Interim Measures 2011 Annual Report
Former Sludge Bin Storage Area,
Rod & Wire Mill

RG Steel, Sparrows Point, LLC

Sparrows Point,

Maryland

January 2012

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1.0 SUMMARY

During 2011, RG Steel, Sparrows Point, LLC operated the groundwater pump and treat Interim Measure at the former Rod & Wire Mill Sludge Bin Storage Area at Sparrows Point in accordance with the scope and schedule submitted in the July 2000 *Work Plan for Re-Establishment of Interim Measures, Former Sludge Bin Storage Area, Rod & Wire Mill* that was approved by U. S. EPA on November 3, 2000. The interim measure tasks included:

- Maintaining institutional controls at the former *in situ* leaching area,
- Groundwater treatment system monitoring, operation and maintenance,
- Semi-annual groundwater elevation monitoring, and
- Semi-annual sampling and analysis of groundwater.

Specifics of the interim measures tasks completed in 2011 are as follows:

- Institutional controls were maintained at the former sludge bin storage area to minimize and manage activities that could disturb soils at the site. These controls consist of notice sign boundary markers and continuation of an authorization program to conduct work in the area.

- Operation and maintenance of the groundwater recovery wells, transfer pipeline and treatment process equipment located at the existing wastewater treatment facility.

- Evaluation of the groundwater pump and treat system, including documentation of treatment flow, review of semi-annual groundwater elevation data, and review of effectiveness.

- Semi-annual sampling, analysis and evaluation of the groundwater impacted by former operations at the sludge bin storage area.

A total of 3,471,639 gallons of water were extracted from the two Former Sludge Bin Storage Area groundwater pumping wells (RW15-PZM020 and RW10-PZM020) during 2011. This compares to 5,135,229 gallons extracted in 2010. The average total pumping rate for 2011 was 9,511 gallons per day (gpd), or 6.6 gallons per minute (gpm). A total of 179 pounds (lbs) of cadmium and 8,418 lbs of zinc were removed and treated during 2011. This compares to 211 lbs of cadmium and 11,835 lbs of zinc removed in 2010. The decrease in

mass removal of cadmium and zinc in 2011 compared to 2010 is due to a reduction in the volume of extracted groundwater, and, for zinc, also due to a reduction in the zinc concentration.

Intermediate zone (approximately 20 to 30 feet below the ground surface) groundwater pumping, at the average annual 2011 pumping rate of 2.8 gallons per minute (gpm) for recovery well RW15-PZM020 and 3.8 gpm for recovery well RW10-PZM020, results in a radius of intermediate zone pumping influence that effectively controls movement the intermediate zone plume. The groundwater elevation data for the shallow zone (groundwater table surface to 15 feet below this surface), combined with the chemistry data, document a water table situation where contamination migration is effectively controlled in this groundwater zone. Groundwater elevation data for the deeper groundwater zone (greater than 50 feet in depth) suggest that heads in this zone may not be influenced by the pump and treat system; however, the chemistry data (further discussed below) indicate that this zone is minimally impacted. Groundwater monitoring data collected during 2011 suggests some improvement in groundwater quality as compared to 2010.

Cadmium—Cadmium concentrations in the two pumping wells (RW10-PZM020 and RW15-PZM020) are generally similar to concentrations observed in recent prior years. At most of the non-pumping wells the 2011 cadmium concentrations are also similar to prior years. An exception is RW06-PZM001 where the 2010 4th quarter cadmium concentration (24 mg/l) was unreasonably higher than historically has been observed and is considered to be a non-representative outlier to be monitored going forward. In 2011, cadmium concentrations have returned to levels similar to previous concentrations in RW06-PZM001 (2.3 mg/l and 1.7 mg/l in the 2nd and 4th quarters, respectively).

Zinc—Zinc concentrations in the two pumping wells (RW10-PZM020 and RW15-PZM020) are generally similar to concentrations observed in recent prior years. Exceptions include the 2011 4th quarter zinc concentrations for RW10-PZM004 (460 mg/l), RW20-PZM020 (100 mg/l), and RW10-PZM065 (460 mg/l). Each of these concentrations was unreasonably higher than historically has been observed and is considered to be a non-representative outlier to be monitored going forward.

The Proposed Operating Plan for 2011 is to: maintain institutional controls at the former storage area, continue operation, maintenance, and monitoring of the groundwater pump and treat system, and complete semi-annual monitoring of groundwater consistent with procedures outlined in the approved July 2000 Work Plan and as modified in this report.

2.0 SUMMARY OF WORK PLAN FOR INTERIM MEASURES

This section summarizes the July 2000 Work Plan for Re-Establishment of Interim Measures:

- The work plan detailed the use of institutional controls for soils to establish a "Restricted Work Area" to control the exposure of on-site workers to soils in the Former Sludge Bin Storage Area.
- Groundwater monitoring network improvements were proposed including the use of 32 wells for monitoring the performance of the groundwater pump and treat system. This monitoring network (excluding well TS04-PZM007 destroyed in 2003) was to be used to collect water level and groundwater quality data.
- A groundwater pump and treat system was proposed that was subsequently installed and began operation in 2001. The groundwater pump and treat system consists of two intermediate depth zone recovery wells (RW10-PZM020 and RW15-PZM020) that are each pumped at a rate of between 5.0 and 12.9 gallons per minute (gpm) during operation. The expected normal operating rate for the treatment plant was set at a combined rate of 8.0 to 12.0 gpm with a maximum design flow of 25 gpm. Recovered groundwater is transported via a pipeline to the Humphreys Creek Wastewater Treatment Plant (HCWWTP) for subsequent treatment and discharge in accordance with the NPDES permit requirements for the facility.

3.0 MONITORING RESULTS FOR 2011

3.1 Groundwater Pump and Treat System Evaluation

The groundwater pump and treat system was evaluated with regard to: 1) the water levels measured in the various water bearing zones, and 2) the effectiveness of this system with respect to the mass of cadmium and zinc removed from groundwater.

3.1.1 Semi-Annual Water Level Monitoring

During 2011 water-level measurements for routine operations were manually measured semi-annually (April and October-November 2011) in all existing monitoring wells. A summary of the 4th quarter (October-November) water level measurements (depth to water and water elevation) is presented in Table 3-1.

The groundwater elevation data are also graphically presented as groundwater elevation contour maps in Figures 3-1 through 3-3. These three figures represent the 4th quarter 2011 data for the shallow, intermediate and deep water bearing zones. The intermediate water bearing zone is pumped and is therefore also referred to as the intermediate pumping zone.

The shallow water bearing zone (water table) includes piezometers screened to depths of approximately 15-feet below ground surface; the intermediate water bearing zone includes piezometers screened from approximately 20- to 30-foot depths; and the deep water bearing zone is defined as those piezometers screened from approximately 50- to 75-feet below ground surface. The water level results for each of these zones are discussed below.

Shallow Water Table Zone

Figure 3-1 presents the groundwater elevation contour map for the shallow water table zone, corresponding to the October-November 2011 time period when the underlying zone (intermediate pumping zone) was being pumped.

Figure 3-1 indicates elevated groundwater centered at RW09-PZM004, roughly coincident with one of the intermediate zone pumping wells (RW10-PZM020). The elevated water table may be related to the movement and infiltration of surface water. As a result of the elevated water table at RW09-PZM004, the shallow zone groundwater movement in the area

north and east of RW09-PZM004 (proximity of the Rod & Wire Mill Site) is inferred to be north-northeastward (away from Bear Creek). West of RW09-PZM004 inferred shallow zone groundwater movement is westward. The groundwater chemistry data (see Section 3.2 chemistry discussion) reveal that elevated zinc and cadmium concentrations in shallow groundwater are primarily associated with the area east of RW09-PZM004 and, thus, are associated with shallow groundwater flow that is away from Bear Creek. At the western edge of the monitored shallow zone (near TS04-PDM004) shallow groundwater is inferred to be flowing toward Bear Creek. However, at this location and in nearby near-shore wells RW19-PZP000 and RW20-PZP000 both the cadmium and zinc concentrations in shallow groundwater are predominantly trace or non-detect (see Section 3.2 chemistry discussion).

Intermediate Pumping Zone

Figure 3-2 presents groundwater elevations within the intermediate pumping zone during the 4th quarter 2011 when this zone was being pumped.

Figure 3-2 indicates significant drawdown surrounding the two pumping wells (RW15-PZM020 and RW10-PZM020) that comprise the groundwater recovery system. This system is maintaining a broad zone of influence extending from the pumping wells for a distance of at least 300 feet. This zone of influence is somewhat elongated and more extensive in an east to west direction. The zone of influence extends to Bear Creek to the west and beyond the eastern edge of the former Rod and Wire Mill to the east.

Deep Zone

Figure 3-3 presents the groundwater elevation contour map for the deep water bearing zone, corresponding to the October-November 2011 time period when the overlying zone (intermediate pumping zone) was being pumped.

Figure 3-3 indicates a north to northwesterly decrease in water levels, inferring north to northwestward groundwater flow within the deep water bearing zone. Pumping the intermediate zone does not appear to affect the deep water bearing zone.

Comparison of 2011 head potentials between the deep and intermediate groundwater zones at locations RW10 and RW19 showed lower head potentials in the intermediate versus deep

zone. The significant difference in the head potentials between the intermediate and deep zones indicates confinement of the lower zone at these locations.

3.1.2 Comparison of Water Levels in 2010 and 2011

The 2011 water levels (4th quarter) were compared to the 2010 4th quarter water levels and the following observations are made:

- Shallow water bearing zone—4th quarter water levels are very similar between 2010 and 2011.
- Intermediate pumping zone—4th quarter water levels are similar between 2010 and 2011.
- Deep water bearing zone—4th quarter water levels are slightly lower in 2011 than in 2010.

Overall, the above observations indicate that the groundwater flow directions and the influence of pumping are similar between 2010 and 2011.

3.1.3 Evaluation of Pump and Treat System Effectiveness

In 2011, a total of 3,471,639 gallons of water were extracted from the Former Sludge Bin Storage Area pumping wells and treated at the HCWWTP. This contrasts to a total volume of 5,135,229 gallons that were pumped and treated in 2010. The average pumping rate for the pump and treat system for 2011 was 9,511 gpd, or 6.6 gpm. Pumping rates of approximately 2.8 gpm were achieved in recovery well RW15-PZM020 and 3.8 gpm in RW10-PZM020. These pumping rates appear to effectively capture the most impacted groundwater beneath the Former Sludge Bin Storage Area, as revealed by Figures 3-1 through 3-3, discussed above.

A total of 179 pounds (lbs) of cadmium and 8,418 lbs of zinc were removed and treated from the Rod & Wire Mill area in 2011. This compares to treated amounts of 211 lbs of cadmium and 11,835 lbs of zinc in 2010. The decrease in mass removal of cadmium and zinc in 2011

compared to 2010 is due to a reduction of the volume of extracted groundwater, and, for zinc, also due to a reduction in the zinc concentration.

- **Treated water volume (gal):**
  - RW10-PZM020: 2,514,802 (2010); 1,995,558 (**2011**)
  - RW15-PZM020: 2,620,427 (2010); 1,476,081 (**2011**)

The averaged 2nd and 4th quarter metals concentrations were:

- **Average Cadmium and Zinc Concentrations:**
  - RW10-PZM020:
    - Cd: 9.3 ppm (2010); 10 ppm (**2011**)
    - Zn: 515 ppm (2010); 480 ppm (**2011**)
  - RW15-PZM020:
    - Cd: 0.715 ppm (2010); 1.0 ppm (**2011**)
    - Zn: 47 ppm (2010); 34.5 ppm (**2011**)
- **Treated mass (lbs):**
  - RW10-PZM020:
    - Cd: 195 (2010); 167 (**2011**)
    - Zn: 10,807 (2010); 7,993 (**2011**)
  - RW15-PZM020:
    - Cd: 16 (2010); 12 (**2011**)
    - Zn: 1,028 (2010); 425 (**2011**)

The pump and treat system is removing significant amounts of cadmium and zinc from groundwater within the intermediate water bearing zone at the current pumping rates, and it is controlling groundwater flow and associated cadmium and zinc migration within the shallow zone and the intermediate water bearing zone.

3.2 Groundwater Chemistry Data

Groundwater chemistry data were collected on a semi-annual basis during the 2nd and 4th quarters. The locations of the wells are shown in Figure 3-4. The sampling occurred during the following months of 2011:

- April 2011
- October-November 2011

Appendix A presents groundwater monitoring documentation for the 2nd and 4th quarters, consisting of water level measurements and purge records. The samples were collected using low-flow peristaltic pumps after stabilization of field parameters, and were then submitted to the laboratory for analysis for total cadmium and zinc in accordance with the November 1999 DCQAP. The field parameters were pH, conductivity, temperature, dissolved oxygen, and oxidation-reduction potential.

Tables 3-2 and 3-3 present the data from 2011 for total cadmium and zinc, respectively. The tables also show semi-annual data from 2001 through 2010. A comparison of the 2011 data with data from previous years indicates the following:

Cadmium—Cadmium concentrations in the two pumping wells (RW10-PZM020 and RW15-PZM020) are generally similar to concentrations observed in recent prior years. At most of the non-pumping wells the 2010 cadmium concentrations are also similar to prior years. An exception is RW06-PZM001 where the 2010 4th quarter cadmium concentration (24 mg/l) was unreasonably higher than historically has been observed and is considered to be a non-representative outlier to be monitored going forward. In 2011, cadmium concentrations have returned to levels similar to previous concentrations in RW06-PZM001 (2.3 mg/l and 1.7 mg/l in the 2nd and 4th quarters, respectively).

Zinc—Zinc concentrations in the two pumping wells (RW10-PZM020 and RW15-PZM020) are generally similar to concentrations observed in recent prior years. At most of the non-pumping wells the 2011 zinc concentrations are also similar to prior years. Exceptions include the 2011 4th quarter zinc concentrations for RW10-PZM004 (460 mg/l), RW20-PZM020 (100 mg/l), and RW10-PZM065 (460 mg/l). Each of these concentrations was unreasonably higher than historically has been observed and is considered to be a non-representative outlier to be monitored going forward.

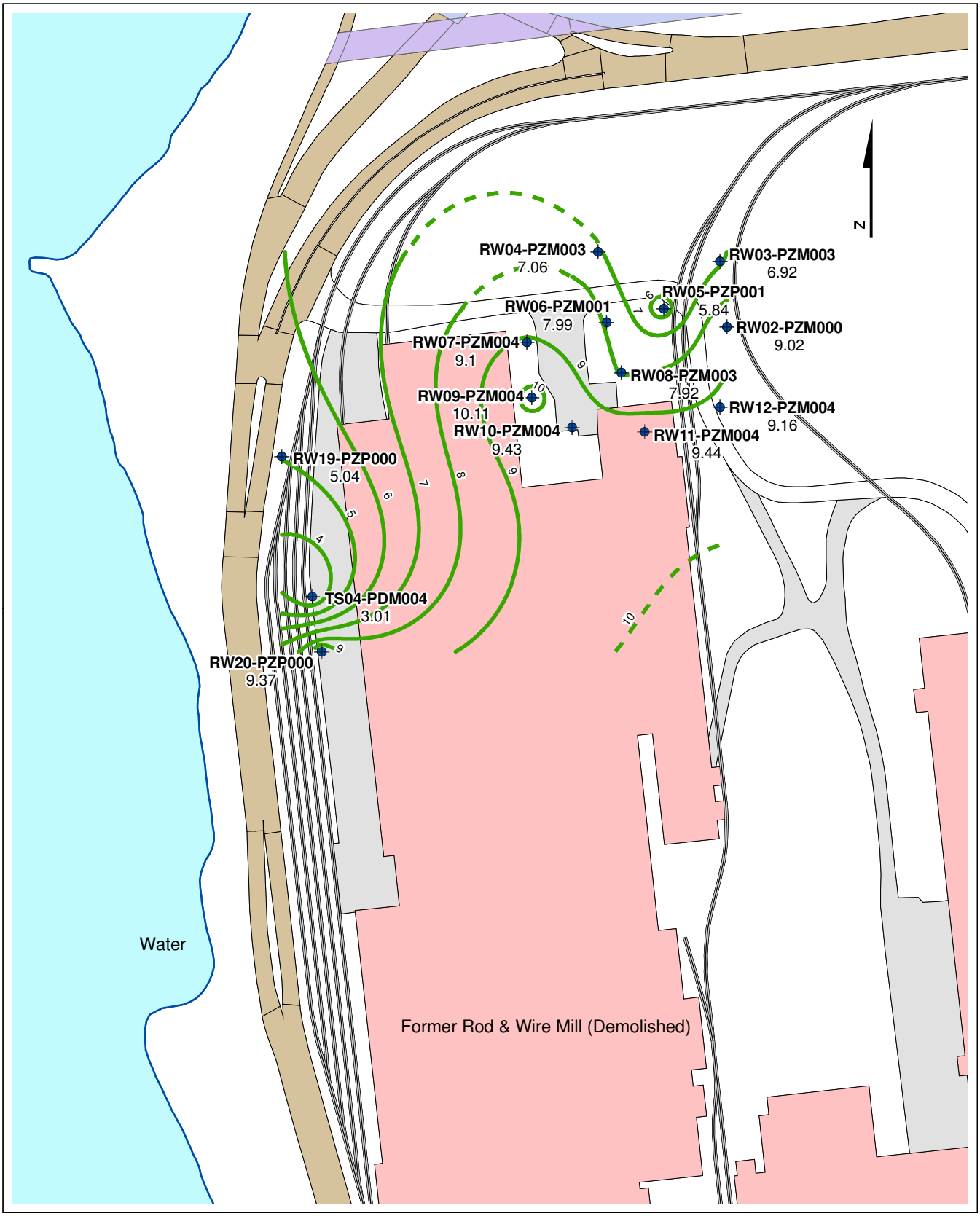
All of the analytical results from the most recent sampling event (4th quarter 2011) are depicted in plan view at the well locations in Figures 3-5 through 3-10. These figures

indicate that the highest cadmium and zinc concentrations are in monitoring wells located near and east-northeast of pumping well RW10-PZM020.

3.3 2011 Operations and Maintenance

Daily pumping records for the groundwater pump and treat system from January through December 2011 are provided in Appendix B. A summary of isolated operational outages which occurred in 2011 is provided in Appendix C. Overall, the groundwater treatment system operated as intended.

FIGURES



Legend

- Test Stations (Well ID - Elevation in feet)
- Shore Line
- Railroads
- Groundwater Contour
- Inferred Groundwater Contour

0 100 200 400 Feet

Figure 3-1
Shallow Well Water Level Elevation
Contour Map, October-November 2011
Former Rod & Wire Mill
RG Steel, Sparrows Point, LLC

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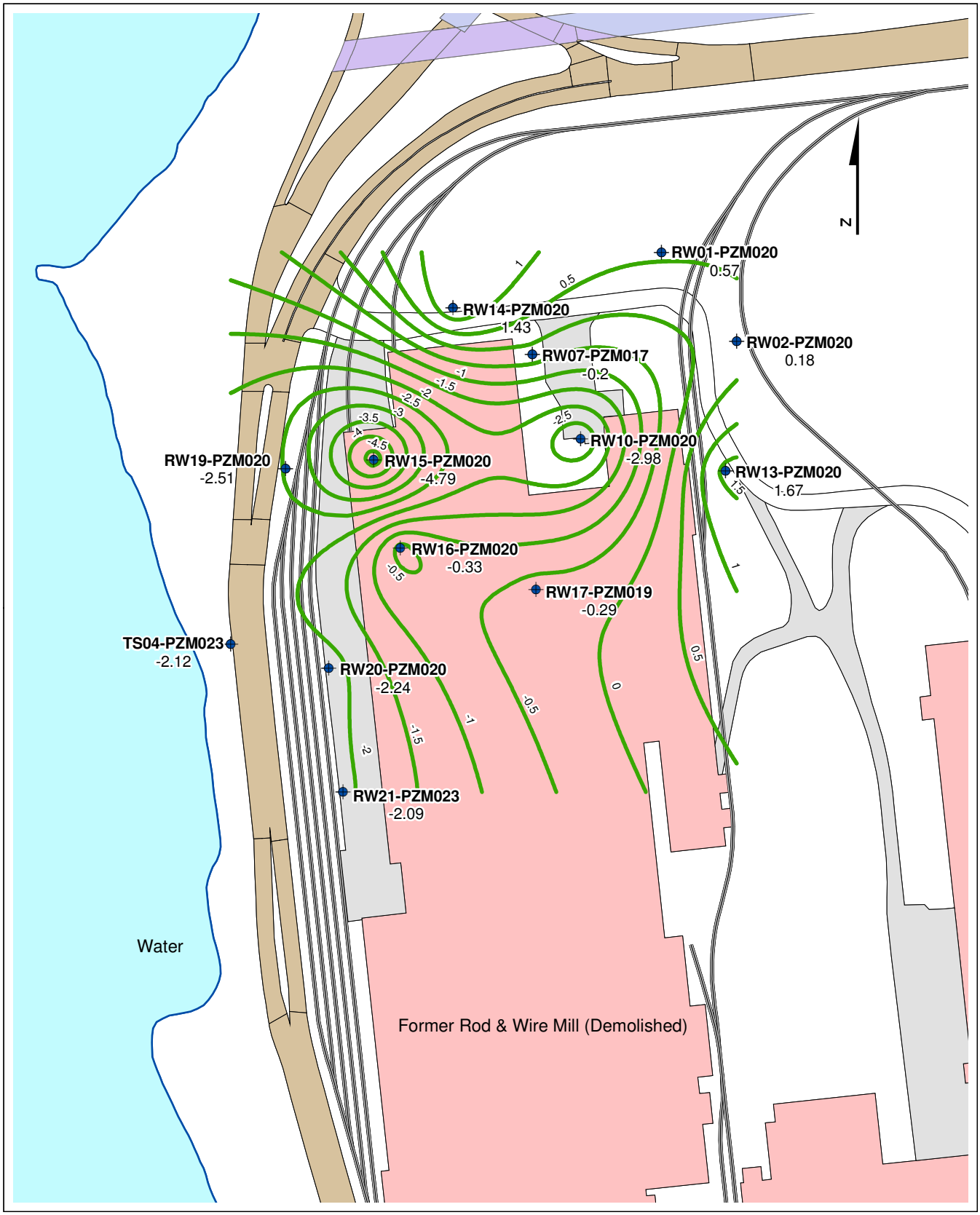

Legend

- Test Stations (Well ID - Elevation in feet)
- Shore Line
- Railroads
- Groundwater Contour

0 100 200 400 Feet

Figure 3-2
Intermediate Well Water Level Elevation
Contour Map, October-November 2011
Former Rod & Wire Mill
RG Steel, Sparrows Point, LLC

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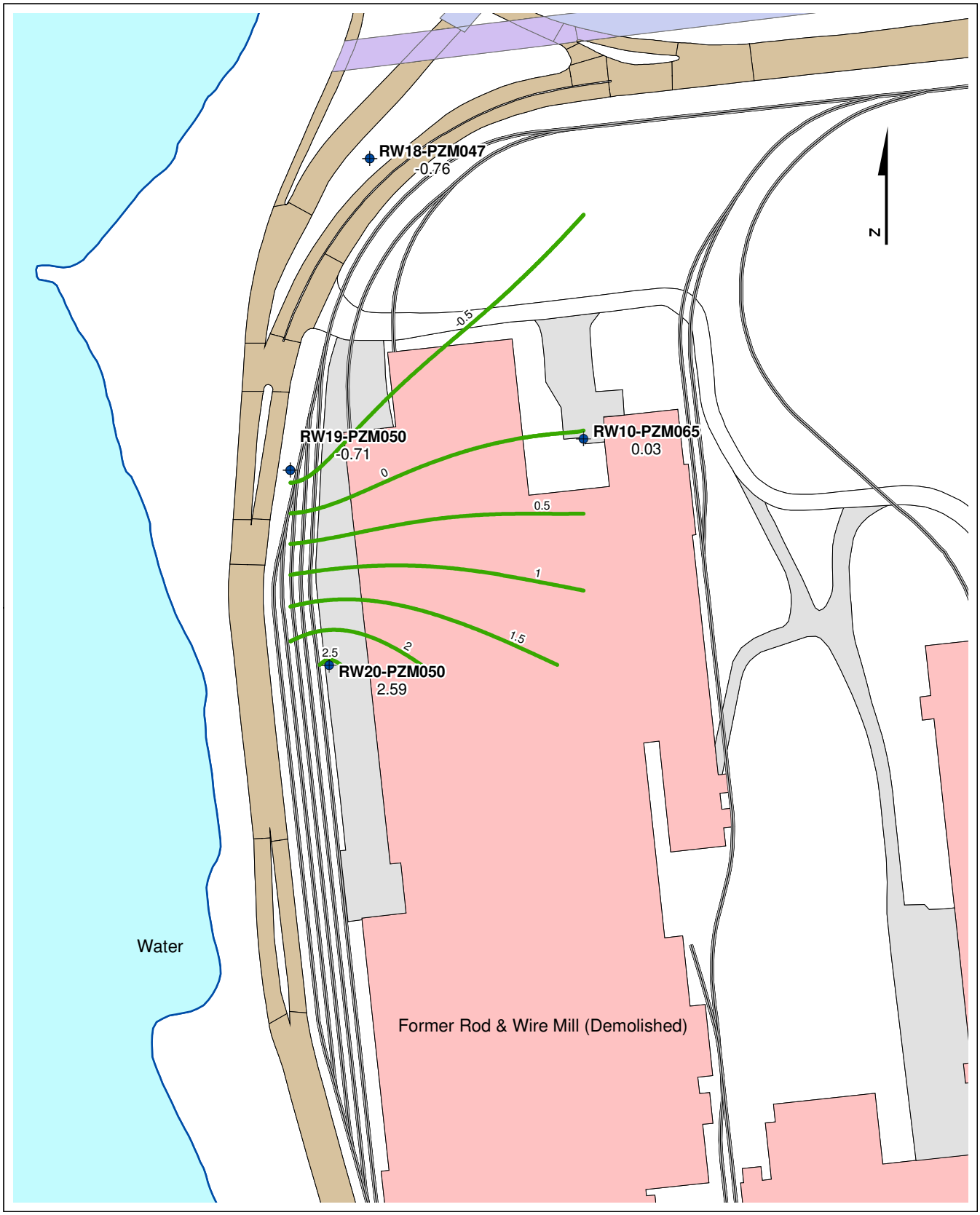

Legend

- Test Stations (Well ID - Elevation in feet)
- Shore Line
- Railroads
- Groundwater Contour

0 100 200 400 Feet

Figure 3-3
Deep Well Water Level Elevation
Contour Map, October-November 2011
Former Rod & Wire Mill
RG Steel, Sparrows Point, LLC

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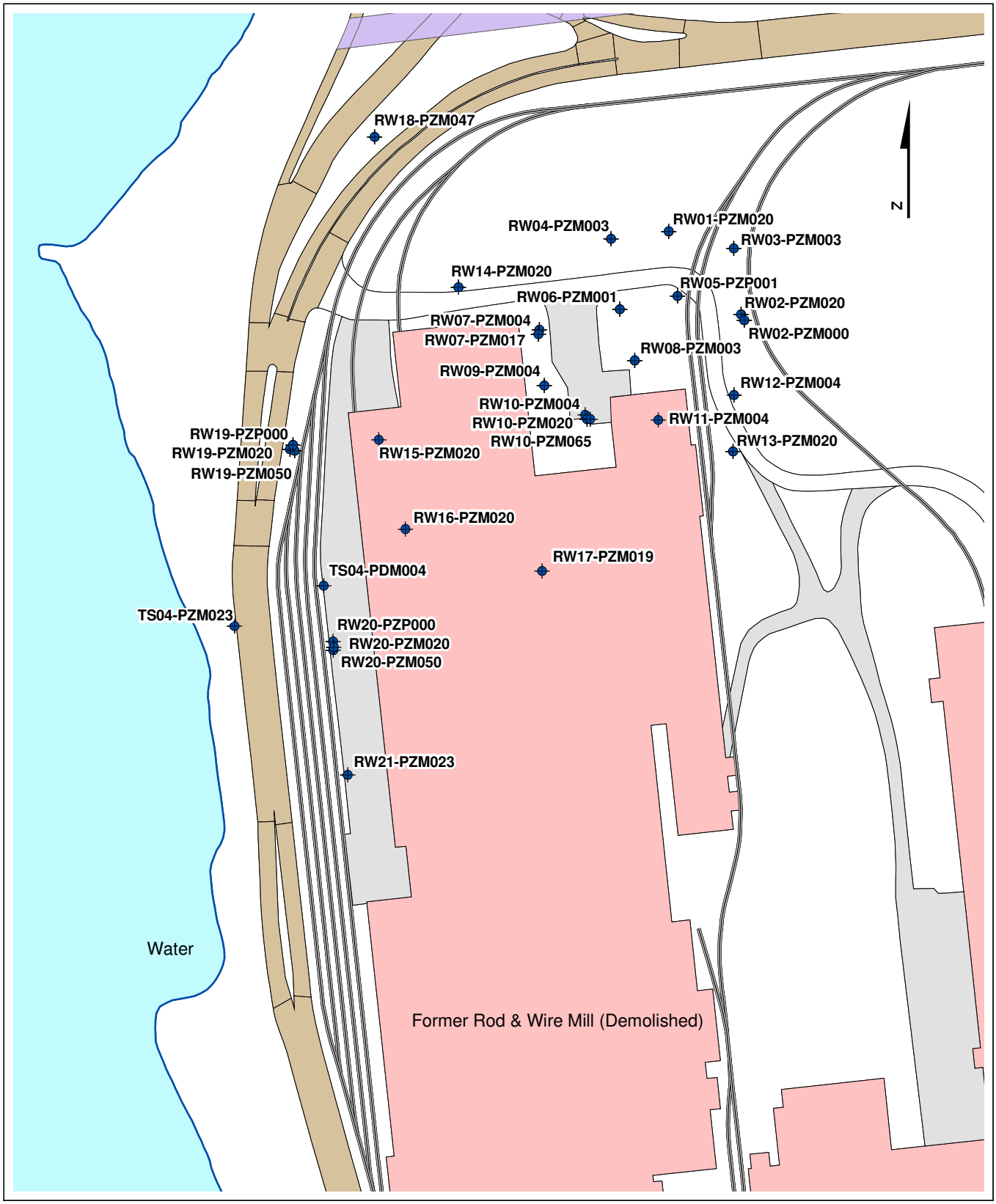

Legend

Rod and Wire Mill 2011 Report Data Event

- Test Stations (Well ID)
- Shore Line
- Railroads

0 100 200 400 Feet

Figure 3-4
Locations of Wells

Former Rod & Wire Mill
RG Steel, Sparrows Point, LLC

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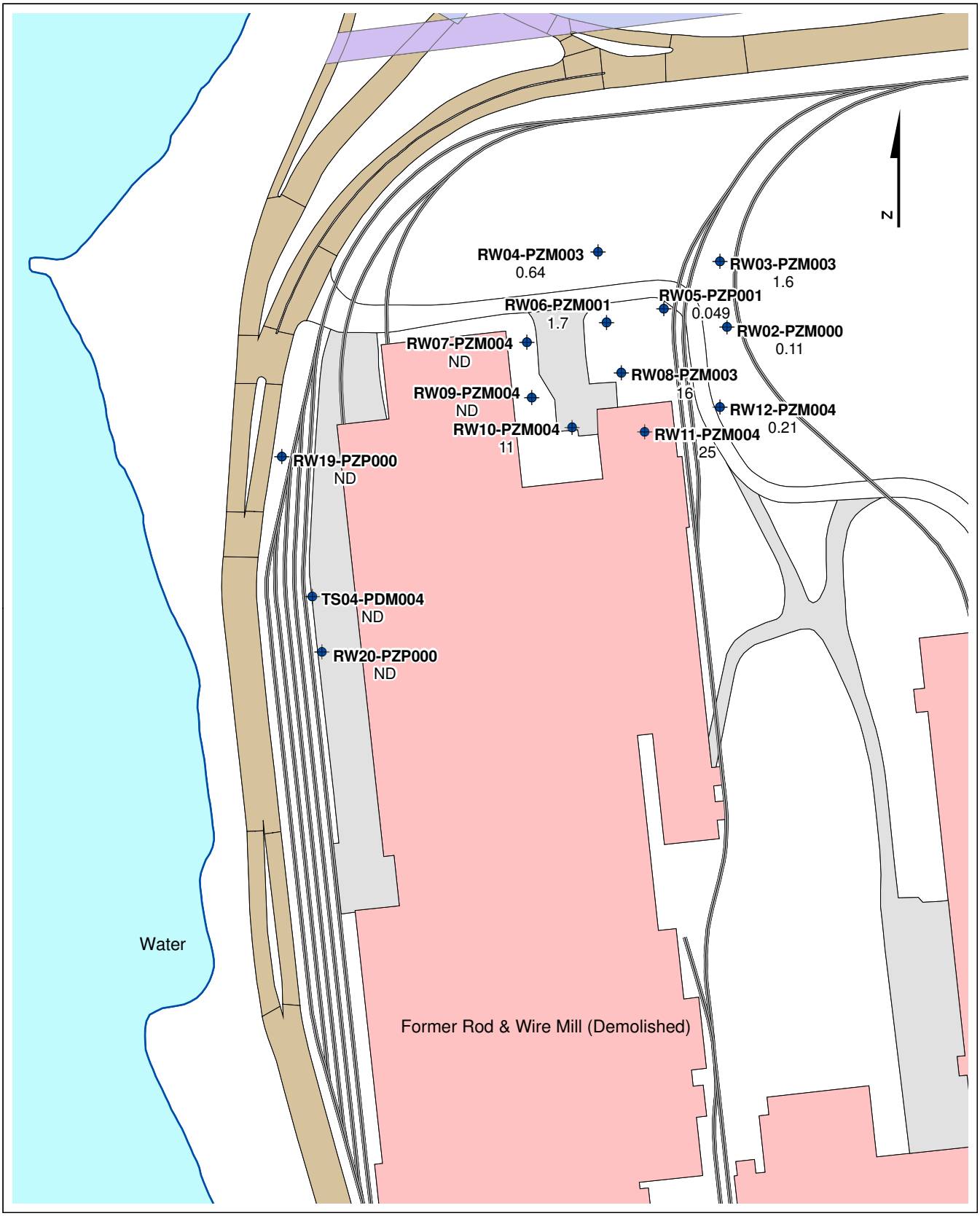

Legend

- Test Stations (Well ID)
- Shore Line
- Railroads

0 100 200 400 Feet

Rod and Wire Mill 2011 Report Data Event
(Concentrations in mg/L; ND = Not Detected)

Figure 3-5
Cadmium Concentrations in Shallow
(Water Table) Groundwater
October-November 2011
Former Rod & Wire Mill
RG Steel, Sparrows Point, LLC

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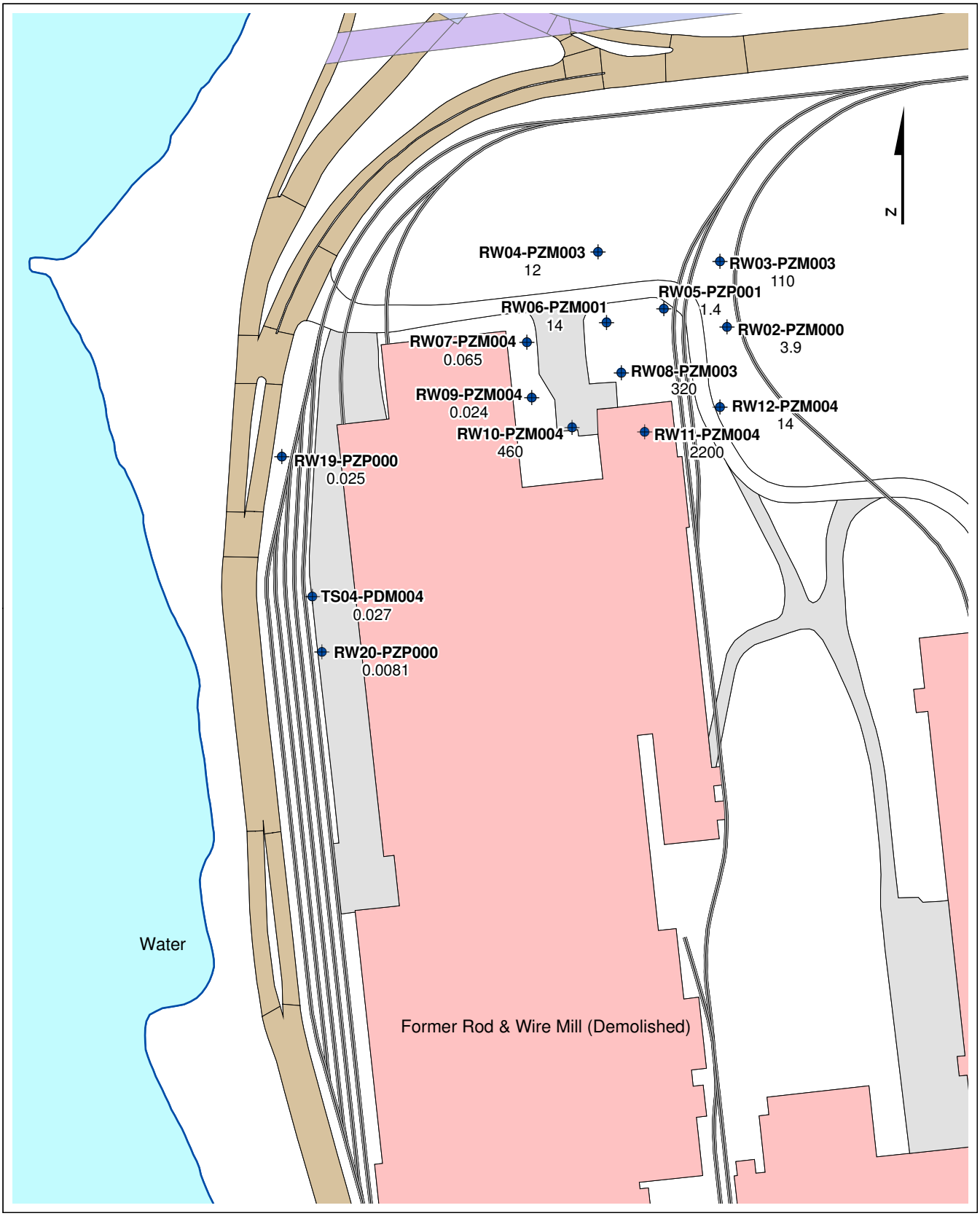

Legend

- Test Stations (Well ID)
- Shore Line
- Railroads

0 100 200 400 Feet

Rod and Wire Mill 2011 Report Data Event
(Concentrations in mg/L; ND = Not Detected)

Figure 3-6
Zinc Concentrations in Shallow
(Water Table) Groundwater
October-November 2011
Former Rod & Wire Mill
RG Steel, Sparrows Point, LLC

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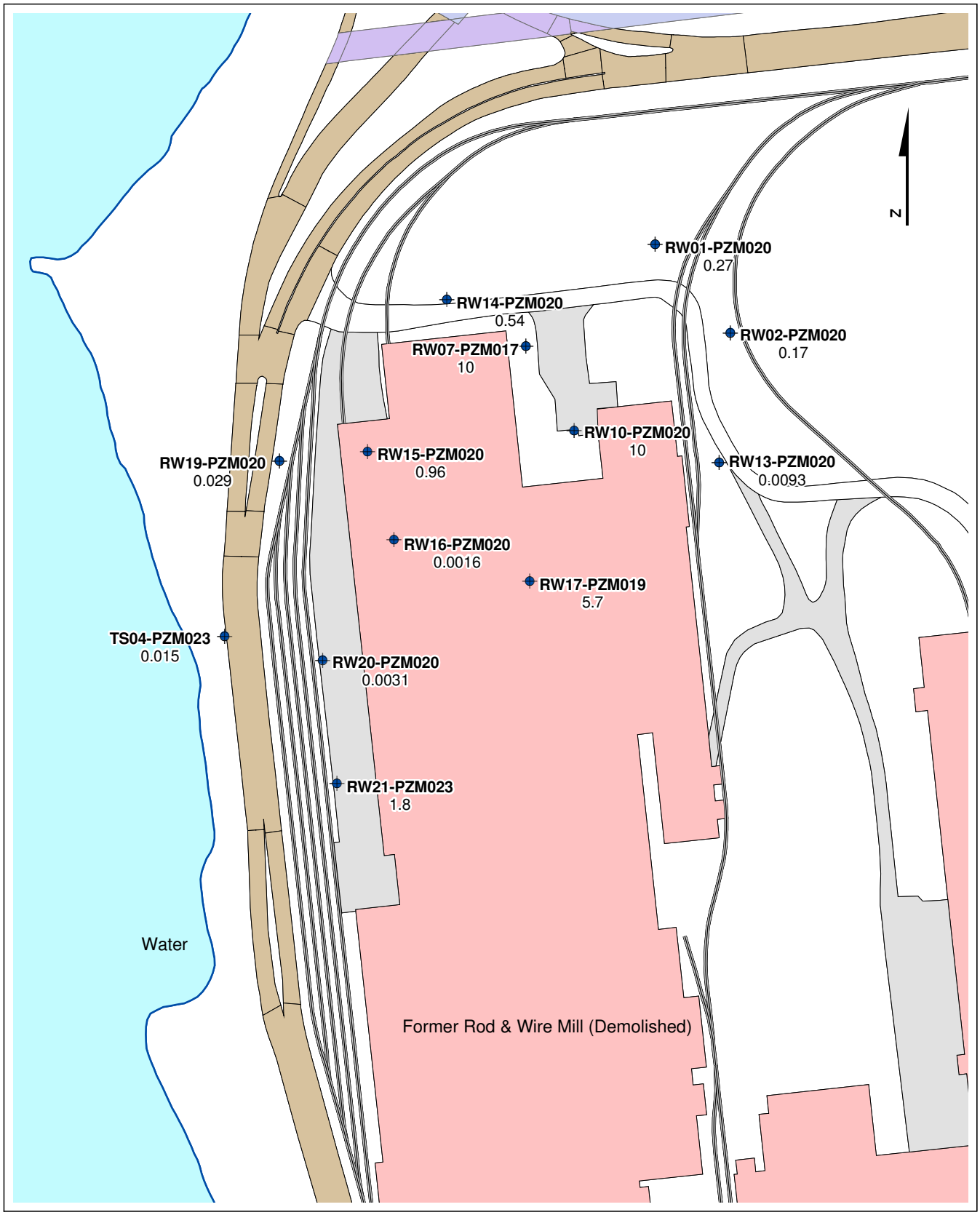

Legend

- Test Stations (Well ID)
- Shore Line
- Railroads

0 100 200 400 Feet

Rod and Wire Mill 2011 Report Data Event
(Concentrations in mg/L; ND = Not Detected)

Figure 3-7
Cadmium Concentrations in
Intermediate Groundwater
October-November 2011
Former Rod & Wire Mill
RG Steel, Sparrows Point, LLC

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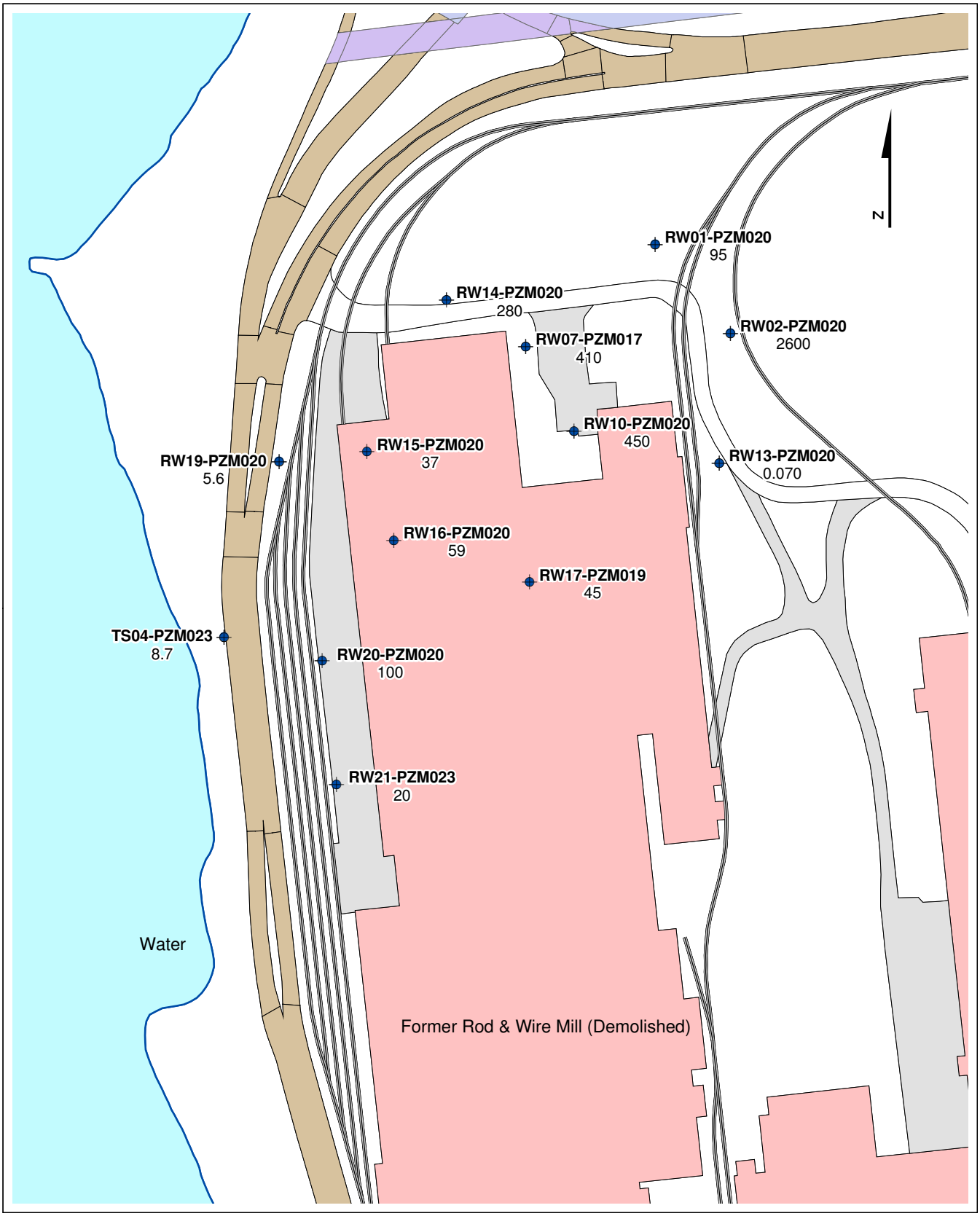

Legend

- Test Stations (Well ID)
- Shore Line
- Railroads

0 100 200 400 Feet

Rod and Wire Mill 2011 Report Data Event
(Concentrations in mg/L; ND = Not Detected)

Figure 3-8
Zinc Concentrations in
Intermediate Groundwater
October-November 2011
Former Rod & Wire Mill
RG Steel, Sparrows Point, LLC

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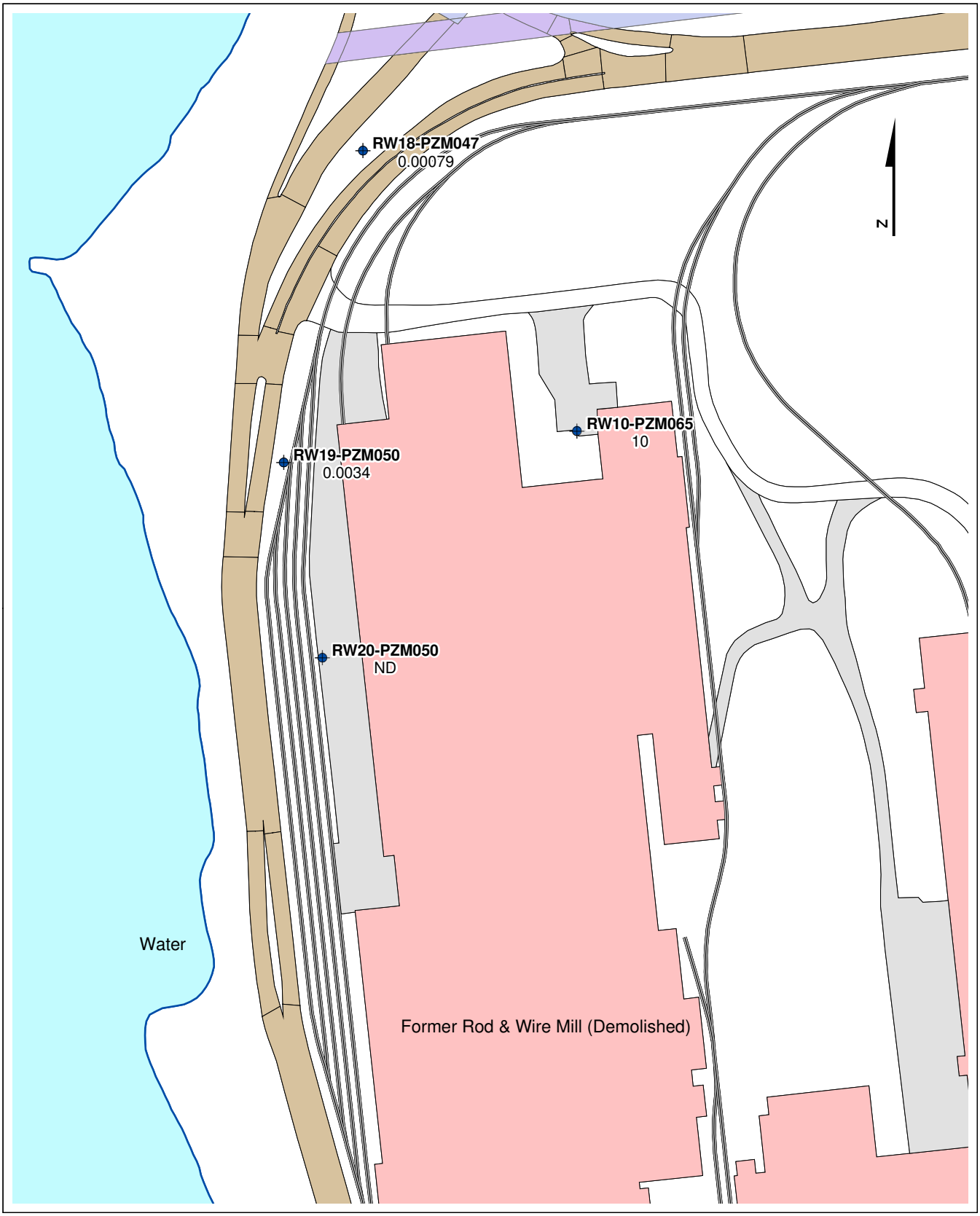

Legend

- Test Stations (Well ID)
- Shore Line
- Railroads

0 100 200 400 Feet

Rod and Wire Mill 2011 Report Data Event
(Concentrations in mg/L; ND = Not Detected)

Figure 3-9
Cadmium Concentrations in
Deep Groundwater
October-November 2011
Former Rod & Wire Mill
RG Steel, Sparrows Point, LLC

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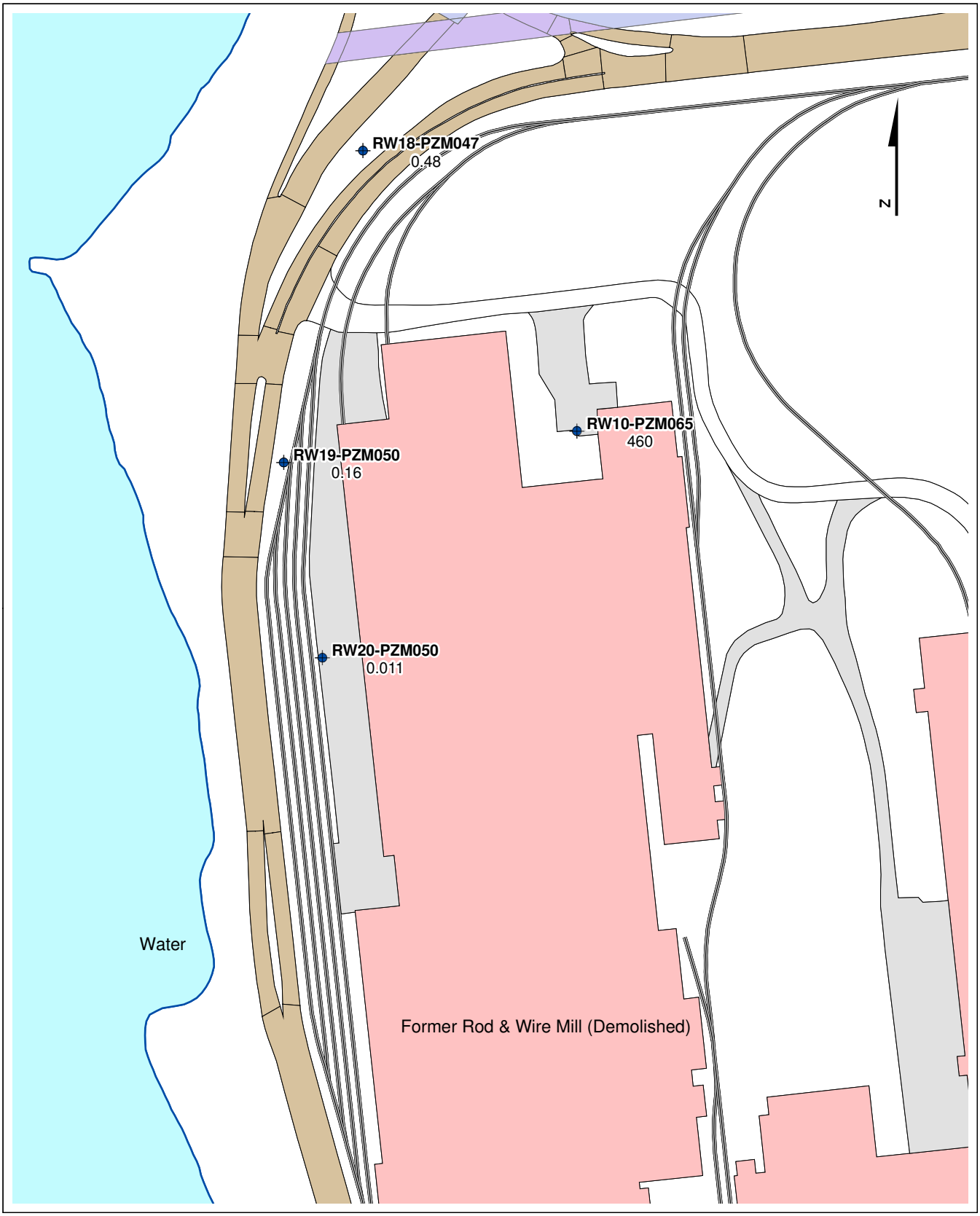

Legend

- Test Stations (Well ID)
- Shore Line
- Railroads

0 100 200 400 Feet

NOTES: Rod and Wire Mill 2011 Report Data Event
(Concentrations in mg/L; ND = Not Detected)

Figure 3-10
Zinc Concentrations in
Deep Groundwater
October-November 2011
Former Rod & Wire Mill
RG Steel, Sparrows Point, LLC

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TABLES

Table 3-1
2011 Water Level Elevation Data

Well Number	Top-of-Casing Elevation (ft)	October 2011		
		Date	Depth to Water (ft)	Water Level Elevation (ft)
RW01-PZM020	12.72	10/27/2011	12.15	0.57
RW02-PZM000	12.37	10/27/2011	3.35	9.02
RW02-PZM020	13.00	10/27/2011	12.82	0.18
RW03-PZM003	10.83	10/27/2011	3.91	6.92
RW04-PZM003	11.09	10/27/2011	4.03	7.06
RW05-PZP001	11.04	10/27/2011	5.20	5.84
RW06-PZM001	12.17	10/27/2011	4.18	7.99
RW07-PZM004	15.27	10/27/2011	6.17	9.10
RW07-PZM017	12.95	10/27/2011	13.15	-0.20
RW08-PZM003	11.35	10/27/2011	3.43	7.92
RW09-PZM004	15.22	10/27/2011	5.11	10.11
RW10-PZM004	12.34	10/27/2011	2.91	9.43
RW10-PZM020	12.46	10/27/2011	15.44	-2.98
RW10-PZM065	12.34	10/27/2011	12.31	0.03
RW11-PZM004	15.35	10/27/2011	5.91	9.44
RW12-PZM004	15.37	10/27/2011	6.21	9.16
RW13-PZM020	14.62	10/27/2011	12.95	1.67
RW14-PZM020	15.15	10/27/2011	13.72	1.43
RW15-PZM020	12.70	10/27/2011	17.49	-4.79
RW16-PZM020	13.84	10/27/2011	14.17	-0.33
RW17-PZM019	13.67	10/27/2011	13.96	-0.29
RW18-PZM047	15.68	10/27/2011	16.44	-0.76
RW19-PZM020	13.49	10/27/2011	16.00	-2.51
RW19-PZM050	12.99	10/27/2011	13.70	-0.71
RW19-PZP000	13.49	10/27/2011	8.45	5.04
RW20-PZM020	13.47	10/27/2011	15.71	-2.24
RW20-PZM050	13.03	10/27/2011	10.44	2.59
RW20-PZP000	12.82	10/27/2011	3.45	9.37
RW21-PZM023	12.91	10/27/2011	15.00	-2.09
TS04-PDM004	13.71	10/27/2011	10.70	3.01
TS04-PPM007*	10.22	NM	NM	NM
TS04-PZM023	10.09	10/27/2011	12.21	-2.12

NM- No Measurement

* Microbac report indicates well was destroyed in 2003, possibly by a plow.

Table 3-2
Summary of Cadmium Monitoring Data for 2011 and Comparison with Prior Years

		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		
New Well Designation	**Former Well Designation**	**1st Q**	**3rd Q**	**1st Q**	**3rd Q**	**1st Q**	**3rd Q**	**1st Q**	**3rd Q**	**2nd Q**	**4th Q**	**2nd Q**	**4th Q**	**2nd Q**	**4th Q**	**2nd Q**	**4th Q**	**2nd Q**	**4th Q**	**2nd Q**	**4th Q**	**2nd Q**	**4th Q**	**UNITS**
Shallow (Water Table) Monitoring Wells																								
RW02-PZM000	RW-3	0.36	0.67	0.47	0.29	0.29	0.067	0.17	0.21	0.34	0.26	0.12	0.034	0.47	0.03	0.057	0.30	0.17	0.15	0.11	0.033	0.11	0.11	mg/L
RW03-PZM003	RW-92	6.5	8.6	4.1	3.9	7.8	8.3	7.7	6.6	6.6	6.2	5.7	0.94	4.1	0.4	0.21	0.30	0.28	0.05	0.50	0.012	3.6	1.6	mg/L
RW04-PZM003	RW-91	0.57	0.52	0.31	0.32	0.55	0.71	0.73	0.9	0.67	0.73	0.24	0.72	0.4	0.49	0.69	0.18	0.38	0.20	0.65	0.72	0.78	0.64	mg/L
RW05-PZP001	RW-96	0.02	0.20	0.1	0.15	0.039	0.019	0.061	0.18	0.041	0.11	0.076	0.049	0.088	0.02	0.11	0.069	0.028	0.013	0.092	0.042	0.032	0.049	mg/L
RW06-PZM001	RW 94	1.3	2.1	1.8	2.8	1.2	4.2	2.6	6.1	2.9	7.3	3.2	1.1	3.5	1.5	1.5	16	3	1.5	1.4	24 (a)	2.3	1.7	mg/L
RW07-PZM004	RW-7	Note 2	0.005	0.003	0.017	0.005	0.005	0.005	0.012	0.005	0.005	0.016	0.011	0.02	0.01	0.005	0.018	0.035	0.075	0.0059	0.035	<0.00050	<0.00050	mg/L
RW08-PZM003	RW-88	34	30	33	27	36	29	32	26	30	23	25	16	20	19	19	20	21	18	18	18	21	16	mg/L
RW09-PZM004	New Well "X"	Note 1	0.005	0.003	0.005	0.005	0.005	0.005	0.044	0.005	0.005	0.005	0.005	0.005	0.005	0.0003	0.0011	0.00079	0.00099	<0.00050	0.00084	0.00052	<0.00050	mg/L
RW10-PZM004	RW-26	0.0025	0.045	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.0003	0.0032	0.00098	0.0005	<0.00050	<0.00050	<0.00050	11	mg/L
RW11-PZM004	New Well "Y"	Note 1	14	30	33	34	37	20	24	18	32	31	24	21	32	19	41	16	35	22	23	20	25	mg/L
RW12-PZM004	New Well "Z"	Note 1	1.1	0.36	0.28	0.85	2.3	1.8	3	2.3	3	1.7	0.12	1.2	2.5	0.069	0.11	0.05	0.044	0.090	0.11	0.38	0.21	mg/L
RW19-PZP000			0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.0005	0.00085	0.0033	0.0033	<0.00050	<0.00050	0.001	<0.00050	mg/L
RW20-PZP000	RW-8		0.005	0.005	0.005	0.005	0.005	0.18	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.0003	0.025	0.0014	0.0013	<0.00050	<0.00050	<0.00050	<0.00050	mg/L
TS04-PDM004	TS-04-PD		0.005	0.012	0.005	0.005	0.005	0.013	0.025	0.008	0.01	0.005	0.005	0.008	0.006	0.00057	0.0016	0.0028	0.0014	0.00085	0.0013	<0.00050	<0.00050	mg/L
TS04-PPM007	TS-04-PP		0.005	0.005	0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	mg/L
Intermediate (Sand 2) Monitoring Wells																								
RW01-PZM020	RW-1	0.39	0.16	0.34	0.47	0.53	0.39	0.27	0.32	0.17	0.082	0.41	0.25	0.45	0.12	0.32	0.36	0.37	0.13	0.20	0.061	0.4	0.27	mg/L
RW02-PZM020	RW-2	1.2	0.041	0.01	0.46	0.48	0.005	1.6	1.7	1.5	0.335	0.32	0.25	0.04	0.23	0.093	0.35	0.30	0.10	0.021	0.068	0.13	0.17	mg/L
RW07-PZM017	RW-6	5.3	6.6	22	24	21	13	10	14	7.7	13	18	15	14	15	15	14	7.0	6.5	3.6	10	8.9	10	mg/L
RW10-PZM020	RW-27	3.0	38	13	15	13	15	15	14	14	6.05	14	12	11	10	10	8.9	10.0	9.8	8.6	10	10	10	mg/L
RW13-PZM020	RW-4	Note 2	0.50	0.066	0.023	0.061	0.005	0.14	0.23	0.24	0.005	0.005	0.005	0.005	0.005	0.0003	0.0091	0.0110	0.0085	0.0032	0.0027	0.00062	0.0093	mg/L
RW14-PZM020	New Well "A"	Note 1	1.7	1.8	0.43	2.1	1.6	1.9	2.3	2.3	1.8	2.0	1.8	1.6	1.3	1.3	1.0	0.42	0.83	0.90	0.69	0.57	0.54	mg/L
RW15-PZM020	RW-24R	2.5	3.3	8	4.4	5.3	1.9	1.1	1.8	4.4	2.2	1.9	2.4	2.3	1.7	1.6	1.4	1.6	1.3	0.33	1.1	1	0.96	mg/L
RW16-PZM020	New Well "B"	Note 1	0.78	0.08	0.012	0.17	5.0	0.083	5.4	4	5.2	3.6	3.2	0.13	1.2	0.005	0.027	0.022	0.011	0.0065	0.055	<0.00050	0.0016	mg/L
RW17-PZM019	New Well "C"	Note 1	5.4	0.088	0.034	0.018	0.005	14	17	15	16	11	9.8	9.6	6.2	5.8	4.5	5.6	5.7	6.1	6.1	6.2	5.7	mg/L
RW19-PZM020	RW-12	0.03	0.016	0.13	0.15	0.025	0.082	0.17	0.28	0.32	0.2	0.15	0.20	0.15	0.15	0.094	0.11	0.11	0.13	0.061	0.096	<0.00050	0.029	mg/L
RW20-PZM020	RW-9B	0.58	0.25	0.13	0.021	0.039	3.4	0.005	0.22	0.19	0.014	0.013	0.022	0.022	0.005	0.005	0.046	0.019	0.0011	0.0026	<0.0050	<0.00050	0.0031	mg/L
RW21-PZM023	RW-32	Note 2	6.8	6.7	6.4	6.3	6.6	6.3	5.8	4.7	3.8	2.9	2.6	2.7	2	1.9	1.9	1.8	1.7	1.7	1.8	3.9	1.8	mg/L
TS04-PZM023	New Well "D"	Note 1	11	4.3	3.8	3.2	1.1	1.2	1	1.1	0.84	0.80	0.64	0.38	0.35	0.19	0.17	0.13	0.28	0.39	0.31	0.25	0.015	mg/L
Deep (Sand 3) Monitoring Wells																								
RW10-PZM065	RW-28		0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.052	0.005	0.005	0.005	0.005	0.007	0.0003	0.0031	0.0025	0.0028	<0.00050	<0.00050	<0.00050	10	mg/L
RW18-PZM047	RW-22		0.005	0.003	0.005	0.005	0.005	0.87	0.014	0.041	0.005	0.007	0.005	0.005	0.005	0.005	0.0051	0.0037	0.0024	0.0037	0.0034	0.0022	0.00079	mg/L
RW19-PZM050	RW-13		0.005	0.005	0.005	0.005	0.005	0.005	0.015	0.023	0.005	0.005	0.005	0.005	0.005	0.002	0.0016	0.0061	0.014	0.0044	0.0041	0.0027	0.0034	mg/L
RW20-PZM050	RW-10		0.005	0.005	0.005	0.005	0.005	0.026	0.014	0.025	0.005	0.005	0.005	0.005	0.005	0.0003	0.0019	0.0050	0.022	0.029	<0.00050	0.001	<0.00050	mg/L

Note 1: New wells installed prior to 3rd quarter 2001.
Note 2: Replacement wells installed prior to 3rd quarter 2001.
mg/L = milligrams per liter.
The shaded cells are non-detect results; one-half the detection limit has been entered.
The blank cells represent data not collected.
NS = Well destroyed. Not sampled.
(a) Unreliable outlier.

Table 3-3
Summary of Zinc Monitoring Data for 2011 and Comparison with Prior Years

		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		Unit
New Well Designation	**Former Well Designation**	**1st Q**	**3rd Q**	**1st Q**	**3rd Q**	**1st Q**	**3rd Q**	**1st Q**	**3rd Q**	**2nd Q**	**4th Q**	**2nd Q**	**4th Q**	**2nd Q**	**4th Q**	**2nd Q**	**4th Q**	**2nd Q**	**4th Q**	**2nd Q**	**4th Q**	**2nd Q**	**4th Q**	**Unit**
Shallow (Water Table) Monitoring Wells																								
RW02-PZM000	RW-3	18	29	26	13	14	3.7	12	13	16	17	5.1	0.97	20	1.1	2.6	14	8	4.5	4.2	1.1	4.3	3.9 (B2)	mg/L
RW03-PZM003	RW-92	250	240	160	170	250	200	240	190	210	150	170	37	170	120	140	130	150	110	140	0.13	140	110 (B2)	mg/L
RW04-PZM003	RW-91	12	9.3	7.1	6.2	12	13	14	16	13	13	6.3	13	9.5	10	15	4.9	9.5	5.5	16	14	14	12 (B2)	mg/L
RW05-PZP001	RW-96	***0.82***	6.1	3.4	3.7	1.2	0.56	1.8	5.2	0.87	3.9	3.0	1.3	2.9	0.64	6.2	2.3	0.76	0.35	3.7	1.2	1	1.4 (B2)	mg/L
RW06-PZM001	RW-94	19	14	15	21	17	25	20	39	23.0	47	26	15	32	19	23	110	26	36	14	160 (a)	17	14 (B2)	mg/L
RW07-PZM004	RW-7	Note 2	1.1	2.9	8.7	3.5	3.2	1.5	2	0.31	0.94	9.1	4.0	13	3.9	9.7	4.5	19.0	33	3.8	23	3.6	0.065 (B1)	mg/L
RW08-PZM003	RW-88	870	850	820	660	750	610	700	590	650	460	460	420	420	560	370	420	410	390	370	390	380	320 (B2)	mg/L
RW09-PZM004	New Well "X"	Note 1	2.8	8.5	1.9	5.1	3.2	2.0	4.3	0.043	0.07	0.040	0.042	0.039	0.04	0.02	0.0086	0.0063	0.02	0.019	0.011	0.058	0.024 (B1)	mg/L
RW10-PZM004	RW-26	5.9	5.5	6.1	0.41	0.54	0.62	0.33	0.55	0.02	0.18	0.032	0.18	0.045	0.07	0.067	0.028	0.018	0.057	<0.0050	0.020	0.018	460 (B2) (a)	mg/L
RW11-PZM004	New Well "Y"	Note 1	1300	2800	3200	3500	3500	1900	2300	1400	2800	2700	2000	1800	2800	1600	3700	1400	3500	2400	2100	1900	2200 (B2)	mg/L
RW12-PZM004	New Well "Z"	Note 1	92	21	14	64	190	150	220	200	220	130	5.9	93	180	4.3	5.8	2.3	1.7	3.8	5.6	24	14 (B2)	mg/L
RW19-PZP000	RW-8		***0.088***	0.038	0.025	0.067	0.14	0.053	0.064	0.022	0.027	0.020	0.046	0.02	0.02	0.01	0.023	0.010	0.054	0.0073	0.014	0.067	0.025 (B1)	mg/L
RW20-PZP000	RW20-PZP000		***0.044***	0.046	0.036	0.01	0.081	0.040	0.13	0.01	0.02	0.02	0.025	0.023	0.03	0.01	100	0.022	0.02	0.0053	0.0068	0.031	0.0081 (B1)	mg/L
TS04-PDM004	TS04-PDM004		5.5	15	1.6	3.8	8.2	4.3	14	0.240	15	0.31	0.17	0.24	0.05	0.15	0.12	0.033	0.02	0.021	0.12	0.039	0.027 (B1)	mg/L
TS04-PPM007	TS04-PPM007		***0.35***	0.072	0.037	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	mg/L
Intermediate (Sand 2) Monitoring Wells																								
RW01-PZM020	RW-1	330	27	89	150	140	74	58	110	170	140	100	160	100	150	130	120	140	150	94	150	130	95 (B2)	mg/L
RW02-PZM020	RW-2	2200	48	13	2500	2800	3100	3300	3300	3200	2800	2700	2700	45	2900	1500	2200	2300	800	330	3300	3100	2600	mg/L
RW07-PZM017	RW-6	480	430	780	770	700	540	440	580	430	530	600	590	520	570	520	550	310	300	230	420	390	410 (B2)	mg/L
RW10-PZM020	RW-27	410	600	480	580	540	630	550	630	690	210	560	600	580	520	510	530	540	550	500	530	510	450 (B2)	mg/L
RW13-PZM020	RW-4	Note 2	120	15	3.4	3.2	0.16	0.12	0.16	0.059	0.081	0.030	0.048	0.037	0.07	0.029	0.017	0.020	0.076	<0.0050	<0.0050	0.028	0.07 (B1)	mg/L
RW14-PZM020	New Well "A"	Note 1	390	480	370	490	450	440	440	440	340	390	380	340	350	290	310	150	260	260	300	290	280 (B2)	mg/L
RW15-PZM020	RW-24R	490	330	170	120	150	190	170	150	91	52	120	47	39	33	34	33	47	28	65	29	32	37 (B2)	mg/L
RW16-PZM020	New Well "B"	Note 1	13	90	110	110	120	97	91	100	85	80	80	81	70	69	69	71	66	60	61	61	59	mg/L
RW17-PZM019	New Well "C"	Note 1	170	25	37	29	20	300	210	220	170	96	76	6.3	46	42	34	42	40	48	46	48	45 (B2)	mg/L
RW19-PZM020	RW-12	***3.4***	0.91	13	14	1.8	6.0	13	24	26	24	20	24	19	22	17	14	14	17	11	10	0.2	5.6 (B2)	mg/L
RW20-PZM020	RW-9B	180	190	160	62	97	150	160	130	150	120	130	120	130	83	52	2.0	120.0	0.16	2.0	56	120	100 (B2) (a)	mg/L
RW21-PZM023	RW-32	Note 2	63	60	60	58	58	58	50	39	35	29	27	25	22	22	21	20	19	19	20	42	20 (B2)	mg/L
TS04-PZM023	New Well "D"	Note 1	220	94	110	78	25	34	34	39	35	32	27	15	17	140	5.4	4.0	12.0	19	16	9	8.7 (B2)	mg/L
Deep (Sand 3) Monitoring Wells																								
RW10-PZM065	RW-28		***0.096***	0.11	0.12	0.01	0.074	0.01	0.065	0.031	0.022	0.031	0.057	0.024	0.23	0.042	0.015	0.053	0.084	<0.0050	<0.0050	0.015	460 (B2) (a)	mg/L
RW18-PZM047	RW-22		15	7	5.8	9.2	13	26	15	7.3	12	6.9	4.9	4.7	2.9	1.8	6.9	1.2	1.1	3.9	5.7	3.3	0.48 (B2)	mg/L
RW19-PZM050	RW-13		0.53	0.43	0.42	0.19	0.23	0.24	0.087	0.092	0.051	0.19	0.22	0.086	0.05	0.33	0.22	0.54	0.17	0.092	0.19	0.15	0.16 (B1)	mg/L
RW20-PZM050	RW-10		***0.057***	0.38	0.042	0.25	0.33	0.42	0.19	0.29	0.081	0.32	0.11	0.2	0.2	0.31	0.041	0.14	110*	36	0.22	1	0.011 (B1)	mg/L

Note 1: New wells installed prior to 3rd quarter 2001.
Note 2: Replacement wells installed prior to 3rd quarter 2001.
Note 3: The 2008 4th Q results for RW20-PZP000 and RW20-PZM020 may relate to a transcription error, to be further evaluated during the next sampling round.
mg/L = milligrams per liter.
The blank cells represent data not collected.
The shaded cells are non-detect results; one-half the detection limit has been entered for statistical purposes.
The italicized values have been qualified by the data validator as qualitatively invalid due to their presence in associated laboratory or field blanks.
NS = Well destroyed. Not sampled.
* The reported concentration doesn't match historic values, which typically are less than 1 mg/L, and is considered to be an error in sampling/reporting convention for this well.
(a) Unreliable outlier value.
(B1) Target analyte detected in the method blank at or above the reporting limit.
(B2) Target analyte detected in the method blank at or above the reporting limit. Concentration found in the samples was 20 times the concentration found in the method blank.

APPENDIX A

Water Levels, Purge Records

and

Microbac Laboratory Data[1]

[1] Laboratory data is only included in the CD digital version of this report

Microbac Laboratories, Inc.

Severstal

Elevations @ the Former Rod & Wire Mill Area

Well Designation	Total Depth (ft.)		Depth to Water (ft.)
RW01-PZM020	30	32.08	12.15
RW02-PZM000	10	12.00	3.35
RW02-PZM020	30	32.26	12.82
RW03-PZM003	15	14.50	3.91
RW04-PZM003 P	15	14.75	4.03
RW05-PZM001	10	11.70	5.20
RW06-PZM001	10	12.16	4.18
RW07-PZM004	14	16.70	6.17
RW07-PZM017	30	32.00	13.15
RW08-PZM003	14	14.30	3.43
RW09-PZM004	14	15.50	5.11
RW10-PZM004	14	14.05	2.91
RW10-PZM020	30	31.54	15.44
RW10-PZM065	70	71.11	12.31
RW11-PZM004	14	16.67	5.91
RW12-PZM004	14	16.30	6.21
RW13-PZM020	30	31.48	12.95
RW14-PZM020	30	31.88	13.72
RW15-PZM020	32	32.04	17.49
RW16-PZM020	30	31.90	14.17
RW17-PZM019	29	31.88	13.96
RW18-PZM047	60	61.04	16.44
RW19-PZM020	30	32.09	16.00
RW19-PZM050	60	61.01	13.70
RW19-PZM000	10	12.00	8.45
RW20-PZM020	32	32.00	15.71
RW20-PZM050 P	60	61.25	10.44
RW20-PZM000	10	11.66	3.45
RW21-PZM023	33	34.69	15.00
TS04-PDM004	15	17.90	10.70
TS04-PZM023	33	34.21	12.21

Note:

1. Groundwater elevations were performed on 10/27/11 TH

11D1164

Report # 11D1164

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 13 - PZM 020 Tag: BA - 94 - 5709

Date of Purging: 4/22/11 Start Time: 10:10 Finish Time: 10:30 Weather: _____
Date of Collection: 4/22/11 Time of Collection: 10:25

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	NONE
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	14.89
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	14.35

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	14.4	14.6	14.6	14.7	14.7	14.7
pH	5.20	5.60	5.67	5.67	5.71	5.70
Specific Conductance (umhos/cm)	2640	2830	2830	2850	2880	2881
Dissolved Oxygen (mg/l)	2.32	2.41	2.20	2.17	2.17	2.17
Oxidation Reduction (eH)	311.8	190.7	186.9	165.7	150.7	150.6

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 22 / 11. (Tech – TM)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 11 - PZM 004 Tag: _____

Date of Purging: 4/22/11 Start Time: 9:30 Finish Time: 9:50 Weather: 45-50 °F
Date of Collection: 4/22/11 Time of Collection: 9:45

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	NONE
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	5.20
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	5.20

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	11.9	11.8	11.7	11.8	11.8	11.9
pH	3.83	3.65	3.59	3.53	3.52	3.49
Specific Conductance (umhos/cm)	9,400	8920	7930	7220	7200	7100
Dissolved Oxygen (mg/l)	0.46	0.51	0.56	0.61	0.55	0.53
Oxidation Reduction (eH)	456.1	458.4	473.8	490.2	490.2	502.6

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 22 / 11. (Tech – TG)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 12 - Pzm 004 Tag: BA-94-5704

Date of Purging: 4/22/11 Start Time: 10:53 Finish Time: 11:15 Weather: 45-50 °F
Date of Collection: 4/22/11 Time of Collection: 11:08

Well Status:

Good ✓ Grout _____
Good ✓ Casing _____
Good _____ Lock NONE
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	5.83
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	6.00

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	11.7	11.6	11.7	12.0	12.0	12.0
pH	6.34	6.37	6.39	6.38	6.39	6.39
Specific Conductance (umhos/cm)	657	657	659	669	668	667
Dissolved Oxygen (mg/l)	0.32	0.32	0.31	0.33	0.31	0.31
Oxidation Reduction (eH)	170.2	170.2	193.4	192.9	192.5	192.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 22 / 11. (Tech –)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 02 PZM 000 Tag: BM-81-4138

Date of Purging: 4/22/11 Start Time: 12:00 Finish Time: 12:15 Weather: 45-50°F
Date of Collection: 4/22/11 Time of Collection: 12:20

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	NONE
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	2.81
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	2.81

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	11.1	11.1	11.1	11.1	11.1	11.1
pH	6.81	6.83	6.85	6.85	6.85	6.89
Specific Conductance (umhos/cm)	1016	1016	1016	1016	1016	1016
Dissolved Oxygen (mg/l)	6.18	6.20	6.24	6.31	6.30	6.30
Oxidation Reduction (eH)	140	140.7	141.2	141.2	141.2	141.2

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 4 / 22 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW02 PZM 020 Tag: BM-81-4134

Date of Purging: 4/22/11 Start Time: 11:32 Finish Time: 11:55 Weather: 45-60 °F
Date of Collection: 4/22/11 Time of Collection: ~~11:55~~ 11:47

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	NONE
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	14.02
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	14.05

Number of minutes purged	0	3	6	9	12	Sample Reading	
Temperature (°C)	13.2	13.6	13.6	13.6	13.6	13.6	
pH	4.96	4.89	4.89	4.89	4.89	~~4.88~~	4.89
Specific Conductance (umhos/cm)	11450	11660	11720	11720	11720	11720	
Dissolved Oxygen (mg/l)	1.36	1.30	1.27	1.25	1.25	1.25	
Oxidation Reduction (eH)	323.6	323.7	308.1	308.1	308.1	308.1	

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor Clear
Color None

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 4 / 22 / 11 . (Tech –)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW10 PZM020 Tag: _____

Date of Purging: 4-27-11 Start Time: 1510 Finish Time: 1528 Weather: _____
Date of Collection: 4-27-11 Time of Collection: 1525

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	_____

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	17.1	17.3	17.3	17.1	17.1	17.1
pH	5.01	5.03	5.03	5.02	5.03	5.03
Specific Conductance (umhos/cm)	5010	5010	5010	5010	5010	5010
Dissolved Oxygen (mg/l)	3.11	2.98	2.91	2.93	2.94	2.93
Oxidation Reduction (eH)	104	104	96.1	96.3	96.4	96.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 27 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well **I.D.**: RW 03 PZM 003 Tag: _____

Date of Purging: 4-27-11 Start Time: 1420 Finish Time: 1450 Weather: _____
Date of Collection: 4-27-11 Time of Collection: 1445

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	_____

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	17.3	17.3	17.3	17.3	17.3	17.3
pH	6.01	5.50	5.50	5.51	5.51	5.51
Specific Conductance (umhos/cm)	1840	1830	1832	1836	1836	1836
Dissolved Oxygen (mg/l)	3.01	3.14	3.16	3.18	3.18	3.18
Oxidation Reduction (eH)	170.4	184.6	191	191	191	191

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 27 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW 15 PZM 020 Tag: _____

Date of Purging: 4-27-11 Start Time: 1400 Finish Time: 1420 Weather: _____
Date of Collection: 4-27-11 Time of Collection: 1415

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	_____

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	18.0	17.9	17.6	17.6	17.6	17.6
pH	6.00	5.98	5.98	5.98	5.98	5.98
Specific Conductance (umhos/cm)	9861	9861	9861	9861	9861	9861
Dissolved Oxygen (mg/l)	2.77	2.81	2.91	2.94	2.95	2.95
Oxidation Reduction (eH)	101	104	98.6	97.7	97.7	97.7

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 27 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well **I.D.**: T504 P2M 023 Tag: _____

Date of Purging: 4-27-11 Start Time: 1303 Finish Time: 1328 Weather: _____
Date of Collection: 4-27-11 Time of Collection: 1320

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	_____

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	17.5	17.5	17.5	17.5	17.5	17.5
pH	6.92	6.96	6.96	6.96	6.96	6.96
Specific Conductance (umhos/cm)	263	1040	1040	1040	1040	1040
Dissolved Oxygen (mg/l)	1.15	1.15	1.16	1.16	1.15	1.16
Oxidation Reduction (eH)	14150	14150	14150	14150	14150	14150

Purging Equipment		**Well Observation**	
Peristaltic Pump	✓	Odor	_____
Bladder Pump	_____	Color	_____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 27 / 11. (Tech – [signature])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well **I.D.**: RW 18 PZM 047 Tag: _____

Date of Purging: 4-27-11 Start Time: 1230 Finish Time: 1250 Weather: _____
Date of Collection: 4-27-11 Time of Collection: 1245

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	_____

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	(mv) 16.9	16.9	16.7	16.7	16.7	
pH	6.19 ~~6.91~~	6.19	6.21	6.22	6.23	
Specific Conductance (umhos/cm)	427	427	428	428	428	
Dissolved Oxygen (mg/l)	0.91	0.96	0.93	0.94	0.91	
Oxidation Reduction (eH)	550	550	550	550	550	

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 27 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well **I.D.**: RW19 P2M050 Tag: BA 81 4978

Date of Purging: 4-27-11 Start Time: 1150 Finish Time: 1225 Weather: _____
Date of Collection: 4-27-11 Time of Collection: 1205

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	_____

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	17.3	17.2	17.2	17.2	17.0	
pH	6.49	6.48	6.46	6.46	6.41	
Specific Conductance (umhos/cm)	274	274	274	274	274	
Dissolved Oxygen (mg/l)	0.31	0.35	0.41	0.42	0.41	
Oxidation Reduction (eH)	313	313	320	320	320	

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4-27/11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW19 PZM 020 Tag: BA S: 4979

Date of Purging: 4-27-11 Start Time: 1110 Finish Time: 1130 Weather: _____
Date of Collection: 4-27-11 Time of Collection: 1125

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	_____

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	16.9	16.9	16.7	16.6	16.6	16.6
pH	6.68	6.67	6.70	6.70	6.70	6.70
Specific Conductance (umhos/cm)	2.13	2.13	2.13	2.13	2.13	2.13
Dissolved Oxygen (mg/l)	1.29	1.30	1.35	1.36	1.36	1.36
Oxidation Reduction (eH)	1131	1131	1135	1135	1135	1135

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 27 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW19 PZM 000 Tag: BA 81 4980

Date of Purging: 4-27-11 Start Time: 1030 Finish Time: 1055 Weather: _____
Date of Collection: 4-27-11 Time of Collection: ~~1055~~ 1045
(rw)

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches) _____
Depth Measurements Performed (PVC/Metal) _____
Depth to Water from Top of Casing (0.01 ft.) prior to purging _____
Depth to Bottom from Top of Casing (0.01 ft.) ----------
Depth of Water in the Well (gallon) ----------
Volume of water in the Well (gallon) ----------
Depth to Water from Top of Casing (0.01 ft.) after purging ----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling _____

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	16.1	15.2	15.2	15.1	15.1	15.0
pH	5.83	6.41	6.41	6.42	6.42	6.42
Specific Conductance (umhos/cm)	655	659	659	672	672	672
Dissolved Oxygen (mg/l)	2.13	2.21	2.20	2.17	2.16	2.18
Oxidation Reduction (eH)	891	901	901	913	914	914

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 27 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW 21 P2M 023 Tag: _____

Date of Purging: 4-27-11 Start Time: 0900 Finish Time: 1022 Weather: _____
Date of Collection: 4-27-11 Time of Collection: 1015

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	_____

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	17.3	17.4	17.1	16.8	16.8	16.8
pH	2.11	2.04	2.03	2.02	2.02	2.02
Specific Conductance (umhos/cm)	9.31	9.49	9.49	9.51	9.51	9.51
Dissolved Oxygen (mg/l)	0.91	0.97	1.95	0.91	0.91	0.93
Oxidation Reduction (eH)	13260	13260	13260	13260	13260	13260

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 27 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW20 F2M 050 Tag: _____

Date of Purging: 4-27-11 Start Time: 0925 Finish Time: 0945 Weather: _____
Date of Collection: 4-27-11 Time of Collection: 0940

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	_____

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	16.2	16.2	16.2	16.2	16.2	16.2
pH	9.57	9.57	9.57	9.57	9.98	9.95
Specific Conductance (umhos/cm)	230	229	230	230	229	229
Dissolved Oxygen (mg/l)	0.47	0.48	0.49	0.48	0.48	0.47
Oxidation Reduction (eH)	1136	1136	1136	1136	1136	1136

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 27 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW 20 P2M 020 Tag: _____

Date of Purging: 4-27-11 Start Time: 900 Finish Time: 0918 Weather: _____
Date of Collection: 4-27-11 Time of Collection: 0925

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	_____

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	16.5	16.5	16.5	16.5	16.5	16.5
pH	3.15	3.15	3.14	3.14	3.15	3.15
Specific Conductance (umhos/cm)	3.74	3.79	3.89	3.89	3.89	3.89
Dissolved Oxygen (mg/l)	1.33	1.32	1.30	1.30	1.33	1.32
Oxidation Reduction (eH)	940	943	941	941	941	941

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 27 / 11. (Tech [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW20 PZM 000 Tag: _____

Date of Purging: 4-26-11 Start Time: 1400 Finish Time: 1417 Weather: _____
Date of Collection: 4-26-11 Time of Collection: 1415

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	3.70
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	4.00

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	15.5	15.5	15.5	15.5	15.5	15.5
pH	7.11	7.12	7.15	7.15	7.15	7.15
Specific Conductance (umhos/cm)	266	264	264	263	263	263
Dissolved Oxygen (mg/l)	0.45	0.47	0.44	0.41	0.44	0.43
Oxidation Reduction (eH)	767	767	767	767	767	767

Purging Equipment	✓	**Well Observation**
Peristaltic Pump	_____	Odor _____
Bladder Pump	_____	Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 26 / 11. (Tech – TG)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel
Site: Sparrows Point, MD
Well I.D.: TS04 P2M 004
Tag: _____

Date of Purging: 4-26-11 Start Time: 1320 Finish Time: 1340 Weather: _____
Date of Collection: 4-26-11 Time of Collection: 1335

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	11.63
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	10.04

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	15.4	15.0	15.0	15.0	15.0	
pH	6.13	6.42	6.51	6.68	6.70	
Specific Conductance (umhos/cm)	443	444	442	442	442	
Dissolved Oxygen (mg/l)	1.55	1.50	1.52	1.55	1.57	
Oxidation Reduction (eH)	996	998	996	999	1010	

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 26 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW 16 P2M 020 Tag: _____

Date of Purging: 4-26-11 Start Time: 1255 Finish Time: 1310 Weather: _____
Date of Collection: 4-26-11 Time of Collection: 1305

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	15.20
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	14.00

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	17.3	17.1	17.1	17.1	17.1	17.1
pH	4.73	4.64	4.64	4.64	4.64	4.64
Specific Conductance (umhos/cm)	1000	998	997	997	997	1000.2
Dissolved Oxygen (mg/l)	413	415	415	415	415	415
Oxidation Reduction (eH)	2.61	2.77	2.76	2.76	2.76	2.76

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 26 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW17 P2M 019 Tag: _____

Date of Purging: 4-26-11 Start Time: 1223 Finish Time: 1240 Weather: _____
Date of Collection: 4-26-11 Time of Collection: 1238

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	
Depth Measurements Performed (PVC/Metal)	
Depth to Water from Top of Casing (0.01 ft.) prior to purging	15.02
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	14.43

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	17.4	16.9	17.0	17.0	17.0	17.0
pH	2.19	2.24	4.40	4.41	4.41	4.42
Specific Conductance (umhos/cm)	3.20	3.33	4.66	4.66	4.66	4.66
Dissolved Oxygen (mg/l)	0.99	0.93	0.91	0.96	0.96	0.97
Oxidation Reduction (eH)	566	566	561	561	561	567

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 26 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW06 P2M 001 Tag: BA 81 7935

Date of Purging: 4-26-11 Start Time: 1140 Finish Time: 1158 Weather: _____
Date of Collection: 4-26-11 Time of Collection: 1155

Well Status:

Good		Grout	Cracked
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	
Depth Measurements Performed (PVC/Metal)	
Depth to Water from Top of Casing (0.01 ft.) prior to purging	3.55
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	3.49

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	19.9	17.0	16.6	16.0	15.5	15.5
pH	3.22	3.30	3.31	3.32	3.24	3.24
Specific Conductance (umhos/cm)	647	695	719	737	754	754
Dissolved Oxygen (mg/l)	1.76	1.70	1.69	1.67	1.66	1.62
Oxidation Reduction (eH)	779	780	780	781	781	781

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 26 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW10 PZM065 Tag: _____

Date of Purging: 4-26-11 Start Time: 1025 Finish Time: ~~1040~~ 1045 (MP) Weather: _____
Date of Collection: 4-26-11 Time of Collection: 1040

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	
Depth Measurements Performed (PVC/Metal)	
Depth to Water from Top of Casing (0.01 ft.) prior to purging	10.39
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	10.76

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	16.4	16.4	16.4	16.3	16.3	16.3
pH	11.71	11.72	11.72	11.72	11.72	11.72
Specific Conductance (umhos/cm)	870	870	873	873	873	873
Dissolved Oxygen (mg/l)	2.16	2.16	2.09	2.05	2.03	2.05
Oxidation Reduction (eH)	944	944	940	940	940	940

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 26 / 11. (Tech – [signature])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW 08 PZM 003 Tag: _____

Date of Purging: 4-26-11 Start Time: 1100 Finish Time: 1130 Weather: _____
Date of Collection: 4-26-11 Time of Collection: 1115

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	2.90
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	2.90

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	16.5	14.0	14.0	14.0	14.0	14.0
pH	5.97	4.57	4.69	4.68	4.68	4.68
Specific Conductance (umhos/cm)	1493	1655	1661	1662	1661	1661
Dissolved Oxygen (mg/l)	1.10	0.14	0.13	0.13	0.14	0.14
Oxidation Reduction (eH)	946	930	922	921	919	919

Purging Equipment		**Well Observation**
Peristaltic Pump	✓	Odor _____
Bladder Pump	_____	Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 26 / 11. (Tech –)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW10 PZM 004 Tag: _____

Date of Purging: 4-26-11 Start Time: 1000 Finish Time: 1020 Weather: _____
Date of Collection: 4-26-11 Time of Collection: 1015

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	
Depth Measurements Performed (PVC/Metal)	
Depth to Water from Top of Casing (0.01 ft.) prior to purging	1.73
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	0.97

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	15.8	15.1	15.1	15.1	15.1	15.1
pH	9.94	9.51	8.69	8.69	8.69	8.69
Specific Conductance (umhos/cm)	381	363	371	371	371	371
Dissolved Oxygen (mg/l)	1.97	2.10	2.14	2.14	2.14	2.14
Oxidation Reduction (eH)	436	436	436	436	436	436

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 26 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well **I.D.**: RW09 P2M 004 Tag: _____

Date of Purging: 4-26-11 Start Time: 0930 Finish Time: 0950 Weather: _____
Date of Collection: 4-26-11 Time of Collection: 0945

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	4.66
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	4.59

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	15.5	14.9	14.5	15.1	15.1	15.1
pH	10.99	11.85	11.99	12.02	12.02	12.04
Specific Conductance (umhos/cm)	512	694	687	724	698	698
Dissolved Oxygen (mg/l)	0.91	0.98	0.97	0.96	0.97	0.96
Oxidation Reduction (eH)	150	125	126	126	126	126

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 26 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW 14 P2M 020 Tag: 8194 5708

Date of Purging: 4-26-11 Start Time: 0855 Finish Time: 0915 Weather: _____
Date of Collection: 4-26-11 Time of Collection: ~~0915~~ 0910
MW

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	14.89
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	14.47

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	17.8	17.9	17.9	17.9	17.9	17.9
pH	5.52	5.53	5.53	5.54	5.57	5.57
Specific Conductance (umhos/cm)	3.07	3.06	3.08	3.08	3.17	3.17
Dissolved Oxygen (mg/l)	0.46	0.44	0.41	0.44	0.48	0.46
Oxidation Reduction (eH)	596	610	220.6	220.6	210.9	210.9

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 26 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW07 P2M017 Tag: BA 81 4132

Date of Purging: 4-25-11 Start Time: 1125 Finish Time: 1150 Weather: _____
Date of Collection: 4-25-11 Time of Collection: 1140

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	_____

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	16.5	16.6	16.5	16.5	16.5	16.5
pH	2.36	2.19	2.17	2.17	2.16	2.16
Specific Conductance (umhos/cm)	3710	3730	3750	3750	3750	3750
Dissolved Oxygen (mg/l)	1.46	1.45	1.43	1.40	1.42	1.41
Oxidation Reduction (eH)	562	562	562	561	560	560

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / ~~26~~ 25 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well **I.D.**: RW07 PZM 004 Tag: BA 94 9711

Date of Purging: 4-25-11 Start Time: 1100 Finish Time: 1120 Weather: _____
Date of Collection: 4-25-11 Time of Collection: 1115

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	_____
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	_____

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	14.5	14.4	14.4	14.3	14.3	14.3
pH	10.87	10.91	10.96	10.91	10.82	10.83
Specific Conductance (umhos/cm)	426	427	426	427	431	424
Dissolved Oxygen (mg/l)	0.96	0.97	0.95	0.91	0.93	0.91
Oxidation Reduction (eH)	4514	4514	4513	4512	4512	4512

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 25 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel
Site: Sparrows Point, MD
Well I.D.: RW04 P2M003
Tag: BA81 2491

Date of Purging: 4-25-11 Start Time: 1030 Finish Time: 1047 Weather: _____
Date of Collection: 4-25-11 Time of Collection: 1045

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	3.68
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	3.40

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	13.8	13.4	13.4	13.6	13.6	13.6
pH	6.60	6.65	6.65	6.71	6.71	6.72
Specific Conductance (umhos/cm)	1104	1095	1095	1083	1083	1083
Dissolved Oxygen (mg/l)	1.46	1.43	1.44	1.43	1.44	1.41
Oxidation Reduction (eH)	1160	1150	1150	1140	1140	1140

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 25 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well **I.D.**: RW01 PZM020 Tag: BA81 4133

Date of Purging: 4-25-11 Start Time: 0948 Finish Time: _____ Weather: _____
Date of Collection: 4-25-11 Time of Collection: 1003

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	13.41
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	13.39

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	15.4	15.1	15.4	15.4	15.4	15.4
pH	5.53	5.27	5.13	5.13	5.13	5.13
Specific Conductance (umhos/cm)	1897	1899	1902	1902	1902	1902
Dissolved Oxygen (mg/l)	1.47	1.40	1.45	1.45	1.43	1.43
Oxidation Reduction (eH)	2810	2810	2810	2810	2810	2810

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 25 / 11. (Tech – TG)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: RG Steel Site: Sparrows Point, MD
Well I.D.: RW05 P2M 001 Tag: BA 81 - 7934

Date of Purging: 4-25-11 Start Time: 0910 Finish Time: 0927 Weather: _____
Date of Collection: 4-25-11 Time of Collection: 0925

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	_____
Depth Measurements Performed (PVC/Metal)	_____
Depth to Water from Top of Casing (0.01 ft.) prior to purging	4.50
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	4.35

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	12.8	12.6	12.6	12.6	12.6	12.6
pH	7.50	7.35	7.23	7.18	7.18	7.18
Specific Conductance (umhos/cm)	745	791	805	822	821	8.21
Dissolved Oxygen (mg/l)	3.11	2.91	2.81	2.66	2.61	2.61
Oxidation Reduction (eH)	746	932	932	932	932	932

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor _____
Color _____

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 25 / 11. (Tech [illegible])

HQN:groundisg.doc.white

11J1391

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 01 PZM 020 Tag: BA 81 4133

Date of Purging: 10/28/11 Start Time: 11100 Finish Time: 1120 Weather: 55-60
Date of Collection: 10/28/11 Time of Collection: 11:15

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	12.15
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	12.17

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	16.2	16.2	16.1	15.9	15.9	15.9
pH	6.23	6.13	5.69	5.60	5.52	5.50
Specific Conductance (umhos/cm)						IN lab
Dissolved Oxygen (mg/l)	2.26	2.20	2.06	1.87	1.66	1.66
Oxidation Reduction (eH)	190.6 190.6	181.2	180.4	179.6	175.4	175.6

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 10 PZM 004 Tag: _____

Date of Purging: 10/1/11 Start Time: 11:30 Finish Time: 1150 Weather: 55-65
Date of Collection: 11/1/11 Time of Collection: 1145

Well Status:

Good	✓	Grout	
Good		Casing	OPEN TOP
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	2.91
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	1.90

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	17.2	17.0	16.5	16.3	16.3	16.3
pH	8.96	9.12	9.23	9.26	9.28	9.28
Specific Conductance (umhos/cm)	400	395	391	390	390	390
Dissolved Oxygen (mg/l)	1.22	1.15	1.15	1.15	1.15	1.15
Oxidation Reduction (eH)	146	144	140	140	140	140

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: No Latch To Cover well
RAIN OVER WEEK END
Reference SOP Field-014
Readings were performed on date of sampling 11 / 1 / 11. (Tech – TG)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 03 PZM 003 Tag: BA-81-2492

Date of Purging: 10/28/11 Start Time: 9:30 Finish Time: 9:50 Weather: 55-60
Date of Collection: 10/28/11 Time of Collection: 9:45

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	3.91
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	3.98

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	16.4	16.2	16.0	16.0	16.0	16.0
pH	5.46	5.46	5.13	5.10	5.09	5.08
Specific Conductance (umhos/cm)						IN Lab
Dissolved Oxygen (mg/l)	2.33	2.05	1.76	1.76	1.66	1.66
Oxidation Reduction (eH)	201.4	209.6	213.4	214.8	214.8	214.8

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – TG)

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Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: Sparrows Point, MD
Well I.D.: RW 02 PZM 000 Tag: BA-81-4138

Date of Purging: 10/28/11 Start Time: 8:35 Finish Time: 9:15 Weather: 55-60
Date of Collection: 10/28/11 Time of Collection: 9:10

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	3.35
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	3.35

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	16.4	16.0	16.0	16.0	16.0	16.0
pH	6.12	6.44	6.40	6.43	6.43	6.43
Specific Conductance (umhos/cm)						IN lab
Dissolved Oxygen (mg/l)	6.44	6.40	5.16	4.63	4.50	4.50
Oxidation Reduction (eH)	140.5	149.2	155.6	166.7	166.7	166.7

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:_____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11 . (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 02 PZM020 Tag: 13A - 81 - 4134

Date of Purging: 10/28/11 Start Time: 8:15 Finish Time: 8:35 Weather: 55 - 60
Date of Collection: 10/28/11 Time of Collection: 8:30

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	12.15
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	12.17

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	16.4	16.4	16.4	16.4	16.4	16.4
pH	6.04	5.91	5.48	5.40	5.38	5.38
Specific Conductance (umhos/cm)						In Lab
Dissolved Oxygen (mg/l)	3.31	2.13	2.06	1.99	1.99	1.99
Oxidation Reduction (eH)	120.4	149.3	157.8	155.3	155.4	155.3

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – TRO)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 17 PZM 019 Tag: _____

Date of Purging: 10/28/11 Start Time: 7:30 Finish Time: 750 Weather: 50 - 60 sun
Date of Collection: 10/28/11 Time of Collection: 745

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	13.96
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	13.96

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	16.2	16.2	16.2	16.2	16.2	16.2
pH	6.45	6.39	6.31	6.22	6.22	6.22
Specific Conductance (umhos/cm)						IN LAB
Dissolved Oxygen (mg/l)	1.44	1.49	1.30	1.28	1.28	1.28
Oxidation Reduction (eH)	109.3	121.4	199.4	213.6	213.8	213.9

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – TR)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 16 PZM 020 Tag: _____

Date of Purging: 10/28/11 Start Time: 7:00 Finish Time: 720 Weather: Sun 55-60
Date of Collection: 10/28/11 Time of Collection: 715

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	14.17
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	14.19

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	17.2	17.2	17.2	17.2	17.2	17.2
pH	5.43	5.36	5.33	5.29	5.29	5.29
Specific Conductance (umhos/cm)						IN LAB
Dissolved Oxygen (mg/l)	2.46	2.01	2.05	2.03	2.03	2.03
Oxidation Reduction (eH)	412.6	410.3	410.2	410.1	410.1	410.1

Purging Equipment		**Well Observation**	
Peristaltic Pump	✓	Odor	None
Bladder Pump		Color	Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – [illegible])

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Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW12 P2M 004 Tag: BA 94 5704

Date of Purging: 10/27/11 Start Time: 13:30 Finish Time: 13:45 Weather: Lt Rain 50-60°F
Date of Collection: 10/27/11 Time of Collection: 13:45

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	6.21
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	6.23

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	18.4	18.4	18.0	18.0	18.0	18.0
pH	6.31	6.27	6.35	6.37	6.37	6.37
Specific Conductance (umhos/cm)	628	628	629	630	630	630
Dissolved Oxygen (mg/l)	3.21	3.25	3.25	3.26	3.26	3.26
Oxidation Reduction (eH)	230.3	238.4	239.6	241.1	241.4	241.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 27 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 13 PZM 020 Tag: BA 94-5709

Date of Purging: 10/27/11 Start Time: 13:00 Finish Time: 13:15 Weather: Lt Rain 60-55°F
Date of Collection: 10/27/11 Time of Collection: 13:15

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	12.95
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	13.01

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	17.0	17.0	17.0	17.0	17.0	17.0
pH	5.73	4.21	4.15	4.13	4.13	4.13
Specific Conductance (umhos/cm)	1820	1825	1825	1825	1825	1825
Dissolved Oxygen (mg/l)	3.61	3.05	3.08	3.08	3.08	3.08
Oxidation Reduction (eH)	358.2	320.5	318.5	286.1	286.1	286.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color CLEAR

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 27 / 11. (Tech – TG)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 11 PZM 004 Tag: BA-94-5703

Date of Purging: 10/27/11 Start Time: 12:25 Finish Time: ~~1240~~ 1250 Weather: Lt Rain 60 -55
Date of Collection: 10/27/11 Time of Collection: 12:40 TO

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	5.95
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	6.13

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	19.6	17.3	17.3	17.3	17.3	17.3
pH	3.74	3.79	3.83	3.83	3.83	3.83
Specific Conductance (umhos/cm)	3222	3201	3201	3201	3201	3201
Dissolved Oxygen (mg/l)	4.33	0.93	1.36	2.44	2.44	2.44
Oxidation Reduction (eH)	341.7	126	135	135	135	135

Purging Equipment
Peristaltic Pump X
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 27 / 11. (Tech – TEO)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW04 PZM 003 Tag: BA 81 2451

Date of Purging: 10/28/11 Start Time: 11:25 Finish Time: 11:45 Weather: 55-60
Date of Collection: 10/28/11 Time of Collection: 11:40

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	4.03
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	4.04

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	16.2	16.0	16.1	16.1	16.1	16.1
pH	6.77	6.65	6.60	6.55	6.54	6.54
Specific Conductance (umhos/cm)						In Lab
Dissolved Oxygen (mg/l)	3.01	2.64	2.06	1.49	1.45	1.49
Oxidation Reduction (eH)	80.9	130.4	130.4	144.6	144.6	144.6

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:_____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11 . (Tech – [illegible])

HQN:groundisg.doc.white

Report #

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal**
Well I.D.: RW 14 P2m 020
Site: **ROD & WIRE**
Tag: [illegible] 5768

Date of Purging: 10/28/11 Start Time: 1220 Finish Time: 1240 Weather: 55-60
Date of Collection: [illegible] Time of Collection: 1235

Well Status:

Good ✓
Good ✓
Good
Good

Grout
Casing
Lock
Obstructions

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	13.72
Depth to Bottom from Top of Casing (0.01 ft.)	
Depth of Water in the Well (gallon)	
Volume of water in the Well (gallon)	
Depth to Water from Top of Casing (0.01 ft.) after purging	
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	13.75

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	16.3	16.1	16.1	16.1	16.1	15
pH	4.78	4.95	5.21	5.56	5.56	16.1
Specific Conductance (umhos/cm)						5.56
Dissolved Oxygen (mg/l)	1.30	1.31	1.31	1.33	1.30	IN lab
Oxidation Reduction (eH)	299.6	290.4	281.2	281.2	281.2	1.30
						281.3

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report # _____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal**

Well **I.D.**: RW05 PZM 001

Site: **ROD & WIRE**

Tag: BA 81 7934

Date of Purging: 10/28/11 Start Time: 11:55 Finish Time: 12:15 Weather: 55-60

Date of Collection: 10/28/11 Time of Collection: 12:10

Well Status:

Good ✓
Good ✓
Good
Good

Grout
Casing
Lock
Obstructions

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	5.20
Depth to Bottom from Top of Casing (0.01 ft.)	
Depth of Water in the Well (gallon)	
Volume of water in the Well (gallon)	
Depth to Water from Top of Casing (0.01 ft.) after purging	
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	5.18

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	16.1	16.1	16.1	16.1	16.1	16.1
pH	6.32	6.43	6.55	6.72	6.93	6.94
Specific Conductance (umhos/cm)	6.28 ↓	6.16 ↓	6.16 ↓	6.16 ↓	6.16 ↓	IN lab
Dissolved Oxygen (mg/l)						6.16
Oxidation Reduction (eH)	125.6	141.3	156.4	170.4	170.4	170.4

Purging Equipment

Peristaltic Pump
Bladder Pump ✓

Well Observation

Odor None
Color Clear

Rate of Purge _____ **milliliters / minute**

Comments:

Reference SOP Field-014

Readings were performed on date of sampling ____/____/____. (Tech –)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 20 PZM 020 Tag: BA 814982

Date of Purging: 10/31/11 Start Time: 14:05 Finish Time: 1425 Weather: 55-60
Date of Collection: 10/31/11 Time of Collection: 1420

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	15.71
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	15.75

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	18.4	18.3	18.0	18.0	18.0	18.0
pH	5.41	5.41	5.42	5.42	5.42	5.42
Specific Conductance (umhos/cm)	3970	3980	3980	3980	3980	3980
Dissolved Oxygen (mg/l)	3.24	3.01	3.01	3.05	3.00	3.01
Oxidation Reduction (eH)	255.3	286.4	278.8	278.1	278.1	278.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:_____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 21 PZM 023 Tag: BA 94 5706

Date of Purging: 10/31/11 Start Time: 1430 Finish Time: 1450 Weather: 55-60
Date of Collection: 10/31/11 Time of Collection: 1445

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	15.00
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	15.00

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	17.8	17.7	17.5	17.5	17.5	17.5
pH	2.79	2.80	2.81	2.83	2.83	2.83
Specific Conductance (umhos/cm)	9610	9710	9710	9710	9710	9710
Dissolved Oxygen (mg/l)	1.34	1.32	1.30	1.29	1.29	1.31
Oxidation Reduction (eH)	468.9	502.8	548.1	621.1	621.3	621.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge _____ **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 18 PZM 047 Tag: BA 81-4995

Date of Purging: 11/1/11 Start Time: 1250 Finish Time: 1310 Weather: 53-60
Date of Collection: 11/1/11 Time of Collection: 1305

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	16.44
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	16.32

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.6	17.3	17.3	17.3	17.3	17.3
pH	6.31	6.30	6.30	6.30	6.30	6.30
Specific Conductance (umhos/cm)	450	448	448	448	448	448
Dissolved Oxygen (mg/l)	4.32	3.29	3.01	3.05	3.05	3.05
Oxidation Reduction (eH)	313.6	353.7	353.9	353.9	353.9	353.9

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color CLEAR

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 11 / 1 / 11. (Tech – TH)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: TS 04 P2M 023 Tag: _____

Date of Purging: 11/1/11 Start Time: 1315 Finish Time: 1335 Weather: 55-60
Date of Collection: 11/1/11 Time of Collection: 1330

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	12.21
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	12.25

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	17.0	17.0	17.0	17.0	17.0	17.0
pH	6.00	6.57	6.72	6.90	6.90	6.90
Specific Conductance (umhos/cm)	315	910	13932	13932	13941	13941
Dissolved Oxygen (mg/l)	2.22	2.15	2.13	2.13	2.10	2.10
Oxidation Reduction (eH)	430	391	350	277	277	277

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Dark Brown

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 11 / 1 / 11. (Tech – TR)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW19 PZM 050 Tag: BA 81-4978

Date of Purging: 11/1/11 Start Time: 1340 Finish Time: 1400 Weather: 55-60
Date of Collection: 11/1/11 Time of Collection: 1355

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	13.70
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	13.72

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	18.0	18.0	18.0	18.0	18.0	18.0
pH	6.57	6.53	6.50	6.51	6.51	6.51
Specific Conductance (umhos/cm)	243	301	320	361	366	366
Dissolved Oxygen (mg/l)	1.46	1.40	1.41	1.40	1.41	1.41
Oxidation Reduction (eH)	261.4	170	158	158	158	158

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:_____

Reference SOP Field-014
Readings were performed on date of sampling 11 / 1 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW19 PZ19 020 Tag: BA 81 4979

Date of Purging: 11/1/11 Start Time: 1405 Finish Time: 1425 Weather: 55-60
Date of Collection: 11/1/11 Time of Collection: 1420

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	16.00
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	16.00

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.0	17.0	17.0	17.0	17.0	17.0
pH	6.61	6.19	6.15	6.14	6.15	6.15
Specific Conductance (umhos/cm)	1040	1090	1050	1050	1050	1050
Dissolved Oxygen (mg/l)	3.81	3.73	2.46	2.33	2.33	2.33
Oxidation Reduction (eH)	55.2	69.1	77.8	101.2	101.2	101.5

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 11 / 1 / 11. (Tech – [illegible])

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Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: Severstal Site: ROD & WIRE
Well I.D.: RW19 P2M 000 Tag: BA 81 4980

Date of Purging: 11/1/11 Start Time: 1430 Finish Time: 1450 Weather: 55-60
Date of Collection: 11/1/11 Time of Collection: 1445

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	8.45
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	8.45

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.0	17.0	17.0	17.0	17.0	17.0
pH	6.81	7.05	7.09	7.15	7.15	7.15
Specific Conductance (umhos/cm)	530	536	515	515	513	513
Dissolved Oxygen (mg/l)	2.33	2.33	2.27	2.27	2.26	2.26
Oxidation Reduction (eH)	30.2	41.2	43.4	49.9	49.8	50.5

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 11 / 1 / 11. (Tech – [illegible])

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Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: Severstal Site: ROD & WIRE
Well I.D.: RW 20 PZ1M 000 Tag: BN 51-4981

Date of Purging: 10/31/11 Start Time: 1340 Finish Time: 1400 Weather: 50-55
Date of Collection: 10/31/11 Time of Collection: 1355

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	3.45
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	3.48

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	18.6	18.0	18.0	18.0	18.0	18.0
pH	9.72	9.76	9.78	9.79	9.79	9.79
Specific Conductance (umhos/cm)	219	217	220	219	220	221
Dissolved Oxygen (mg/l)	4.33	4.13	3.91	3.88	3.80	3.80
Oxidation Reduction (eH)	268.9	266.8	267.8	259.1	261.3	261.3

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – [illegible])

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Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 20 P2M 050 Tag: 3A 3F 4993

Date of Purging: 10/31/11 Start Time: 1320 Finish Time: 1340 Weather: 50-55
Date of Collection: 10/31/11 Time of Collection: 1535

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	10.44
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	10.46

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	18.4	18.0	18.0	18.0	18.0	18.0
pH	7.13	7.10	7.08	7.06	7.06	7.04
Specific Conductance (umhos/cm)	283	283	282	280	280	279
Dissolved Oxygen (mg/l)	2.93	2.86	2.77	2.70	2.69	2.69
Oxidation Reduction (eH)	330.6	340	340.6	336.4	336.4	336.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor none
Color clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: Severstal Site: ROD & WIRE
Well I.D.: TS 04 P2M 004 Tag: a/c T43

Date of Purging: [illegible] Start Time: 12:55 Finish Time: 13:15 Weather: 55-50
Date of Collection: [illegible] Time of Collection: 13:10

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	10.70
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	10.70

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.3	17.5	~~17.5~~ 17.5	17.5	17.5	17.5
pH	7.33	6.52	6.70	7.24	7.23	~~7.22~~ 7.24
Specific Conductance (umhos/cm)	346	364	360	364	365	364
Dissolved Oxygen (mg/l)	3.26	3.16	2.99	2.99	2.95	2.95
Oxidation Reduction (eH)	400.6	405.2	402.6	403.8	403.9	403.9

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor Blade
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 21 / 11. (Tech – [illegible])

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Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW15 PZM 020 Tag: Sheet 24

Date of Purging: 10/21/10 Start Time: 1230 Finish Time: 1250 Weather: 55-52
Date of Collection: 10/21/10 Time of Collection: 1245

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	17.49
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	17.49

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.0	17.0	17.0	17.0	17.0	17.0
pH	6.00	6.00	6.00	6.00	6.00	6.00
Specific Conductance (umhos/cm)	10020	10020	10020	10020	10020	10020
Dissolved Oxygen (mg/l)	50.2	50.2	50.2	50.2	50.2	50.2
Oxidation Reduction (eH)	0.44	0.43	0.44	0.43	0.44	0.43

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor 0.05
Color 0 [illegible]

Rate of Purge 50 **milliliters / minute**

Comments:_____

Reference SOP Field-014
Readings were performed on date of sampling ___/___/___. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**

Well I.D.: RW 10 [illegible] Tag: [illegible]

Date of Purging: 10/31/11 Start Time: 1200 Finish Time: 1200 Weather: [illegible]

Date of Collection: 10/31/11 Time of Collection: 1215

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	12.31
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	2.01

	0	3	6	9	12	Sample Reading 15
Number of minutes purged						
Temperature (°C)	18.4	18.0	17.5	17.0	17.0	17.0
pH	10.32	10.44	10.65	7.54	7.50	7.50
Specific Conductance (umhos/cm)	~~7.32~~	729	848	1012	1012	1012
Dissolved Oxygen (mg/l)	2.92	2.90	2.94	2.00	2.01	2.01
Oxidation Reduction (eH)	231.6	249.1	249.1	249.1	249.1	249.1

Purging Equipment

Peristaltic Pump ✓

Bladder Pump _____

Well Observation

Odor Musk

Color Clear

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014

Readings were performed on date of sampling 10 / 31 / 11. (Tech [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 10 PEM 020 Tag: Shed 27

Date of Purging: 10/31/11 Start Time: 11:05 Finish Time: 11:25 Weather: 55-50
Date of Collection: 10/31 Time of Collection: 11:20

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	15.44
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	15.44

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.6	17.2	17.0	17.0	17.0	17.0
pH	5.30	5.22	5.21	5.25	5.20	5.20
Specific Conductance (umhos/cm)	4805	4805	4805	4805	4805	4805
Dissolved Oxygen (mg/l)	3.16	2.53	2.53	2.53	2.53	2.53
Oxidation Reduction (eH)	105.4	105.4	104.3	104.1	104.1	104.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – [signature])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 08 PZM 003 Tag: BM 81-2488

Date of Purging: 10/31/11 Start Time: 1040 Finish Time: 1100 Weather: 50-55
Date of Collection: 10/31/11 Time of Collection: 1055

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	3.43
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	3.43

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	17.0	17.0	17.0	17.0	17.0	17.0
pH	4.72	4.66	4.64	4.65	4.65	4.65
Specific Conductance (umhos/cm)	1585	1764	1820	1821	1821	1821
Dissolved Oxygen (mg/l)	4.33	2.15	2.16	2.15	2.16	2.16
Oxidation Reduction (eH)	219.6	220.4	221.5	221.5	221.5	221.5

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor Musty
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW09 P2M CCC1 Tag: BA 921 5701

Date of Purging: 10/31/11 Start Time: 9:05 Finish Time: 9:25 Weather: 55 SC
Date of Collection: 10/31/11 Time of Collection: 9:20

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	5.11
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	5.13

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.3	17.0	17.0	17.0	17.0	17.0
pH	11.46	11.49	11.50	11.50	11.53	11.53
Specific Conductance (umhos/cm)	743	770	778	778	813	813
Dissolved Oxygen (mg/l)	3.26	3.19	3.01	2.96	2.96	2.96
Oxidation Reduction (eH)	251.8	247.2	243.9	243.3	239.3	239.3

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 06 PZM 001 Tag: BA 81 7935

Date of Purging: 10/31/11 Start Time: 9:35 Finish Time: 9:50 Weather: 55-60
Date of Collection: 10/31/11 Time of Collection: 9:45

Well Status:

Good		Grout	Cracked
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	4.18
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	4.18

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.7	17.7	17.5	17.3	17.3	17.3
pH	7.43	7.29	7.26	7.19	7.17	7.17
Specific Conductance (umhos/cm)	501	501	501	503	505	505
Dissolved Oxygen (mg/l)	1.74	1.66	1.65	1.65	1.64	1.64
Oxidation Reduction (eH)	303.8	303.5	313.3	313.9	320.1	320.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – TC)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW07 PZM 017 Tag: BN 81 4132

Date of Purging: 10/31/11 Start Time: 8:30 Finish Time: 8:50 Weather: 55 50
Date of Collection: 10/31/11 Time of Collection: 8:45

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good	✓	Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	13.15
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	13.17

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	16.5	16.5	16.5	16.5	16.5	16.5
pH	3.64	3.62	3.62	3.62	3.62	3.62
Specific Conductance (umhos/cm)	3590	3980	3980	3980	3980	3980
Dissolved Oxygen (mg/l)	2.46	2.13	1.92	1.91	1.93	1.93
Oxidation Reduction (eH)	563.7	497.1	497.5	497.1	497.1	497.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor O/C clear
Color O/C none

Rate of Purge 150 **milliliters / minute**

Comments:_____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11 . (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW07 PZ001 004 Tag: BN-94-5711

Date of Purging: 10/31/11 Start Time: 8:00 Finish Time: 8:20 Weather: 55-50
Date of Collection: 10/31/11 Time of Collection: 8:15

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good	✓	Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	6.17
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	6.70

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	18.0	18.0	18.0	18.0	18.0	18.0
pH	10.65	10.65	10.66	10.66	10.66	10.66
Specific Conductance (umhos/cm)	447	447	444	444	444	444
Dissolved Oxygen (mg/l)	2.26	2.20	2.18	2.01	2.01	2.01
Oxidation Reduction (eH)	469.0	468.0	467	467	467	467

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

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Baltimore Division

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COVER LETTER

April 30, 2011

Report No.: 11D1164

Russ Becker
RG Steel, LLC

1430 Sparrows Point Blvd

Sparrows Point, MD 21219

RE: Rod & Wire Mill Wells -2011

The report of analyses contains test results for samples received at Microbac Laboratories, Inc., Baltimore Division on 04/27/2011 15:50.

The enclosed results were obtained from and applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report has been reviewed and meet the applicable project and certification specific requirements, unless otherwise noted.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories, Inc.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

This Data Package contains the following:

- This Cover Page
- Sample Summary
- Case Narative
- Test Results
- QC Summary
- Notes and Definitions
- Cooler Receipt Log
- Chain of Custody
- Data

4/30/2011

Final report reviewed by: Lewis B. Gunn III/Project Manager Report issue date

All samples received in proper condition and results conform to ISO 17025 standards unless otherwise noted.

If we have not met or exceeded your expectations, please contact the Director or Trevor Boyce, President at tboyce@microbac.com or Robert Morgan, Chief Operation Officer, at rmorgan@microbac.com.

Microbac Laboratories, Inc.

Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11D1164
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
RW11-PZM004	11D1164-01	Ground Water	Not Specified	04/22/2011 09:45	04/27/2011 15:50
RW13-PZM020	11D1164-02	Ground Water	Not Specified	04/22/2011 10:25	04/27/2011 15:50
RW12-PZM004	11D1164-03	Ground Water	Not Specified	04/22/2011 11:08	04/27/2011 15:50
RW02-PZM020	11D1164-04	Ground Water	Not Specified	04/22/2011 11:47	04/27/2011 15:50
RW02-PZM000	11D1164-05	Ground Water	Not Specified	04/22/2011 12:15	04/27/2011 15:50
Equipment Blank	11D1164-06	Water	Not Specified	04/22/2011 09:23	04/27/2011 15:50
RW05-PZM001	11D1164-07	Ground Water	Not Specified	04/25/2011 09:25	04/27/2011 15:50
RW01-PZM020	11D1164-08	Ground Water	Not Specified	04/25/2011 10:03	04/27/2011 15:50
RW04-PZM003	11D1164-09	Ground Water	Not Specified	04/25/2011 10:45	04/27/2011 15:50
RW07-PZM004	11D1164-10	Ground Water	Not Specified	04/25/2011 11:15	04/27/2011 15:50
RW07-PZM017	11D1164-11	Ground Water	Not Specified	04/25/2011 11:40	04/27/2011 15:50
RW07-PZM017 Duplicate	11D1164-12	Ground Water	Not Specified	04/25/2011 11:40	04/27/2011 15:50
Equipment Blank	11D1164-13	Water	Not Specified	04/25/2011 09:20	04/27/2011 15:50
Field Blank	11D1164-14	Water	Not Specified	04/26/2011 08:50	04/27/2011 15:50
Equipment Blank	11D1164-15	Water	Not Specified	04/26/2011 08:45	04/27/2011 15:50
RW14-PZM020	11D1164-16	Ground Water	Not Specified	04/26/2011 09:10	04/27/2011 15:50
RW09-PZM004	11D1164-17	Ground Water	Not Specified	04/26/2011 09:45	04/27/2011 15:50
RW10-PZM004	11D1164-18	Ground Water	Not Specified	04/26/2011 10:15	04/27/2011 15:50
RW10-PZM065	11D1164-19	Ground Water	Not Specified	04/26/2011 10:40	04/27/2011 15:50
RW08-PZM003	11D1164-20	Ground Water	Not Specified	04/26/2011 11:15	04/27/2011 15:50
RW06-PZM001	11D1164-21	Ground Water	Not Specified	04/26/2011 11:55	04/27/2011 15:50
RW17-PZM019	11D1164-22	Ground Water	Not Specified	04/26/2011 12:38	04/27/2011 15:50
RW16-PZM020	11D1164-23	Ground Water	Not Specified	04/26/2011 13:05	04/27/2011 15:50
TS04-PZM004	11D1164-24	Ground Water	Not Specified	04/26/2011 13:35	04/27/2011 15:50
RW20-PZM000	11D1164-25	Ground Water	Not Specified	04/26/2011 14:15	04/27/2011 15:50

Microbac Laboratories, Inc., Baltimore Division

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Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
RW20-PZM000 Duplicate	11D1164-26	Ground Water	Not Specified	04/26/2011 14:15	04/27/2011 15:50
RW20-PZM020	11D1164-27	Ground Water	Not Specified	04/27/2011 09:15	04/27/2011 15:50
RW20-PZM050	11D1164-28	Ground Water	Not Specified	04/27/2011 09:40	04/27/2011 15:50
RW21-PZM023	11D1164-29	Ground Water	Not Specified	04/27/2011 10:15	04/27/2011 15:50
RW19-PZM000	11D1164-30	Ground Water	Not Specified	04/27/2011 10:45	04/27/2011 15:50
RW19-PZM020	11D1164-31	Ground Water	Not Specified	04/27/2011 11:25	04/27/2011 15:50
RW19-PZM050	11D1164-32	Ground Water	Not Specified	04/27/2011 12:05	04/27/2011 15:50
RW18-PZM047	11D1164-33	Ground Water	Not Specified	04/27/2011 12:45	04/27/2011 15:50
TS04-PZM023	11D1164-34	Ground Water	Not Specified	04/27/2011 13:20	04/27/2011 15:50
RW15-PZM020	11D1164-35	Ground Water	Not Specified	04/27/2011 14:15	04/27/2011 15:50
RW03-PZM003	11D1164-36	Ground Water	Not Specified	04/27/2011 14:45	04/27/2011 15:50
RW10-PZM020	11D1164-37	Ground Water	Not Specified	04/27/2011 15:25	04/27/2011 15:50
RW03-PZM003 Duplicate	11D1164-38	Ground Water	Not Specified	04/27/2011 14:45	04/27/2011 15:50
Equipment Blank	11D1164-39	Water	Not Specified	04/27/2011 09:00	04/27/2011 15:50

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

CASE NARRATIVE

RG Steel, LLC
Rod & Wire Mill Wells -2011
Russ Becker
1430 Sparrows Point Blvd
Sparrows Point , MD 21219

39 sample(s) were received by Melanie C. Duszynski of Microbac laboratories, Baltimore Division on 4/27/2011 3:50:00 PM and sample(s) condition(s) were checked and found to be acceptable unless otherwise noted in the 'Cooler Receipt Log' or 'Statement of Qualifications' sections of this report. The samples were logged into the LIMS by Melanie C. Duszynski on 4/22/2011 2:16:00 PM and compared to the client DQO. Any deviations from the client DQO and method specific quality control requirements are noted in the 'Statement of Data Qualifications'.

Other Notes/Comments:

None.

STATEMENT OF DATA QUALIFICATIONS

All samples recieved in proper condition unless otherwise noted below.
All quality control parameters were meet unless otherwise noted below.

Qualifications:

The matrix spike recovery was out of acceptance limits. The post digestion spike recovery was acceptable.

Analyte & Samples(s) Qualified:

Cadmium

1118145-MSD1

Qualifications:

The matrix spike recovery was out of acceptance limits. The post digestion spike recovery was acceptable.

Analyte & Samples(s) Qualified:

Zinc

1118145-MSD1

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW11-PZM004

11D1164-01 (Ground Water) Sampled: 04/22/2011 09:45; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**240**	1.0	NTU	042211 1700	042211 1700	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**20**	0.50	mg/L	042811 1012	042911 1307	APS	EPA 200.7/6010B	
Zinc	**1900**	5.0	mg/L	042811 1012	042911 1307	APS	EPA 200.7/6010B	

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW13-PZM020

11D1164-02 (Ground Water) Sampled: 04/22/2011 10:25; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**27**	0.10	NTU	042211 1700	042211 1700	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.00062**	0.00050	mg/L	042811 1012	042911 1311	APS	EPA 200.7/6010B	
Zinc	**0.028**	0.0050	mg/L	042811 1012	042911 1311	APS	EPA 200.7/6010B	

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CERTIFICATE OF ANALYSIS

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW12-PZM004

11D1164-03 (Ground Water) Sampled: 04/22/2011 11:08; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**67**	0.50	NTU	042211 1700	042211 1700	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.38**	0.00050	mg/L	042811 1012	042911 1317	APS	EPA 200.7/6010B	
Zinc	**24**	0.0050	mg/L	042811 1012	042911 1317	APS	EPA 200.7/6010B	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11D1164
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW02-PZM020

11D1164-04 (Ground Water) Sampled: 04/22/2011 11:47; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**120**	1.0	NTU	042211 1700	042211 1700	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.13**	0.050	mg/L	042811 1012	042911 1321	APS	EPA 200.7/6010B	
Zinc	**3100**	5.0	mg/L	042811 1012	042911 1325	APS	EPA 200.7/6010B	

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW02-PZM000

11D1164-05 (Ground Water) Sampled: 04/22/2011 12:15; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**0.77**	0.10	NTU	042211 1700	042211 1700	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.11**	0.00050	mg/L	042811 1012	042911 1329	APS	EPA 200.7/6010B	
Zinc	**4.3**	0.0050	mg/L	042811 1012	042911 1329	APS	EPA 200.7/6010B	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11D1164
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Equipment Blank

11D1164-06 (Water) Sampled: 04/22/2011 09:23; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.0014**	0.00050	mg/L	042811 1012	042911 1333	APS	EPA 200.7/6010B	
Zinc	**0.038**	0.0050	mg/L	042811 1012	042911 1333	APS	EPA 200.7/6010B	

Microbac Laboratories, Inc., Baltimore Division

Lewis B. Gunn III, Project Manager

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11D1164
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW05-PZM001

11D1164-07 (Ground Water) Sampled: 04/25/2011 09:25; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**0.25**	0.10	NTU	042611 0945	042611 0945	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.032**	0.00050	mg/L	042811 1012	042911 1344	APS	EPA 200.7/6010B	
Zinc	**1.0**	0.0050	mg/L	042811 1012	042911 1344	APS	EPA 200.7/6010B	

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11D1164
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW01-PZM020

11D1164-08 (Ground Water) Sampled: 04/25/2011 10:03; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**15**	0.10	NTU	042611 0945	042611 0945	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.40**	0.050	mg/L	042811 1012	042911 1352	APS	EPA 200.7/6010B	
Zinc	**130**	0.50	mg/L	042811 1012	042911 1352	APS	EPA 200.7/6010B	

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11D1164
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW04-PZM003

11D1164-09 (Ground Water) Sampled: 04/25/2011 10:45; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**150**	1.0	NTU	042611 0945	042611 0945	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.78**	0.0050	mg/L	042811 1012	042911 1356	APS	EPA 200.7/6010B	
Zinc	**14**	0.050	mg/L	042811 1012	042911 1356	APS	EPA 200.7/6010B	

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CERTIFICATE OF ANALYSIS

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW07-PZM004

11D1164-10 (Ground Water) Sampled: 04/25/2011 11:15; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**8.0**	0.10	NTU	042611 0945	042611 0945	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.0050	mg/L	042811 1012	042911 1400	APS	EPA 200.7/6010B	
Zinc	**3.6**	0.050	mg/L	042811 1012	042911 1400	APS	EPA 200.7/6010B	

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RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11D1164
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW07-PZM017

11D1164-11 (Ground Water) Sampled: 04/25/2011 11:40; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**32**	0.10	NTU	042611 0945	042611 0945	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**8.9**	0.050	mg/L	042811 1012	042911 1403	APS	EPA 200.7/6010B	
Zinc	**390**	0.50	mg/L	042811 1012	042911 1403	APS	EPA 200.7/6010B	

Microbac Laboratories, Inc., Baltimore Division

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW07-PZM017 Duplicate

11D1164-12 (Ground Water) Sampled: 04/25/2011 11:40; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**9.5**	0.050	mg/L	042811 1012	042911 1407	APS	EPA 200.7/6010B	
Zinc	**420**	0.50	mg/L	042811 1012	042911 1407	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Equipment Blank

11D1164-13 (Water) Sampled: 04/25/2011 09:20; Type: Not Specified

Microbac Laboratories, Inc., Baltimore Division

Metals, Total by EPA 200/6000 Series Methods

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Cadmium	ND	0.00050	mg/L	042811 1012	042911 1411	APS	EPA 200.7/6010B	
Zinc	**0.012**	0.0050	mg/L	042811 1012	042911 1411	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Field Blank

11D1164-14 (Water) Sampled: 04/26/2011 08:50; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	042811 1012	042911 1415	APS	EPA 200.7/6010B	
Zinc	**0.015**	0.0050	mg/L	042811 1012	042911 1415	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Equipment Blank

11D1164-15 (Water) Sampled: 04/26/2011 08:45; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	042811 1012	042911 1418	APS	EPA 200.7/6010B	
Zinc	**0.0076**	0.0050	mg/L	042811 1012	042911 1418	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW14-PZM020

11D1164-16 (Ground Water) Sampled: 04/26/2011 09:10; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**160**	1.0	NTU	042811 0850	042811 0850	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.57**	0.050	mg/L	042811 1012	042911 1437	APS	EPA 200.7/6010B	
Zinc	**290**	0.50	mg/L	042811 1012	042911 1437	APS	EPA 200.7/6010B	

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RW09-PZM004

11D1164-17 (Ground Water) Sampled: 04/26/2011 09:45; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**3.0**	0.10	NTU	042811 0850	042811 0850	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.00052**	0.00050	mg/L	042811 1012	042911 1441	APS	EPA 200.7/6010B	
Zinc	**0.058**	0.0050	mg/L	042811 1012	042911 1441	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW10-PZM004

11D1164-18 (Ground Water) Sampled: 04/26/2011 10:15; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**0.59**	0.10	NTU	042811 0850	042811 0850	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	042811 1012	042911 1445	APS	EPA 200.7/6010B	
Zinc	**0.018**	0.0050	mg/L	042811 1012	042911 1445	APS	EPA 200.7/6010B	

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RW10-PZM065

11D1164-19 (Ground Water) Sampled: 04/26/2011 10:40; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**0.25**	0.10	NTU	042811 0850	042811 0850	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	042811 1012	042911 1449	APS	EPA 200.7/6010B	
Zinc	**0.015**	0.0050	mg/L	042811 1012	042911 1449	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW08-PZM003

11D1164-20 (Ground Water) Sampled: 04/26/2011 11:15; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**12**	0.10	NTU	042811 0850	042811 0850	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**21**	0.050	mg/L	042811 1012	042911 1453	APS	EPA 200.7/6010B	
Zinc	**380**	0.50	mg/L	042811 1012	042911 1453	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW06-PZM001

11D1164-21 (Ground Water) Sampled: 04/26/2011 11:55; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**2.9**	0.10	NTU	042811 0850	042811 0850	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**2.3**	0.050	mg/L	042811 1036	042911 1532	APS	EPA 200.7/6010B	
Zinc	**17**	0.50	mg/L	042811 1036	042911 1532	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW17-PZM019

11D1164-22 (Ground Water) Sampled: 04/26/2011 12:38; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**120**	1.0	NTU	042811 0850	042811 0850	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**6.2**	0.0050	mg/L	042811 1036	042911 1536	APS	EPA 200.7/6010B	
Zinc	**48**	0.050	mg/L	042811 1036	042911 1536	APS	EPA 200.7/6010B	

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RW16-PZM020

11D1164-23 (Ground Water) Sampled: 04/26/2011 13:05; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**7.9**	0.10	NTU	042811 0850	042811 0850	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.0050	mg/L	042811 1036	042911 1540	APS	EPA 200.7/6010B	
Zinc	**61**	0.050	mg/L	042811 1036	042911 1540	APS	EPA 200.7/6010B	

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TS04-PZM004

11D1164-24 (Ground Water) Sampled: 04/26/2011 13:35; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**5.2**	0.10	NTU	042811 0850	042811 0850	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	042811 1036	042911 1544	APS	EPA 200.7/6010B	
Zinc	**0.039**	0.0050	mg/L	042811 1036	042911 1544	APS	EPA 200.7/6010B	

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RW20-PZM000

11D1164-25 (Ground Water) Sampled: 04/26/2011 14:15; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**1.4**	0.10	NTU	042811 0850	042811 0850	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	042811 1036	042911 1548	APS	EPA 200.7/6010B	
Zinc	**0.031**	0.0050	mg/L	042811 1036	042911 1548	APS	EPA 200.7/6010B	

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RW20-PZM000 Duplicate

11D1164-26 (Ground Water) Sampled: 04/26/2011 14:15; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	042811 1036	042911 1552	APS	EPA 200.7/6010B	
Zinc	**0.031**	0.0050	mg/L	042811 1036	042911 1552	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW20-PZM020

11D1164-27 (Ground Water) Sampled: 04/27/2011 09:15; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**160**	1.0	NTU	042811 1846	042811 1846	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.0050	mg/L	042811 1036	042911 1556	APS	EPA 200.7/6010B	
Zinc	**120**	0.50	mg/L	042811 1036	042911 1726	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW20-PZM050

11D1164-28 (Ground Water) Sampled: 04/27/2011 09:40; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**170**	1.0	NTU	042811 1846	042811 1846	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.0010**	0.00050	mg/L	042811 1036	042911 1600	APS	EPA 200.7/6010B	
Zinc	**1.0**	0.0050	mg/L	042811 1036	042911 1600	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW21-PZM023

11D1164-29 (Ground Water) Sampled: 04/27/2011 10:15; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**11**	0.10	NTU	042811 1846	042811 1846	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**3.9**	0.0050	mg/L	042811 1036	042911 1616	APS	EPA 200.7/6010B	
Zinc	**42**	0.050	mg/L	042811 1036	042911 1616	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW19-PZM000

11D1164-30 (Ground Water) Sampled: 04/27/2011 10:45; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**7.8**	0.10	NTU	042811 1846	042811 1846	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.0010**	0.00050	mg/L	042811 1036	042911 1621	APS	EPA 200.7/6010B	
Zinc	**0.067**	0.0050	mg/L	042811 1036	042911 1621	APS	EPA 200.7/6010B	

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RW19-PZM020

11D1164-31 (Ground Water) Sampled: 04/27/2011 11:25; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**13**	0.10	NTU	042811 1846	042811 1846	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.0050	mg/L	042811 1036	042911 1625	APS	EPA 200.7/6010B	
Zinc	**0.20**	0.050	mg/L	042811 1036	042911 1625	APS	EPA 200.7/6010B	

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11D1164
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW19-PZM050

11D1164-32 (Ground Water) Sampled: 04/27/2011 12:05; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**38**	0.10	NTU	042811 1846	042811 1846	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.0027**	0.00050	mg/L	042811 1036	042911 1629	APS	EPA 200.7/6010B	
Zinc	**0.15**	0.0050	mg/L	042811 1036	042911 1629	APS	EPA 200.7/6010B	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW18-PZM047

11D1164-33 (Ground Water) Sampled: 04/27/2011 12:45; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**180**	1.0	NTU	042811 1846	042811 1846	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.0022**	0.00050	mg/L	042811 1036	042911 1645	APS	EPA 200.7/6010B	
Zinc	**3.3**	0.0050	mg/L	042811 1036	042911 1645	APS	EPA 200.7/6010B	

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

TS04-PZM023

11D1164-34 (Ground Water) Sampled: 04/27/2011 13:20; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**240**	1.0	NTU	042811 1846	042811 1846	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.25**	0.0050	mg/L	042811 1036	042911 1649	APS	EPA 200.7/6010B	
Zinc	**9.0**	0.050	mg/L	042811 1036	042911 1649	APS	EPA 200.7/6010B	

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW15-PZM020

11D1164-35 (Ground Water) Sampled: 04/27/2011 14:15; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**740**	1.0	NTU	042811 1846	042811 1846	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**1.0**	0.0050	mg/L	042811 1036	042911 1653	APS	EPA 200.7/6010B	
Zinc	**32**	0.050	mg/L	042811 1036	042911 1653	APS	EPA 200.7/6010B	

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW03-PZM003

11D1164-36 (Ground Water) Sampled: 04/27/2011 14:45; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**140**	1.0	NTU	042811 1846	042811 1846	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**3.6**	0.050	mg/L	042811 1036	042911 1730	APS	EPA 200.7/6010B	
Zinc	**140**	0.50	mg/L	042811 1036	042911 1730	APS	EPA 200.7/6010B	

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RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11D1164
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW10-PZM020

11D1164-37 (Ground Water) Sampled: 04/27/2011 15:25; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**30**	0.10	NTU	042811 1846	042811 1846	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**10**	0.0050	mg/L	042811 1036	042911 1709	APS	EPA 200.7/6010B	
Zinc	**510**	0.50	mg/L	042811 1036	042911 1713	APS	EPA 200.7/6010B	

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW03-PZM003 Duplicate

11D1164-38 (Ground Water) Sampled: 04/27/2011 14:45; Type: Not Specified

Microbac Laboratories, Inc., Baltimore Division

Metals, Total by EPA 200/6000 Series Methods

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Cadmium	**2.7**	0.050	mg/L	042811 1036	042911 1733	APS	EPA 200.7/6010B	
Zinc	**140**	0.50	mg/L	042811 1036	042911 1733	APS	EPA 200.7/6010B	

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Equipment Blank

11D1164-39 (Water) Sampled: 04/27/2011 09:00; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.00058**	0.00050	mg/L	042811 1036	042911 1722	APS	EPA 200.7/6010B	
Zinc	**0.031**	0.0050	mg/L	042811 1036	042911 1722	APS	EPA 200.7/6010B	

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RG Steel, LLC	Project:	Rod & Wire Mill Wells -2011	Report:	11D1164
1430 Sparrows Point Blvd	Project Number:	Rod & Wire Mill Wells -2011	Reported:	04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager:	Russ Becker		

Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1117217 - WetChem_Prep										
Blank (1117217-BLK1)				Prepared & Analyzed: 04/22/2011						
Turbidity	ND	0.10	NTU							
Blank (1117217-BLK2)				Prepared & Analyzed: 04/22/2011						
Turbidity	ND	0.10	NTU							
LCS (1117217-BS1)				Prepared & Analyzed: 04/22/2011						
Turbidity	10.4		NTU	10.00		104	80-120			
LCS (1117217-BS2)				Prepared & Analyzed: 04/22/2011						
Turbidity	10.3		NTU	10.00		103	80-120			
Duplicate (1117217-DUP1)		**Source: 11D0641-10**		Prepared & Analyzed: 04/22/2011						
Turbidity	6.35	0.10	NTU		6.36			0.157	5	
Duplicate (1117217-DUP2)		**Source: 11D1157-01**		Prepared & Analyzed: 04/22/2011						
Turbidity	0.0600	0.10	NTU		0.0600			0.00	5	
Batch 1118088 - WetChem_Prep										
Blank (1118088-BLK1)				Prepared & Analyzed: 04/26/2011						
Turbidity	ND	0.10	NTU							
LCS (1118088-BS1)				Prepared & Analyzed: 04/26/2011						
Turbidity	10.2		NTU	10.00		102	80-120			
Duplicate (1118088-DUP1)		**Source: 11D1164-08**		Prepared & Analyzed: 04/26/2011						
Turbidity	15.1	0.10	NTU		15.0			0.664	5	

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1118089 - WetChem_Prep										
Blank (1118089-BLK1)				Prepared & Analyzed: 04/28/2011						
Turbidity	ND	0.10	NTU							
Blank (1118089-BLK2)				Prepared & Analyzed: 04/28/2011						
Turbidity	ND	0.10	NTU							
LCS (1118089-BS1)				Prepared & Analyzed: 04/28/2011						
Turbidity	10.1		NTU	10.00		101	80-120			
LCS (1118089-BS2)				Prepared & Analyzed: 04/28/2011						
Turbidity	10.2		NTU	10.00		102	80-120			
Duplicate (1118089-DUP1)		**Source: 11D1164-20**		Prepared & Analyzed: 04/28/2011						
Turbidity	12.0	0.10	NTU		12.0			0.0835	5	
Duplicate (1118089-DUP2)		**Source: 11D1234-01**		Prepared & Analyzed: 04/28/2011						
Turbidity	0.320	0.10	NTU		0.320			0.00	5	
Batch 1118181 - WetChem_Prep										
Blank (1118181-BLK1)				Prepared & Analyzed: 04/28/2011						
Turbidity	ND	0.10	NTU							
Blank (1118181-BLK2)				Prepared & Analyzed: 04/28/2011						
Turbidity	ND	0.10	NTU							
LCS (1118181-BS1)				Prepared & Analyzed: 04/28/2011						
Turbidity	10.2		NTU	10.00		102	80-120			

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1430 Sparrows Point Blvd	Project Number:	Rod & Wire Mill Wells -2011	Reported:	04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager:	Russ Becker		

Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1118181 - WetChem_Prep										
LCS (1118181-BS2)				Prepared & Analyzed: 04/28/2011						
Turbidity	10.2		NTU	10.00		102	80-120			
Duplicate (1118181-DUP1)		**Source: 11D1164-28**		Prepared & Analyzed: 04/28/2011						
Turbidity	166	1.0	NTU		166			0.00	5	
Duplicate (1118181-DUP2)		**Source: 11D1164-32**		Prepared & Analyzed: 04/28/2011						
Turbidity	38.3	0.10	NTU		38.3			0.00	5	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1118145 - EPA 200.2 ICP										
Blank (1118145-BLK1)				Prepared: 04/28/2011 Analyzed: 04/29/2011						
Cadmium	ND	0.00050	mg/L							
Zinc	ND	0.0050	"							
LCS (1118145-BS1)				Prepared: 04/28/2011 Analyzed: 04/29/2011						
Zinc	1.05	0.0050	mg/L	1.000		105	85-115			
Cadmium	1.05	0.00050	"	1.000		105	85-115			
Duplicate (1118145-DUP1)		**Source: 11D1164-20**		Prepared: 04/28/2011 Analyzed: 04/29/2011						
Cadmium	20.4	0.050	mg/L		20.9			2.49	20	
Zinc	373	0.50	"		382			2.57	20	
Matrix Spike (1118145-MS1)		**Source: 11D1164-20**		Prepared: 04/28/2011 Analyzed: 04/29/2011						
Zinc	383	0.50	mg/L	1.000	382	101	80-120			
Cadmium	21.8	0.050	"	1.000	20.9	96.0	80-120			
Matrix Spike Dup (1118145-MSD1)		**Source: 11D1164-20**		Prepared: 04/28/2011 Analyzed: 04/29/2011						
Cadmium	21.1	0.050	mg/L	1.000	20.9	17.3	80-120	3.67	20	M1
Zinc	371	0.50	"	1.000	382	NR	80-120	3.39	20	M1
Post Spike (1118145-PS1)		**Source: 11D1164-20**		Prepared & Analyzed: 04/29/2011						
Zinc	4.76		mg/L	1.000	3.82	94.1	90-110			
Cadmium	1.23		"	1.000	0.209	102	90-110			
Batch 1118151 - EPA 200.2 ICP										
Blank (1118151-BLK1)				Prepared: 04/28/2011 Analyzed: 04/29/2011						
Cadmium	ND	0.00050	mg/L							
Zinc	ND	0.0050	"							

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Sparrows Point, MD 21219	Project Manager:	Russ Becker		

Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1118151 - EPA 200.2 ICP										
LCS (1118151-BS1)				Prepared: 04/28/2011 Analyzed: 04/29/2011						
Cadmium	1.11	0.00050	mg/L	1.000		111	85-115			
Zinc	1.10	0.0050	"	1.000		110	85-115			
Duplicate (1118151-DUP1)		**Source: 11D1164-32**		Prepared: 04/28/2011 Analyzed: 04/29/2011						
Cadmium	0.00290	0.00050	mg/L		0.00275			5.26	20	
Zinc	0.153	0.0050	"		0.153			0.112	20	
Matrix Spike (1118151-MS1)		**Source: 11D1164-32**		Prepared: 04/28/2011 Analyzed: 04/29/2011						
Zinc	1.22	0.0050	mg/L	1.000	0.153	107	80-120			
Cadmium	1.08	0.00050	"	1.000	0.00275	107	80-120			
Matrix Spike Dup (1118151-MSD1)		**Source: 11D1164-32**		Prepared: 04/28/2011 Analyzed: 04/29/2011						
Cadmium	1.06	0.00050	mg/L	1.000	0.00275	106	80-120	1.64	20	
Zinc	1.20	0.0050	"	1.000	0.153	105	80-120	1.82	20	
Batch M1D2914 - 1118145										
Instrument Blank (M1D2914-IBL1)				Prepared & Analyzed: 04/29/2011						
Cadmium	ND	0.00050	mg/L							
Zinc	ND	0.0050	"							
Batch M1D2919 - 1118151										
Instrument Blank (M1D2919-IBL1)				Prepared & Analyzed: 04/29/2011						
Zinc	ND	0.0050	mg/L							
Cadmium	ND	0.00050	"							

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Control Limt: +/- 10.00%
Sequence: M1D2914

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D2914-ICV1	Cadmium	1.000	1.02	102	mg/L	EPA 200.7/6010B
	Zinc	1.000	1.02	102	mg/L	EPA 200.7/6010B
M1D2914-CCV1	Cadmium	0.2500	0.255	102	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.501	100	mg/L	EPA 200.7/6010B
M1D2914-CCV2	Cadmium	0.2500	0.257	103	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.508	102	mg/L	EPA 200.7/6010B
M1D2914-CCV3	Cadmium	0.2500	0.264	106	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.516	103	mg/L	EPA 200.7/6010B
M1D2914-CCV4	Cadmium	0.2500	0.264	105	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.517	103	mg/L	EPA 200.7/6010B

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Control Limt: +/- 10.00%
Sequence: M1D2919

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1D2919-ICV1	Cadmium	1.000	1.02	102	mg/L	EPA 200.7/6010B
	Zinc	1.000	1.02	102	mg/L	EPA 200.7/6010B
M1D2919-CCV4	Cadmium	0.2500	0.264	105	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.517	103	mg/L	EPA 200.7/6010B
M1D2919-CCV5	Cadmium	0.2500	0.259	104	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.513	103	mg/L	EPA 200.7/6010B
M1D2919-CCV6	Cadmium	0.2500	0.269	108	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.521	104	mg/L	EPA 200.7/6010B
M1D2919-CCV7	Cadmium	0.2500	0.264	106	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.512	102	mg/L	EPA 200.7/6010B

* Values outside of QC limits

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Phone: 410-633-1800
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www.microbac.com

CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11D1164
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 180.1

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Inst
Project: Rod & Wire Mill Wells -2011
Sequence:
Calibration:

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1117217-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1
1117217-BLK2	Turbidity	0.00	0.10	NTU		EPA 180.1
1118088-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1
1118089-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1
1118089-BLK2	Turbidity	0.00	0.10	NTU		EPA 180.1
1118181-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1
1118181-BLK2	Turbidity	0.00	0.10	NTU		EPA 180.1

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 04/30/2011 10:49
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Rod & Wire Mill Wells -2011
Sequence: M1D2914
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D2914-ICB1	Cadmium	-0.0000595	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.000767	0.0050	mg/L		EPA 200.7/6010B
M1D2914-CCB1	Cadmium	-0.000129	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.000720	0.0050	mg/L		EPA 200.7/6010B
1118145-BLK1	Cadmium	-0.0000175	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00331	0.0050	mg/L		EPA 200.7/6010B
M1D2914-CCB2	Cadmium	-0.0000744	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00179	0.0050	mg/L		EPA 200.7/6010B
M1D2914-CCB3	Cadmium	-0.0000670	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00184	0.0050	mg/L		EPA 200.7/6010B
M1D2914-CCB4	Cadmium	-0.0000334	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00263	0.0050	mg/L		EPA 200.7/6010B

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Rod & Wire Mill Wells -2011
Sequence: M1D2919
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1D2919-ICB1	Cadmium	-0.0000595	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.000767	0.0050	mg/L		EPA 200.7/6010B
M1D2919-CCB4	Cadmium	-0.0000334	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00263	0.0050	mg/L		EPA 200.7/6010B
1118151-BLK1	Cadmium	-0.000124	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00455	0.0050	mg/L		EPA 200.7/6010B
M1D2919-CCB5	Cadmium	-0.0000727	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00262	0.0050	mg/L		EPA 200.7/6010B
M1D2919-CCB6	Cadmium	-0.0000364	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00276	0.0050	mg/L		EPA 200.7/6010B
M1D2919-CCB7	Cadmium	-0.000119	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00195	0.0050	mg/L		EPA 200.7/6010B

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

INTERFERENCE CHECK SAMPLE

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Sequence: M1D2914

Lab Sample ID	Analyte	True	Found	%R	Units
M1D2914-IFA1	Cadmium	9.750	9.30	95.4	mg/L
	Zinc	9.500	9.37	98.7	mg/L
M1D2914-IFB1	Cadmium	10.00	9.72	97.2	mg/L
	Zinc	10.00	10.06	101	mg/L

* Values outside of QC limits

INTERFERENCE CHECK SAMPLE

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Sequence: M1D2919

Lab Sample ID	Analyte	True	Found	%R	Units
M1D2919-IFA1	Cadmium	9.750	9.30	95.4	mg/L
	Zinc	9.500	9.37	98.7	mg/L
M1D2919-IFB1	Cadmium	10.00	9.72	97.2	mg/L
	Zinc	10.00	10.06	101	mg/L

* Values outside of QC limits

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LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Calibration: UNASSIGNED
Laboratory ID: M1D2914-LCV1
Sequence: M1D2914
Standard ID: MD11209

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Cadmium	0.01000	0.00978	-2.2	25.00
Zinc	0.02000	0.0225	12.3	25.00

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Calibration: UNASSIGNED
Laboratory ID: M1D2919-LCV1
Sequence: M1D2919
Standard ID: MD11209

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Cadmium	0.01000	0.00978	-2.2	25.00
Zinc	0.02000	0.0225	12.3	25.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Calibration: UNASSIGNED
Laboratory ID: M1D2914-HCV1
Sequence: M1D2914
Standard ID: MD11212

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Cadmium	5.000	5.00	-0.02	10.00
Zinc	10.00	10.1	1.1	10.00

* Values outside of QC limits

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HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Calibration: UNASSIGNED
Laboratory ID: M1D2919-HCV1
Sequence: M1D2919
Standard ID: MD11212

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Cadmium	5.000	5.00	-0.02	10.00
Zinc	10.00	10.1	1.1	10.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Certifications

Below is a list of certifications maintained by Microbac Laboratories, Inc. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. A complete list of individual analytes pursuant to each certification below is available upon request.

Lab #	Description	Certification Number	Expires
Microbac Laboratories, Inc., Baltimore Division			
A2LA1	A2LA (Biology)	410.02	07/31/2011
A2LA2	A2LA (Environmental)	410.01	07/31/2011
00152	Commonwealth of Virginia	00152	06/30/2011
CPSC	CPSC Testing of Childrens Products and Jewelry	1115	04/30/2011
Pb	Environmental Lead (ELLAP)	410.01	04/30/2011
NJ	New Jersey	NLC110001	06/30/2011
MD-DW	State of Maryland	109	06/30/2011
PA	State of Pennsylvania (NELAC)	007	08/31/2011
USDA	US Department of Agriculture	S-53726	
Microbac Laboratories, Inc., Richmond Division			
150_R	Commonwealth of Virginia (NELAC)	00150	06/30/2011

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Notes and Definitions

M1	The matrix spike recovery was out of acceptance limits. The post digestion spike recovery was acceptable.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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Cooler Receipt Log

Cooler ID: 4/22/11 **Cooler Temp:** 5.80 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler ID: 4/25/11 **Cooler Temp:** 8.10 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler ID: 4/26/11 **Cooler Temp:** 10.60 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler ID: 4/27/11 **Cooler Temp:** 3.10 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Microbac Laboratories, Inc.

Baltimore Division

Work Order Number:_____ **Results due: 15 Work day** **Due Date:**_____ **Cooler #** 626

Severstal **Site** – Rod & Wire Mill **Groundwater Samples** **Temperature Blank.** 5.8 °C

Contact: Russ Becker Field Technician: TG

Telephone: (410) 388-6622 email: russ.becker@intlsteel.com

SAMPLE IDENTIFICATION	*Date & Time Collected*	*CONTAINER TYPE*	*# CONT*	*Cd (6010)*	*Zn (6010)*	*Turbidity*							*COMMENTS*
RW 11-PZM 004	4/22/11 9:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 13-PZM 020	4/22/11 10:25	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 12 PZM 004	4/22/11 11:08	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 02 PZM 020	4/22/11 11:47	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 02 PZM 000	4/22/11 12:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
Eqip. Blank	4/22/11 9:23	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	~~2~~ 1	X	X	~~X~~ (NA)							
		1 Plastic Pint HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							

11D1164

Relinquished By (signature)/Date & Time: 4/22/11 14:00

Received By (signature)/Date & Time: Melanie Dusynski 4-22-11 1400

1.) CLP-Like QC Package
2.) Use 200.7 for QC
3.) Run MS/MSD on samples indicated by Field Personnel.

Severstal042310

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW02 PZM 020 Tag: BA-81-4134

Date of Purging: 4/22/11 Start Time: 11:32 Finish Time: 11:55 Weather: 45-50 °F
Date of Collection: 4/22/11 Time of Collection: ~~11:55~~ 11:47

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	NONE
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	14.02
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	14.05

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	13.2	13.6	13.6	13.6	13.6	13.6
pH	4.96	4.89	4.89	4.89	4.89	~~4.88~~ K 4.89
Specific Conductance (umhos/cm)	11450	11660	11720	11720	11720	11720
Dissolved Oxygen (mg/l)	1.36	1.30	1.27	1.25	1.25	1.25
Oxidation Reduction (eH)	323.6	323.7	308.1	308.1	308.1	308.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor Clear
Color None

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 4 / 22 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 12 - PZM 004 Tag: BA-94-5704

Date of Purging: 4/22/11 Start Time: 10:53 Finish Time: 11:15 Weather: 45-50 °F
Date of Collection: 4/22/11 Time of Collection: 11:08

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	NONE
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	5.83
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	6.00

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	11.7	11.6	11.7	12.0	12.0	12.0
pH	6.34	6.37	6.39	6.38	6.39	6.39
Specific Conductance (umhos/cm)	657	657	659	669	668	667
Dissolved Oxygen (mg/l)	0.32	0.32	0.31	0.33	0.31	0.31
Oxidation Reduction (eH)	170.2	170.2	193.4	192.9	192.5	192.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 4 / 22 / 11. (Tech –)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 13 - PZM 020 Tag: BA - 94 - 5709

Date of Purging: 4/22/11 Start Time: 10:10 Finish Time: 10:30 Weather: _____
Date of Collection: 4/22/11 Time of Collection: 10:25

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	NONE
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	14.89
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	14.35

						Sample Reading
Number of minutes purged	0	3	6	9	12	
Temperature (°C)	14.4	14.6	14.6	14.7	14.7	14.7
pH	5.20	5.60	5.67	5.67	5.71	5.70
Specific Conductance (umhos/cm)	2640	2830	2830	2850	2880	2881
Dissolved Oxygen (mg/l)	2.32	2.41	2.20	2.17	2.17	2.17
Oxidation Reduction (eH)	311.8	190.7	186.9	165.7	150.7	150.6

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 4 / 22 / 11. (Tech – TH)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 11 - PZM 004 Tag: _____

Date of Purging: 4/22/11 Start Time: 9:30 Finish Time: 9:50 Weather: 45-50 °F
Date of Collection: 4/22/11 Time of Collection: 9:45

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	NONE
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	5.20
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	5.20

	0	3	6	9	12	Sample Reading
Number of minutes purged						
Temperature (°C)	11.9	11.8	11.7	11.8	11.8	11.9
pH	3.83	3.65	3.59	3.53	3.52	3.49
Specific Conductance (umhos/cm)	9,400	8920	7930	7220	7200	7100
Dissolved Oxygen (mg/l)	0.46	0.51	0.56	0.61	0.55	0.53
Oxidation Reduction (eH)	456.1	458.4	473.8	490.2	490.2	502.6

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 4 / 22 / 11. (Tech – TW)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 02 PZM 000 Tag: BA-81-4138

Date of Purging: 4/22/11 Start Time: 12:00 Finish Time: 12:15 Weather: 45-50°F
Date of Collection: 4/22/11 Time of Collection: 12:20

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	NONE
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	2.81
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	2.81

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	11.1	11.1	11.1	11.1	11.1	11.1
pH	6.81	6.83	6.85	6.89	6.89	6.89
Specific Conductance (umhos/cm)	1016	1016	1016	1016	1016	1016
Dissolved Oxygen (mg/l)	6.18	6.20	6.24	6.31	6.30	6.30
Oxidation Reduction (eH)	140	140.7	141.2	141.2	141.2	141.2

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 4 / 22 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Number of Coolers Received: 1
Client: Severstal
Form Completed By: [illegible]

Receipt Date / Time: 4/22/11 14:00
Work Order #_____

Shipper:	☑ Microbac ☐ Client ☐ UPS ☐ FedEx
Custody Tape Intact:	YES / NO / NA
Containers Intact:	YES / NO
Sample Received on Ice or refrigerated:	YES / NO
	Infrared (IR)Temperature: 5.8 °C
Radiation Scan:	☑ Negative or _____ mR/hr
Chain of Custody Present with shipment:	YES / NO
Sample Bottle IDs agree with COC:	YES / NO
Preservation requirements met:	YES / NO / Not Checked
Correct Number of Containers / Sample Volume:	YES / NO (If No, contact client immediately)
Headspace in container:	YES / NO / NA
Type of Sample:	Water Soil Wipes Oil Filter Solid Sludge Food Swab Other

Container Type / Quantity:

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
V- ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO**(Checked at time of Analysis)**
S - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___NaTHIO ___NaTHIO/EDTA**(Checked at time of Analysis)**
J- ___ Unpreserved

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)

Describe preservation requirements not met:

All Acid preserved <2 pH *NaOH preserved >12 pH* *All others >2 and <10 (usually 4-8)*

Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added

H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies:_____

Contact information / Summary of Actions:

Date / Time:_____ Contact:_____ Contact By:_____
Comments:_____

Microbac Laboratories, Inc.

Baltimore Division

Work Order Number: 11D1164 **Results due: 15 Work day** **Due Date:**_____ **Cooler #**_____

Severstal **Site** – Rod & Wire Mill **Groundwater Samples** **Temperature Blank.** 8.1 °C

Contact: Russ Becker Field Technician: _____

Telephone: (410) 388-6622 email: russ.becker@intlsteel.com

SAMPLE IDENTIFICATION	Date & Time Collected	CONTAINER TYPE	# CONT	Cd (6010)	Zn (6010)	Turbidity							COMMENTS
RW 05 PZM 001	4/25/11 9:25	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							11D1164
RW 01 PZM 020	" " 10:03	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 04 PZM 003	" " 10:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 07 PZM 004	" " 11:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 07 PZM 017	" " 11:40	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
Duplicat RW 07 PZM 012	" " 11:40	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	~~2~~ 1	X	X	~~X~~	MD						
Equip Blank	4/25/11 9:20	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	~~2~~ 1	X	X	~~X~~							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							

Relinquished By (signature)/Date & Time: 4/25/11 12:15

Received By (signature)/Date & Time Melanie Murzyki 4-25-11 1215

1.) CLP-Like QC Package
2.) Use 200.7 for QC
3.) Run MS/MSD on samples indicated by Field Personnel.

Severstal042310

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Number of Coolers Received: 1
Client: Rod & Wire Severstal
Form Completed By: CR

Receipt Date / Time: 4/25/14 12:15
Work Order #

Shipper: ☑ Microbac ☐ Client ☐ UPS ☐ FedEx
Custody Tape Intact: YES / NO / NA
Containers Intact: YES / NO
Sample Received on Ice or refrigerated: YES / NO
Infrared (IR)Temperature: 5.1 °C

Radiation Scan: ☑ Negative or _____ mR/hr
Chain of Custody Present with shipment: YES / NO
Sample Bottle IDs agree with COC: YES / NO
Preservation requirements met: YES / NO / Not Checked
Correct Number of Containers / Sample Volume: YES / NO (If No, contact client immediately)
Headspace in container: YES / NO / NA
Type of Sample: Water Soil Wipes Oil Filter Solid Sludge Food Swab Other

Container Type / Quantity:

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
V- ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO**(Checked at time of Analysis)**
S - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___ NaTHIO ___ NaTHIO/EDTA**(Checked at time of Analysis)**
J- ___ Unpreserved

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)

Describe preservation requirements not met:

All Acid preserved <2 pH *NaOH preserved >12 pH* *All others >2 and <10 (usually 4-8)*

Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added

H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies: _____

Contact information / Summary of Actions:

Date / Time: _____ Contact: _____ Contact By: _____
Comments: _____

Microbac Laboratories, Inc.

Baltimore Division

Work Order Number: 11D1164 **Results due: 15 Work day** **Due Date:**_____ **Cooler #**_____

Severstal **Site** – Rod & Wire Mill **Groundwater Samples** **Temperature Blank.**_____ °C

Contact: Russ Becker Field Technician: TH

Telephone: (410) 388-6622 email: russ.becker@intlsteel.com

SAMPLE IDENTIFICATION	Date & Time Collected	CONTAINER TYPE	# CONT	Cd (6010)	Zn (6010)	Turbidity							COMMENTS
Field Blank	4/26/11 8:50	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							11D1164
Equipment Blank	4/26/11 8:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 14 PZM 020	" " 9:10	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 09 PZM 004	" " 9:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 10 PZM 004	" " 10:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 10 PZM 065	" " 10:40	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 08 PZM 003	" " 11:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							MS/MSD 20
RW 06 PZM 001	" " 11:55	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 17 PZM 019	" " 12:38	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 16 PZM 020	" " 13:05	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
TS 04 PZM 004	" " 13:35	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							

Relinquished By (signature)/Date & Time: [signature] 4/26/11 15:00

Received By (signature)/Date & Time: Melanie Dusyzpki 4-26-11 1500

1.) CLP-Like QC Package
2.) Use 200.7 for QC
3.) Run MS/MSD on samples indicated by Field Personnel.

Severstal042310

Microbac Laboratories, Inc.

Baltimore Division

Work Order Number:_____ **Results due: 15 Work day** **Due Date:**_____ **Cooler #**_____

Severstal **Site** – Rod & Wire Mill **Groundwater Samples** **Temperature Blank.**_____ **°C**

Contact: Russ Becker Field Technician: TKG

Telephone: (410) 388-6622 email: russ.becker@intlsteel.com

SAMPLE IDENTIFICATION	*Date & Time Collected*	*CONTAINER TYPE*	*# CONT*	*Cd (6010)*	*Zn (6010)*	*Turbidity*								*COMMENTS*
RW 20 P2m000	4/26/11 14:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
Duplicate RW20P2m000	4/26/11 14:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								

Relinquished By (signature)/Date & Time: Tkg 4/26/11 15:00

Received By (signature)/Date & Time Melanie Dusynski 4-26-11 1500

1.) CLP-Like QC Package
2.) Use 200.7 for QC
3.) Run MS/MSD on samples indicated by Field Personnel.

Severstal042310

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Number of Coolers Received: 1
Client: ROB & WIRE
Form Completed By: [illegible]

Receipt Date / Time: 4/26/11 1500
Work Order #_____

Shipper:	☑ Microbac ☐ Client ☐ UPS ☐ FedEx
Custody Tape Intact:	YES / NO / NA
Containers Intact:	YES / NO
Sample Received on Ice or refrigerated:	YES / NO
	Infrared (IR)Temperature: 10.6 °C
Radiation Scan:	☑ Negative or _____ mR/hr
Chain of Custody Present with shipment:	YES / NO
Sample Bottle IDs agree with COC:	YES / NO
Preservation requirements met:	YES / NO / Not Checked
Correct Number of Containers / Sample Volume:	YES / NO (If No, contact client immediately)
Headspace in container:	YES / NO / NA
Type of Sample:	Water Soil Wipes Oil Filter Solid Sludge Food Swab Other_____

Container Type / Quantity:

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
V- ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO**(Checked at time of Analysis)**
S - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___ NaTHIO ___ NaTHIO/EDTA**(Checked at time of Analysis)**
J- ___ Unpreserved

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)

Describe preservation requirements not met:

All Acid preserved <2 pH *NaOH preserved >12 pH* *All others >2 and <10 (usually 4-8)*

Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID:_____ H_2SO_4 HNO_3 NaOH _____ mls added

H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies:_____

Contact information / Summary of Actions:

Date / Time:_____ Contact:_____ Contact By:_____
Comments:_____

Microbac Laboratories, Inc.

Baltimore Division

Work Order Number: 11D1164 **Results due: 15 Work day** **Due Date:** _____ **Cooler #** 626

Severstal **Site** – Rod & Wire Mill **Groundwater Samples** **Temperature Blank.** 6.1 °C

Contact: Russ Becker Field Technician: TK

Telephone: (410) 388-6622 email: russ.becker@intlsteel.com

SAMPLE IDENTIFICATION	Date & Time Collected	CONTAINER TYPE	# CONT	Cd (6010)	Zn (6010)	Turbidity							COMMENTS
RW 20 PZM 020	4/27/11 9:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 20 PZM 050	" " 9:40	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 21 PZM 023	" " 10:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 19 PZM 000	" " 10:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 19 PZM 020	" " 11:25	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 19 PZM 050	" " 12:05	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	~~2~~ 4	X	X	X							MS/MSD
RW 18 PZM 047	" " 12:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
TS04 PZM 023	" " 13:20	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 15 PZM 020	" " 14:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 03 PZM 003	" " 14:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 10 PZM 020	" " 15:25	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							

Relinquished By (signature)/Date & Time: [signature] 4/27/11 15:50

Received By (signature)/Date & Time: [signature] MU 4-27-11 1550

1.) CLP-Like QC Package
2.) Use 200.7 for QC
3.) Run MS/MSD on samples indicated by Field Personnel.

Severstal042310

11D1164

Microbac Laboratories, Inc.

Baltimore Division

Work Order Number:_____ **Results due: 15 Work day** **Due Date:**_____ **Cooler #** 626

Severstal **Site** – Rod & Wire Mill **Groundwater Samples** **Temperature Blank.** 6.1 °C

Contact: Russ Becker Field Technician: [illegible]

Telephone: (410) 388-6622 email: russ.becker@intlsteel.com

SAMPLE IDENTIFICATION	*Date & Time Collected*	*CONTAINER TYPE*	*# CONT*	*Cd (6010)*	*Zn (6010)*	*Turbidity*							*COMMENTS*
DUP RW03PZM003	4/27/11 14:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	~~X~~							
Equipment Blank	4-27-11 0900	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	~~X~~							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							

Relinquished By (signature)/Date & Time:	Received By (signature)/Date & Time
[illegible] 4/27/11 15:50	

1.) CLP-Like QC Package
2.) Use 200.7 for QC
3.) Run MS/MSD on samples indicated by Field Personnel.

Severstal042310

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Number of Coolers Received: 1
Client: RG Steel - Rock Wire
Form Completed By: CWP

Receipt Date / Time: 4-27-11
Work Order #_____

Shipper: ☒ Microbac ☐ Client ☐ UPS ☐ FedEx
Custody Tape Intact: YES / NO / NA
Containers Intact: YES / NO
Sample Received on Ice or refrigerated: YES / NO
Infrared (IR)Temperature: 3.1 °C

Radiation Scan: ☒ Negative or _____ mR/hr
Chain of Custody Present with shipment: YES / NO
Sample Bottle IDs agree with COC: YES / NO
Preservation requirements met: YES / NO / Not Checked
Correct Number of Containers / Sample Volume: YES / NO (If No, contact client immediately)
Headspace in container: YES / NO / NA
Type of Sample: Water Soil Wipes Oil Filter Solid Sludge Food Swab Other_____

Container Type / Quantity:

A - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
B - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
C - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
D - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
E - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
H - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
K - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
L - ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
M- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
W- ___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
V- ___ Unpreserved ___ HCl ___ HCl / Ascorbic Acid ___ HCl / NaTHIO **(Checked at time of Analysis)**
F - ___ Unpreserved ___ NaTHIO**(Checked at time of Analysis)**
S - ___ Unpreserved ___ NaTHIO **(Checked at time of Analysis)**
SN- ___ Unpreserved ___ NaTHIO ___ NaTHIO/EDTA**(Checked at time of Analysis)**
J- ____ Unpreserved

___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)
___ Unpreserved ___ H2SO4 ___ HNO3 ___ HCl ___ NaOH ___ NaOH/Ascorbic Acid ___ Other(_____)

Describe preservation requirements not met:

All Acid preserved <2 pH *NaOH preserved >12 pH* *All others >2 and <10 (usually 4-8)*

Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added
Sample ID: _____ H_2SO_4 HNO_3 NaOH _____ mls added

H_2SO_4 – Sulfuric Acid, HNO_3 – Nitric Acid, NaOH – Sodium Hydroxide, ASC – Ascorbic Acid, NaTHIO – Sodium Thiosulfate

Describe Anomalies: _____

Contact information / Summary of Actions:

Date / Time: _____ Contact: _____ Contact By: _____
Comments: _____

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MD11206

Description:	ICP STD 6	Expires:	05/13/2011
Standard Type:	Calibration Standard	Prepared:	04/12/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	04/12/2011 09:55 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	2	ug/mL
Antimony	7440-36-0	4	ug/mL
Arsenic	7440-38-2	2	ug/mL
Barium	7440-39-3	2	ug/mL
Beryllium	7440-41-7	2	ug/mL
Boron	7440-42-8	2	ug/mL
Cadmium	7440-43-9	1	ug/mL
Calcium	7440-70-2	20	ug/mL
Chromium	7440-47-3	2	ug/mL
Cobalt	7440-48-4	2	ug/mL
Copper	7440-50-8	2	ug/mL
Gallium	7440-55-3	2	ug/mL
Iron	7439-89-6	2	ug/mL
Lead	7439-92-1	4	ug/mL
Aluminum	7429-90-5	10	ug/mL
Silicon	7440-21-3	4	ug/mL
Vanadium	7440-62-2	2	ug/mL
Titanium	7440-32-6	2	ug/mL
Tin	7440-31-5	4	ug/mL
Thallium	7440-28-0	2	ug/mL
Strontium	7440-24-6	2	ug/mL
Lithium	7439-93-2	4	ug/mL
Silver	7440-22-4	0.4	ug/mL
Magnesium	7439-95-4	20	ug/mL
Selenium	7782-49-2	4	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MD11206

Potassium	7440-09-7	20	ug/mL
Phosphorus	7723-14-0	2	ug/mL
Nickel	7440-02-0	4	ug/mL
Molybdenum	7439-98-7	4	ug/mL
Zinc	7440-66-6	2	ug/mL
Sodium	7440-23-5	20	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MF00301	ICP CAL STD SOLN A	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:31 by APS	2
MF00302	ICP CAL STD SOLN B	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:34 by APS	2

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MD11207

Description:	ICP STD 1	Expires:	05/13/2011
Standard Type:	Calibration Standard	Prepared:	04/12/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	04/12/2011 09:57 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.001	ug/mL
Antimony	7440-36-0	0.002	ug/mL
Arsenic	7440-38-2	0.001	ug/mL
Barium	7440-39-3	0.001	ug/mL
Beryllium	7440-41-7	0.001	ug/mL
Boron	7440-42-8	0.001	ug/mL
Cadmium	7440-43-9	0.0005	ug/mL
Calcium	7440-70-2	0.01	ug/mL
Chromium	7440-47-3	0.001	ug/mL
Cobalt	7440-48-4	0.001	ug/mL
Copper	7440-50-8	0.001	ug/mL
Gallium	7440-55-3	0.001	ug/mL
Iron	7439-89-6	0.001	ug/mL
Lead	7439-92-1	0.002	ug/mL
Aluminum	7429-90-5	0.005	ug/mL
Silicon	7440-21-3	0.002	ug/mL
Vanadium	7440-62-2	0.001	ug/mL
Titanium	7440-32-6	0.001	ug/mL
Tin	7440-31-5	0.002	ug/mL
Thallium	7440-28-0	0.001	ug/mL
Strontium	7440-24-6	0.001	ug/mL
Lithium	7439-93-2	0.002	ug/mL
Silver	7440-22-4	0.0002	ug/mL
Magnesium	7439-95-4	0.01	ug/mL
Selenium	7782-49-2	0.002	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MD11207

Potassium	7440-09-7	0.01	ug/mL
Phosphorus	7723-14-0	0.001	ug/mL
Nickel	7440-02-0	0.002	ug/mL
Molybdenum	7439-98-7	0.002	ug/mL
Zinc	7440-66-6	0.001	ug/mL
Sodium	7440-23-5	0.01	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MD11206	ICP STD 6	04/12/2011	Andy P. Smith	05/13/2011	04/12/2011 09:55 by APS	0.1

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MD11208

Description:	ICP STD 2	Expires:	05/13/2011
Standard Type:	Calibration Standard	Prepared:	04/12/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	04/12/2011 09:59 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.005	ug/mL
Antimony	7440-36-0	0.01	ug/mL
Arsenic	7440-38-2	0.005	ug/mL
Barium	7440-39-3	0.005	ug/mL
Beryllium	7440-41-7	0.005	ug/mL
Boron	7440-42-8	0.005	ug/mL
Cadmium	7440-43-9	0.0025	ug/mL
Calcium	7440-70-2	0.05	ug/mL
Chromium	7440-47-3	0.005	ug/mL
Cobalt	7440-48-4	0.005	ug/mL
Copper	7440-50-8	0.005	ug/mL
Gallium	7440-55-3	0.005	ug/mL
Iron	7439-89-6	0.005	ug/mL
Lead	7439-92-1	0.01	ug/mL
Aluminum	7429-90-5	0.025	ug/mL
Silicon	7440-21-3	0.01	ug/mL
Vanadium	7440-62-2	0.005	ug/mL
Titanium	7440-32-6	0.005	ug/mL
Tin	7440-31-5	0.01	ug/mL
Thallium	7440-28-0	0.005	ug/mL
Strontium	7440-24-6	0.005	ug/mL
Lithium	7439-93-2	0.01	ug/mL
Silver	7440-22-4	0.001	ug/mL
Magnesium	7439-95-4	0.05	ug/mL
Selenium	7782-49-2	0.01	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MD11208

Potassium	7440-09-7	0.05	ug/mL
Phosphorus	7723-14-0	0.005	ug/mL
Nickel	7440-02-0	0.01	ug/mL
Molybdenum	7439-98-7	0.01	ug/mL
Zinc	7440-66-6	0.005	ug/mL
Sodium	7440-23-5	0.05	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MD11206	ICP STD 6	04/12/2011	Andy P. Smith	05/13/2011	04/12/2011 09:55 by APS	0.5

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MD11209

Description:	ICP STD 3	Expires:	05/13/2011
Standard Type:	Calibration Standard	Prepared:	04/12/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	1000	Department:	Metals
Vials:	1	Last Edit:	04/12/2011 10:00 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.02	ug/mL
Antimony	7440-36-0	0.04	ug/mL
Arsenic	7440-38-2	0.02	ug/mL
Barium	7440-39-3	0.02	ug/mL
Beryllium	7440-41-7	0.02	ug/mL
Boron	7440-42-8	0.02	ug/mL
Cadmium	7440-43-9	0.01	ug/mL
Calcium	7440-70-2	0.2	ug/mL
Chromium	7440-47-3	0.02	ug/mL
Cobalt	7440-48-4	0.02	ug/mL
Copper	7440-50-8	0.02	ug/mL
Gallium	7440-55-3	0.02	ug/mL
Iron	7439-89-6	0.02	ug/mL
Lead	7439-92-1	0.04	ug/mL
Aluminum	7429-90-5	0.1	ug/mL
Silicon	7440-21-3	0.04	ug/mL
Vanadium	7440-62-2	0.02	ug/mL
Titanium	7440-32-6	0.02	ug/mL
Tin	7440-31-5	0.04	ug/mL
Thallium	7440-28-0	0.02	ug/mL
Strontium	7440-24-6	0.02	ug/mL
Lithium	7439-93-2	0.04	ug/mL
Silver	7440-22-4	0.004	ug/mL
Magnesium	7439-95-4	0.2	ug/mL
Selenium	7782-49-2	0.04	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MD11209

Potassium	7440-09-7	0.2	ug/mL
Phosphorus	7723-14-0	0.02	ug/mL
Nickel	7440-02-0	0.04	ug/mL
Molybdenum	7439-98-7	0.04	ug/mL
Zinc	7440-66-6	0.02	ug/mL
Sodium	7440-23-5	0.2	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MF00301	ICP CAL STD SOLN A	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:31 by APS	0.1
MF00302	ICP CAL STD SOLN B	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:34 by APS	0.1

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MD11210

Description:	ICP STD 4	Expires:	05/13/2011
Standard Type:	Calibration Standard	Prepared:	04/12/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	04/12/2011 10:02 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.1	ug/mL
Antimony	7440-36-0	0.2	ug/mL
Arsenic	7440-38-2	0.1	ug/mL
Barium	7440-39-3	0.1	ug/mL
Beryllium	7440-41-7	0.1	ug/mL
Boron	7440-42-8	0.1	ug/mL
Cadmium	7440-43-9	0.05	ug/mL
Calcium	7440-70-2	1	ug/mL
Chromium	7440-47-3	0.1	ug/mL
Cobalt	7440-48-4	0.1	ug/mL
Copper	7440-50-8	0.1	ug/mL
Gallium	7440-55-3	0.1	ug/mL
Iron	7439-89-6	0.1	ug/mL
Lead	7439-92-1	0.2	ug/mL
Aluminum	7429-90-5	0.5	ug/mL
Silicon	7440-21-3	0.2	ug/mL
Vanadium	7440-62-2	0.1	ug/mL
Titanium	7440-32-6	0.1	ug/mL
Tin	7440-31-5	0.2	ug/mL
Thallium	7440-28-0	0.1	ug/mL
Strontium	7440-24-6	0.1	ug/mL
Lithium	7439-93-2	0.2	ug/mL
Silver	7440-22-4	0.02	ug/mL
Magnesium	7439-95-4	1	ug/mL
Selenium	7782-49-2	0.2	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MD11210

Potassium	7440-09-7	1	ug/mL
Phosphorus	7723-14-0	0.1	ug/mL
Nickel	7440-02-0	0.2	ug/mL
Molybdenum	7439-98-7	0.2	ug/mL
Zinc	7440-66-6	0.1	ug/mL
Sodium	7440-23-5	1	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MF00301	ICP CAL STD SOLN A	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:31 by APS	0.1
MF00302	ICP CAL STD SOLN B	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:34 by APS	0.1

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MD11211

Description:	ICP STD 5	Expires:	05/13/2011
Standard Type:	Calibration Standard	Prepared:	04/12/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	1000	Department:	Metals
Vials:	1	Last Edit:	04/12/2011 10:04 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.5	ug/mL
Antimony	7440-36-0	1	ug/mL
Arsenic	7440-38-2	0.5	ug/mL
Barium	7440-39-3	0.5	ug/mL
Beryllium	7440-41-7	0.5	ug/mL
Boron	7440-42-8	0.5	ug/mL
Cadmium	7440-43-9	0.25	ug/mL
Calcium	7440-70-2	5	ug/mL
Chromium	7440-47-3	0.5	ug/mL
Cobalt	7440-48-4	0.5	ug/mL
Copper	7440-50-8	0.5	ug/mL
Gallium	7440-55-3	0.5	ug/mL
Iron	7439-89-6	0.5	ug/mL
Lead	7439-92-1	1	ug/mL
Aluminum	7429-90-5	2.5	ug/mL
Silicon	7440-21-3	1	ug/mL
Vanadium	7440-62-2	0.5	ug/mL
Titanium	7440-32-6	0.5	ug/mL
Tin	7440-31-5	1	ug/mL
Thallium	7440-28-0	0.5	ug/mL
Strontium	7440-24-6	0.5	ug/mL
Lithium	7439-93-2	1	ug/mL
Silver	7440-22-4	0.1	ug/mL
Magnesium	7439-95-4	5	ug/mL
Selenium	7782-49-2	1	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MD11211

Potassium	7440-09-7	5	ug/mL
Phosphorus	7723-14-0	0.5	ug/mL
Nickel	7440-02-0	1	ug/mL
Molybdenum	7439-98-7	1	ug/mL
Zinc	7440-66-6	0.5	ug/mL
Sodium	7440-23-5	5	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MF00301	ICP CAL STD SOLN A	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:31 by APS	2.5
MF00302	ICP CAL STD SOLN B	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:34 by APS	2.5

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MD11212

Description:	ICP STD 7	Expires:	05/13/2011
Standard Type:	Calibration Standard	Prepared:	04/12/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	04/12/2011 10:05 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	10	ug/mL
Antimony	7440-36-0	20	ug/mL
Arsenic	7440-38-2	10	ug/mL
Barium	7440-39-3	10	ug/mL
Beryllium	7440-41-7	10	ug/mL
Boron	7440-42-8	10	ug/mL
Cadmium	7440-43-9	5	ug/mL
Calcium	7440-70-2	100	ug/mL
Chromium	7440-47-3	10	ug/mL
Cobalt	7440-48-4	10	ug/mL
Copper	7440-50-8	10	ug/mL
Gallium	7440-55-3	10	ug/mL
Iron	7439-89-6	10	ug/mL
Lead	7439-92-1	20	ug/mL
Aluminum	7429-90-5	50	ug/mL
Silicon	7440-21-3	20	ug/mL
Vanadium	7440-62-2	10	ug/mL
Titanium	7440-32-6	10	ug/mL
Tin	7440-31-5	20	ug/mL
Thallium	7440-28-0	10	ug/mL
Strontium	7440-24-6	10	ug/mL
Lithium	7439-93-2	20	ug/mL
Silver	7440-22-4	2	ug/mL
Magnesium	7439-95-4	100	ug/mL
Selenium	7782-49-2	20	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MD11212

Potassium	7440-09-7	100	ug/mL
Phosphorus	7723-14-0	10	ug/mL
Nickel	7440-02-0	20	ug/mL
Molybdenum	7439-98-7	20	ug/mL
Zinc	7440-66-6	10	ug/mL
Sodium	7440-23-5	100	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MF00301	ICP CAL STD SOLN A	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:31 by APS	10
MF00302	ICP CAL STD SOLN B	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:34 by APS	10

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MD11507

Description:	ICP-ICP/MS Solution A LCS Spike	Expires:	03/22/2012
Standard Type:	Analyte Spike	Prepared:	03/24/2011
Solvent:	D I H2O	Prepared By:	Andy P. Smith
Final Volume (mls):	500	Department:	Metals
Vials:	1	Last Edit:	04/15/2011 09:05 by APS
Vendor:	High-Purity	Lot No.:	1107706

Analyte	CAS Number	Concentration	Units
Magnesium	7439-95-4	1000	ug/mL
Arsenic	7440-38-2	100	ug/mL
Barium	7440-39-3	100	ug/mL
Beryllium	7440-41-7	100	ug/mL
Bismuth	NA	100	ug/mL
Boron	7440-42-8	100	ug/mL
Cadmium	7440-43-9	100	ug/mL
Calcium	7440-70-2	1000	ug/mL
Chromium	7440-47-3	100	ug/mL
Cobalt	7440-48-4	100	ug/mL
Copper	7440-50-8	100	ug/mL
Gallium	7440-55-3	100	ug/mL
Iron	7439-89-6	500	ug/mL
Aluminum	7429-90-5	500	ug/mL
Lithium	7439-93-2	100	ug/mL
Zinc	7440-66-6	100	ug/mL
Manganese	7439-96-5	100	ug/mL
Nickel	7440-02-0	100	ug/mL
Nickel_58	7440-02-0	100	ug/mL
Nickel_60	7440-02-0	100	ug/mL
Nickel_62	7440-02-0	100	ug/mL
Potassium	7440-09-7	1000	ug/mL
Selenium	7782-49-2	100	ug/mL
Sodium	7440-23-5	1000	ug/mL
Strontium	7440-24-6	100	ug/mL

Reviewed By Date

Thallium	7440-28-0	100	ug/mL
Thorium	7440-29-1	100	ug/mL
Uranium	7440-61-1	100	ug/mL
Vanadium	7440-62-2	100	ug/mL
Lead	7439-92-1	100	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MD11509

Description:	ICP-ICP/MS Solution B LCS Spike	Expires:	03/22/2012
Standard Type:	Analyte Spike	Prepared:	03/24/2011
Solvent:	D I H2O	Prepared By:	Andy P. Smith
Final Volume (mls):	500	Department:	Metals
Vials:	1	Last Edit:	04/15/2011 09:08 by APS
Vendor:	High-Purity	Lot No.:	1107707

Analyte	CAS Number	Concentration	Units
Titanium	7440-32-6	100	ug/mL
Tin	7440-31-5	100	ug/mL
Silver	7440-22-4	50	ug/mL
Silicon	7440-21-3	100	ug/mL
Phosphorus	7723-14-0	100	ug/mL
Molybdenum	7439-98-7	100	ug/mL
Antimony	7440-36-0	100	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MD11511

Description:	ICP-ICP/MS Solution B LCS Spike	Expires:	04/12/2012
Standard Type:	Analyte Spike	Prepared:	04/15/2011
Solvent:	D I H2O	Prepared By:	Andy P. Smith
Final Volume (mls):	500	Department:	Metals
Vials:	1	Last Edit:	04/15/2011 09:12 by APS
Vendor:	High-Purity	Lot No.:	1109710

Analyte	CAS Number	Concentration	Units
Titanium	7440-32-6	100	ug/mL
Tin	7440-31-5	100	ug/mL
Silver	7440-22-4	50	ug/mL
Silicon	7440-21-3	100	ug/mL
Phosphorus	7723-14-0	100	ug/mL
Molybdenum	7439-98-7	100	ug/mL
Antimony	7440-36-0	100	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MD11526

Description:	ICP internal std	Expires:	05/15/2011
Standard Type:	Internal Standard	Prepared:	04/15/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	4000	Department:	Metals
Vials:	1	Last Edit:	04/15/2011 15:22 by APS
Vendor:	-	Lot No.:	-

5% HNO3, 2% HCL, and 9.8g of Cesium carbonate.

Analyte	CAS Number	Concentration	Units
Yttrium	7440-65-5	2	ug/mL
Hydrochloric acid (HCl)	NA	20000	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MD11205	HCL, Conc.	04/12/2011	Andy P. Smith	04/12/2012	04/12/2011 09:26 by APS	80
MI02901	HNO3, Conc	09/29/2010	Erika D. Pabon	09/29/2015	03/08/2011 08:38 by EDP	200
ML00109	10,000ppm Yttrium stock	12/01/2010	Andy P. Smith	11/30/2011	12/01/2010 10:34 by APS	0.8
ML02111	Cesium carbonate	12/21/2010	Andy P. Smith	12/21/2015	12/21/2010 16:04 by APS	9.8

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MD12902

Description:	ICP internal std	Expires:	05/29/2011
Standard Type:	Internal Standard	Prepared:	04/29/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	4000	Department:	Metals
Vials:	1	Last Edit:	04/29/2011 11:36 by APS
Vendor:	-	Lot No.:	-

5% HNO3, 2% HCL, and 9.8g of Cesium carbonate.

Analyte	CAS Number	Concentration	Units
Yttrium	7440-65-5	2	ug/mL
Hydrochloric acid (HCl)	NA	20000	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MD11205	HCL, Conc.	04/12/2011	Andy P. Smith	04/12/2012	04/12/2011 09:26 by APS	80
MI02901	HNO3, Conc	09/29/2010	Erika D. Pabon	09/29/2015	03/08/2011 08:38 by EDP	200
ML00109	10,000ppm Yttrium stock	12/01/2010	Andy P. Smith	11/30/2011	12/01/2010 10:34 by APS	0.8
ML02111	Cesium carbonate	12/21/2010	Andy P. Smith	12/21/2015	12/21/2010 16:04 by APS	9.8

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MD12903

Description:	ICP IFB	Expires:	05/13/2011
Standard Type:	Calibration Standard	Prepared:	04/29/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	50	Department:	Metals
Vials:	1	Last Edit:	04/29/2011 11:39 by APS
Vendor:	Microbac	Lot No.:	-

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	10	ug/mL
Antimony	7440-36-0	1	ug/mL
Arsenic	7440-38-2	0.5	ug/mL
Barium	7440-39-3	0.5	ug/mL
Beryllium	7440-41-7	0.5	ug/mL
Boron	7440-42-8	0.5	ug/mL
Cadmium	7440-43-9	10	ug/mL
Calcium	7440-70-2	100	ug/mL
Chromium	7440-47-3	10	ug/mL
Cobalt	7440-48-4	0.5	ug/mL
Copper	7440-50-8	10	ug/mL
Gallium	7440-55-3	0.5	ug/mL
Iron	7439-89-6	100	ug/mL
Lead	7439-92-1	1	ug/mL
Aluminum	7429-90-5	100	ug/mL
Silicon	7440-21-3	1	ug/mL
Vanadium	7440-62-2	10	ug/mL
Titanium	7440-32-6	10	ug/mL
Tin	7440-31-5	1	ug/mL
Thallium	7440-28-0	0.5	ug/mL
Strontium	7440-24-6	0.5	ug/mL
Lithium	7439-93-2	1	ug/mL
Silver	7440-22-4	0.1	ug/mL
Magnesium	7439-95-4	100	ug/mL
Selenium	7782-49-2	1	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MD12903

Potassium	7440-09-7	5	ug/mL
Phosphorus	7723-14-0	0.5	ug/mL
Nickel	7440-02-0	10	ug/mL
Molybdenum	7439-98-7	10	ug/mL
Zinc	7440-66-6	10	ug/mL
Sodium	7440-23-5	100	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MD11211	ICP STD 5	04/12/2011	Andy P. Smith	05/13/2011	04/12/2011 10:04 by APS	50
ME01006	ICP ICSA SOLUTION A	05/10/2010	Andy P. Smith	10/29/2011	05/10/2010 12:56 by APS	0.5
ME01007	ICP ICSA SOLUTION B	05/10/2010	Andy P. Smith	10/29/2011	05/10/2010 12:59 by APS	0.5

Reviewed By Date

ML00205

G F S CHEMICALS, INC.
Columbus, Ohio 43222

LOT ANALYSIS

ITEM: 8014 AMCO CLEAR TURBIDITY STANDARD, 10 NTU **LOT#: C037441**

TEST	PASS/ FAIL	NUMERICAL RESULT
1. Turbidity 10 NTU +/- 0.1	PASS	10 NTU
2. NIST Traceable (particle size)	PASS	SRM 1963
3. NIST Traceable (particle concentrat'n/distribut'n)	PASS	SRM 2031
4. O.D. at 455 nm (100 mm pathlength) 0.116-0.124	PASS	0.120
5. Traceable to fresh formazin dilution value	PASS	Conforms
6. Expiration date (1 year from ship date)	PASS	See label

TRACEABLE TO N.I.S.T. (Y/N)? Y
Comment:

Reported by: Renita Smith C/A Print Date: 11/15/10

QC Supervisor: Joshua Crow Quality Assured to Retest Point: 12 months from shipment

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice (cGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211. Consult warranty limitations at www.gfschemicals.com/statics/documents/aboutus/termsandconditions.html For resale by GFS authorized distributors only.

Sequence:

Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/22/2011 10:40 1117217

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1117217-BLK1	Blank	1	1		|	
1117217-BLK2	Blank	1	1		|	
1117217-BS1	LCS	1	1		1 |	
1117217-BS2	LCS	1	1		1 |	
1117217-DUP1	Duplicate [11D0641-10]	1	1		|	
1117217-DUP2	Duplicate [11D1156-01]	1	1		|	
11D0641-10	WS Turbidity (PT-TUR-WS)	1	1	05/02/20		
11D0670-23	WP Turbidity (PT-TURB-WP)	1	1	05/02/20		
11D1071-01	Site S1	1	1	04/25/20		NEED ASAP, LET PM KNOW WHEN REVIEWED
11D1072-01	Site S3	1	1	04/25/20		NEED ASAP, LET PM KNOW WHEN REVIEWED
11D1098-01	Site 6 - Lodge	1	1	04/28/20		
11D1098-02	Site 7 - Firehouse	1	1	04/28/20		
11D1098-03	Site 8 - USUHS	1	1	04/28/20		
11D1098-04	Site 4	1	1	04/28/20		
11D1101-01	110421G-2nd LR	1	1	04/29/20		
11D1156-01	24960001 00004FU2	1	1	04/28/20		
11D1157-01	24970001 00004FXO	1	1	04/28/20		
11D1164-01	RW11-PZM004	1	1	05/13/20		
11D1164-02	RW13-PZM020	1	1	05/13/20		
11D1164-03	RW12-PZM004	1	1	05/13/20		
11D1164-04	RW02-PZM020	1	1	05/13/20		
11D1164-05	RW02-PZM000	1	1	05/13/20		

Standard(s):
ML00205 Turbidity Std 10.0 1uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/22/2011 10:40 1117217

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?			✓	
MS/MSD RPDs acceptable?			✓	

Sn'd hold times

Analyst [signature] Date 4/22/11

Reviewed By [signature] Date 4/25/11

1117217

Turbidity

EPA 180.1

Control #: 434
Effective Date: 10/04/2010

Date: 4/22/11 Time: 1200 Analyst: BMC

40 NTU Standard	Chemical #:	MF02819	Expiration Date:	6/30/11
10 NTU Calibration Standard	Chemical #:	ML00205	Expiration Date:	11/30/11
1.0 NTU Standard	Chemical #:	ML00206	Expiration Date:	11/1/11
0.2 NTU Standard	Chemical #:	MF02818	Expiration Date:	6/30/11
1000 NTU Standard	Chemical #:	MG00913	Expiration Date:	7/31/11

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00	0.00	
10 Cal. Check (ICV)	10.37	10.37	
40 NTU	39.4	39.4	
1 NTU	1.00	1.00	
0.2 NTU	0.20	0.20	
1000 NTU	651	651	
11D0641-10	6.36	6.36	
Dup	6.35	6.35	
11D0670-23	8.45	8.45	
11D1071-01	0.73	0.73	
11D1072-01	1.91	1.91	
11D1098-01	0.24	0.24	
-02	0.09	0.09	
-03	0.02	0.02	
-04	0.26	0.26	
11D1101-01	0.05	0.05	
11D1156-01	0.28	0.28	
CCB	0.00	0.00	
CCV (10 NTU)	10.27	10.27	
11D1157-01	0.06	0.06	
DUP	0.06	0.06	
11D1164-01	23.9	239	X10
-02	27.1	27.1	
-03	13.37	66.85	X5
-04	~~20.15~~	11.65	X10 116.5 BMC 4/22/11
-05	0.77	0.77	
CCB	0.00	0.00	
CCV (10 NTU)	10.25	10.25	

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

Turbidity
EPA 180.1

1st Tier					2nd Tier			
Initials/Date: BMK 4/22/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was standard verified and documented?	✓							
Was method blank ≤ 0.05 NTU?	✓							
If no, was blank reanalyzed with fresh sample?			✓					
Were all samples analyzed within holding time (48 hours)?	✓	✓						
If no, were results footnoted in notebook and LIMS?	✓							
Are all Chemical and solution # documented?	✓							
Were all standards within expiration date?	✓							
Was 10 NTU Calibration Check recovery within 95-105%	✓							
If not, was instrument recalibrated?			✓					
Was 40 NTU LCS within acceptance limits?	✓							
Was 1.0 NTU LCS within acceptance limits?	✓							
Was low check within acceptance limits?	✓							
Was a duplicate performed every 10 samples?	✓							
Was RPD within acceptance limits?	✓							
Was a CCB and CCV analyzed after every 10 samples?	✓							
Was a CCB and CCV analyzed after the last sample?	✓							
Were all CCBs and CCVs acceptable?	✓							
Was all QC data charted?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments/ Tier 1: _____

Comments/ Tier 2: _____

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/26/2011 09:45 1118088

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1	2	Comments
1118088-BLK1	Blank	1	1				
1118088-BS1	LCS	1	1		1		
1118088-DUP1	Duplicate [11D1164-08]	1	1				
11D1164-07	RW05-PZM001	1	1	05/13/20			
11D1164-08	RW01-PZM020	1	1	05/13/20			
11D1164-09	RW04-PZM003	1	1	05/13/20			
11D1164-10	RW07-PZM004	1	1	05/13/20			
11D1164-11	RW07-PZM017	1	1	05/13/20			

Standard(s):
ML00205 Turbidity Std 10.0 1uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/26/2011 09:45 1118088

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?			✓	
MS/MSD RPDs acceptable?			✓	

Bernadette Jimenez 4/27/11
Analyst Date

[signature] 4/27/11
Reviewed By Date

11K8088

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04/2010

Date: 4/26/11 Time: 945 Analyst: BMC

40 NTU Standard	Chemical #: MF02819	Expiration Date:	6/30/11
10 NTU Calibration Standard	Chemical #: ML00205	Expiration Date:	11/30/11
1.0 NTU Standard	Chemical #: ML00206	Expiration Date:	11/1/11
0.2 NTU Standard	Chemical #: MF02818	Expiration Date:	6/30/11
1000 NTU Standard	Chemical #: MG00813	Expiration Date:	7/31/11

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00		
10 Cal. Check (ICV)	10.15		
40 NTU	39.2		
1 NTU	1.05		
0.2 NTU	0.20		
1000 NTU	631		
11D1164-08	15.0		
Dup	15.1		
-10	7.95		
-11	31.8		
-09	14.92	149.2	X10
-07	0.25		
CCB	0.00		
CCV (10 NTU)	10.05		
DUP			
CCB			
CCV (10 NTU)			

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

Turbidity
EPA 180.1

1st Tier					2nd Tier			
Initials/Date: BNC 4/26/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was standard verified and documented?	✓							
Was method blank ≤ 0.05 NTU?	✓							
If no, was blank reanalyzed with fresh sample?			✓					
Were all samples analyzed within holding time (48 hours)?	✓							
If no, were results footnoted in notebook and LIMS?			✓					
Are all Chemical and solution # documented?	✓							
Were all standards within expiration date?	✓							
Was 10 NTU Calibration Check recovery within 95-105%	✓							
If not, was instrument recalibrated?			✓					
Was 40 NTU LCS within acceptance limits?	✓							
Was 1.0 NTU LCS within acceptance limits?	✓							
Was low check within acceptance limits?	✓							
Was a duplicate performed every 10 samples?	✓							
Was RPD within acceptance limits?	✓							
Was a CCB and CCV analyzed after every 10 samples?	✓							
Was a CCB and CCV analyzed after the last sample?	✓							
Were all CCBs and CCVs acceptable?	✓							
Was all QC data charted?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments/ Tier 1: _____

Comments/ Tier 2: _____

Sequence:

Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/28/2011 08:50 1118089

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1118089-BLK1	Blank	1	1		|	
1118089-BLK2	Blank	1	1		|	
1118089-BS1	LCS	1	1		1 |	
1118089-BS2	LCS	1	1		1 |	
1118089-DUP1	Duplicate [11D1164-20]	1	1		|	
1118089-DUP2	Duplicate [11D1234-01]	1	1		|	
11D1164-16	RW14-PZM020	1	1	05/11/20		
11D1164-17	RW09-PZM004	1	1	05/11/20		
11D1164-18	RW10-PZM004	1	1	05/11/20		
11D1164-19	RW10-PZM065	1	1	05/11/20		
11D1164-20	RW08-PZM003	1	1	05/11/20		
11D1164-21	RW06-PZM001	1	1	05/11/20		
11D1164-22	RW17-PZM019	1	1	05/11/20		
11D1164-23	RW16-PZM020	1	1	05/11/20		
11D1164-24	TS04-PZM004	1	1	05/11/20		
11D1164-25	RW20-PZM000	1	1	05/11/20		
11D1234-01	25150001 00004GKU	1	1	05/02/20		
11D1235-01	25160001 0000GOP	1	1	05/02/20		

Standard(s):
ML00205 Turbidity Std 10.0 1uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/28/2011 08:50 1118089

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?			✓	
ICV recoveries acceptable?	✓		✓	BMC 4/28/11
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?			✓	
MS/MSD RPDs acceptable?			✓	

FN'd holdtimes

Bernadette Cummings 4/28/11
Analyst Date

Reviewed By [signature] 4/28/11 Date

1118089

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04/2010
Page: 1 of 2

Date: 4/28/11 Time: 850 Analyst: BMC

40 NTU Standard	Chemical #:	MF02819	Expiration Date:	6/30/11
10 NTU Calibration Standard	Chemical #:	ML00205	Expiration Date:	11/30/11
1.0 NTU Standard	Chemical #:	ML00206	Expiration Date:	11/1/11
0.2 NTU Standard	Chemical #:	MF02818	Expiration Date:	6/30/11
1000 NTU Standard	Chemical #:	MG00913	Expiration Date:	7/31/11

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00		
10 Cal. Check (ICV)	10.07		
40 NTU	38.9		
1 NTU	1.02		
0.2 NTU	0.18		
1000 NTU	637		
11D1164-20	11.97		
Dup	11.98		
-16	16.23	162.3	X10
-17	3.03		
-18	0.59		
-19	0.25		
-21 ~~[illegible]~~	2.92		
-22	11.80	118.0	X10
-23	7.88		
-24	5.21		
-25	1.36		
CCB	0.00		
CCV (10 NTU)	10.15		
11D1234-01	0.32		
DUP	0.32		
11D1235-01	0.01		
CCB	0.00		
CCV (10 NTU)	10.17		

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04/2010

1st Tier					2nd Tier			
Initials/Date: BMC 4/28/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was standard verified and documented?	✓							
Was method blank ≤ 0.05 NTU?	✓							
If no, was blank reanalyzed with fresh sample?			✓					
Were all samples analyzed within holding time (48 hours)?	✓	✓						
If no, were results footnoted in notebook and LIMS?	✓							
Are all Chemical and solution # documented?	✓							
Were all standards within expiration date?	✓							
Was 10 NTU Calibration Check recovery within 95-105%	✓							
If not, was instrument recalibrated?			✓					
Was 40 NTU LCS within acceptance limits?	✓							
Was 1.0 NTU LCS within acceptance limits?	✓							
Was low check within acceptance limits?	✓							
Was a duplicate performed every 10 samples?	✓							
Was RPD within acceptance limits?	✓							
Was a CCB and CCV analyzed after every 10 samples?	✓							
Was a CCB and CCV analyzed after the last sample?	✓							
Were all CCBs and CCVs acceptable?	✓							
Was all QC data charted?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments/ Tier 1: _____

Comments/ Tier 2: _____

PREPARATION BENCH SHEET

1118145

Sequence: MID2914

Calibration:

Prepared: 04/28/2011 10:12
Prepared by: PBK
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICP

Printed: 4/28/2011 4:11:11PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
1118145-BLK1		50	50				
1118145-BS1		50	50	MD11507		500	
1118145-DUP1		50	50		11D1164-20		100X 1PSI
1118145-MS1		50	50	MD11507	11D1164-20	500	
1118145-MSD1		50	50	MD11507	11D1164-20	500	
11D1164-01 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50 RW11-PZM004	Use 200.7 for QC 100X + (1000X)			Use 200.7 for QC
11D1164-02 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW13-PZM020	Use 200.7 for QC Straight			Use 200.7 for QC
11D1164-03 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW12-PZM004	Use 200.7 for QC Straight			Use 200.7 for QC
11D1164-04 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW02-PZM020	Use 200.7 for QC Cd 100X + Zn 1000X			Use 200.7 for QC
11D1164-05 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW02-PZM000	Use 200.7 for QC Straight			Use 200.7 for QC
11D1164-06 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 Equipment Blank	Straight			
11D1164-07 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50 RW05-PZM001	Use 200.7 for QC Straight			Use 200.7 for QC
11D1164-08 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW01-PZM020	Use 200.7 for QC 10X + (100X)			Use 200.7 for QC

PREPARATION BENCH SHEET

1118145

Sequence:

Calibration:

Prepared: 04/28/2011 10:12
Prepared by: PBK
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICP

Printed: 4/28/2011 4:11:11PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments	
11D1164-09 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50	Use 200.7 for QC RW04-PZM003	10X			Use 200.7 for QC
11D1164-10 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50	Use 200.7 for QC RW07-PZM004	10X			Use 200.7 for QC
11D1164-11 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50	Use 200.7 for QC RW07-PZM017	100X			Use 200.7 for QC
11D1164-12 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50	Use 200.7 for QC RW07-PZM017 Duplicate	100X			Use 200.7 for QC
11D1164-13 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50	Use 200.7 for QC Equipment Blank	Straight			Use 200.7 for QC
11D1164-14 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50	Use 200.7 for QC Field Blank	Straight			Use 200.7 for QC
11D1164-15 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50	Use 200.7 for QC Equipment Blank	Straight			Use 200.7 for QC
11D1164-16 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50	Use 200.7 for QC RW14-PZM020	10X + 100X			Use 200.7 for QC
11D1164-17 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50	Use 200.7 for QC RW09-PZM004	Straight			Use 200.7 for QC
11D1164-18 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50	Use 200.7 for QC RW10-PZM004	Straight			Use 200.7 for QC

PREPARATION BENCH SHEET

1118145

Sequence: M102914

Calibration:

Prepared: 04/28/2011 10:12
Prepared by: PBK
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICP

Printed: 4/28/2011 4:11:11PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments	
11D1164-19 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50 RW10-PZM065	Use 200.7 for QC Straight				Use 200.7 for QC
11D1164-20 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW08-PZM003	Use 200.7 for QC 10X				Use 200.7 for QC

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
Linearity check recoveries acceptable for analytes that have concentrations over high calibration standard?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Interferent Checks acceptable?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓	✓		MSD out See PS
MS/MSD RPDs acceptable?	✓			

Analyst: [signature] Date: 4/29/11

Reviewed By: [signature] Date: 4/30/11

PREPARATION BENCH SHEET

1118151

Sequence: MID2919

Calibration:

Prepared: 04/28/2011 10:36
Prepared by: PBK
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICP

Printed: 4/28/2011 4:11:47PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments	
1118151-BLK1		50	50					
1118151-BS1		50	50	MD11507		500		
1118151-DUP1		50	50		11D1164-32			
1118151-MS1		50	50	MD11507	11D1164-32	500		
1118151-MSD1		50	50	MD11507	11D1164-32	500		
11D1164-21 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW06-PZM001	Use 200.7 for QC	100X			Use 200.7 for QC
11D1164-22 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW17-PZM019	Use 200.7 for QC	10Y			Use 200.7 for QC
11D1164-23 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50 RW16-PZM020	Use 200.7 for QC	10X			Use 200.7 for QC
11D1164-24 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50 TS04-PZM004	Use 200.7 for QC	Straight ?			Use 200.7 for QC
11D1164-25 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50 RW20-PZM000	Use 200.7 for QC	Straight			Use 200.7 for QC
11D1164-26 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW20-PZM000 Duplicate	Use 200.7 for QC	Straight			Use 200.7 for QC
11D1164-27 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW20-PZM020	Use 200.7 for QC	10X + Zn 100X			Use 200.7 for QC
11D1164-28 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50 RW20-PZM050	Use 200.7 for QC	Straight			Use 200.7 for QC

PREPARATION BENCH SHEET

1118151

Sequence:

Calibration:

Prepared: 04/28/2011 10:36
Prepared by: PBK
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICP

Printed: 4/28/2011 4:11:47PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments	
11D1164-29 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW21-PZM023	Use 200.7 for QC	10x			Use 200.7 for QC
11D1164-30 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50 RW19-PZM000	Use 200.7 for QC	Straight			Use 200.7 for QC
11D1164-31 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW19-PZM020	Use 200.7 for QC	10x		Straight	Use 200.7 for QC
11D1164-32 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50 RW19-PZM050	Use 200.7 for QC	Straight			Use 200.7 for QC
11D1164-33 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW18-PZM047	Use 200.7 for QC	Straight			Use 200.7 for QC
11D1164-34 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50 TS04-PZM023	Use 200.7 for QC	10x			Use 200.7 for QC
11D1164-35 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50 RW15-PZM020	Use 200.7 for QC	10x			Use 200.7 for QC
11D1164-36 RG Steel, LLC *M_Cd_ICP*	05/11/2011 15:00 *M_Zn_ICP*	50	50 RW03-PZM003	Use 200.7 for QC	Straight			Use 200.7 for QC
11D1164-37 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW10-PZM020	Use 200.7 for QC	Cd 10x + Zn 100x			Use 200.7 for QC
11D1164-38 RG Steel, LLC *M_Zn_ICP*	05/11/2011 15:00 *M_Cd_ICP*	50	50 RW03-PZM003 Duplicate	Use 200.7 for QC	100x ~~Straight~~			Use 200.7 for QC

PREPARATION BENCH SHEET

1118151

Sequence: MID2919

Calibration:

Prepared: 04/28/2011 10:36
Prepared by: PBK
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICP

Printed: 4/28/2011 4:11:47PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
11D1164-39	05/11/2011 15:00	50	50	Use 200.7 for QC			Use 200.7 for QC
RG Steel, LLC			Equipment Blank				
M_Zn_ICP	*M_Cd_ICP*			Straight			

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
Linearity check recoveries acceptable for analytes that have concentrations over high calibration standard?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Interferent Checks acceptable?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?	✓			
MS/MSD RPDs acceptable?	✓			

Analyst: [signature] Date: 4/29/11

Reviewed By: [signature] Date: 4/29/11

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/28/2011 18:46 1118181

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1	2	Comments
1118181-BLK1	Blank	1	1				
1118181-BLK2	Blank	1	1				
1118181-BS1	LCS	1	1		1		
1118181-BS2	LCS	1	1		1		
1118181-DUP1	Duplicate [11D1164-28]	1	1				
1118181-DUP2	Duplicate [11D1164-32]	1	1				
11D1099-01	Site 9 - McDonalds	1	1	05/06/20			
11D1099-02	Site 10 - Child Dev Ctr.	1	1	05/06/20			
11D1099-03	Site 11 - NSHS	1	1	05/06/20			
11D1099-04	Site 12 - Hospital bldg 9	1	1	05/06/20			
11D1164-27	RW20-PZM020	1	1	05/11/20			
11D1164-28	RW20-PZM050	1	1	05/11/20			
11D1164-29	RW21-PZM023	1	1	05/11/20			
11D1164-30	RW19-PZM000	1	1	05/11/20			
11D1164-31	RW19-PZM020	1	1	05/11/20			
11D1164-32	RW19-PZM050	1	1	05/11/20			
11D1164-33	RW18-PZM047	1	1	05/11/20			
11D1164-34	TS04-PZM023	1	1	05/11/20			
11D1164-35	RW15-PZM020	1	1	05/11/20			
11D1164-36	RW03-PZM003	1	1	05/11/20			
11D1164-37	RW10-PZM020	1	1	05/11/20			
11D1381-01	Site S3	1	1	05/02/20			NEED ASAP, LET PM KNOW WHEN REVIEWED
11D1382-01	Site S4	1	1	05/02/20			NEED ASAP, LET PM KNOW WHEN REVIEWED
11D1383-01	Site S1	1	1	05/02/20			NEED ASAP, LET PM KNOW WHEN REVIEWED

Standard(s):
ML00205 Turbidity Std 10.0 1uL or ug

Reagent ID#	Description	Lot Number

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 04/28/2011 18:46 1118181

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Tier Review:

Calibration/Checks:	**Yes**	**No**	**NA**	**Notes/Qualifiers/Comments:**
Calibration Coeficient Acceptable for all needed analytes?	✓			
ICV recoveries acceptable?	✓			
ICB concentrations < 1/2 MRL?	✓			
HCV check recoveries acceptable?	✓			
LCV recoveries acceptable?	✓			
Analysis:				
Bracketing CCV recoveries acceptable?	✓			
Bracketing CCB concentrations < 1/2 MRL?	✓			
Method Blank concentrations < 1/2 MRL?	✓			
LCS (BS) recoveries acceptable?	✓			
Sample Duplicate RPDs acceptable?	✓			
MS/MSD recoveries acceptable?			✓	
MS/MSD RPDs acceptable?			✓	

Analyst Date

Reviewed By BJ 4/30/11 Date

Turbidity 11|S181

EPA 180.1

Control #: 434
Effective Date: 10/04/2010
Page: 1 of 2

Date: 4/28/11 Time: 1815 Analyst: BMR

40 NTU Standard	Chemical #: MF02819	Expiration Date:	6/30/11
10 NTU Calibration Standard	Chemical #: ML00205	Expiration Date:	11/30/11
1.0 NTU Standard	Chemical #: ML00206	Expiration Date:	11/1/11
0.2 NTU Standard	Chemical #: MF02818	Expiration Date:	6/30/11
1000 NTU Standard	Chemical #: MG00913	Expiration Date:	7/31/11

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00		
10 Cal. Check (ICV)	10.17		
40 NTU	39.2		
1 NTU	1.05		
0.2 NTU	0.21		
1000 NTU	666		
11D1164-28	16.61		X10
Dup 1	16.61		X10
1055-01	0.42		
-03	0.09		
-02	0.05		
-04	0.27		
11D1382-01	2.48		
11D1383-01	1.16		
11D1381-01	21.5		
11D1164-27	15.83		X10
-29	10.88		
CCB	0.00		
CCV (10 NTU)	10.06		
-32	38.3		
DUP 2	38.3		
-35	74.5		X10
-37	30.5		
-31	13.36		
-30	7.75		
-33	18.37		X10
-36	14.01		X10
-34	23.8		X10
CCB	0.00		
CCV (10 NTU)	10.07		

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

Turbidity
EPA 180.1

1st Tier					2nd Tier			
Initials/Date: 4/29/11					Initials/Date:			
	Yes	No	NA	Notes	Yes	No	NA	Notes
Was standard verified and documented?	✓							
Was method blank ≤ 0.05 NTU?	✓							
If no, was blank reanalyzed with fresh sample?			✓					
Were all samples analyzed within holding time (48 hours)?	✓							
If no, were results footnoted in notebook and LIMS?			✓					
Are all Chemical and solution # documented?	✓							
Were all standards within expiration date?	✓							
Was 10 NTU Calibration Check recovery within 95-105%	✓							
If not, was instrument recalibrated?			✓					
Was 40 NTU LCS within acceptance limits?	✓							
Was 1.0 NTU LCS within acceptance limits?	✓							
Was low check within acceptance limits?	✓							
Was a duplicate performed every 10 samples?	✓							
Was RPD within acceptance limits?	✓							
Was a CCB and CCV analyzed after every 10 samples?	✓							
Was a CCB and CCV analyzed after the last sample?	✓							
Were all CCBs and CCVs acceptable?	✓							
Was all QC data charted?	✓							
Were all calculations checked?	✓							
Were all results and detection limits entered correctly in LIMS?	✓							

Comments/ Tier 1: _____

Comments/ Tier 2: _____

110427A. All Data Report 4/28/2011, 16:51:27

Blank (Blk) **4/27/2011, 11:29:02 AM** **Rack 2, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.000000	mg/L	4.662	0.9	497.820
Ag 338.289	0.000000	mg/L	2.730	293.9	-0.928841
Al 237.312	0.000000	mg/L	7.778	13.1	59.2836
Al 257.509	0.000000	mg/L	10.533	50.0	21.0511
Al 308.215	0.000000	mg/L	3.751	0.3	1272.45
As 188.980	0.000000	mg/L	0.870	15.4	5.65395
As 193.696	0.000000	mg/L	1.697	128.3	1.32223
As 228.812	0.000000	mg/L	4.510	41.7	10.8198
B 182.577	0.000000	mg/L	0.636	16.6	3.84231
B 249.678	0.000000	mg/L	5.719	14.2	40.2778
B 249.772	0.000000	mg/L	8.704	13.4	64.7502
Ba 233.527	0.000000	mg/L	2.369	1.3	178.873
Ba 455.403	0.000000	mg/L	12.439	0.3	3976.66
Ba 493.408	0.000000	mg/L	16.288	0.7	2446.85
Be 234.861	0.000000	mg/L	2.341	185.0	1.26508
Be 313.042	0.000000	mg/L	6.038	1.6	372.746
Be 313.107	0.000000	mg/L	9.880	11.3	87.0514
Ca 393.366	0.000000n	mg/L	36.884	0.2	18221.2
Ca 396.847	0.000000	mg/L	57.223	0.2	29132.9
Ca 430.253	0.000000	mg/L	66.295	6.4	1029.78
Cd 214.439	0.000000	mg/L	2.940	67.1	4.38202
Cd 226.502	0.000000	mg/L	3.370	14.9	22.6027
Cd 228.802	0.000000	mg/L	4.270	25.3	16.9019
Co 228.615	0.000000	mg/L	1.854	36.9	5.02436
Co 230.786	0.000000	mg/L	2.017	28.6	7.04983
Co 238.892	0.000000	mg/L	2.037	35.8	5.68642
Cr 205.560	0.000000	mg/L	0.845	13.0	6.50342
Cr 206.158	0.000000	mg/L	1.782	63.5	2.80826
Cr 267.716	0.000000	mg/L	3.024	9.6	31.3427
Cu 213.598	0.000000	mg/L	1.160	46.9	2.47272
Cu 324.754	0.000000	mg/L	10.493	2.9	366.738
Cu 327.395	0.000000	mg/L	7.002	23.5	29.7783
Fe 234.350	0.000000	mg/L	3.146	21.1	14.8818
Fe 238.204	0.000000	mg/L	7.716	15.8	48.9767
Fe 259.940	0.000000	mg/L	2.221	4.1	54.2114
Ga 287.423	0.000000	mg/L	4.237	22.7	18.6287
Ga 294.363	0.000000	mg/L	6.894	34.4	20.0331
Ga 417.204	0.000000	mg/L	3.362	3.0	112.307
K 766.491	0.000000	mg/L	8.934	0.4	2103.91
K 769.897	0.000000	mg/L	75.136	0.6	12549.8
Li 610.365	0.000000	mg/L	14.284	62.3	-22.9160
Li 670.783	0.000000	mg/L	635.313	1.0	60615.7
Mg 279.078	0.000000	mg/L	0.898	6.7	13.3010
Mg 280.270	0.000000	mg/L	2.752	0.9	298.334
Mg 285.213	0.000000	mg/L	8.803	10.1	87.4476
Mn 257.610	0.000000	mg/L	7.140	128.9	5.54104
Mn 259.372	0.000000	mg/L	4.003	8.3	48.1717
Mn 260.568	0.000000	mg/L	0.950	12.1	7.83392
Mo 202.032	0.000000	mg/L	1.043	4.6	22.5313
Mo 203.846	0.000000	mg/L	2.553	33.3	7.65735

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.000000	mg/L	2.688	46.4	5.79511
Na 568.821	0.000000	mg/L	24.924	10.9	227.991
Na 588.995	0.000000	mg/L	579.844	0.3	177570
Na 589.592	0.000000	mg/L	252.523	0.4	66027.9
Ni 216.555	0.000000	mg/L	1.959	39.2	4.99574
Ni 221.648	0.000000	mg/L	0.190	8.5	2.22526
Ni 231.604	0.000000	mg/L	1.464	18.7	7.81745
P 177.434	0.000000	mg/L	0.909	28.5	3.19049
P 213.618	0.000000	mg/L	0.529	19.5	2.71671
P 214.914	0.000000	mg/L	0.574	20.0	2.87387
Pb 220.353	0.000000	mg/L	1.164	17.5	6.66212
Pb 261.417	0.000000	mg/L	1.876	10.8	17.3406
Pb 405.781	0.000000	mg/L	4.537	8.0	56.9937
Sb 206.834	0.000000	mg/L	0.553	7.6	7.23838
Sb 231.146	0.000000	mg/L	2.424	60.9	3.98286
Sb 259.804	0.000000	mg/L	6.697	61.8	10.8375
Se 196.026	0.000000	mg/L	0.836	18.1	4.60665
Se 203.985	0.000000	mg/L	1.115	26.2	4.25249
Si 250.690	0.000000	mg/L	0.827	1.8	47.1800
Si 251.611	0.000000	mg/L	1.695	4.1	41.1639
Si 288.158	0.000000	mg/L	11.443	1.5	770.803
Sn 189.927	0.000000	mg/L	0.846	25.5	3.31408
Sn 283.998	0.000000	mg/L	2.661	19.6	13.5452
Sr 216.596	0.000000	mg/L	2.875	17.5	16.4587
Sr 407.771	0.000000	mg/L	15.307	0.3	5382.24
Sr 421.552	0.000000	mg/L	10.821	0.3	3249.89
Ti 334.941	0.000000	mg/L	21.086	21.1	99.8777
Ti 336.122	0.000000	mg/L	13.539	25.4	53.3609
Ti 337.280	0.000000	mg/L	3.217	72.8	4.42167
Tl 190.794	0.000000	mg/L	0.588	25.6	2.29248
Tl 190.807	0.000000	mg/L	0.321	21.6	1.48717
Tl 351.923	0.000000	mg/L	6.713	94.7	7.08650
V 268.796	0.000000	mg/L	1.048	4.8	22.0433
V 292.401	0.000000	mg/L	2.433	5.2	46.4376
V 311.837	0.000000	mg/L	3.407	33.8	10.0863
Zn 202.548	0.000000	mg/L	1.217	0.2	613.365
Zn 206.200	0.000000	mg/L	3.027	1.5	200.921
Zn 213.857	0.000000	mg/L	6.040	0.5	1157.53

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.960381	7701.09	28.986	0.4
Y 371.029	0.814853	134375	481.613	0.4

Standard 1 (Std) **4/27/2011, 11:33:16 AM** **Rack 2, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.001000	mg/L	4.172	3.7	113.222
Be 313.042	0.001000	mg/L	2.826	0.1	2004.06
Be 313.107	0.001000	mg/L	14.310	1.6	896.903
Cd 214.439	0.000500	mg/L	2.201	19.5	11.2856
Cd 226.502	0.000500	mg/L	1.238	3.0	41.0879

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 228.802	0.000500	mg/L	1.839	7.1	25.7987
Cr 205.560	0.001000	mg/L	1.989	23.5	8.47267
Cr 206.158	0.001000	mg/L	2.056	52.8	3.89253
Cr 267.716	0.001000	mg/L	2.778	5.5	50.3556
Cu 213.598	0.001000	mg/L	2.905	72.9	3.98664
Cu 324.754	0.001000	mg/L	4.677	1.2	385.161
Cu 327.395	0.001000	mg/L	24.185	30.4	79.6055
K 766.491	0.010000	mg/L	17.853	0.7	2659.67
K 769.897	0.010000	mg/L	19.702	0.2	13038.8
Mg 279.078	0.010000	mg/L	3.544	12.9	27.4570
Mg 280.270	0.010000	mg/L	4.520	0.4	1288.06
Mg 285.213	0.010000	mg/L	2.344	0.6	415.661

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.967173	7755.55	12.546	0.2
Y 371.029	0.819258	135101	60.711	0.0

Standard 2 (Std) **4/27/2011, 11:36:50 AM** **Rack 2, Tube 3**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.001000	mg/L	5.484	1.1	508.529
Ag 338.289	0.001000	mg/L	3.281	110.7	2.96432
Al 237.312	0.025000	mg/L	4.831	5.9	82.5582
Al 257.509	0.025000	mg/L	1.358	4.2	32.2438
Al 308.215	0.025000	mg/L	4.792	0.3	1375.11
As 188.980	0.005000	mg/L	1.694	24.5	6.91034
As 193.696	0.005000	mg/L	2.292	40.1	5.70887
As 228.812	0.005000	mg/L	15.808	147.9	10.6877
Ba 233.527	0.005000	mg/L	2.293	0.6	372.834
Ba 455.403	0.005000	mg/L	14.767	0.2	8418.51
Ba 493.408	0.005000	mg/L	6.492	0.1	5157.62
Be 234.861	0.005000	mg/L	7.674	1.3	574.535
Be 313.042	0.005000	mg/L	2.501	0.0	8773.31
Be 313.107	0.005000	mg/L	5.047	0.1	4234.04
Ca 393.366	0.050000n	mg/L	186.042	0.2	80298.0
Ca 396.847	0.050000	mg/L	283.909	0.2	126889
Ca 430.253	0.050000	mg/L	24.492	1.8	1381.80
Cd 214.439	0.002500	mg/L	1.730	3.6	48.0929
Cd 226.502	0.002500	mg/L	4.069	3.6	112.479
Cd 228.802	0.002500	mg/L	3.552	6.5	54.8844
Co 228.615	0.005000	mg/L	4.466	10.0	44.8328
Co 230.786	0.005000	mg/L	1.334	3.6	37.4570
Co 238.892	0.005000	mg/L	3.724	12.2	30.4708
Cr 205.560	0.005000	mg/L	0.201	0.8	25.4181
Cr 206.158	0.005000	mg/L	1.566	14.6	10.7386
Cr 267.716	0.005000	mg/L	2.692	2.0	132.771
Cu 213.598	0.005000	mg/L	2.711	13.1	20.7095
Cu 324.754	0.005000	mg/L	8.286	1.7	493.253
Cu 327.395	0.005000	mg/L	7.984	3.4	234.684
Fe 234.350	0.005000	mg/L	5.443	10.8	50.5375
Fe 238.204	0.005000	mg/L	8.824	7.4	119.540

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Fe 259.940	0.005000	mg/L	8.325	7.1	117.919
Ga 287.423	0.005000	mg/L	3.414	12.2	27.9981
Ga 294.363	0.005000	mg/L	6.436	14.2	45.2618
Ga 417.204	0.005000	mg/L	20.121	13.8	145.345
K 766.491	0.050000	mg/L	12.146	0.2	5396.60
K 769.897	0.050000	mg/L	24.051	0.2	15214.4
Li 610.365	0.010000	mg/L	20.230	4786.2	0.422676
Li 670.783	0.010000	mg/L	108.045	0.1	99599.0
Mg 279.078	0.050000	mg/L	1.727	1.8	95.4632
Mg 280.270	0.050000	mg/L	42.698	0.8	5319.06
Mg 285.213	0.050000	mg/L	6.012	0.3	1815.93
Mn 257.610	0.005000	mg/L	4.230	0.6	736.019
Mn 259.372	0.005000	mg/L	11.243	1.9	597.123
Mn 260.568	0.005000	mg/L	3.311	3.4	98.7500
Mo 202.032	0.010000	mg/L	1.692	3.1	54.1584
Mo 203.846	0.010000	mg/L	2.916	15.5	18.8705
Mo 204.598	0.010000	mg/L	1.191	5.6	21.1368
Ni 216.555	0.010000	mg/L	2.010	3.9	51.9270
Ni 221.648	0.010000	mg/L	2.491	10.3	24.2737
Ni 231.604	0.010000	mg/L	0.455	1.2	38.9672
Pb 220.353	0.010000	mg/L	1.602	10.0	16.0151
Pb 261.417	0.010000	mg/L	9.604	48.6	19.7509
Pb 405.781	0.010000	mg/L	8.021	11.2	71.3691
Sb 206.834	0.010000	mg/L	2.943	22.4	13.1495
Sb 231.146	0.010000	mg/L	1.965	21.4	9.18234
Sb 259.804	0.010000	mg/L	4.046	31.4	12.8660
Se 196.026	0.010000	mg/L	2.805	38.3	7.31872
Se 203.985	0.010000	mg/L	0.662	10.8	6.12924
Si 250.690	0.010000	mg/L	3.551	7.5	47.1204
Si 251.611	0.010000	mg/L	3.829	8.9	42.8210
Si 288.158	0.010000	mg/L	20.958	2.8	758.356
Sn 189.927	0.010000	mg/L	1.198	17.6	6.78655
Sn 283.998	0.010000	mg/L	15.058	56.7	26.5717
Sr 216.596	0.005000	mg/L	4.147	7.1	58.5420
Sr 407.771	0.005000	mg/L	29.046	0.2	18121.9
Sr 421.552	0.005000	mg/L	15.233	0.1	11485.5
Ti 334.941	0.005000	mg/L	13.255	1.2	1141.81
Ti 336.122	0.005000	mg/L	5.631	1.2	470.713
Ti 337.280	0.005000	mg/L	1.962	1.5	130.145
V 268.796	0.005000	mg/L	17.887	28.7	62.3647
V 292.401	0.005000	mg/L	6.025	3.1	192.290
V 311.837	0.005000	mg/L	4.359	2.4	178.547
Zn 202.548	0.005000	mg/L	17.476	2.7	642.229
Zn 206.200	0.005000	mg/L	1.095	0.5	213.682
Zn 213.857	0.005000	mg/L	39.302	3.2	1212.99

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.972323	7796.84	20.682	0.3
Y 371.029	0.822321	135607	353.339	0.3

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Standard 3 (Std) **4/27/2011, 11:40:25 AM** **Rack 2, Tube 4**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.004000	mg/L	27.149	4.3	635.447
Ag 338.289	0.004000	mg/L	2.289	43.5	5.26002
Al 237.312	0.100000	mg/L	4.536	2.6	175.675
Al 257.509	0.100000	mg/L	9.820	12.1	81.3326
Al 308.215	0.100000	mg/L	13.938	0.8	1813.52
As 188.980	0.020000	mg/L	2.784	20.8	13.3790
As 193.696	0.020000	mg/L	0.753	7.1	10.6355
As 228.812	0.020000	mg/L	31.415	115.4	27.2122
B 182.577	0.020000	mg/L	0.081	0.7	12.4100
B 249.678	0.020000	mg/L	9.743	4.6	212.441
B 249.772	0.020000	mg/L	10.727	2.8	389.694
Ba 233.527	0.020000	mg/L	1.111	0.1	938.735
Ba 455.403	0.020000	mg/L	45.037	0.2	21678.7
Ba 493.408	0.020000	mg/L	30.389	0.2	13109.3
Be 234.861	0.020000	mg/L	5.748	0.3	2288.83
Be 313.042	0.020000	mg/L	214.385	0.6	34125.1
Be 313.107	0.020000	mg/L	112.322	0.7	16720.6
Ca 393.366	0.200000n	mg/L	586.522	0.2	263044
Ca 396.847	0.200000	mg/L	620.707	0.1	424796
Ca 430.253	0.200000	mg/L	17.791	0.9	2069.60
Cd 214.439	0.010000	mg/L	1.700	0.9	182.420
Cd 226.502	0.010000	mg/L	2.788	0.7	381.806
Cd 228.802	0.010000	mg/L	4.446	2.9	153.307
Co 228.615	0.020000	mg/L	0.586	0.3	168.128
Co 230.786	0.020000	mg/L	1.096	0.9	126.285
Co 238.892	0.020000	mg/L	1.862	1.6	115.919
Cr 205.560	0.020000	mg/L	1.610	1.9	85.3406
Cr 206.158	0.020000	mg/L	1.108	3.3	33.6219
Cr 267.716	0.020000	mg/L	1.491	0.3	454.987
Cu 213.598	0.020000	mg/L	3.937	5.1	77.2538
Cu 324.754	0.020000	mg/L	11.277	1.2	963.269
Cu 327.395	0.020000	mg/L	15.290	1.8	852.842
Fe 234.350	0.020000	mg/L	14.388	8.1	178.011
Fe 238.204	0.020000	mg/L	19.554	5.2	373.572
Fe 259.940	0.020000	mg/L	14.899	4.5	330.367
Ga 287.423	0.020000	mg/L	14.433	23.0	62.8019
Ga 294.363	0.020000	mg/L	7.816	6.3	124.632
Ga 417.204	0.020000	mg/L	22.451	8.4	268.274
K 766.491	0.200000	mg/L	17.684	0.1	15578.8
K 769.897	0.200000	mg/L	90.633	0.4	23438.2
Li 610.365	0.040000	mg/L	17.828	2.3	764.077
Li 670.783	0.040000	mg/L	204.053	0.1	211635
Mg 279.078	0.200000	mg/L	6.281	1.9	328.504
Mg 280.270	0.200000	mg/L	73.671	0.4	20190.8
Mg 285.213	0.200000	mg/L	31.069	0.4	6967.93
Mn 257.610	0.020000	mg/L	45.415	1.6	2860.92
Mn 259.372	0.020000	mg/L	39.694	1.8	2172.68
Mn 260.568	0.020000	mg/L	2.961	0.8	370.167
Mo 202.032	0.040000	mg/L	2.372	1.6	147.741
Mo 203.846	0.040000	mg/L	1.852	3.1	59.0810

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.040000	mg/L	1.910	2.9	66.8914
Ni 216.555	0.040000	mg/L	2.186	1.1	202.589
Ni 221.648	0.040000	mg/L	1.942	2.4	81.1424
Ni 231.604	0.040000	mg/L	2.800	2.0	137.396
P 177.434	0.020000	mg/L	0.296	5.0	5.92699
P 213.618	0.020000	mg/L	3.280	23.8	13.7811
P 214.914	0.020000	mg/L	0.579	9.6	6.00037
Pb 220.353	0.040000	mg/L	0.859	1.8	46.5417
Pb 261.417	0.040000	mg/L	3.703	12.1	30.5408
Pb 405.781	0.040000	mg/L	16.119	15.3	105.272
Sb 206.834	0.040000	mg/L	0.685	2.1	32.6118
Sb 231.146	0.040000	mg/L	1.228	5.5	22.3587
Sb 259.804	0.040000	mg/L	3.294	22.3	14.7516
Se 196.026	0.040000	mg/L	0.266	1.8	15.0649
Se 203.985	0.040000	mg/L	1.298	12.7	10.2340
Si 250.690	0.040000	mg/L	4.419	5.2	85.0874
Si 251.611	0.040000	mg/L	3.163	3.7	85.7781
Si 288.158	0.040000	mg/L	9.205	1.0	965.145
Sn 189.927	0.040000	mg/L	1.936	13.0	14.9045
Sn 283.998	0.040000	mg/L	33.403	45.7	73.0331
Sr 216.596	0.020000	mg/L	2.823	1.7	170.802
Sr 407.771	0.020000	mg/L	61.433	0.1	55667.3
Sr 421.552	0.020000	mg/L	89.981	0.3	35866.0
Ti 334.941	0.020000	mg/L	13.303	0.3	4335.64
Ti 336.122	0.020000	mg/L	16.339	0.9	1845.31
Ti 337.280	0.020000	mg/L	6.714	1.1	587.000
Tl 190.794	0.020000	mg/L	0.158	1.7	9.44527
Tl 190.807	0.020000	mg/L	0.188	6.8	2.75231
Tl 351.923	0.020000	mg/L	6.424	11.3	56.6464
V 268.796	0.020000	mg/L	55.140	28.7	191.902
V 292.401	0.020000	mg/L	8.034	1.3	628.909
V 311.837	0.020000	mg/L	8.573	1.1	765.231
Zn 202.548	0.020000	mg/L	18.464	2.4	775.778
Zn 206.200	0.020000	mg/L	2.445	1.0	251.612
Zn 213.857	0.020000	mg/L	36.726	2.5	1464.57

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.970512	7782.32	32.558	0.4
Y 371.029	0.821650	135496	638.110	0.5

Standard 4 (Std) **4/27/2011, 11:44:07 AM** **Rack 2, Tube 5**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.020000	mg/L	8.473	0.6	1400.97
Ag 338.289	0.020000	mg/L	7.237	21.3	34.0432
Al 237.312	0.500000	mg/L	1.138	0.2	661.304
Al 257.509	0.500000	mg/L	4.912	1.6	305.700
Al 308.215	0.500000	mg/L	17.168	0.4	4184.45
As 188.980	0.100000	mg/L	1.633	4.3	38.2639
As 193.696	0.100000	mg/L	0.776	1.8	43.6189
As 228.812	0.100000	mg/L	107.245	111.2	96.4251

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
B 182.577	0.100000	mg/L	0.863	1.8	46.6637
B 249.678	0.100000	mg/L	15.629	1.7	896.239
B 249.772	0.100000	mg/L	20.544	1.2	1700.63
Ba 233.527	0.100000	mg/L	15.521	0.4	4020.06
Ba 455.403	0.100000	mg/L	75.802	0.1	91074.3
Ba 493.408	0.100000	mg/L	57.525	0.1	56299.1
Be 234.861	0.100000	mg/L	119.704	1.0	11435.5
Be 313.042	0.100000	mg/L	214.717	0.1	168503
Be 313.107	0.100000	mg/L	76.746	0.1	83127.2
Ca 393.366	1.00000n	mg/L	1828.306	0.1	1251732
Ca 396.847	1.00000	mg/L	2873.192	0.1	2026319
Ca 430.253	1.00000	mg/L	33.131	0.6	5430.64
Cd 214.439	0.050000	mg/L	4.339	0.5	915.402
Cd 226.502	0.050000	mg/L	5.166	0.3	1834.63
Cd 228.802	0.050000	mg/L	2.142	0.3	698.418
Co 228.615	0.100000	mg/L	8.561	1.0	859.417
Co 230.786	0.100000	mg/L	0.640	0.1	607.117
Co 238.892	0.100000	mg/L	3.552	0.6	560.890
Cr 205.560	0.100000	mg/L	2.861	0.7	402.294
Cr 206.158	0.100000	mg/L	1.341	0.8	162.383
Cr 267.716	0.100000	mg/L	6.067	0.3	2190.28
Cu 213.598	0.100000	mg/L	3.840	1.0	380.468
Cu 324.754	0.100000	mg/L	14.547	0.4	3481.51
Cu 327.395	0.100000	mg/L	17.899	0.4	4170.18
Fe 234.350	0.100000	mg/L	65.543	7.4	888.157
Fe 238.204	0.100000	mg/L	82.748	4.5	1838.86
Fe 259.940	0.100000	mg/L	60.079	3.9	1528.32
Ga 287.423	0.100000	mg/L	6.766	2.9	231.114
Ga 294.363	0.100000	mg/L	3.022	0.5	591.690
Ga 417.204	0.100000	mg/L	71.199	7.6	934.201
K 766.491	1.00000	mg/L	210.178	0.3	70658.7
K 769.897	1.00000	mg/L	546.402	0.8	66970.3
Li 610.365	0.200000	mg/L	39.191	0.5	7970.88
Li 670.783	0.200000	mg/L	1559.438	0.2	768546
Mg 279.078	1.00000	mg/L	2.825	0.2	1622.50
Mg 280.270	1.00000	mg/L	1310.740	1.3	101877
Mg 285.213	1.00000	mg/L	167.023	0.5	35240.4
Mn 257.610	0.100000	mg/L	226.202	1.6	14295.9
Mn 259.372	0.100000	mg/L	202.146	1.9	10701.7
Mn 260.568	0.100000	mg/L	13.968	0.8	1843.61
Mo 202.032	0.200000	mg/L	6.885	1.0	675.830
Mo 203.846	0.200000	mg/L	4.220	1.5	284.351
Mo 204.598	0.200000	mg/L	3.039	0.9	328.970
Na 568.821	1.00000	mg/L	9.840	2.2	451.847
Na 588.995	1.00000	mg/L	3471.572	0.4	812315
Na 589.592	1.00000	mg/L	891.525	0.2	380002
Ni 216.555	0.200000	mg/L	2.415	0.2	997.533
Ni 221.648	0.200000	mg/L	1.843	0.5	395.221
Ni 231.604	0.200000	mg/L	1.113	0.2	674.177
P 177.434	0.100000	mg/L	0.616	3.7	16.4884
P 213.618	0.100000	mg/L	4.683	7.0	66.4826

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
P 214.914	0.100000	mg/L	1.593	7.9	20.1166
Pb 220.353	0.200000	mg/L	2.412	1.1	220.760
Pb 261.417	0.200000	mg/L	4.752	4.4	107.625
Pb 405.781	0.200000	mg/L	5.452	1.8	307.853
Sb 206.834	0.200000	mg/L	1.430	1.0	136.916
Sb 231.146	0.200000	mg/L	2.250	2.2	101.909
Sb 259.804	0.200000	mg/L	1.838	2.1	85.9050
Se 196.026	0.200000	mg/L	1.403	2.4	59.0498
Se 203.985	0.200000	mg/L	3.269	9.4	34.6423
Si 250.690	0.200000	mg/L	6.093	1.9	328.179
Si 251.611	0.200000	mg/L	8.646	2.4	354.111
Si 288.158	0.200000	mg/L	11.629	0.5	2408.54
Sn 189.927	0.200000	mg/L	0.989	1.6	61.7841
Sn 283.998	0.200000	mg/L	126.376	44.2	285.952
Sr 216.596	0.100000	mg/L	1.864	0.2	789.695
Sr 407.771	0.100000	mg/L	833.965	0.3	255294
Sr 421.552	0.100000	mg/L	700.894	0.4	165178
Ti 334.941	0.100000	mg/L	161.663	0.7	21593.8
Ti 336.122	0.100000	mg/L	108.880	1.2	9028.53
Ti 337.280	0.100000	mg/L	11.046	0.4	3039.86
Tl 190.794	0.100000	mg/L	0.737	2.1	34.4249
Tl 190.807	0.100000	mg/L	0.858	5.1	16.8434
Tl 351.923	0.100000	mg/L	9.580	5.4	176.992
V 268.796	0.100000	mg/L	255.168	29.8	856.467
V 292.401	0.100000	mg/L	9.530	0.3	3015.73
V 311.837	0.100000	mg/L	9.839	0.2	4003.86
Zn 202.548	0.100000	mg/L	28.705	2.0	1455.44
Zn 206.200	0.100000	mg/L	3.808	0.8	476.242
Zn 213.857	0.100000	mg/L	64.789	2.3	2778.50

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.969635	7775.29	13.609	0.2
Y 371.029	0.822135	135576	189.448	0.1

Standard 5 (Std) **4/27/2011, 11:47:53 AM** **Rack 2, Tube 6**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.100000	mg/L	9.513	0.2	5262.59
Ag 338.289	0.100000	mg/L	9.193	3.4	268.749
Al 237.312	2.50000	mg/L	14.368	0.4	3194.78
Al 257.509	2.50000	mg/L	12.333	0.8	1486.17
Al 308.215	2.50000	mg/L	71.388	0.4	16458.3
As 188.980	0.500000	mg/L	1.378	0.8	171.389
As 193.696	0.500000	mg/L	0.813	0.4	204.327
As 228.812	0.500000	mg/L	569.483	113.7	500.988
B 182.577	0.500000	mg/L	1.567	0.7	211.975
B 249.678	0.500000	mg/L	50.169	1.2	4240.32
B 249.772	0.500000	mg/L	201.665	2.5	7997.23
Ba 233.527	0.500000	mg/L	96.498	0.5	19557.6
Ba 455.403	0.500000	mg/L	713.069	0.2	449310
Ba 493.408	0.500000	mg/L	771.074	0.3	271178

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.500000	mg/L	501.998	0.8	59079.3
Be 313.042	0.500000	mg/L	1944.282	0.2	853404
Be 313.107	0.500000	mg/L	1289.429	0.3	422580
Ca 393.366	5.00000n	mg/L	96126.297	1.6	5916652
Ca 396.847	5.00000	mg/L	30118.086	0.3	9633174
Ca 430.253	5.00000	mg/L	102.831	0.5	22746.8
Cd 214.439	0.250000	mg/L	20.582	0.4	4700.01
Cd 226.502	0.250000	mg/L	29.718	0.3	9174.70
Cd 228.802	0.250000	mg/L	20.716	0.6	3523.62
Co 228.615	0.500000	mg/L	31.389	0.7	4377.99
Co 230.786	0.500000	mg/L	19.171	0.6	3115.52
Co 238.892	0.500000	mg/L	11.871	0.4	2871.08
Cr 205.560	0.500000	mg/L	6.679	0.3	2038.75
Cr 206.158	0.500000	mg/L	3.791	0.5	821.151
Cr 267.716	0.500000	mg/L	38.278	0.4	10852.3
Cu 213.598	0.500000	mg/L	16.004	0.8	1979.65
Cu 324.754	0.500000	mg/L	54.546	0.3	16479.5
Cu 327.395	0.500000	mg/L	31.132	0.1	21412.2
Fe 234.350	0.500000	mg/L	338.037	7.4	4577.55
Fe 238.204	0.500000	mg/L	435.907	4.7	9287.95
Fe 259.940	0.500000	mg/L	308.952	4.0	7724.87
Ga 287.423	0.500000	mg/L	35.251	3.1	1127.76
Ga 294.363	0.500000	mg/L	19.390	0.6	3056.31
Ga 417.204	0.500000	mg/L	334.098	7.6	4422.49
K 766.491	5.00000	mg/L	701.665	0.2	361023
K 769.897	5.00000	mg/L	517.796	0.2	299199
Li 610.365	1.00000	mg/L	61.037	0.1	50097.3
Li 670.783	1.00000	mg/L	11269.432	0.3	3715752
Mg 279.078	5.00000	mg/L	17.336	0.2	8195.91
Mg 280.270	5.00000	mg/L	1733.266	0.3	514432
Mg 285.213	5.00000	mg/L	790.227	0.4	184811
Mn 257.610	0.500000	mg/L	1865.861	2.5	73899.2
Mn 259.372	0.500000	mg/L	1519.522	2.8	55074.6
Mn 260.568	0.500000	mg/L	97.648	1.0	9437.61
Mo 202.032	1.00000	mg/L	42.803	1.2	3568.56
Mo 203.846	1.00000	mg/L	20.710	1.4	1498.10
Mo 204.598	1.00000	mg/L	22.259	1.3	1750.08
Na 568.821	5.00000	mg/L	36.169	2.5	1419.47
Na 588.995	5.00000	mg/L	6696.569	0.2	3416917
Na 589.592	5.00000	mg/L	3892.162	0.2	1660770
Ni 216.555	1.00000	mg/L	12.731	0.2	5150.88
Ni 221.648	1.00000	mg/L	5.086	0.3	2029.24
Ni 231.604	1.00000	mg/L	23.246	0.7	3471.97
P 177.434	0.500000	mg/L	2.017	2.6	76.6168
P 213.618	0.500000	mg/L	19.450	5.9	330.852
P 214.914	0.500000	mg/L	6.963	8.0	86.8900
Pb 220.353	1.00000	mg/L	4.997	0.5	1105.24
Pb 261.417	1.00000	mg/L	5.414	1.0	515.885
Pb 405.781	1.00000	mg/L	13.506	1.0	1318.70
Sb 206.834	1.00000	mg/L	7.010	1.5	478.628
Sb 231.146	1.00000	mg/L	7.392	2.0	375.862

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sb 259.804	1.00000	mg/L	3.668	1.2	297.225
Se 196.026	1.00000	mg/L	5.404	1.9	292.025
Se 203.985	1.00000	mg/L	11.247	6.8	166.094
Si 250.690	1.00000	mg/L	15.040	1.1	1350.02
Si 251.611	1.00000	mg/L	36.264	2.4	1490.94
Si 288.158	1.00000	mg/L	29.213	0.4	8246.73
Sn 189.927	1.00000	mg/L	0.413	0.1	299.515
Sn 283.998	1.00000	mg/L	626.376	45.2	1386.72
Sr 216.596	0.500000	mg/L	10.843	0.3	3980.71
Sr 407.771	0.500000	mg/L	10995.284	0.9	1254253
Sr 421.552	0.500000	mg/L	2900.402	0.4	813998
Ti 334.941	0.500000	mg/L	310.311	0.3	106812
Ti 336.122	0.500000	mg/L	464.987	1.0	45239.4
Ti 337.280	0.500000	mg/L	61.905	0.4	15295.9
Tl 190.794	0.500000	mg/L	1.658	0.9	175.791
Tl 190.807	0.500000	mg/L	2.346	2.6	88.8883
Tl 351.923	0.500000	mg/L	1.903	0.2	822.737
V 268.796	0.500000	mg/L	1358.526	31.9	4255.23
V 292.401	0.500000	mg/L	67.791	0.4	15094.4
V 311.837	0.500000	mg/L	80.596	0.4	20978.4
Zn 202.548	0.500000	mg/L	106.602	2.0	5209.16
Zn 206.200	0.500000	mg/L	12.670	0.7	1705.60
Zn 213.857	0.500000	mg/L	245.358	2.5	9805.91

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.975563	7822.83	30.629	0.4
Y 371.029	0.825517	136133	528.940	0.4

Standard 6 (Std) **4/27/2011, 11:52:07 AM** **Rack 2, Tube 7**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.400000	mg/L	75.737	0.4	20084.5
Ag 338.289	0.400000	mg/L	36.998	3.0	1213.44
Al 237.312	10.0000	mg/L	58.165	0.5	12163.2
Al 257.509	10.0000	mg/L	12.921	0.2	5703.44
Al 308.215	10.0000	mg/L	281.691	0.5	59768.6
As 188.980	2.00000	mg/L	4.364	0.6	686.875
As 193.696	2.00000	mg/L	3.429	0.4	834.361
As 228.812	2.00000	mg/L	2000.587	110.9	1804.41
B 182.577	2.00000	mg/L	14.735	1.7	845.506
B 249.678	2.00000	mg/L	185.669	1.1	16959.8
B 249.772	2.00000	mg/L	345.220	1.1	32635.7
Ba 233.527	2.00000	mg/L	205.192	0.3	77204.8
Ba 455.403	2.00000	mg/L	3784.797	0.2	1720564
Ba 493.408	2.00000	mg/L	2777.742	0.3	1043899
Be 234.861	2.00000	mg/L	452.487	0.2	234132
Be 313.042	2.00000	mg/L	7839.602	0.2	3373185
Be 313.107	2.00000	mg/L	4198.291	0.3	1670614
Ca 393.366	20.0000n	mg/L	53973.035	0.3	19298892
Ca 396.847	20.0000o	mg/L	63949.762	0.2	34461380
Ca 430.253	20.0000	mg/L	379.776	0.5	83833.7

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 214.439	1.00000	mg/L	110.903	0.6	18355.7
Cd 226.502	1.00000	mg/L	85.507	0.2	36186.0
Cd 228.802	1.00000	mg/L	59.912	0.4	13713.0
Co 228.615	2.00000	mg/L	121.261	0.7	17071.7
Co 230.786	2.00000	mg/L	79.281	0.7	12002.3
Co 238.892	2.00000	mg/L	53.710	0.5	11037.5
Cr 205.560	2.00000	mg/L	80.191	1.0	8036.45
Cr 206.158	2.00000	mg/L	27.273	0.8	3226.82
Cr 267.716	2.00000	mg/L	173.720	0.4	42790.0
Cu 213.598	2.00000	mg/L	86.813	1.1	7756.07
Cu 324.754	2.00000	mg/L	362.076	0.6	63839.2
Cu 327.395	2.00000	mg/L	383.731	0.5	84038.4
Fe 234.350	2.00000	mg/L	1242.998	7.2	17330.7
Fe 238.204	2.00000	mg/L	1581.674	4.4	35907.9
Fe 259.940	2.00000	mg/L	1146.973	3.9	29277.1
Ga 287.423	2.00000	mg/L	130.507	2.9	4435.23
Ga 294.363	2.00000	mg/L	72.806	0.6	11843.3
Ga 417.204	2.00000	mg/L	1319.405	7.6	17375.3
K 766.491	20.0000	mg/L	4392.266	0.3	1324753
K 769.897	20.0000	mg/L	3285.730	0.3	1120502
Li 610.365	4.00000	mg/L	562.301	0.3	207725
Li 670.783	4.00000	mg/L	17800.631	0.1	13209526
Mg 279.078	20.0000	mg/L	90.403	0.3	32365.8
Mg 280.270	20.0000	mg/L	10846.192	0.6	1888428
Mg 285.213	20.0000	mg/L	4538.361	0.6	725875
Mn 257.610	2.00000	mg/L	4406.531	1.5	285811
Mn 259.372	2.00000	mg/L	4309.470	2.0	213171
Mn 260.568	2.00000	mg/L	465.040	1.3	36769.0
Mo 202.032	4.00000	mg/L	226.364	1.6	14454.4
Mo 203.846	4.00000	mg/L	87.418	1.4	6173.43
Mo 204.598	4.00000	mg/L	117.081	1.6	7274.16
Na 568.821	20.0000	mg/L	85.342	1.7	4977.39
Na 588.995	20.0000	mg/L	20706.063	0.2	11473447
Na 589.592	20.0000	mg/L	14401.320	0.2	6108392
Ni 216.555	4.00000	mg/L	61.795	0.3	19982.0
Ni 221.648	4.00000	mg/L	22.768	0.3	7939.88
Ni 231.604	4.00000	mg/L	80.994	0.6	13314.1
P 177.434	2.00000	mg/L	2.624	0.9	300.027
P 213.618	2.00000	mg/L	59.584	4.5	1317.61
P 214.914	2.00000	mg/L	27.016	7.9	343.021
Pb 220.353	4.00000	mg/L	12.811	0.3	4331.27
Pb 261.417	4.00000	mg/L	9.898	0.5	2000.83
Pb 405.781	4.00000	mg/L	52.515	1.0	5054.28
Sb 206.834	4.00000	mg/L	53.976	2.4	2286.73
Sb 231.146	4.00000	mg/L	38.841	2.2	1743.67
Sb 259.804	4.00000	mg/L	39.106	2.8	1407.00
Se 196.026	4.00000	mg/L	16.339	1.4	1197.43
Se 203.985	4.00000	mg/L	42.609	6.3	672.148
Si 250.690	4.00000	mg/L	43.549	0.9	4901.52
Si 251.611	4.00000	mg/L	127.750	2.3	5445.58
Si 288.158	4.00000	mg/L	128.679	0.4	29077.5

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sn 189.927	4.00000	mg/L	9.038	0.8	1193.49
Sn 283.998	4.00000	mg/L	2425.494	44.5	5456.32
Sr 216.596	2.00000	mg/L	45.240	0.3	15508.5
Sr 407.771	2.00000	mg/L	23782.115	0.5	4870969
Sr 421.552	2.00000	mg/L	21000.143	0.7	3188105
Ti 334.941	2.00000	mg/L	1902.661	0.4	428590
Ti 336.122	2.00000	mg/L	927.234	0.5	179219
Ti 337.280	2.00000	mg/L	280.520	0.5	61335.3
Tl 190.794	2.00000	mg/L	4.800	0.7	694.505
Tl 190.807	2.00000	mg/L	6.575	1.9	349.801
Tl 351.923	2.00000	mg/L	11.935	0.4	3179.31
V 268.796	2.00000	mg/L	5453.325	33.0	16535.4
V 292.401	2.00000	mg/L	163.642	0.3	59568.8
V 311.837	2.00000	mg/L	341.388	0.4	83080.5
Zn 202.548	2.00000	mg/L	342.509	2.0	17535.8
Zn 206.200	2.00000	mg/L	59.943	1.0	5753.96
Zn 213.857	2.00000	mg/L	797.359	2.4	33582.5

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.976789	7832.66	10.502	0.1
Y 371.029	0.825856	136189	164.049	0.1

Standard 7 (Std) **4/27/2011, 11:56:20 AM** **Rack 2, Tube 8**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ca 393.366	100.000on	mg/L	609222.625	1.3	47115900
Ca 396.847	100.000o	mg/L	520652.000	1.1	48038232
Ca 430.253	100.000	mg/L	1765.165	0.4	429462
Mg 279.078	100.000	mg/L	71.400	0.0	160783
Mg 280.270	100.000	mg/L	96129.250	1.3	7233244
Mg 285.213	100.000	mg/L	34344.625	1.0	3343513
Na 568.821	100.000	mg/L	436.720	1.7	26083.0
Na 588.995	100.000o	mg/L	153074.078	0.4	36241764
Na 589.592	100.000o	mg/L	172473.328	0.6	28203994

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.922807	7399.78	31.366	0.4
Y 371.029	0.789765	130238	656.538	0.5

Ag 328.068 Calibration (mg/L) **4/27/2011, 11:52:07 AM** **Correlation Coefficient: 0.999981**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		497.820	0.000000	0.000489	-	-
Standard 2		508.529	0.001000	0.000712	-0.000288	-28.8
Standard 3		635.447	0.004000	0.003354	-0.000646	-16.1
Standard 4		1400.97	0.020000	0.019289	-0.000711	-3.6
Standard 5		5262.59	0.100000	0.099673	-0.000327	-0.3
Standard 6		20084.5	0.400000	0.408207	0.008207	2.1

Curve Type: Linear Equation: y = 48039.9 x + 474.3

Ag 338.289 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999514

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-0.928841	0.000000	0.001128	-	-
Standard 2		2.96432	0.001000	0.002494	0.001494	149.4
Standard 3		5.26002	0.004000	0.003300	-0.000700	-17.5
Standard 4		34.0432	0.020000	0.013398	-0.006602	-33.0
Standard 5		268.749	0.100000	0.095747	-0.004253	-4.3
Standard 6		1213.44	0.400000	0.427202	0.027202	6.8

Maximum error exceeded.
Curve Type: Linear Equation: y = 2850.1 x + -4.1

Al 237.312 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999954

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		59.2836	0.000000	0.009008	-	-
Standard 2		82.5582	0.025000	0.027954	0.002954	11.8
Standard 3		175.675	0.100000	0.103755	0.003755	3.8
Standard 4		661.304	0.500000	0.499075	-0.000925	-0.2
Standard 5		3194.78	2.50000	2.56142	0.061419	2.5
Standard 6		12163.2	10.0000	9.86203	-0.137967	-1.4

Curve Type: Linear Equation: y = 1228.4 x + 48.2

Al 257.509 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999967

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		21.0511	0.000000	0.004133	-	-
Standard 2		32.2438	0.025000	0.023779	-0.001221	-4.9
Standard 3		81.3326	0.100000	0.109941	0.009941	9.9
Standard 4		305.700	0.500000	0.503757	0.003757	0.8
Standard 5		1486.17	2.50000	2.57574	0.075742	3.0
Standard 6		5703.44	10.0000	9.97802	-0.021981	-0.2

Curve Type: Linear Equation: y = 569.7 x + 18.7

Al 308.215 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999947

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1272.45	0.000000	0.003220	-	-
Standard 2		1375.11	0.025000	0.020546	-0.004454	-17.8
Standard 3		1813.52	0.100000	0.094535	-0.005465	-5.5
Standard 4		4184.45	0.500000	0.494668	-0.005332	-1.1
Standard 5		16458.3	2.50000	2.56607	0.066072	2.6
Standard 6		59768.6	10.0000	9.87539	-0.124607	-1.2

Curve Type: Linear Equation: y = 5925.4 x + 1253.4

As 188.980 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999974

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.65395	0.000000	0.001956	-	-
Standard 2		6.91034	0.005000	0.005676	0.000676	13.5
Standard 3		13.3790	0.020000	0.024828	0.004828	24.1
Standard 4		38.2639	0.100000	0.098505	-0.001495	-1.5
Standard 5		171.389	0.500000	0.492648	-0.007352	-1.5
Standard 6		686.875	2.00000	2.01884	0.018841	0.9

Curve Type: Linear Equation: y = 337.8 x + 5.0

As 193.696 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999970

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.32223	0.000000	-0.000744	-	-
Standard 2		5.70887	0.005000	0.009934	0.004934	98.7
Standard 3		10.6355	0.020000	0.021925	0.001925	9.6
Standard 4		43.6189	0.100000	0.102207	0.002207	2.2
Standard 5		204.327	0.500000	0.493373	-0.006627	-1.3
Standard 6		834.361	2.00000	2.02688	0.026884	1.3

Curve Type: Linear Equation: y = 410.8 x + 1.6

As 228.812 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999681

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.8198	0.000000	0.000402	-	-
Standard 2		10.6877	0.005000	0.000250	-0.004750	-95.0
Standard 3		27.2122	0.020000	0.019192	-0.000808	-4.0
Standard 4		96.4251	0.100000	0.098530	-0.001470	-1.5
Standard 5		500.988	0.500000	0.562277	0.062277	12.5
Standard 6		1804.41	2.00000	2.05639	0.056385	2.8

Curve Type: Linear Equation: y = 872.4 x + 10.5

B 182.577 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.84231	0.000000	-0.000527	-	-
Standard 3		12.4100	0.020000	0.019995	-0.000005	0.0
Standard 4		46.6637	0.100000	0.102044	0.002044	2.0
Standard 5		211.975	0.500000	0.498020	-0.001980	-0.4
Standard 6		845.506	2.00000	2.01554	0.015538	0.8

Curve Type: Linear Equation: y = 417.5 x + 4.1

B 249.678 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		40.2778	0.000000	-0.000179	-	-
Standard 3		212.441	0.020000	0.020196	0.000196	1.0
Standard 4		896.239	0.100000	0.101118	0.001118	1.1
Standard 5		4240.32	0.500000	0.496866	-0.003134	-0.6
Standard 6		16959.8	2.00000	2.00213	0.002128	0.1

Curve Type: Linear Equation: y = 8450.0 x + 41.8

B 249.772 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999977

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		64.7502	0.000000	-0.000034	-	-
Standard 3		389.694	0.020000	0.019941	-0.000059	-0.3
Standard 4		1700.63	0.100000	0.100529	0.000529	0.5
Standard 5		7997.23	0.500000	0.487604	-0.012396	-2.5
Standard 6		32635.7	2.00000	2.00222	0.002220	0.1

Curve Type: Linear Equation: y = 16267.1 x + 65.3

Ba 233.527 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		178.873	0.000000	0.000108	-	-
Standard 2		372.834	0.005000	0.005169	0.000169	3.4
Standard 3		938.735	0.020000	0.019934	-0.000066	-0.3
Standard 4		4020.06	0.100000	0.100330	0.000330	0.3
Standard 5		19557.6	0.500000	0.505726	0.005726	1.1
Standard 6		77204.8	2.00000	2.00982	0.009817	0.5

Curve Type: Linear Equation: y = 38326.9 x + 174.7

Ba 455.403 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999954

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3976.66	0.000000	-0.000038	-	-
Standard 2		8418.51	0.005000	0.005043	0.000043	0.9
Standard 3		21678.7	0.020000	0.020211	0.000211	1.1
Standard 4		91074.3	0.100000	0.099589	-0.000411	-0.4
Standard 5		449310	0.500000	0.509356	0.009356	1.9
Standard 6		1720564	2.00000	1.96348	-0.036523	-1.8

Curve Type: Linear Equation: y = 874242.3 x + 4009.8

Ba 493.408 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999967

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2446.85	0.000000	-0.000053	-	-
Standard 2		5157.62	0.005000	0.005009	0.000009	0.2
Standard 3		13109.3	0.020000	0.019856	-0.000144	-0.7
Standard 4		56299.1	0.100000	0.100497	0.000497	0.5
Standard 5		271178	0.500000	0.501708	0.001708	0.3
Standard 6		1043899	2.00000	1.94449	-0.055508	-2.8

Curve Type: Linear Equation: y = 535576.2 x + 2475.0

Be 234.861 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.26508	0.000000	0.000043	-	-
Standard 1		113.222	0.001000	0.001007	0.000007	0.7
Standard 2		574.535	0.005000	0.004979	-0.000021	-0.4
Standard 3		2288.83	0.020000	0.019737	-0.000263	-1.3
Standard 4		11435.5	0.100000	0.098484	-0.001516	-1.5
Standard 5		59079.3	0.500000	0.508662	0.008662	1.7
Standard 6		234132	2.00000	2.01574	0.015737	0.8

Curve Type: Linear Equation: y = 116154.0 x + -3.8

Be 313.042 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		372.746	0.000000	0.000026	-	-
Standard 1		2004.06	0.001000	0.000992	-0.000008	-0.8
Standard 2		8773.31	0.005000	0.005001	0.000001	0.0
Standard 3		34125.1	0.020000	0.020016	0.000016	0.1
Standard 4		168503	0.100000	0.099602	-0.000398	-0.4
Standard 5		853404	0.500000	0.505235	0.005235	1.0
Standard 6		3373185	2.00000	1.99758	-0.002422	-0.1

Curve Type: Linear Equation: y = 1688473.4 x + 328.4

Be 313.107 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		87.0514	0.000000	0.000014	-	-
Standard 1		896.903	0.001000	0.000987	-0.000013	-1.3
Standard 2		4234.04	0.005000	0.004999	-0.000001	0.0
Standard 3		16720.6	0.020000	0.020007	0.000007	0.0
Standard 4		83127.2	0.100000	0.099827	-0.000173	-0.2
Standard 5		422580	0.500000	0.507847	0.007847	1.6
Standard 6		1670614	2.00000	2.00797	0.007973	0.4

Curve Type: Linear Equation: y = 831952.6 x + 75.5

Ca 393.366 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.998435

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank	n	18221.2	0.000000	-0.000162	-	-
Standard 2	n	80298.0	0.050000	0.052768	0.002768	5.5
Standard 3	n	263044	0.200000	0.208588	0.008588	4.3
Standard 4	n	1251732	1.00000	1.05160	0.051599	5.2
Standard 5	n	5916652	5.00000	5.02918	0.029178	0.6
Standard 6	n	19298892	20.0000	16.4396	-3.56036	-17.8

Curve Type: Linear Equation: y = 1172804.1 x + 18411.4

Ca 396.847 Calibration (mg/L) 4/27/2011, 11:47:53 AM Correlation Coefficient: 0.999968

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		29132.9	0.000000	0.000020	-	-
Standard 2		126889	0.050000	0.049431	-0.000569	-1.1
Standard 3		424796	0.200000	0.200009	0.000009	0.0
Standard 4		2026319	1.00000	1.00950	0.009503	1.0
Standard 5		9633174	5.00000	4.85441	-0.145591	-2.9

Curve Type: Linear Equation: y = 1978424.4 x + 29093.7

Ca 430.253 Calibration (mg/L) 4/27/2011, 11:56:20 AM Correlation Coefficient: 0.999974

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1029.78	0.000000	-0.039671	-	-
Standard 2		1381.80	0.050000	0.043337	-0.006663	-13.3
Standard 3		2069.60	0.200000	0.205523	0.005523	2.8
Standard 4		5430.64	1.00000	0.998071	-0.001929	-0.2
Standard 5		22746.8	5.00000	5.08131	0.081310	1.6
Standard 6		83833.7	20.0000	19.4859	-0.514109	-2.6
Standard 7		429462	100.000	100.987	0.986633	1.0

Curve Type: Linear Equation: y = 4240.8 x + 1198.0

Cd 214.439 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999981

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.38202	0.000000	0.000219	-	-
Standard 1		11.2856	0.000500	0.000592	0.000092	18.4
Standard 2		48.0929	0.002500	0.002582	0.000082	3.3
Standard 3		182.420	0.010000	0.009846	-0.000154	-1.5
Standard 4		915.402	0.050000	0.049481	-0.000519	-1.0
Standard 5		4700.01	0.250000	0.254131	0.004131	1.7
Standard 6		18355.7	1.00000	0.992553	-0.007447	-0.7

Curve Type: Linear Equation: y = 18493.1 x + 0.3

Cd 226.502 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		22.6027	0.000000	0.000008	-	-
Standard 1		41.0879	0.000500	0.000518	0.000018	3.5
Standard 2		112.479	0.002500	0.002485	-0.000015	-0.6
Standard 3		381.806	0.010000	0.009909	-0.000091	-0.9
Standard 4		1834.63	0.050000	0.049953	-0.000047	-0.1
Standard 5		9174.70	0.250000	0.252268	0.002268	0.9
Standard 6		36186.0	1.00000	0.996782	-0.003218	-0.3

Curve Type: Linear Equation: y = 36280.5 x + 22.3

Cd 228.802 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999981

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		16.9019	0.000000	-0.000025	-	-
Standard 1		25.7987	0.000500	0.000625	0.000125	24.9
Standard 2		54.8844	0.002500	0.002747	0.000247	9.9
Standard 3		153.307	0.010000	0.009928	-0.000072	-0.7
Standard 4		698.418	0.050000	0.049702	-0.000298	-0.6
Standard 5		3523.62	0.250000	0.255843	0.005843	2.3
Standard 6		13713.0	1.00000	0.999310	-0.000690	-0.1

Curve Type: Linear Equation: y = 13705.2 x + 17.2

Co 228.615 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999978

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.02436	0.000000	0.000856	-	-
Standard 2		44.8328	0.005000	0.005503	0.000503	10.1
Standard 3		168.128	0.020000	0.019899	-0.000101	-0.5
Standard 4		859.417	0.100000	0.100612	0.000612	0.6
Standard 5		4377.99	0.500000	0.511428	0.011428	2.3
Standard 6		17071.7	2.00000	1.99350	-0.006502	-0.3

Curve Type: Linear Equation: y = 8564.8 x + -2.3

Co 230.786 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999955

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.04983	0.000000	0.000178	-	-
Standard 2		37.4570	0.005000	0.005232	0.000232	4.6
Standard 3		126.285	0.020000	0.019995	-0.000005	0.0
Standard 4		607.117	0.100000	0.099912	-0.000088	-0.1
Standard 5		3115.52	0.500000	0.516821	0.016821	3.4
Standard 6		12002.3	2.00000	1.99384	-0.006162	-0.3

Curve Type: Linear Equation: y = 6016.7 x + 6.0

Co 238.892 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999949

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.68642	0.000000	0.000297	-	-
Standard 2		30.4708	0.005000	0.004704	-0.000296	-5.9
Standard 3		115.919	0.020000	0.019899	-0.000101	-0.5
Standard 4		560.890	0.100000	0.099022	-0.000978	-1.0
Standard 5		2871.08	0.500000	0.509815	0.009815	2.0
Standard 6		11037.5	2.00000	1.96195	-0.038055	-1.9

Curve Type: Linear Equation: y = 5623.7 x + 4.0

Cr 205.560 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.50342	0.000000	0.000319	-	-
Standard 1		8.47267	0.001000	0.000805	-0.000195	-19.5
Standard 2		25.4181	0.005000	0.004994	-0.000006	-0.1
Standard 3		85.3406	0.020000	0.019805	-0.000195	-1.0
Standard 4		402.294	0.100000	0.098148	-0.001852	-1.9
Standard 5		2038.75	0.500000	0.502638	0.002638	0.5
Standard 6		8036.45	2.00000	1.98512	-0.014880	-0.7

Curve Type: Linear Equation: y = 4045.7 x + 5.2

Cr 206.158 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999992

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.80826	0.000000	0.000816	-	-
Standard 1		3.89253	0.001000	0.001482	0.000482	48.2
Standard 2		10.7386	0.005000	0.005687	0.000687	13.7
Standard 3		33.6219	0.020000	0.019742	-0.000258	-1.3
Standard 4		162.383	0.100000	0.098824	-0.001176	-1.2
Standard 5		821.151	0.500000	0.503429	0.003429	0.7
Standard 6		3226.82	2.00000	1.98095	-0.019048	-1.0

Curve Type: Linear Equation: y = 1628.2 x + 1.5

Cr 267.716 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		31.3427	0.000000	0.000237	-	-
Standard 1		50.3556	0.001000	0.001119	0.000119	11.9
Standard 2		132.771	0.005000	0.004944	-0.000056	-1.1
Standard 3		454.987	0.020000	0.019897	-0.000103	-0.5
Standard 4		2190.28	0.100000	0.100426	0.000426	0.4
Standard 5		10852.3	0.500000	0.502401	0.002401	0.5
Standard 6		42790.0	2.00000	1.98452	-0.015483	-0.8

Curve Type: Linear Equation: y = 21548.7 x + 26.2

Cu 213.598 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999985

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.47272	0.000000	0.000274	-	-
Standard 1		3.98664	0.001000	0.000663	-0.000337	-33.7
Standard 2		20.7095	0.005000	0.004968	-0.000032	-0.6
Standard 3		77.2538	0.020000	0.019524	-0.000476	-2.4
Standard 4		380.468	0.100000	0.097581	-0.002419	-2.4
Standard 5		1979.65	0.500000	0.509258	0.009258	1.9
Standard 6		7756.07	2.00000	1.99628	-0.003720	-0.2

Curve Type: Linear Equation: y = 3884.6 x + 1.4

Cu 324.754 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999991

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		366.738	0.000000	0.000651	-	-
Standard 1		385.161	0.001000	0.001228	0.000228	22.8
Standard 2		493.253	0.005000	0.004619	-0.000381	-7.6
Standard 3		963.269	0.020000	0.019363	-0.000637	-3.2
Standard 4		3481.51	0.100000	0.098356	-0.001644	-1.6
Standard 5		16479.5	0.500000	0.506079	0.006079	1.2
Standard 6		63839.2	2.00000	1.99167	-0.008328	-0.4

Curve Type: Linear Equation: y = 31879.3 x + 346.0

Cu 327.395 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999988

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		29.7783	0.000000	0.000267	-	-
Standard 1		79.6055	0.001000	0.001437	0.000437	43.7
Standard 2		234.684	0.005000	0.005078	0.000078	1.6
Standard 3		852.842	0.020000	0.019592	-0.000408	-2.0
Standard 4		4170.18	0.100000	0.097479	-0.002521	-2.5
Standard 5		21412.2	0.500000	0.502299	0.002299	0.5
Standard 6		84038.4	2.00000	1.97268	-0.027322	-1.4

Curve Type: Linear Equation: y = 42591.8 x + 18.4

Fe 234.350 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999901

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		14.8818	0.000000	0.000240	-	-
Standard 2		50.5375	0.005000	0.004380	-0.000620	-12.4
Standard 3		178.011	0.020000	0.019182	-0.000818	-4.1
Standard 4		888.157	0.100000	0.101640	0.001640	1.6
Standard 5		4577.55	0.500000	0.530036	0.030036	6.0
Standard 6		17330.7	2.00000	2.01088	0.010875	0.5

Curve Type: Linear Equation: y = 8612.1 x + 12.8

Fe 238.204 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999966

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		48.9767	0.000000	0.000536	-	-
Standard 2		119.540	0.005000	0.004512	-0.000488	-9.8
Standard 3		373.572	0.020000	0.018826	-0.001174	-5.9
Standard 4		1838.86	0.100000	0.101390	0.001390	1.4
Standard 5		9287.95	0.500000	0.521120	0.021120	4.2
Standard 6		35907.9	2.00000	2.02106	0.021058	1.1

Curve Type: Linear Equation: y = 17747.4 x + 39.5

Fe 259.940 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999915

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		54.2114	0.000000	0.000063	-	-
Standard 2		117.919	0.005000	0.004414	-0.000586	-11.7
Standard 3		330.367	0.020000	0.018923	-0.001077	-5.4
Standard 4		1528.32	0.100000	0.100736	0.000736	0.7
Standard 5		7724.87	0.500000	0.523920	0.023920	4.8
Standard 6		29277.1	2.00000	1.99580	-0.004202	-0.2

Curve Type: Linear Equation: y = 14642.7 x + 53.3

Ga 287.423 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		18.6287	0.000000	0.000711	-	-
Standard 2		27.9981	0.005000	0.004989	-0.000011	-0.2
Standard 3		62.8019	0.020000	0.020880	0.000880	4.4
Standard 4		231.114	0.100000	0.097727	-0.002273	-2.3
Standard 5		1127.76	0.500000	0.507113	0.007113	1.4
Standard 6		4435.23	2.00000	2.01723	0.017227	0.9

Curve Type: Linear Equation: y = 2190.2 x + 17.1

Ga 294.363 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999970

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		20.0331	0.000000	0.002653	-	-
Standard 2		45.2618	0.005000	0.006893	0.001893	37.9
Standard 3		124.632	0.020000	0.020234	0.000234	1.2
Standard 4		591.690	0.100000	0.098739	-0.001261	-1.3
Standard 5		3056.31	0.500000	0.513003	0.013003	2.6
Standard 6		11843.3	2.00000	1.98995	-0.010051	-0.5

Curve Type: Linear Equation: y = 5949.4 x + 4.2

Ga 417.204 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		112.307	0.000000	0.000063	-	-
Standard 2		145.345	0.005000	0.003989	-0.001011	-20.2
Standard 3		268.274	0.020000	0.018594	-0.001406	-7.0
Standard 4		934.201	0.100000	0.097716	-0.002284	-2.3
Standard 5		4422.49	0.500000	0.512177	0.012177	2.4
Standard 6		17375.3	2.00000	2.05115	0.051154	2.6

Curve Type: Linear Equation: y = 8416.5 x + 111.8

K 766.491 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999768

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2103.91	0.000000	0.001152	-	-
Standard 1		2659.67	0.010000	0.009261	-0.000739	-7.4
Standard 2		5396.60	0.050000	0.049196	-0.000804	-1.6
Standard 3		15578.8	0.200000	0.197765	-0.002235	-1.1
Standard 4		70658.7	1.00000	1.00144	0.001436	0.1
Standard 5		361023	5.00000	5.23814	0.238145	4.8
Standard 6		1324753	20.0000	19.2999	-0.700068	-3.5

Curve Type: Linear Equation: y = 68535.4 x + 2024.9

K 769.897 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999958

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		12549.8	0.000000	0.002075	-	-
Standard 1		13038.8	0.010000	0.010705	0.000705	7.0
Standard 2		15214.4	0.050000	0.049105	-0.000895	-1.8
Standard 3		23438.2	0.200000	0.194254	-0.005746	-2.9
Standard 4		66970.3	1.00000	0.962586	-0.037414	-3.7
Standard 5		299199	5.00000	5.06138	0.061379	1.2
Standard 6		1120502	20.0000	19.5572	-0.442774	-2.2

Curve Type: Linear Equation: y = 56657.8 x + 12432.2

Li 610.365 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999937

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-22.9160	0.000000	0.010945	-	-
Standard 2		0.422676	0.010000	0.011411	0.001411	14.1
Standard 3		764.077	0.040000	0.026674	-0.013326	-33.3
Standard 4		7970.88	0.200000	0.170709	-0.029291	-14.6
Standard 5		50097.3	1.00000	1.01265	0.012647	1.3
Standard 6		207725	4.00000	4.16299	0.162990	4.1

Curve Type: Linear Equation: y = 50035.1 x + -570.5

Li 670.783 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999608

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		60615.7	0.000000	-0.001860	-	-
Standard 2		99599.0	0.010000	0.009468	-0.000532	-5.3
Standard 3		211635	0.040000	0.042026	0.002026	5.1
Standard 4		768546	0.200000	0.203861	0.003861	1.9
Standard 5		3715752	1.00000	1.06031	0.060306	6.0
Standard 6		13209526	4.00000	3.81915	-0.180847	-4.5

Curve Type: Linear Equation: y = 3441211.0 x + 67016.0

Mg 279.078 Calibration (mg/L) 4/27/2011, 11:56:20 AM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.3010	0.000000	-0.000248	-	-
Standard 1		27.4570	0.010000	0.008549	-0.001451	-14.5
Standard 2		95.4632	0.050000	0.050814	0.000814	1.6
Standard 3		328.504	0.200000	0.195646	-0.004354	-2.2
Standard 4		1622.50	1.00000	0.999850	-0.000150	0.0
Standard 5		8195.91	5.00000	5.08514	0.085141	1.7
Standard 6		32365.8	20.0000	20.1064	0.106447	0.5
Standard 7		160783	100.000	99.9160	-0.084045	-0.1

Curve Type: Linear Equation: y = 1609.0 x + 13.7

Mg 280.270 Calibration (mg/L) 4/27/2011, 11:56:20 AM Correlation Coefficient: 0.998084

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		298.334	0.000000	-0.000010	-	-
Standard 1		1288.06	0.010000	0.010011	0.000011	0.1
Standard 2		5319.06	0.050000	0.050827	0.000827	1.7
Standard 3		20190.8	0.200000	0.201411	0.001411	0.7
Standard 4		101877	1.00000	1.02853	0.028529	2.9
Standard 5		514432	5.00000	5.20588	0.205877	4.1
Standard 6		1888428	20.0000	19.1183	-0.881678	-4.4
Standard 7		7233244	100.000	73.2375	-26.7625	-26.8

Curve Type: Linear Equation: y = 98760.1 x + 299.3

Mg 285.213 Calibration (mg/L) 4/27/2011, 11:56:20 AM Correlation Coefficient: 0.999850

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		87.4476	0.000000	0.000766	-	-
Standard 1		415.661	0.010000	0.010036	0.000036	0.4
Standard 2		1815.93	0.050000	0.049584	-0.000416	-0.8
Standard 3		6967.93	0.200000	0.195091	-0.004909	-2.5
Standard 4		35240.4	1.00000	0.993587	-0.006413	-0.6
Standard 5		184811	5.00000	5.21790	0.217896	4.4
Standard 6		725875	20.0000	20.4991	0.499109	2.5
Standard 7		3343513	100.000	94.4288	-5.57119	-5.6

Curve Type: Linear Equation: y = 35407.1 x + 60.3

Mn 257.610 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999961

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.54104	0.000000	-0.000043	-	-
Standard 2		736.019	0.005000	0.005018	0.000018	0.4
Standard 3		2860.92	0.020000	0.019738	-0.000262	-1.3
Standard 4		14295.9	0.100000	0.098957	-0.001043	-1.0
Standard 5		73899.2	0.500000	0.511875	0.011875	2.4
Standard 6		285811	2.00000	1.97995	-0.020048	-1.0

Curve Type: Linear Equation: y = 144346.8 x + 11.7

Mn 259.372 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999964

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		48.1717	0.000000	-0.000010	-	-
Standard 2		597.123	0.005000	0.005101	0.000101	2.0
Standard 3		2172.68	0.020000	0.019769	-0.000231	-1.2
Standard 4		10701.7	0.100000	0.099176	-0.000824	-0.8
Standard 5		55074.6	0.500000	0.512297	0.012297	2.5
Standard 6		213171	2.00000	1.98421	-0.015793	-0.8

Curve Type: Linear Equation: y = 107409.2 x + 49.3

Mn 260.568 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999977

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.83392	0.000000	0.000029	-	-
Standard 2		98.7500	0.005000	0.004974	-0.000026	-0.5
Standard 3		370.167	0.020000	0.019737	-0.000263	-1.3
Standard 4		1843.61	0.100000	0.099880	-0.000120	-0.1
Standard 5		9437.61	0.500000	0.512934	0.012934	2.6
Standard 6		36769.0	2.00000	1.99955	-0.000453	0.0

Curve Type: Linear Equation: y = 18385.0 x + 7.3

Mo 202.032 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999986

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		22.5313	0.000000	0.000614	-	-
Standard 2		54.1584	0.010000	0.009944	-0.000056	-0.6
Standard 3		147.741	0.040000	0.037553	-0.002447	-6.1
Standard 4		675.830	0.200000	0.193346	-0.006654	-3.3
Standard 5		3568.56	1.00000	1.04674	0.046741	4.7
Standard 6		14454.4	4.00000	4.25823	0.258229	6.5

Curve Type: Linear Equation: y = 3389.7 x + 20.5

Mo 203.846 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999965

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.65735	0.000000	0.004053	-	-
Standard 2		18.8705	0.010000	0.011628	0.001628	16.3
Standard 3		59.0810	0.040000	0.038790	-0.001210	-3.0
Standard 4		284.351	0.200000	0.190959	-0.009041	-4.5
Standard 5		1498.10	1.00000	1.01085	0.010846	1.1
Standard 6		6173.43	4.00000	4.16902	0.169022	4.2

Curve Type: Linear Equation: y = 1480.4 x + 1.7

Mo 204.598 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999948

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.79511	0.000000	0.002100	-	-
Standard 2		21.1368	0.010000	0.011175	0.001175	11.8
Standard 3		66.8914	0.040000	0.038242	-0.001758	-4.4
Standard 4		328.970	0.200000	0.193277	-0.006723	-3.4
Standard 5		1750.08	1.00000	1.03395	0.033946	3.4
Standard 6		7274.16	4.00000	4.30177	0.301774	7.5

Curve Type: Linear Equation: y = 1690.4 x + 2.2

Na 568.821 Calibration (mg/L) 4/27/2011, 11:56:20 AM Correlation Coefficient: 0.999873

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		227.991	0.000000	0.498208	-	-
Standard 4		451.847	1.00000	1.36168	0.361684	36.2
Standard 5		1419.47	5.00000	5.09406	0.094059	1.9
Standard 6		4977.39	20.0000	18.8180	-1.18204	-5.9
Standard 7		26083.0	100.000	100.228	0.228088	0.2

Curve Type: Linear Equation: y = 259.3 x + 98.8

Na 588.995 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999292

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		177570	0.000000	-0.261773	-	-
Standard 4		812315	1.00000	0.869938	-0.130062	-13.0
Standard 5		3416917	5.00000	5.51378	0.513777	10.3
Standard 6		11473447	20.0000	19.8781	-0.121941	-0.6

Curve Type: Linear Equation: y = 560872.4 x + 324391.2

Na 589.592 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999898

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		66027.9	0.000000	-0.095707	-	-
Standard 4		380002	1.00000	0.946104	-0.053896	-5.4
Standard 5		1660770	5.00000	5.19588	0.195877	3.9
Standard 6		6108392	20.0000	19.9537	-0.046276	-0.2

Curve Type: Linear Equation: y = 301373.3 x + 94871.4

Ni 216.555 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999968

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.99574	0.000000	0.000915	-	-
Standard 2		51.9270	0.010000	0.010213	0.000213	2.1
Standard 3		202.589	0.040000	0.040062	0.000062	0.2
Standard 4		997.533	0.200000	0.197556	-0.002444	-1.2
Standard 5		5150.88	1.00000	1.02041	0.020415	2.0
Standard 6		19982.0	4.00000	3.95874	-0.041256	-1.0

Curve Type: Linear Equation: y = 5047.5 x + 0.4

Ni 221.648 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999984

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.22526	0.000000	0.000023	-	-
Standard 2		24.2737	0.010000	0.011037	0.001037	10.4
Standard 3		81.1424	0.040000	0.039446	-0.000554	-1.4
Standard 4		395.221	0.200000	0.196344	-0.003656	-1.8
Standard 5		2029.24	1.00000	1.01261	0.012614	1.3
Standard 6		7939.88	4.00000	3.96527	-0.034733	-0.9

Curve Type: Linear Equation: y = 2001.8 x + 2.2

Ni 231.604 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999942

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.81745	0.000000	0.000682	-	-
Standard 2		38.9672	0.010000	0.009986	-0.000014	-0.1
Standard 3		137.396	0.040000	0.039385	-0.000615	-1.5
Standard 4		674.177	0.200000	0.199713	-0.000287	-0.1
Standard 5		3471.97	1.00000	1.03537	0.035368	3.5
Standard 6		13314.1	4.00000	3.97505	-0.024945	-0.6

Curve Type: Linear Equation: y = 3348.0 x + 5.5

P 177.434 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999988

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.19049	0.000000	0.002879	-	-
Standard 3		5.92699	0.020000	0.021348	0.001348	6.7
Standard 4		16.4884	0.100000	0.092629	-0.007371	-7.4
Standard 5		76.6168	0.500000	0.498445	-0.001555	-0.3
Standard 6		300.027	2.00000	2.00628	0.006279	0.3

Curve Type: Linear Equation: y = 148.2 x + 2.8

P 213.618 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.71671	0.000000	0.000098	-	-
Standard 3		13.7811	0.020000	0.017076	-0.002924	-14.6
Standard 4		66.4826	0.100000	0.097946	-0.002054	-2.1
Standard 5		330.852	0.500000	0.503617	0.003617	0.7
Standard 6		1317.61	2.00000	2.01779	0.017786	0.9

Curve Type: Linear Equation: y = 651.7 x + 2.7

P 214.914 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.87387	0.000000	0.000651	-	-
Standard 3		6.00037	0.020000	0.019071	-0.000929	-4.6
Standard 4		20.1166	0.100000	0.102235	0.002235	2.2
Standard 5		86.8900	0.500000	0.495624	-0.004376	-0.9
Standard 6		343.021	2.00000	2.00459	0.004592	0.2

Curve Type: Linear Equation: y = 169.7 x + 2.8

Pb 220.353 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999990

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.66212	0.000000	0.001914	-	-
Standard 2		16.0151	0.010000	0.010523	0.000523	5.2
Standard 3		46.5417	0.040000	0.038623	-0.001377	-3.4
Standard 4		220.760	0.200000	0.198994	-0.001006	-0.5
Standard 5		1105.24	1.00000	1.01317	0.013168	1.3
Standard 6		4331.27	4.00000	3.98276	-0.017238	-0.4

Curve Type: Linear Equation: y = 1086.4 x + 4.6

Pb 261.417 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999987

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		17.3406	0.000000	0.003899	-	-
Standard 2		19.7509	0.010000	0.008751	-0.001249	-12.5
Standard 3		30.5408	0.040000	0.030475	-0.009525	-23.8
Standard 4		107.625	0.200000	0.185675	-0.014325	-7.2
Standard 5		515.885	1.00000	1.00765	0.007654	0.8
Standard 6		2000.83	4.00000	3.99740	-0.002605	-0.1

Curve Type: Linear Equation: y = 496.7 x + 15.4

Pb 405.781 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		56.9937	0.000000	-0.000360	-	-
Standard 2		71.3691	0.010000	0.011097	0.001097	11.0
Standard 3		105.272	0.040000	0.038117	-0.001883	-4.7
Standard 4		307.853	0.200000	0.199571	-0.000429	-0.2
Standard 5		1318.70	1.00000	1.00520	0.005204	0.5
Standard 6		5054.28	4.00000	3.98241	-0.017595	-0.4

Curve Type: Linear Equation: y = 1254.7 x + 57.4

Sb 206.834 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.998901

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.23838	0.000000	-0.004280	-	-
Standard 2		13.1495	0.010000	0.006375	-0.003625	-36.3
Standard 3		32.6118	0.040000	0.041457	0.001457	3.6
Standard 4		136.916	0.200000	0.229471	0.029471	14.7
Standard 5		478.628	1.00000	0.845430	-0.154570	-15.5
Standard 6		2286.73	4.00000	4.10465	0.104654	2.6

Curve Type: Linear Equation: y = 554.8 x + 9.6

Sb 231.146 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999221

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.98286	0.000000	-0.007835	-	-
Standard 2		9.18234	0.010000	0.004876	-0.005124	-51.2
Standard 3		22.3587	0.040000	0.037088	-0.002912	-7.3
Standard 4		101.909	0.200000	0.231563	0.031563	15.8
Standard 5		375.862	1.00000	0.901289	-0.098711	-9.9
Standard 6		1743.67	4.00000	4.24514	0.245141	6.1

Curve Type: Linear Equation: y = 409.1 x + 7.2

Sb 259.804 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.998925

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.8375	0.000000	-0.022259	-	-
Standard 2		12.8660	0.010000	-0.015365	-0.025365	-253.7
Standard 3		14.7516	0.040000	-0.008957	-0.048957	-122.4
Standard 4		85.9050	0.200000	0.232861	0.032861	16.4
Standard 5		297.225	1.00000	0.951041	-0.048959	-4.9
Standard 6		1407.00	4.00000	4.72265	0.722650	18.1

Maximum error exceeded.
Curve Type: Linear Equation: y = 294.2 x + 17.4

Se 196.026 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999958

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.60665	0.000000	0.004056	-	-
Standard 2		7.31872	0.010000	0.013351	0.003351	33.5
Standard 3		15.0649	0.040000	0.039898	-0.000102	-0.3
Standard 4		59.0498	0.200000	0.190641	-0.009359	-4.7
Standard 5		292.025	1.00000	0.989079	-0.010921	-1.1
Standard 6		1197.43	4.00000	4.09204	0.092037	2.3

Curve Type: Linear Equation: y = 291.8 x + 3.4

Se 203.985 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999967

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.25249	0.000000	-0.000201	-	-
Standard 2		6.12924	0.010000	0.011395	0.001395	13.9
Standard 3		10.2340	0.040000	0.036758	-0.003242	-8.1
Standard 4		34.6423	0.200000	0.187576	-0.012424	-6.2
Standard 5		166.094	1.00000	0.999811	-0.000189	0.0
Standard 6		672.148	4.00000	4.12670	0.126701	3.2

Curve Type: Linear Equation: y = 161.8 x + 4.3

Si 250.690 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999786

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		47.1800	0.000000	0.000339	-	-
Standard 2		47.1204	0.010000	0.000291	-0.009709	-97.1
Standard 3		85.0874	0.040000	0.030553	-0.009447	-23.6
Standard 4		328.179	0.200000	0.224309	0.024309	12.2
Standard 5		1350.02	1.00000	1.03876	0.038764	3.9
Standard 6		4901.52	4.00000	3.86948	-0.130518	-3.3

Curve Type: Linear Equation: y = 1254.6 x + 46.8

Si 251.611 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999794

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		41.1639	0.000000	0.002238	-	-
Standard 2		42.8210	0.010000	0.003404	-0.006596	-66.0
Standard 3		85.7781	0.040000	0.033640	-0.006360	-15.9
Standard 4		354.111	0.200000	0.222506	0.022506	11.3
Standard 5		1490.94	1.00000	1.02266	0.022664	2.3
Standard 6		5445.58	4.00000	3.80614	-0.193863	-4.8

Curve Type: Linear Equation: y = 1420.8 x + 38.0

Si 288.158 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999848

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		770.803	0.000000	0.000864	-	-
Standard 2		758.356	0.010000	-0.000820	-0.010820	-108.2
Standard 3		965.145	0.040000	0.027153	-0.012847	-32.1
Standard 4		2408.54	0.200000	0.222405	0.022405	11.2
Standard 5		8246.73	1.00000	1.01216	0.012156	1.2
Standard 6		29077.5	4.00000	3.83000	-0.169998	-4.2

Maximum error exceeded.
Curve Type: Linear Equation: y = 7392.5 x + 764.4

Sn 189.927 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.31408	0.000000	0.000592	-	-
Standard 2		6.78655	0.010000	0.012308	0.002308	23.1
Standard 3		14.9045	0.040000	0.039697	-0.000303	-0.8
Standard 4		61.7841	0.200000	0.197863	-0.002137	-1.1
Standard 5		299.515	1.00000	0.999938	-0.000062	0.0
Standard 6		1193.49	4.00000	4.01611	0.016111	0.4

Curve Type: Linear Equation: y = 296.4 x + 3.1

Sn 283.998 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.5452	0.000000	-0.000001	-	-
Standard 2		26.5717	0.010000	0.009436	-0.000564	-5.6
Standard 3		73.0331	0.040000	0.043092	0.003092	7.7
Standard 4		285.952	0.200000	0.197327	-0.002673	-1.3
Standard 5		1386.72	1.00000	0.994710	-0.005290	-0.5
Standard 6		5456.32	4.00000	3.94267	-0.057333	-1.4

Curve Type: Linear Equation: y = 1380.5 x + 13.5

Sr 216.596 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999982

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		16.4587	0.000000	0.000415	-	-
Standard 2		58.5420	0.005000	0.005802	0.000802	16.0
Standard 3		170.802	0.020000	0.020170	0.000170	0.9
Standard 4		789.695	0.100000	0.099387	-0.000613	-0.6
Standard 5		3980.71	0.500000	0.507825	0.007825	1.6
Standard 6		15508.5	2.00000	1.98334	-0.016660	-0.8

Curve Type: Linear Equation: y = 7812.7 x + 13.2

Sr 407.771 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999978

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5382.24	0.000000	-0.000015	-	-
Standard 2		18121.9	0.005000	0.005055	0.000055	1.1
Standard 3		55667.3	0.020000	0.019998	-0.000002	0.0
Standard 4		255294	0.100000	0.099448	-0.000552	-0.6
Standard 5		1254253	0.500000	0.497023	-0.002977	-0.6
Standard 6		4870969	2.00000	1.93644	-0.063560	-3.2

Curve Type: Linear Equation: y = 2512625.8 x + 5419.9

Sr 421.552 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999990

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3249.89	0.000000	-0.000015	-	-
Standard 2		11485.5	0.005000	0.005031	0.000031	0.6
Standard 3		35866.0	0.020000	0.019967	-0.000033	-0.2
Standard 4		165178	0.100000	0.099190	-0.000810	-0.8
Standard 5		813998	0.500000	0.496691	-0.003309	-0.7
Standard 6		3188105	2.00000	1.95119	-0.048811	-2.4

Curve Type: Linear Equation: y = 1632251.3 x + 3274.1

Ti 334.941 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		99.8777	0.000000	0.000117	-	-
Standard 2		1141.81	0.005000	0.004996	-0.000004	-0.1
Standard 3		4335.64	0.020000	0.019952	-0.000048	-0.2
Standard 4		21593.8	0.100000	0.100765	0.000765	0.8
Standard 5		106812	0.500000	0.499807	-0.000193	0.0
Standard 6		428590	2.00000	2.00657	0.006566	0.3

Curve Type: Linear Equation: y = 213556.5 x + 74.8

Ti 336.122 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		53.3609	0.000000	0.000280	-	-
Standard 2		470.713	0.005000	0.004924	-0.000076	-1.5
Standard 3		1845.31	0.020000	0.020222	0.000222	1.1
Standard 4		9028.53	0.100000	0.100165	0.000165	0.2
Standard 5		45239.4	0.500000	0.503157	0.003157	0.6
Standard 6		179219	2.00000	1.99422	-0.005781	-0.3

Curve Type: Linear Equation: y = 89855.0 x + 28.2

Ti 337.280 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.42167	0.000000	0.000659	-	-
Standard 2		130.145	0.005000	0.004775	-0.000225	-4.5
Standard 3		587.000	0.020000	0.019732	-0.000268	-1.3
Standard 4		3039.86	0.100000	0.100034	0.000034	0.0
Standard 5		15295.9	0.500000	0.501275	0.001275	0.3
Standard 6		61335.3	2.00000	2.00853	0.008531	0.4

Curve Type: Linear Equation: y = 30545.2 x + -15.7

Tl 190.794 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999992

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.29248	0.000000	-0.000411	-	-
Standard 3		9.44527	0.020000	0.020330	0.000330	1.6
Standard 4		34.4249	0.100000	0.092761	-0.007239	-7.2
Standard 5		175.791	0.500000	0.502665	0.002665	0.5
Standard 6		694.505	2.00000	2.00673	0.006731	0.3

Curve Type: Linear Equation: y = 344.9 x + 2.4

Tl 190.807 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999973

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.48717	0.000000	0.009451	-	-
Standard 3		2.75231	0.020000	0.016750	-0.003250	-16.3
Standard 4		16.8434	0.100000	0.098039	-0.001961	-2.0
Standard 5		88.8883	0.500000	0.513655	0.013655	2.7
Standard 6		349.801	2.00000	2.01882	0.018823	0.9

Curve Type: Linear Equation: y = 173.3 x + -0.2

Tl 351.923 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999976

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.08650	0.000000	-0.011809	-	-
Standard 3		56.6464	0.020000	0.019385	-0.000615	-3.1
Standard 4		176.992	0.100000	0.095133	-0.004867	-4.9
Standard 5		822.737	0.500000	0.501580	0.001580	0.3
Standard 6		3179.31	2.00000	1.98486	-0.015137	-0.8

Curve Type: Linear Equation: y = 1588.8 x + 25.8

V 268.796 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999979

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		22.0433	0.000000	0.000000	-	-
Standard 2		62.3647	0.005000	0.004830	-0.000170	-3.4
Standard 3		191.902	0.020000	0.020347	0.000347	1.7
Standard 4		856.467	0.100000	0.099952	-0.000048	0.0
Standard 5		4255.23	0.500000	0.507074	0.007074	1.4
Standard 6		16535.4	2.00000	1.97806	-0.021940	-1.1

Curve Type: Linear Equation: y = 8348.3 x + 22.0

V 292.401 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		46.4376	0.000000	0.000055	-	-
Standard 2		192.290	0.005000	0.004951	-0.000049	-1.0
Standard 3		628.909	0.020000	0.019608	-0.000392	-2.0
Standard 4		3015.73	0.100000	0.099730	-0.000270	-0.3
Standard 5		15094.4	0.500000	0.505193	0.005193	1.0
Standard 6		59568.8	2.00000	1.99813	-0.001867	-0.1

Curve Type: Linear Equation: y = 29789.8 x + 44.8

V 311.837 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.0863	0.000000	0.000510	-	-
Standard 2		178.547	0.005000	0.004645	-0.000355	-7.1
Standard 3		765.231	0.020000	0.019047	-0.000953	-4.8
Standard 4		4003.86	0.100000	0.098547	-0.001453	-1.5
Standard 5		20978.4	0.500000	0.515230	0.015230	3.0
Standard 6		83080.5	2.00000	2.03968	0.039681	2.0

Curve Type: Linear Equation: y = 40737.4 x + -10.7

Zn 202.548 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999745

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		613.365	0.000000	0.000016	-	-
Standard 2		642.229	0.005000	0.003342	-0.001658	-33.2
Standard 3		775.778	0.020000	0.018733	-0.001267	-6.3
Standard 4		1455.44	0.100000	0.097063	-0.002937	-2.9
Standard 5		5209.16	0.500000	0.529670	0.029670	5.9
Standard 6		17535.8	2.00000	1.95029	-0.049709	-2.5

Curve Type: Linear Equation: y = 8677.0 x + 613.2

Zn 206.200 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999759

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		200.921	0.000000	0.000918	-	-
Standard 2		213.682	0.005000	0.005341	0.000341	6.8
Standard 3		251.612	0.020000	0.018489	-0.001511	-7.6
Standard 4		476.242	0.100000	0.096354	-0.003646	-3.6
Standard 5		1705.60	0.500000	0.522497	0.022497	4.5
Standard 6		5753.96	2.00000	1.92581	-0.074191	-3.7

Curve Type: Linear Equation: y = 2884.9 x + 198.3

Zn 213.857 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999846

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1157.53	0.000000	0.000078	-	-
Standard 2		1212.99	0.005000	0.003432	-0.001568	-31.4
Standard 3		1464.57	0.020000	0.018648	-0.001352	-6.8
Standard 4		2778.50	0.100000	0.098115	-0.001885	-1.9
Standard 5		9805.91	0.500000	0.523139	0.023139	4.6
Standard 6		33582.5	2.00000	1.96117	-0.038834	-1.9

Curve Type: Linear Equation: y = 16534.2 x + 1156.2

SEQ-ICV1 (Samp) 4/27/2011, 12:05:16 PM Rack 1, Tube 1
M_200.7_T_WW ICV
Weight: 1 Volume: 1 Dilution: 1

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.518664	mg/L	0.000398	0.1	25385.2	0.518664 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.003409	0.7	1456.87	uncal mg/L	Y 371.029
Al 237.312	4.95772	mg/L	0.010421	0.2	6141.14	4.95772 mg/L	Y 371.029
Al 257.509	4.99421	mg/L	0.010854	0.2	2861.95	4.99421 mg/L	Y 371.029
Al 308.215	5.02654	mg/L	0.007856	0.2	31090.4	5.02654 mg/L	Y 371.029
As 188.980	1.02329	mg/L	0.004547	0.4	349.481	1.02329 mg/L	Y 371.029
As 193.696	1.02558	mg/L	0.004288	0.4	423.077	1.02558 mg/L	Y 371.029
As 228.812	1.71078	mg/L	0.054373	3.2	3066.87	1.71078 mg/L	Y 371.029
B 182.577	1.02464	mg/L	0.011149	1.1	432.422	1.02464 mg/L	Y 371.029
B 249.678	1.02062	mg/L	0.017896	1.8	8685.64	1.02062 mg/L	Y 371.029
B 249.772	1.02193	mg/L	0.015440	1.5	16770.5	1.02193 mg/L	Y 371.029
Ba 233.527	1.00785	mg/L	0.001523	0.2	38832.9	1.00785 mg/L	Y 371.029
Ba 455.403	0.975176	mg/L	0.002682	0.3	856852	0.975176 mg/L	Y 371.029
Ba 493.408	0.998111	mg/L	0.001117	0.1	537253	0.998111 mg/L	Y 371.029
Be 234.861	0.982713	mg/L	0.004358	0.4	114117	0.982713 mg/L	Y 371.029
Be 313.042	0.988292	mg/L	0.002418	0.2	1669033	0.988292 mg/L	Y 371.029
Be 313.107	0.994363	mg/L	0.002978	0.3	827338	0.994363 mg/L	Y 371.029
Ca 393.366	8.86317n	mg/L	0.002436	0.0	10420979	8.86317 mg/L	Y 371.029
Ca 396.847	8.93450	mg/L	0.012803	0.1	17717118	8.93450 mg/L	Y 371.029
Ca 430.253	9.60134	mg/L	0.021525	0.2	42055.3	9.60134 mg/L	Y 371.029
Cd 214.439	0.999549	mg/L	0.005112	0.5	18485.1	0.999549 mg/L	Y 371.029
Cd 226.502	0.995286	mg/L	0.000632	0.1	36150.7	0.995286 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 228.802	0.986806	mg/L	0.001574	0.2	13543.8	0.986806 mg/L	Y 371.029
Co 228.615	1.00995	mg/L	0.002128	0.2	8647.73	1.00995 mg/L	Y 371.029
Co 230.786	1.00720	mg/L	0.003121	0.3	6063.65	1.00720 mg/L	Y 371.029
Co 238.892	0.967061	mg/L	0.002689	0.3	5421.89	0.967061 mg/L	Y 371.029
Cr 205.560	0.969303	mg/L	0.003969	0.4	3938.68	0.969303 mg/L	Y 371.029
Cr 206.158	0.995848	mg/L	0.003202	0.3	1628.27	0.995848 mg/L	Y 371.029
Cr 267.716	0.976564	mg/L	0.001003	0.1	21128.9	0.976564 mg/L	Y 371.029
Cu 213.598	0.982164	mg/L	0.004314	0.4	3840.00	0.982164 mg/L	Y 371.029
Cu 324.754	0.982175	mg/L	0.001437	0.1	31603.4	0.982175 mg/L	Y 371.029
Cu 327.395	0.988583	mg/L	0.000751	0.1	42185.4	0.988583 mg/L	Y 371.029
Fe 234.350	5.17341	mg/L	0.019740	0.4	44955.4	5.17341 mg/L	Y 371.029
Fe 238.204	5.13424	mg/L	0.064793	1.3	91780.5	5.13424 mg/L	Y 371.029
Fe 259.940	5.12027	mg/L	0.026539	0.5	75472.9	5.12027 mg/L	Y 371.029
Ga 287.423	0.985609	mg/L	0.006546	0.7	2298.46	0.985609 mg/L	Y 371.029
Ga 294.363	0.984872	mg/L	0.002513	0.3	5888.66	0.984872 mg/L	Y 371.029
Ga 417.204	0.993138	mg/L	0.003981	0.4	9002.17	0.993138 mg/L	Y 371.029
K 766.491	9.84043	mg/L	0.026163	0.3	676776	9.84043 mg/L	Y 371.029
K 769.897	9.95396	mg/L	0.016555	0.2	576473	9.95396 mg/L	Y 371.029
Li 610.365	0.975446	mg/L	0.001342	0.1	48236.0	0.975446 mg/L	Y 371.029
Li 670.783	1.03731	mg/L	0.001592	0.2	3640368	1.03731 mg/L	Y 371.029
Mg 279.078	9.95025	mg/L	0.009597	0.1	16024.1	9.95025 mg/L	Y 371.029
Mg 280.270	9.74325	mg/L	0.027136	0.3	962771	9.74325 mg/L	Y 371.029
Mg 285.213	10.3812	mg/L	0.052336	0.5	367675	10.3812 mg/L	Y 371.029
Mn 257.610	0.970103	mg/L	0.014692	1.5	141829	0.970103 mg/L	Y 371.029
Mn 259.372	0.968341	mg/L	0.018491	1.9	105905	0.968341 mg/L	Y 371.029
Mn 260.568	0.978536	mg/L	0.004720	0.5	18107.4	0.978536 mg/L	Y 371.029
Mo 202.032	1.06135	mg/L	0.016010	1.5	3641.42	1.06135 mg/L	Y 371.029
Mo 203.846	1.03182	mg/L	0.017247	1.7	1540.04	1.03182 mg/L	Y 371.029
Mo 204.598	1.06471	mg/L	0.022449	2.1	1814.71	1.06471 mg/L	Y 371.029
Na 568.821	9.36442	mg/L	0.124913	1.3	2555.75	9.36442 mg/L	Y 371.029
Na 588.995	10.1144	mg/L	0.027444	0.3	6004188	10.1144 mg/L	Y 371.029
Na 589.592	10.3951	mg/L	0.066652	0.6	3232587	10.3951 mg/L	Y 371.029
Ni 216.555	0.991160	mg/L	0.001632	0.2	5029.59	0.991160 mg/L	Y 371.029
Ni 221.648	0.983449	mg/L	0.000537	0.1	1980.76	0.983449 mg/L	Y 371.029
Ni 231.604	0.997629	mg/L	0.006350	0.6	3363.65	0.997629 mg/L	Y 371.029
P 177.434	1.00247	mg/L	0.010638	1.1	151.926	1.00247 mg/L	Y 371.029
P 213.618	0.986624	mg/L	0.004167	0.4	668.461	0.986624 mg/L	Y 371.029
P 214.914	1.04662	mg/L	0.011407	1.1	190.023	1.04662 mg/L	Y 371.029
Pb 220.353	0.998945	mg/L	0.002743	0.3	1090.33	0.998945 mg/L	Y 371.029
Pb 261.417	0.743337	mg/L	0.004327	0.6	383.054	0.743337 mg/L	Y 371.029
Pb 405.781	0.977596	mg/L	0.009096	0.9	1299.12	0.977596 mg/L	Y 371.029
Sb 206.834	1.03615	mg/L	0.007180	0.7	590.259	1.03615 mg/L	Y 371.029
Sb 231.146	1.11417	mg/L	0.010453	0.9	468.733	1.11417 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.014842	1.6	302.428	uncal mg/L	Y 371.029
Se 196.026	1.01387	mg/L	0.026797	2.6	299.880	1.01387 mg/L	Y 371.029
Se 203.985	1.01392	mg/L	0.029639	2.9	184.885	1.01392 mg/L	Y 371.029
Si 250.690	0.992901	mg/L	0.005195	0.5	1310.18	0.992901 mg/L	Y 371.029
Si 251.611	0.963833	mg/L	0.005904	0.6	1447.13	0.963833 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002200	0.2	7943.95	uncal mg/L	Y 371.029
Sn 189.927	0.995984	mg/L	0.004070	0.4	298.549	0.995984 mg/L	Y 371.029
Sn 283.998	0.971845	mg/L	0.002315	0.2	2361.64	0.971845 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 216.596	1.03625	mg/L	0.007338	0.7	8121.66	1.03625 mg/L	Y 371.029
Sr 407.771	0.996532	mg/L	0.005487	0.6	2509994	0.996532 mg/L	Y 371.029
Sr 421.552	0.999650	mg/L	0.004114	0.4	1635431	0.999650 mg/L	Y 371.029
Ti 334.941	0.991719	mg/L	0.000695	0.1	212192	0.991719 mg/L	Y 371.029
Ti 336.122	0.985568	mg/L	0.001235	0.1	88711.0	0.985568 mg/L	Y 371.029
Ti 337.280	1.00125	mg/L	0.001703	0.2	30610.3	1.00125 mg/L	Y 371.029
Tl 190.794	0.989626	mg/L	0.008728	0.9	345.387	0.989626 mg/L	Y 371.029
Tl 190.807	1.01499	mg/L	0.004197	0.4	176.615	1.01499 mg/L	Y 371.029
Tl 351.923	0.970656	mg/L	0.007797	0.8	1569.52	0.970656 mg/L	Y 371.029
V 268.796	0.965250	mg/L	0.002119	0.2	9202.65	0.965250 mg/L	Y 371.029
V 292.401	0.991509	mg/L	0.001165	0.1	29657.7	0.991509 mg/L	Y 371.029
V 311.837	0.997464	mg/L	0.001365	0.1	40713.9	0.997464 mg/L	Y 371.029
Zn 202.548	0.992519	mg/L	0.002179	0.2	9357.37	0.992519 mg/L	Y 371.029
Zn 206.200	0.975719	mg/L	0.001473	0.2	3027.51	0.975719 mg/L	Y 371.029
Zn 213.857	0.988778	mg/L	0.003790	0.4	17716.9	0.988778 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00331	8045.30	50.713	0.6
Y 371.029	0.842069	138863	861.369	0.6

SEQ-ICV2 (Samp) **4/27/2011, 12:11:15 PM** **Rack 1, Tube 2**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.527963	mg/L	0.001911	0.4	25831.8	0.527963 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001478	0.3	1488.25	uncal mg/L	Y 371.029
Al 237.312	5.04202	mg/L	0.023152	0.5	6244.73	5.04202 mg/L	Y 371.029
Al 257.509	5.06848	mg/L	0.020831	0.4	2904.25	5.06848 mg/L	Y 371.029
Al 308.215	5.12108	mg/L	0.010483	0.2	31651.1	5.12108 mg/L	Y 371.029
As 188.980	1.03529	mg/L	0.006779	0.7	353.514	1.03529 mg/L	Y 371.029
As 193.696	1.03525	mg/L	0.007090	0.7	427.051	1.03525 mg/L	Y 371.029
As 228.812	1.70279	mg/L	0.029210	1.7	3085.37	1.70279 mg/L	Y 371.029
B 182.577	1.02685	mg/L	0.019061	1.9	433.355	1.02685 mg/L	Y 371.029
B 249.678	1.00418	mg/L	0.017995	1.8	8546.98	1.00418 mg/L	Y 371.029
B 249.772	1.00336	mg/L	0.019896	2.0	16470.0	1.00336 mg/L	Y 371.029
Ba 233.527	1.02396	mg/L	0.004913	0.5	39450.8	1.02396 mg/L	Y 371.029
Ba 455.403	0.991982	mg/L	0.002359	0.2	871550	0.991982 mg/L	Y 371.029
Ba 493.408	1.01555	mg/L	0.001565	0.2	546599	1.01555 mg/L	Y 371.029
Be 234.861	1.00585	mg/L	0.001447	0.1	116805	1.00585 mg/L	Y 371.029
Be 313.042	1.00928	mg/L	0.003139	0.3	1704478	1.00928 mg/L	Y 371.029
Be 313.107	1.01607	mg/L	0.003629	0.4	845396	1.01607 mg/L	Y 371.029
Ca 393.366	9.02745n	mg/L	0.022664	0.3	10613788	9.02745 mg/L	Y 371.029
Ca 396.847	9.10043	mg/L	0.027378	0.3	18045618	9.10043 mg/L	Y 371.029
Ca 430.253	9.78058	mg/L	0.017506	0.2	42818.1	9.78058 mg/L	Y 371.029
Cd 214.439	1.00368	mg/L	0.006443	0.6	18561.4	1.00368 mg/L	Y 371.029
Cd 226.502	1.01022	mg/L	0.001041	0.1	36692.9	1.01022 mg/L	Y 371.029
Cd 228.802	1.00289	mg/L	0.008704	0.9	13764.2	1.00289 mg/L	Y 371.029
Co 228.615	1.02916	mg/L	0.006272	0.6	8812.23	1.02916 mg/L	Y 371.029
Co 230.786	1.02618	mg/L	0.010251	1.0	6177.82	1.02618 mg/L	Y 371.029
Co 238.892	0.988242	mg/L	0.007245	0.7	5540.53	0.988242 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 205.560	0.993065	mg/L	0.010641	1.1	4035.03	0.993065 mg/L	Y 371.029
Cr 206.158	1.00210	mg/L	0.004742	0.5	1638.54	1.00210 mg/L	Y 371.029
Cr 267.716	0.994632	mg/L	0.000853	0.1	21519.3	0.994632 mg/L	Y 371.029
Cu 213.598	1.00133	mg/L	0.006017	0.6	3914.83	1.00133 mg/L	Y 371.029
Cu 324.754	0.998922	mg/L	0.002909	0.3	32136.5	0.998922 mg/L	Y 371.029
Cu 327.395	1.00921	mg/L	0.004059	0.4	43065.4	1.00921 mg/L	Y 371.029
Fe 234.350	5.28347	mg/L	0.031871	0.6	45909.9	5.28347 mg/L	Y 371.029
Fe 238.204	5.23337	mg/L	0.021760	0.4	93550.1	5.23337 mg/L	Y 371.029
Fe 259.940	5.21268	mg/L	0.003825	0.1	76833.2	5.21268 mg/L	Y 371.029
Ga 287.423	1.00035	mg/L	0.002757	0.3	2333.26	1.00035 mg/L	Y 371.029
Ga 294.363	1.00168	mg/L	0.000289	0.0	5989.04	1.00168 mg/L	Y 371.029
Ga 417.204	1.01149	mg/L	0.001532	0.2	9166.62	1.01149 mg/L	Y 371.029
K 766.491	9.95948	mg/L	0.030095	0.3	684941	9.95948 mg/L	Y 371.029
K 769.897	10.1162	mg/L	0.021485	0.2	585665	10.1162 mg/L	Y 371.029
Li 610.365	0.996383	mg/L	0.002755	0.3	49283.5	0.996383 mg/L	Y 371.029
Li 670.783	1.05538	mg/L	0.001096	0.1	3702635	1.05538 mg/L	Y 371.029
Mg 279.078	10.1291	mg/L	0.026318	0.3	16311.9	10.1291 mg/L	Y 371.029
Mg 280.270	9.87803	mg/L	0.010723	0.1	976085	9.87803 mg/L	Y 371.029
Mg 285.213	10.5078	mg/L	0.061540	0.6	372157	10.5078 mg/L	Y 371.029
Mn 257.610	0.992226	mg/L	0.008969	0.9	145053	0.992226 mg/L	Y 371.029
Mn 259.372	0.991358	mg/L	0.008397	0.8	108408	0.991358 mg/L	Y 371.029
Mn 260.568	0.999718	mg/L	0.006544	0.7	18498.7	0.999718 mg/L	Y 371.029
Mo 202.032	1.07312	mg/L	0.010881	1.0	3681.79	1.07312 mg/L	Y 371.029
Mo 203.846	1.04077	mg/L	0.015022	1.4	1553.53	1.04077 mg/L	Y 371.029
Mo 204.598	1.07295	mg/L	0.020870	1.9	1828.91	1.07295 mg/L	Y 371.029
Na 568.821	9.58023	mg/L	0.159308	1.7	2612.16	9.58023 mg/L	Y 371.029
Na 588.995	10.3001	mg/L	0.025685	0.2	6108490	10.3001 mg/L	Y 371.029
Na 589.592	10.5606	mg/L	0.012043	0.1	3282563	10.5606 mg/L	Y 371.029
Ni 216.555	1.00757	mg/L	0.001891	0.2	5113.00	1.00757 mg/L	Y 371.029
Ni 221.648	1.00192	mg/L	0.003759	0.4	2017.93	1.00192 mg/L	Y 371.029
Ni 231.604	1.01310	mg/L	0.007228	0.7	3415.82	1.01310 mg/L	Y 371.029
P 177.434	1.02510	mg/L	0.004904	0.5	155.291	1.02510 mg/L	Y 371.029
P 213.618	1.00797	mg/L	0.003187	0.3	682.812	1.00797 mg/L	Y 371.029
P 214.914	1.04969	mg/L	0.020120	1.9	190.718	1.04969 mg/L	Y 371.029
Pb 220.353	1.01270	mg/L	0.001734	0.2	1105.28	1.01270 mg/L	Y 371.029
Pb 261.417	0.765720	mg/L	0.012657	1.7	394.158	0.765720 mg/L	Y 371.029
Pb 405.781	1.00173	mg/L	0.001381	0.1	1329.68	1.00173 mg/L	Y 371.029
Sb 206.834	1.03829	mg/L	0.011799	1.1	591.523	1.03829 mg/L	Y 371.029
Sb 231.146	1.12282	mg/L	0.026661	2.4	472.358	1.12282 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.027884	3.0	293.283	uncal mg/L	Y 371.029
Se 196.026	1.01319	mg/L	0.023191	2.3	299.691	1.01319 mg/L	Y 371.029
Se 203.985	1.02548	mg/L	0.032410	3.2	186.852	1.02548 mg/L	Y 371.029
Si 250.690	1.00705	mg/L	0.001705	0.2	1328.21	1.00705 mg/L	Y 371.029
Si 251.611	0.980398	mg/L	0.001331	0.1	1471.23	0.980398 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.008922	0.9	8080.03	uncal mg/L	Y 371.029
Sn 189.927	1.00778	mg/L	0.004388	0.4	302.047	1.00778 mg/L	Y 371.029
Sn 283.998	0.995920	mg/L	0.007615	0.8	2401.33	0.995920 mg/L	Y 371.029
Sr 216.596	1.05215	mg/L	0.009600	0.9	8246.18	1.05215 mg/L	Y 371.029
Sr 407.771	1.01230	mg/L	0.003873	0.4	2549616	1.01230 mg/L	Y 371.029
Sr 421.552	1.01590	mg/L	0.001588	0.2	1661965	1.01590 mg/L	Y 371.029
Ti 334.941	1.00965	mg/L	0.005646	0.6	216026	1.00965 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ti 336.122	1.00390	mg/L	0.005720	0.6	90360.7	1.00390 mg/L	Y 371.029
Ti 337.280	1.01997	mg/L	0.000246	0.0	31183.0	1.01997 mg/L	Y 371.029
Tl 190.794	1.01473	mg/L	0.003300	0.3	354.074	1.01473 mg/L	Y 371.029
Tl 190.807	1.03309	mg/L	0.012079	1.2	179.751	1.03309 mg/L	Y 371.029
Tl 351.923	0.988843	mg/L	0.006121	0.6	1598.46	0.988843 mg/L	Y 371.029
V 268.796	0.983090	mg/L	0.001108	0.1	9361.69	0.983090 mg/L	Y 371.029
V 292.401	1.00954	mg/L	0.000496	0.0	30196.3	1.00954 mg/L	Y 371.029
V 311.837	1.01511	mg/L	0.000886	0.1	41434.2	1.01511 mg/L	Y 371.029
Zn 202.548	0.998526	mg/L	0.010982	1.1	9412.02	0.998526 mg/L	Y 371.029
Zn 206.200	0.990541	mg/L	0.005849	0.6	3070.55	0.990541 mg/L	Y 371.029
Zn 213.857	0.994000	mg/L	0.007744	0.8	17807.3	0.994000 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.988115	7923.48	64.491	0.8
Y 371.029	0.832229	137240	974.580	0.7

SEQ-ICB1 (Samp) **4/27/2011, 12:15:30 PM** **Rack 1, Tube 3**
M_200.7_T_WW **ICB**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000272uv	mg/L	0.000186	68.3	461.736	-0.000272 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000678	38.3	0.878985	uncal mg/L	Y 371.029
Al 237.312	0.010931	mg/L	0.006402	58.6	61.6884	0.010931 mg/L	Y 371.029
Al 257.509	0.011831uv	mg/L	0.010632	89.9	25.4688	0.011831 mg/L	Y 371.029
Al 308.215	-0.005053uv	mg/L	0.001228	24.3	1223.92	-0.005053 mg/L	Y 371.029
As 188.980	0.008477	mg/L	0.000588	6.9	7.84508	0.008477 mg/L	Y 371.029
As 193.696	0.013069	mg/L	0.003199	24.5	6.98749	0.013069 mg/L	Y 371.029
As 228.812	0.003751	mg/L	0.002130	56.8	14.5306	0.003751 mg/L	Y 371.029
B 182.577	0.023396	mg/L	0.004182	17.9	13.8296	0.023396 mg/L	Y 371.029
B 249.678	0.023329	mg/L	0.003992	17.1	238.968	0.023329 mg/L	Y 371.029
B 249.772	0.024555	mg/L	0.004240	17.3	464.754	0.024555 mg/L	Y 371.029
Ba 233.527	0.000959	mg/L	0.000039	4.0	211.542	0.000959 mg/L	Y 371.029
Ba 455.403	0.000771	mg/L	0.000005	0.7	4683.41	0.000771 mg/L	Y 371.029
Ba 493.408	0.000831	mg/L	0.000066	7.9	2920.09	0.000831 mg/L	Y 371.029
Be 234.861	0.000026	mg/L	0.000004	15.4	-0.785894	0.000026 mg/L	Y 371.029
Be 313.042	0.000018	mg/L	0.000008	43.8	357.966	0.000018 mg/L	Y 371.029
Be 313.107	0.000016	mg/L	0.000014	82.9	89.0882	0.000016 mg/L	Y 371.029
Ca 393.366	-0.000750nuv	mg/L	0.000080	10.7	17577.6	-0.000750 mg/L	Y 371.029
Ca 396.847	-0.000582uv	mg/L	0.000100	17.1	28014.2	-0.000582 mg/L	Y 371.029
Ca 430.253	-0.042592uv	mg/L	0.007214	16.9	1018.91	-0.042592 mg/L	Y 371.029
Cd 214.439	0.000134	mg/L	0.000063	47.1	2.82539	0.000134 mg/L	Y 371.029
Cd 226.502	0.000000uv	mg/L	0.000093	102776.9	22.3833	0.000000 mg/L	Y 371.029
Cd 228.802	0.000054uv	mg/L	0.000503	931.8	18.0034	0.000054 mg/L	Y 371.029
Co 228.615	0.001863	mg/L	0.000350	18.8	13.5687	0.001863 mg/L	Y 371.029
Co 230.786	-0.000118uv	mg/L	0.000394	334.7	5.29615	-0.000118 mg/L	Y 371.029
Co 238.892	0.000277	mg/L	0.000304	109.7	5.60268	0.000277 mg/L	Y 371.029
Cr 205.560	-0.000010uv	mg/L	0.000407	4271.9	5.21481	-0.000010 mg/L	Y 371.029
Cr 206.158	0.001030	mg/L	0.000589	57.2	3.20057	0.001030 mg/L	Y 371.029
Cr 267.716	0.000002uv	mg/L	0.000211	11887.2	26.3742	0.000002 mg/L	Y 371.029
Cu 213.598	-0.000147uv	mg/L	0.000207	140.6	1.13112	-0.000147 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cu 324.754	-0.000181uv	mg/L	0.000147	81.3	339.774	-0.000181 mg/L	Y 371.029
Cu 327.395	0.000449uv	mg/L	0.000866	193.1	37.5148	0.000449 mg/L	Y 371.029
Fe 234.350	0.001236	mg/L	0.000620	50.1	24.7720	0.001236 mg/L	Y 371.029
Fe 238.204	0.001151	mg/L	0.000709	61.6	62.8248	0.001151 mg/L	Y 371.029
Fe 259.940	0.000987	mg/L	0.000474	48.1	70.1199	0.000987 mg/L	Y 371.029
Ga 287.423	-0.000839uv	mg/L	0.004207	501.5	15.2727	-0.000839 mg/L	Y 371.029
Ga 294.363	0.002946	mg/L	0.000282	9.6	21.8683	0.002946 mg/L	Y 371.029
Ga 417.204	-0.001423uv	mg/L	0.001511	106.2	99.5194	-0.001423 mg/L	Y 371.029
K 766.491	-0.000547uv	mg/L	0.000229	42.0	1990.40	-0.000547 mg/L	Y 371.029
K 769.897	0.000895	mg/L	0.000768	85.8	12488.5	0.000895 mg/L	Y 371.029
Li 610.365	0.011042	mg/L	0.000139	1.3	-18.0625	0.011042 mg/L	Y 371.029
Li 670.783	-0.001885uv	mg/L	0.000025	1.3	60545.6	-0.001885 mg/L	Y 371.029
Mg 279.078	-0.002512uv	mg/L	0.001308	52.1	9.62561	-0.002512 mg/L	Y 371.029
Mg 280.270	0.000452	mg/L	0.000067	14.9	345.640	0.000452 mg/L	Y 371.029
Mg 285.213	0.001146	mg/L	0.000184	16.1	101.509	0.001146 mg/L	Y 371.029
Mn 257.610	-0.000017uv	mg/L	0.000047	272.2	13.1354	-0.000017 mg/L	Y 371.029
Mn 259.372	0.000042	mg/L	0.000086	203.8	69.3990	0.000042 mg/L	Y 371.029
Mn 260.568	0.000086	mg/L	0.000076	88.4	8.98259	0.000086 mg/L	Y 371.029
Mo 202.032	0.027210	mg/L	0.004144	15.2	113.387	0.027210 mg/L	Y 371.029
Mo 203.846	0.029270	mg/L	0.004089	14.0	45.3074	0.029270 mg/L	Y 371.029
Mo 204.598	0.027500	mg/L	0.003550	12.9	49.1030	0.027500 mg/L	Y 371.029
Na 568.821	0.562825	mg/L	0.095030	16.9	244.959	0.562825 mg/L	Y 371.029
Na 588.995	-0.213170uv	mg/L	0.003235	1.5	204853	-0.213170 mg/L	Y 371.029
Na 589.592	-0.052733uv	mg/L	0.003067	5.8	79000.2	-0.052733 mg/L	Y 371.029
Ni 216.555	0.001174	mg/L	0.000357	30.4	6.30052	0.001174 mg/L	Y 371.029
Ni 221.648	0.000669uv	mg/L	0.000829	124.1	3.52862	0.000669 mg/L	Y 371.029
Ni 231.604	-0.000203uv	mg/L	0.000440	217.2	4.85891	-0.000203 mg/L	Y 371.029
P 177.434	-0.002535uv	mg/L	0.004636	182.9	2.38493	-0.002535 mg/L	Y 371.029
P 213.618	0.002818	mg/L	0.001980	70.3	4.54214	0.002818 mg/L	Y 371.029
P 214.914	-0.007156uv	mg/L	0.004670	65.3	1.58337	-0.007156 mg/L	Y 371.029
Pb 220.353	0.000237uv	mg/L	0.002107	890.7	4.84637	0.000237 mg/L	Y 371.029
Pb 261.417	0.007234	mg/L	0.003406	47.1	19.0375	0.007234 mg/L	Y 371.029
Pb 405.781	0.008227	mg/L	0.007922	96.3	67.8707	0.008227 mg/L	Y 371.029
Sb 206.834	0.036141	mg/L	0.007549	20.9	29.6966	0.036141 mg/L	Y 371.029
Sb 231.146	0.034541	mg/L	0.002738	7.9	21.3292	0.034541 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.010380	71.0	21.6883	uncal mg/L	Y 371.029
Se 196.026	0.004860	mg/L	0.004871	100.2	4.83946	0.004860 mg/L	Y 371.029
Se 203.985	0.004077uv	mg/L	0.011824	290.0	4.94221	0.004077 mg/L	Y 371.029
Si 250.690	0.015473	mg/L	0.005761	37.2	66.1966	0.015473 mg/L	Y 371.029
Si 251.611	0.020403	mg/L	0.000867	4.3	67.4363	0.020403 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001900	14.1	863.667	uncal mg/L	Y 371.029
Sn 189.927	-0.001274uv	mg/L	0.001437	112.8	2.76192	-0.001274 mg/L	Y 371.029
Sn 283.998	0.006620	mg/L	0.002696	40.7	23.4073	0.006620 mg/L	Y 371.029
Sr 216.596	0.000908	mg/L	0.000370	40.8	20.3163	0.000908 mg/L	Y 371.029
Sr 407.771	0.000001uv	mg/L	0.000007	629.7	5424.32	0.000001 mg/L	Y 371.029
Sr 421.552	-0.000006uv	mg/L	0.000006	91.5	3264.65	-0.000006 mg/L	Y 371.029
Ti 334.941	0.001878	mg/L	0.000634	33.8	476.777	0.001878 mg/L	Y 371.029
Ti 336.122	0.001840	mg/L	0.000546	29.7	194.023	0.001840 mg/L	Y 371.029
Ti 337.280	0.002140	mg/L	0.000439	20.5	49.8337	0.002140 mg/L	Y 371.029
Tl 190.794	-0.000205uv	mg/L	0.001383	674.5	2.36450	-0.000205 mg/L	Y 371.029
Tl 190.807	0.002526uv	mg/L	0.002816	111.5	0.335595	0.002526 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 351.923	-0.004212uv	mg/L	0.002360	56.0	19.1349	-0.004212 mg/L	Y 371.029
V 268.796	0.000832	mg/L	0.000329	39.5	57.2677	0.000832 mg/L	Y 371.029
V 292.401	-0.000436uv	mg/L	0.000160	36.8	31.8543	-0.000436 mg/L	Y 371.029
V 311.837	0.000618	mg/L	0.000150	24.3	14.5908	0.000618 mg/L	Y 371.029
Zn 202.548	0.006366	mg/L	0.000308	4.8	668.855	0.006366 mg/L	Y 371.029
Zn 206.200	0.005800	mg/L	0.000417	7.2	215.148	0.005800 mg/L	Y 371.029
Zn 213.857	0.005817	mg/L	0.000089	1.5	1253.17	0.005817 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.985120	7899.46	28.467	0.4
Y 371.029	0.830760	136998	407.030	0.3

SEQ-LCV1 (Samp) **4/27/2011, 12:18:28 PM** **Rack 1, Tube 4**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.003744	mg/L	0.000343	9.2	654.646	0.003744 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002950	80.4	6.01964	uncal mg/L	Y 371.029
Al 237.312	0.107907	mg/L	0.007871	7.3	180.922	0.107907 mg/L	Y 371.029
Al 257.509	0.100648	mg/L	0.005870	5.8	76.0214	0.100648 mg/L	Y 371.029
Al 308.215	0.091876	mg/L	0.002338	2.5	1799.51	0.091876 mg/L	Y 371.029
As 188.980	0.025670	mg/L	0.003001	11.7	13.6301	0.025670 mg/L	Y 371.029
As 193.696	0.026192	mg/L	0.000885	3.4	12.3773	0.026192 mg/L	Y 371.029
As 228.812	0.030869	mg/L	0.008629	28.0	53.9452	0.030869 mg/L	Y 371.029
B 182.577	0.025615	mg/L	0.000402	1.6	14.7671	0.025615 mg/L	Y 371.029
B 249.678	0.028092	mg/L	0.000595	2.1	279.521	0.028092 mg/L	Y 371.029
B 249.772	0.029130	mg/L	0.000688	2.4	539.625	0.029130 mg/L	Y 371.029
Ba 233.527	0.020170	mg/L	0.000092	0.5	948.376	0.020170 mg/L	Y 371.029
Ba 455.403	0.020134	mg/L	0.000021	0.1	21617.5	0.020134 mg/L	Y 371.029
Ba 493.408	0.019812	mg/L	0.000021	0.1	13090.0	0.019812 mg/L	Y 371.029
Be 234.861	0.019871	mg/L	0.000042	0.2	2304.29	0.019871 mg/L	Y 371.029
Be 313.042	0.019974	mg/L	0.000033	0.2	34054.7	0.019974 mg/L	Y 371.029
Be 313.107	0.020023	mg/L	0.000053	0.3	16733.8	0.020023 mg/L	Y 371.029
Ca 393.366	0.208624n	mg/L	0.000267	0.1	263276	0.208624 mg/L	Y 371.029
Ca 396.847	0.199972	mg/L	0.000144	0.1	425016	0.199972 mg/L	Y 371.029
Ca 430.253	0.207607	mg/L	0.002047	1.0	2082.33	0.207607 mg/L	Y 371.029
Cd 214.439	0.009881	mg/L	0.000111	1.1	183.061	0.009881 mg/L	Y 371.029
Cd 226.502	0.010104	mg/L	0.000247	2.4	389.137	0.010104 mg/L	Y 371.029
Cd 228.802	0.010023	mg/L	0.000257	2.6	154.668	0.010023 mg/L	Y 371.029
Co 228.615	0.020824	mg/L	0.000379	1.8	175.850	0.020824 mg/L	Y 371.029
Co 230.786	0.020303	mg/L	0.000172	0.8	128.088	0.020303 mg/L	Y 371.029
Co 238.892	0.019968	mg/L	0.000433	2.2	116.547	0.019968 mg/L	Y 371.029
Cr 205.560	0.019109	mg/L	0.000119	0.6	82.7378	0.019109 mg/L	Y 371.029
Cr 206.158	0.020832	mg/L	0.000449	2.2	35.5145	0.020832 mg/L	Y 371.029
Cr 267.716	0.019758	mg/L	0.000232	1.2	452.980	0.019758 mg/L	Y 371.029
Cu 213.598	0.018884	mg/L	0.000748	4.0	75.3914	0.018884 mg/L	Y 371.029
Cu 324.754	0.019649	mg/L	0.000232	1.2	970.484	0.019649 mg/L	Y 371.029
Cu 327.395	0.019941	mg/L	0.000189	0.9	868.139	0.019941 mg/L	Y 371.029
Fe 234.350	0.020030	mg/L	0.000582	2.9	196.416	0.020030 mg/L	Y 371.029
Fe 238.204	0.019666	mg/L	0.000466	2.4	403.450	0.019666 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 259.940	0.020002	mg/L	0.000088	0.4	357.106	0.020002 mg/L	Y 371.029
Ga 287.423	0.019362	mg/L	0.001011	5.2	60.4785	0.019362 mg/L	Y 371.029
Ga 294.363	0.021308	mg/L	0.000452	2.1	131.531	0.021308 mg/L	Y 371.029
Ga 417.204	0.018364	mg/L	0.001779	9.7	275.718	0.018364 mg/L	Y 371.029
K 766.491	0.199754	mg/L	0.000277	0.1	15724.7	0.199754 mg/L	Y 371.029
K 769.897	0.192428	mg/L	0.001089	0.6	23343.0	0.192428 mg/L	Y 371.029
Li 610.365	0.026890	mg/L	0.000358	1.3	774.896	0.026890 mg/L	Y 371.029
Li 670.783	0.042206	mg/L	0.000017	0.0	212346	0.042206 mg/L	Y 371.029
Mg 279.078	0.199426	mg/L	0.002114	1.1	334.499	0.199426 mg/L	Y 371.029
Mg 280.270	0.202847	mg/L	0.000620	0.3	20338.3	0.202847 mg/L	Y 371.029
Mg 285.213	0.196421	mg/L	0.001082	0.6	7016.45	0.196421 mg/L	Y 371.029
Mn 257.610	0.019939	mg/L	0.000131	0.7	2927.99	0.019939 mg/L	Y 371.029
Mn 259.372	0.019940	mg/L	0.000165	0.8	2231.68	0.019940 mg/L	Y 371.029
Mn 260.568	0.019879	mg/L	0.000156	0.8	374.962	0.019879 mg/L	Y 371.029
Mo 202.032	0.052712	mg/L	0.003140	6.0	200.279	0.052712 mg/L	Y 371.029
Mo 203.846	0.054215	mg/L	0.004175	7.7	82.4358	0.054215 mg/L	Y 371.029
Mo 204.598	0.053024	mg/L	0.001991	3.8	92.4815	0.053024 mg/L	Y 371.029
Na 568.821	0.670142	mg/L	0.120165	17.9	273.409	0.670142 mg/L	Y 371.029
Na 588.995	-0.035107uv	mg/L	0.000974	2.8	304868	-0.035107 mg/L	Y 371.029
Na 589.592	0.107615	mg/L	0.000474	0.4	127419	0.107615 mg/L	Y 371.029
Ni 216.555	0.041048	mg/L	0.000943	2.3	207.714	0.041048 mg/L	Y 371.029
Ni 221.648	0.040359	mg/L	0.000568	1.4	83.0386	0.040359 mg/L	Y 371.029
Ni 231.604	0.040490	mg/L	0.000768	1.9	141.232	0.040490 mg/L	Y 371.029
P 177.434	0.019086	mg/L	0.010244	53.7	5.60020	0.019086 mg/L	Y 371.029
P 213.618	0.015233	mg/L	0.003976	26.1	13.0651	0.015233 mg/L	Y 371.029
P 214.914	0.034194	mg/L	0.020355	59.5	8.78812	0.034194 mg/L	Y 371.029
Pb 220.353	0.041019	mg/L	0.001745	4.3	49.1629	0.041019 mg/L	Y 371.029
Pb 261.417	0.043890	mg/L	0.009348	21.3	37.2168	0.043890 mg/L	Y 371.029
Pb 405.781	0.039087	mg/L	0.013527	34.6	106.937	0.039087 mg/L	Y 371.029
Sb 206.834	0.068566	mg/L	0.003179	4.6	47.7943	0.068566 mg/L	Y 371.029
Sb 231.146	0.066310	mg/L	0.010012	15.1	34.4394	0.066310 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.001397	3.0	31.3178	uncal mg/L	Y 371.029
Se 196.026	0.049680	mg/L	0.006200	12.5	17.9325	0.049680 mg/L	Y 371.029
Se 203.985	0.047204	mg/L	0.005713	12.1	12.2510	0.047204 mg/L	Y 371.029
Si 250.690	0.025328	mg/L	0.003203	12.6	78.8704	0.025328 mg/L	Y 371.029
Si 251.611	0.034976	mg/L	0.000650	1.9	88.9642	0.034976 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.000525	1.9	966.916	uncal mg/L	Y 371.029
Sn 189.927	0.040161	mg/L	0.000973	2.4	15.0452	0.040161 mg/L	Y 371.029
Sn 283.998	0.045537	mg/L	0.003682	8.1	97.1254	0.045537 mg/L	Y 371.029
Sr 216.596	0.020564	mg/L	0.000620	3.0	173.977	0.020564 mg/L	Y 371.029
Sr 407.771	0.019929	mg/L	0.000056	0.3	55508.3	0.019929 mg/L	Y 371.029
Sr 421.552	0.019842	mg/L	0.000042	0.2	35670.8	0.019842 mg/L	Y 371.029
Ti 334.941	0.020762	mg/L	0.000564	2.7	4514.98	0.020762 mg/L	Y 371.029
Ti 336.122	0.021363	mg/L	0.000301	1.4	1950.43	0.021363 mg/L	Y 371.029
Ti 337.280	0.020661	mg/L	0.000435	2.1	616.318	0.020661 mg/L	Y 371.029
Tl 190.794	0.021796	mg/L	0.005579	25.6	9.98238	0.021796 mg/L	Y 371.029
Tl 190.807	0.024047	mg/L	0.002881	12.0	4.08983	0.024047 mg/L	Y 371.029
Tl 351.923	0.017970	mg/L	0.002861	15.9	54.4149	0.017970 mg/L	Y 371.029
V 268.796	0.021028	mg/L	0.000361	1.7	252.861	0.021028 mg/L	Y 371.029
V 292.401	0.019847	mg/L	0.000171	0.9	637.095	0.019847 mg/L	Y 371.029
V 311.837	0.019346	mg/L	0.000166	0.9	778.864	0.019346 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 202.548	0.020140	mg/L	0.001002	5.0	790.919	0.020140 mg/L	Y 371.029
Zn 206.200	0.020122	mg/L	0.000391	1.9	256.735	0.020122 mg/L	Y 371.029
Zn 213.857	0.019999	mg/L	0.000662	3.3	1493.56	0.019999 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.996147	7987.88	15.473	0.2
Y 371.029	0.837990	138190	257.793	0.2

SEQ-HCV1 (Samp) **4/27/2011, 12:22:06 PM** **Rack 1, Tube 5**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.787338b	mg/L	0.001766	0.2	38339.2	0.787338 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.007780	0.9	2330.04	uncal mg/L	Y 371.029
Al 237.312	50.5936b	mg/L	0.069695	0.1	62259.8	50.5936 mg/L	Y 371.029
Al 257.509	50.3657b	mg/L	0.186064	0.4	28687.9	50.3657 mg/L	Y 371.029
Al 308.215	49.4005b	mg/L	0.087787	0.2	295010	49.4005 mg/L	Y 371.029
As 188.980	10.3076b	mg/L	0.068313	0.7	3473.36	10.3076 mg/L	Y 371.029
As 193.696	10.3317b	mg/L	0.036763	0.4	4244.03	10.3317 mg/L	Y 371.029
As 228.812	11.2452b	mg/L	0.113274	1.0	17857.7	11.2452 mg/L	Y 371.029
B 182.577	10.4012b	mg/L	0.094465	0.9	4351.05	10.4012 mg/L	Y 371.029
B 249.678	10.4510b	mg/L	0.067686	0.6	88504.0	10.4510 mg/L	Y 371.029
B 249.772	10.3006b	mg/L	0.141359	1.4	167849	10.3006 mg/L	Y 371.029
Ba 233.527	9.93025b	mg/L	0.033773	0.3	381064	9.93025 mg/L	Y 371.029
Ba 455.403	9.18450b	mg/L	0.022283	0.2	8036330	9.18450 mg/L	Y 371.029
Ba 493.408	9.68479b	mg/L	0.209501	2.2	5191351	9.68479 mg/L	Y 371.029
Be 234.861	10.2364b	mg/L	0.036524	0.4	1188990	10.2364 mg/L	Y 371.029
Be 313.042	9.40211b	mg/L	0.022628	0.2	15875539	9.40211 mg/L	Y 371.029
Be 313.107	9.58691b	mg/L	0.021605	0.2	7975932	9.58691 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.270112	0.7	46424284	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.136975	0.6	47265900	- mg/L	Y 371.029
Ca 430.253	101.805b	mg/L	0.215968	0.2	434277	101.805 mg/L	Y 371.029
Cd 214.439	4.88321b	mg/L	0.062551	1.3	90305.9	4.88321 mg/L	Y 371.029
Cd 226.502	4.87515b	mg/L	0.005518	0.1	176988	4.87515 mg/L	Y 371.029
Cd 228.802	5.08666b	mg/L	0.009153	0.2	69754.0	5.08666 mg/L	Y 371.029
Co 228.615	9.92075b	mg/L	0.013105	0.1	84871.7	9.92075 mg/L	Y 371.029
Co 230.786	9.93140b	mg/L	0.015121	0.2	59710.1	9.93140 mg/L	Y 371.029
Co 238.892	9.77929b	mg/L	0.015405	0.2	55107.4	9.77929 mg/L	Y 371.029
Cr 205.560	9.81606b	mg/L	0.048192	0.5	39813.9	9.81606 mg/L	Y 371.029
Cr 206.158	9.77283b	mg/L	0.073171	0.7	15953.7	9.77283 mg/L	Y 371.029
Cr 267.716	9.82415b	mg/L	0.012188	0.1	212185	9.82415 mg/L	Y 371.029
Cu 213.598	9.73512b	mg/L	0.024745	0.3	38078.4	9.73512 mg/L	Y 371.029
Cu 324.754	9.99202b	mg/L	0.048035	0.5	318131	9.99202 mg/L	Y 371.029
Cu 327.395	9.93550b	mg/L	0.047755	0.5	423381	9.93550 mg/L	Y 371.029
Fe 234.350	10.0911b	mg/L	0.028310	0.3	91953.0	10.0911 mg/L	Y 371.029
Fe 238.204	9.95953b	mg/L	0.041197	0.4	183245	9.95953 mg/L	Y 371.029
Fe 259.940	9.89247b	mg/L	0.036673	0.4	149533	9.89247 mg/L	Y 371.029
Ga 287.423	10.1902b	mg/L	0.005411	0.1	22850.6	10.1902 mg/L	Y 371.029
Ga 294.363	10.1615b	mg/L	0.022475	0.2	60693.4	10.1615 mg/L	Y 371.029
Ga 417.204	10.1705b	mg/L	0.014765	0.1	90943.4	10.1705 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
K 766.491	85.4200b	mg/L	0.811043	0.9	5860052	85.4200 mg/L	Y 371.029
K 769.897	97.6012b	mg/L	0.479057	0.5	5544414	97.6012 mg/L	Y 371.029
Li 610.365	21.1962b	mg/L	0.097656	0.5	1059984	21.1962 mg/L	Y 371.029
Li 670.783	-ob	mg/L	0.133368	1.0	44720036	- mg/L	Y 371.029
Mg 279.078	101.037b	mg/L	0.149921	0.1	162550	101.037 mg/L	Y 371.029
Mg 280.270	72.2960b	mg/L	0.252125	0.3	7142503	72.2960 mg/L	Y 371.029
Mg 285.213	95.6770b	mg/L	0.837410	0.9	3388185	95.6770 mg/L	Y 371.029
Mn 257.610	9.66155b	mg/L	0.081748	0.8	1412519	9.66155 mg/L	Y 371.029
Mn 259.372	9.70934b	mg/L	0.071830	0.7	1060644	9.70934 mg/L	Y 371.029
Mn 260.568	9.90960b	mg/L	0.046029	0.5	183250	9.90960 mg/L	Y 371.029
Mo 202.032	22.0886b	mg/L	0.194914	0.9	75207.1	22.0886 mg/L	Y 371.029
Mo 203.846	21.4448b	mg/L	0.245805	1.1	31888.3	21.4448 mg/L	Y 371.029
Mo 204.598	22.1309b	mg/L	0.265804	1.2	37575.5	22.1309 mg/L	Y 371.029
Na 568.821	101.420b	mg/L	0.093659	0.1	26748.6	101.420 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.00754	1.6	36200832	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	3.78056	4.0	28983232	- mg/L	Y 371.029
Ni 216.555	19.5854b	mg/L	0.044035	0.2	98931.0	19.5854 mg/L	Y 371.029
Ni 221.648	19.4769b	mg/L	0.038439	0.2	39022.4	19.4769 mg/L	Y 371.029
Ni 231.604	19.6704b	mg/L	0.028331	0.1	65931.1	19.6704 mg/L	Y 371.029
P 177.434	10.3567b	mg/L	0.055825	0.5	1542.61	10.3567 mg/L	Y 371.029
P 213.618	10.2176b	mg/L	0.067988	0.7	6892.70	10.2176 mg/L	Y 371.029
P 214.914	10.3009b	mg/L	0.007289	0.1	1858.60	10.3009 mg/L	Y 371.029
Pb 220.353	19.5538b	mg/L	0.022012	0.1	21253.9	19.5538 mg/L	Y 371.029
Pb 261.417	20.0541b	mg/L	0.020144	0.1	9966.20	20.0541 mg/L	Y 371.029
Pb 405.781	20.4032b	mg/L	0.019421	0.1	25854.2	20.4032 mg/L	Y 371.029
Sb 206.834	21.9949b	mg/L	0.269016	1.2	12270.9	21.9949 mg/L	Y 371.029
Sb 231.146	22.8525b	mg/L	0.287988	1.3	9420.00	22.8525 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.374019	1.4	7663.28	uncal mg/L	Y 371.029
Se 196.026	21.0772b	mg/L	0.015729	0.1	6160.96	21.0772 mg/L	Y 371.029
Se 203.985	21.7008b	mg/L	0.108010	0.5	3674.97	21.7008 mg/L	Y 371.029
Si 250.690	16.2041b	mg/L	0.506242	3.1	20540.8	16.2041 mg/L	Y 371.029
Si 251.611	15.8864b	mg/L	0.498126	3.1	23158.4	15.8864 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.514084	3.2	118457	uncal mg/L	Y 371.029
Sn 189.927	19.8569b	mg/L	0.088303	0.4	5889.80	19.8569 mg/L	Y 371.029
Sn 283.998	19.7443b	mg/L	0.042762	0.2	37161.9	19.7443 mg/L	Y 371.029
Sr 216.596	9.86116b	mg/L	0.017232	0.2	77100.4	9.86116 mg/L	Y 371.029
Sr 407.771	8.71731b	mg/L	0.026397	0.3	21915328	8.71731 mg/L	Y 371.029
Sr 421.552	9.03500b	mg/L	0.043564	0.5	14755288	9.03500 mg/L	Y 371.029
Ti 334.941	9.91058b	mg/L	0.022277	0.2	2119353	9.91058 mg/L	Y 371.029
Ti 336.122	9.90833b	mg/L	0.012364	0.1	891489	9.90833 mg/L	Y 371.029
Ti 337.280	10.0692b	mg/L	0.017182	0.2	307954	10.0692 mg/L	Y 371.029
Tl 190.794	9.91893b	mg/L	0.027352	0.3	3438.38	9.91893 mg/L	Y 371.029
Tl 190.807	9.98866b	mg/L	0.033658	0.3	1759.06	9.98866 mg/L	Y 371.029
Tl 351.923	10.2712b	mg/L	0.028955	0.3	16363.8	10.2712 mg/L	Y 371.029
V 268.796	9.86408b	mg/L	0.031202	0.3	105505	9.86408 mg/L	Y 371.029
V 292.401	9.91578b	mg/L	0.031959	0.3	295964	9.91578 mg/L	Y 371.029
V 311.837	10.1745b	mg/L	0.009724	0.1	415155	10.1745 mg/L	Y 371.029
Zn 202.548	9.53812b	mg/L	0.015791	0.2	84726.3	9.53812 mg/L	Y 371.029
Zn 206.200	9.36660b	mg/L	0.048313	0.5	27380.6	9.36660 mg/L	Y 371.029
Zn 213.857	9.78761b	mg/L	0.096199	1.0	166008	9.78761 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.935714	7503.29	52.644	0.7
Y 371.029	0.800241	131965	974.553	0.7

SEQ-IFA1 (Samp) **4/27/2011, 12:29:24 PM** **Rack 1, Tube 6**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001238uv	mg/L	0.000164	13.3	356.052	-0.001238 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.004561	6.0	95.1979	uncal mg/L	Y 371.029
Al 237.312	95.4732	mg/L	0.260378	0.3	117332	95.4732 mg/L	Y 371.029
Al 257.509	97.3455	mg/L	0.323446	0.3	55458.3	97.3455 mg/L	Y 371.029
Al 308.215	95.7520	mg/L	0.173546	0.2	569047	95.7520 mg/L	Y 371.029
As 188.980	0.036148	mg/L	0.003423	9.5	7.20407	0.036148 mg/L	Y 371.029
As 193.696	-0.004078uv	mg/L	0.003748	91.9	2.12078	-0.004078 mg/L	Y 371.029
As 228.812	11.4488	mg/L	0.173237	1.5	25048.4	11.4488 mg/L	Y 371.029
B 182.577	0.025487	mg/L	0.006243	24.5	21.0081	0.025487 mg/L	Y 371.029
B 249.678	0.011283	mg/L	0.005364	47.5	353.358	0.011283 mg/L	Y 371.029
B 249.772	0.031376	mg/L	0.007175	22.9	2036.38	0.031376 mg/L	Y 371.029
Ba 233.527	-0.005598	mg/L	0.000031	0.6	289.100	-0.005598 mg/L	Y 371.029
Ba 455.403	-0.003776uv	mg/L	0.000012	0.3	4002.16	-0.003776 mg/L	Y 371.029
Ba 493.408	-0.003897	mg/L	0.000029	0.8	2842.98	-0.003897 mg/L	Y 371.029
Be 234.861	-0.000503uv	mg/L	0.000325	64.6	-558.300	-0.000503 mg/L	Y 371.029
Be 313.042	-0.000149	mg/L	0.000004	2.6	1207.44	-0.000149 mg/L	Y 371.029
Be 313.107	0.000184uv	mg/L	0.000004	2.2	17.1788	0.000184 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.184986	0.5	45233548	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.175907	0.8	46177984	- mg/L	Y 371.029
Ca 430.253	95.0494	mg/L	0.263288	0.3	405844	95.0494 mg/L	Y 371.029
Cd 214.439	9.27363	mg/L	0.108408	1.2	171498	9.27363 mg/L	Y 371.029
Cd 226.502	9.35235	mg/L	0.027156	0.3	339620	9.35235 mg/L	Y 371.029
Cd 228.802	9.50121	mg/L	0.185687	2.0	130250	9.50121 mg/L	Y 371.029
Co 228.615	-0.004364	mg/L	0.000260	6.0	138.163	-0.004364 mg/L	Y 371.029
Co 230.786	-0.008767	mg/L	0.000293	3.3	68.7285	-0.008767 mg/L	Y 371.029
Co 238.892	-0.002003uv	mg/L	0.004527	226.1	-513.119	-0.002003 mg/L	Y 371.029
Cr 205.560	9.18943	mg/L	0.051015	0.6	37388.7	9.18943 mg/L	Y 371.029
Cr 206.158	9.15745	mg/L	0.035433	0.4	15000.3	9.15745 mg/L	Y 371.029
Cr 267.716	9.15272	mg/L	0.015591	0.2	198304	9.15272 mg/L	Y 371.029
Cu 213.598	9.05707	mg/L	0.036006	0.4	35503.3	9.05707 mg/L	Y 371.029
Cu 324.754	9.30114	mg/L	0.040367	0.4	296620	9.30114 mg/L	Y 371.029
Cu 327.395	9.24374	mg/L	0.037998	0.4	394853	9.24374 mg/L	Y 371.029
Fe 234.350	97.6039	mg/L	0.462727	0.5	845603	97.6039 mg/L	Y 371.029
Fe 238.204	95.0637	mg/L	0.202293	0.2	1696041	95.0637 mg/L	Y 371.029
Fe 259.940	94.9083	mg/L	0.215735	0.2	1396455	94.9083 mg/L	Y 371.029
Ga 287.423	-0.232714	mg/L	0.004062	1.7	1524.86	-0.232714 mg/L	Y 371.029
Ga 294.363	-0.018285	mg/L	0.002052	11.2	182.294	-0.018285 mg/L	Y 371.029
Ga 417.204	-0.055208	mg/L	0.000724	1.3	4805.28	-0.055208 mg/L	Y 371.029
K 766.491	-0.045712	mg/L	0.000452	1.0	2223.05	-0.045712 mg/L	Y 371.029
K 769.897	-0.010570	mg/L	0.002268	21.5	12621.3	-0.010570 mg/L	Y 371.029
Li 610.365	0.013033	mg/L	0.000131	1.0	81.5759	0.013033 mg/L	Y 371.029
Li 670.783	-0.013211uv	mg/L	0.000035	0.3	59185.4	-0.013211 mg/L	Y 371.029
Mg 279.078	94.3540	mg/L	0.118658	0.1	151850	94.3540 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	70.2930	mg/L	1.02276	1.5	6944754	70.2930 mg/L	Y 371.029
Mg 285.213	89.6435	mg/L	0.584190	0.7	3174547	89.6435 mg/L	Y 371.029
Mn 257.610	8.80622	mg/L	0.013680	0.2	1305385	8.80622 mg/L	Y 371.029
Mn 259.372	8.92081	mg/L	0.015176	0.2	985954	8.92081 mg/L	Y 371.029
Mn 260.568	9.16391	mg/L	0.006953	0.1	169967	9.16391 mg/L	Y 371.029
Mo 202.032	9.55414	mg/L	0.128422	1.3	32695.1	9.55414 mg/L	Y 371.029
Mo 203.846	9.18377	mg/L	0.132272	1.4	13737.1	9.18377 mg/L	Y 371.029
Mo 204.598	9.49813	mg/L	0.121611	1.3	16218.9	9.49813 mg/L	Y 371.029
Na 568.821	96.0339	mg/L	0.164801	0.2	25267.6	96.0339 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.129387	0.2	34537996	- mg/L	Y 371.029
Na 589.592	-o	mg/L	0.395244	0.5	26364202	- mg/L	Y 371.029
Ni 216.555	8.54682	mg/L	0.025876	0.3	43615.3	8.54682 mg/L	Y 371.029
Ni 221.648	8.47768	mg/L	0.127761	1.5	17153.0	8.47768 mg/L	Y 371.029
Ni 231.604	8.60494	mg/L	0.026484	0.3	29124.5	8.60494 mg/L	Y 371.029
P 177.434	-0.015914	mg/L	0.002371	14.9	7.32350	-0.015914 mg/L	Y 371.029
P 213.618	-0.194125	mg/L	0.030609	15.8	94.2337	-0.194125 mg/L	Y 371.029
P 214.914	-0.218240	mg/L	0.017884	8.2	59.9827	-0.218240 mg/L	Y 371.029
Pb 220.353	-0.003368uv	mg/L	0.003637	108.0	5.27318	-0.003368 mg/L	Y 371.029
Pb 261.417	0.048160uv	mg/L	0.020809	43.2	21.1507	0.048160 mg/L	Y 371.029
Pb 405.781	-0.095412	mg/L	0.012886	13.5	91.2442	-0.095412 mg/L	Y 371.029
Sb 206.834	0.030125	mg/L	0.006213	20.6	88.4391	0.030125 mg/L	Y 371.029
Sb 231.146	-0.191866uv	mg/L	0.010880	5.7	9.64206	-0.191866 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.010774	2.3	11.5209	uncal mg/L	Y 371.029
Se 196.026	0.001166	mg/L	0.009512	815.6	7.75077	0.001166 mg/L	Y 371.029
Se 203.985	-0.032522	mg/L	0.024876	76.5	149.675	-0.032522 mg/L	Y 371.029
Si 250.690	-0.048778	mg/L	0.007024	14.4	197.274	-0.048778 mg/L	Y 371.029
Si 251.611	-0.118078	mg/L	0.011221	9.5	280.097	-0.118078 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.009177	130.3	1226.15	uncal mg/L	Y 371.029
Sn 189.927	-0.011611uv	mg/L	0.005143	44.3	2.76457	-0.011611 mg/L	Y 371.029
Sn 283.998	-0.042840	mg/L	0.030974	72.3	9241.97	-0.042840 mg/L	Y 371.029
Sr 216.596	-0.030004uv	mg/L	0.000250	0.8	-22.8903	-0.030004 mg/L	Y 371.029
Sr 407.771	-0.001212	mg/L	0.000018	1.5	8503.77	-0.001212 mg/L	Y 371.029
Sr 421.552	-0.001581	mg/L	0.000009	0.6	5221.52	-0.001581 mg/L	Y 371.029
Ti 334.941	9.18848	mg/L	0.043182	0.5	1966944	9.18848 mg/L	Y 371.029
Ti 336.122	9.19284	mg/L	0.039962	0.4	827825	9.19284 mg/L	Y 371.029
Ti 337.280	9.37404	mg/L	0.028903	0.3	286902	9.37404 mg/L	Y 371.029
Tl 190.794	-0.041340	mg/L	0.003010	7.3	3.85622	-0.041340 mg/L	Y 371.029
Tl 190.807	0.014494	mg/L	0.010414	71.8	9.54761	0.014494 mg/L	Y 371.029
Tl 351.923	0.011184	mg/L	0.002926	26.2	51.0545	0.011184 mg/L	Y 371.029
V 268.796	9.17261	mg/L	0.039834	0.4	86772.6	9.17261 mg/L	Y 371.029
V 292.401	9.28892	mg/L	0.080659	0.9	277917	9.28892 mg/L	Y 371.029
V 311.837	9.41913	mg/L	0.024305	0.3	385068	9.41913 mg/L	Y 371.029
Zn 202.548	9.02471	mg/L	0.011118	0.1	80217.8	9.02471 mg/L	Y 371.029
Zn 206.200	8.87646	mg/L	0.038990	0.4	25963.1	8.87646 mg/L	Y 371.029
Zn 213.857	9.24007	mg/L	0.068778	0.7	156045	9.24007 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.961276	7708.27	27.778	0.4
Y 371.029	0.817106	134747	771.482	0.6

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SEQ-IFB1 (Samp) **4/27/2011, 12:33:37 PM** **Rack 1, Tube 7**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.098784	mg/L	0.000108	0.1	5162.21	0.098784 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.003750	2.2	364.731	uncal mg/L	Y 371.029
Al 237.312	96.8751	mg/L	0.292703	0.3	119054	96.8751 mg/L	Y 371.029
Al 257.509	98.6330	mg/L	0.287904	0.3	56190.7	98.6330 mg/L	Y 371.029
Al 308.215	97.3032	mg/L	0.061719	0.1	578294	97.3032 mg/L	Y 371.029
As 188.980	0.535680	mg/L	0.004183	0.8	175.356	0.535680 mg/L	Y 371.029
As 193.696	0.465892	mg/L	0.005077	1.1	195.057	0.465892 mg/L	Y 371.029
As 228.812	12.4160	mg/L	0.035901	0.3	26188.8	12.4160 mg/L	Y 371.029
B 182.577	0.487646	mg/L	0.002231	0.5	214.114	0.487646 mg/L	Y 371.029
B 249.678	0.482929	mg/L	0.008819	1.8	4343.91	0.482929 mg/L	Y 371.029
B 249.772	0.479368	mg/L	0.005843	1.2	9330.24	0.479368 mg/L	Y 371.029
Ba 233.527	0.482762	mg/L	0.000443	0.1	19018.4	0.482762 mg/L	Y 371.029
Ba 455.403	0.488267	mg/L	0.001334	0.3	434273	0.488267 mg/L	Y 371.029
Ba 493.408	0.482995	mg/L	0.000548	0.1	263684	0.482995 mg/L	Y 371.029
Be 234.861	0.472839	mg/L	0.001116	0.2	54422.3	0.472839 mg/L	Y 371.029
Be 313.042	0.483153	mg/L	0.000822	0.2	817274	0.483153 mg/L	Y 371.029
Be 313.107	0.487744	mg/L	0.000379	0.1	405634	0.487744 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.307302	0.8	45830960	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.228938	1.0	46685204	- mg/L	Y 371.029
Ca 430.253	99.3058	mg/L	0.121637	0.1	423949	99.3058 mg/L	Y 371.029
Cd 214.439	9.39629	mg/L	0.124155	1.3	173767	9.39629 mg/L	Y 371.029
Cd 226.502	9.48887	mg/L	0.024360	0.3	344576	9.48887 mg/L	Y 371.029
Cd 228.802	9.68903	mg/L	0.034695	0.4	132825	9.68903 mg/L	Y 371.029
Co 228.615	0.480241	mg/L	0.002550	0.5	4283.55	0.480241 mg/L	Y 371.029
Co 230.786	0.474894	mg/L	0.001436	0.3	2976.10	0.474894 mg/L	Y 371.029
Co 238.892	0.359924	mg/L	0.005277	1.5	1527.89	0.359924 mg/L	Y 371.029
Cr 205.560	9.54721	mg/L	0.098822	1.0	38839.2	9.54721 mg/L	Y 371.029
Cr 206.158	9.50996	mg/L	0.057534	0.6	15575.5	9.50996 mg/L	Y 371.029
Cr 267.716	9.53905	mg/L	0.072534	0.8	206643	9.53905 mg/L	Y 371.029
Cu 213.598	9.42604	mg/L	0.077530	0.8	36948.8	9.42604 mg/L	Y 371.029
Cu 324.754	9.74209	mg/L	0.017990	0.2	310647	9.74209 mg/L	Y 371.029
Cu 327.395	9.69492	mg/L	0.022827	0.2	414074	9.69492 mg/L	Y 371.029
Fe 234.350	97.8701	mg/L	0.453556	0.5	848086	97.8701 mg/L	Y 371.029
Fe 238.204	94.6848	mg/L	0.111884	0.1	1689541	94.6848 mg/L	Y 371.029
Fe 259.940	94.2712	mg/L	0.566492	0.6	1387281	94.2712 mg/L	Y 371.029
Ga 287.423	0.248224	mg/L	0.006011	2.4	2597.16	0.248224 mg/L	Y 371.029
Ga 294.363	0.455971	mg/L	0.001294	0.3	3013.32	0.455971 mg/L	Y 371.029
Ga 417.204	0.452503	mg/L	0.001567	0.3	9305.79	0.452503 mg/L	Y 371.029
K 766.491	5.48494	mg/L	0.018279	0.3	381424	5.48494 mg/L	Y 371.029
K 769.897	5.32608	mg/L	0.020871	0.4	315075	5.32608 mg/L	Y 371.029
Li 610.365	0.909933	mg/L	0.000779	0.1	44958.0	0.909933 mg/L	Y 371.029
Li 670.783	0.984091	mg/L	0.002225	0.2	3492728	0.984091 mg/L	Y 371.029
Mg 279.078	98.6473	mg/L	0.140183	0.1	158741	98.6473 mg/L	Y 371.029
Mg 280.270	71.6120	mg/L	1.25706	1.8	7075113	71.6120 mg/L	Y 371.029
Mg 285.213	93.2118	mg/L	0.314968	0.3	3300911	93.2118 mg/L	Y 371.029
Mn 257.610	9.16866	mg/L	0.058476	0.6	1358199	9.16866 mg/L	Y 371.029
Mn 259.372	9.28689	mg/L	0.054475	0.6	1026049	9.28689 mg/L	Y 371.029
Mn 260.568	9.53036	mg/L	0.033963	0.4	176742	9.53036 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	10.6568	mg/L	0.096428	0.9	36445.7	10.6568 mg/L	Y 371.029
Mo 203.846	10.2566	mg/L	0.184131	1.8	15331.0	10.2566 mg/L	Y 371.029
Mo 204.598	10.5574	mg/L	0.182850	1.7	18016.1	10.5574 mg/L	Y 371.029
Na 568.821	100.585	mg/L	0.127662	0.1	26462.4	100.585 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.111165	0.2	35262640	- mg/L	Y 371.029
Na 589.592	-o	mg/L	0.895617	1.0	27627198	- mg/L	Y 371.029
Ni 216.555	9.44911	mg/L	0.023769	0.3	48171.7	9.44911 mg/L	Y 371.029
Ni 221.648	9.30588	mg/L	0.121107	1.3	18811.9	9.30588 mg/L	Y 371.029
Ni 231.604	9.51755	mg/L	0.087704	0.9	32182.2	9.51755 mg/L	Y 371.029
P 177.434	0.487825	mg/L	0.005971	1.2	82.1473	0.487825 mg/L	Y 371.029
P 213.618	0.236612	mg/L	0.015337	6.5	383.972	0.236612 mg/L	Y 371.029
P 214.914	0.282905	mg/L	0.016362	5.8	149.478	0.282905 mg/L	Y 371.029
Pb 220.353	0.951516	mg/L	0.002638	0.3	1042.91	0.951516 mg/L	Y 371.029
Pb 261.417	0.367734	mg/L	0.019535	5.3	179.464	0.367734 mg/L	Y 371.029
Pb 405.781	0.851818	mg/L	0.013655	1.6	1288.00	0.851818 mg/L	Y 371.029
Sb 206.834	1.12466	mg/L	0.003244	0.3	697.909	1.12466 mg/L	Y 371.029
Sb 231.146	0.818427	mg/L	0.021185	2.6	425.313	0.818427 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.079092	28.2	65.9507	uncal mg/L	Y 371.029
Se 196.026	0.977807	mg/L	0.025504	2.6	293.021	0.977807 mg/L	Y 371.029
Se 203.985	1.03534	mg/L	0.014636	1.4	328.081	1.03534 mg/L	Y 371.029
Si 250.690	0.848079	mg/L	0.017574	2.1	1328.92	0.848079 mg/L	Y 371.029
Si 251.611	0.763576	mg/L	0.017023	2.2	1557.23	0.763576 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.008590	1.0	7651.77	uncal mg/L	Y 371.029
Sn 189.927	0.948553	mg/L	0.008456	0.9	287.388	0.948553 mg/L	Y 371.029
Sn 283.998	0.975019	mg/L	0.031804	3.3	11004.7	0.975019 mg/L	Y 371.029
Sr 216.596	0.440206	mg/L	0.000730	0.2	3652.16	0.440206 mg/L	Y 371.029
Sr 407.771	0.468956	mg/L	0.003181	0.7	1190117	0.468956 mg/L	Y 371.029
Sr 421.552	0.471128	mg/L	0.001243	0.3	776981	0.471128 mg/L	Y 371.029
Ti 334.941	9.58710	mg/L	0.052656	0.5	2052169	9.58710 mg/L	Y 371.029
Ti 336.122	9.58652	mg/L	0.046058	0.5	863241	9.58652 mg/L	Y 371.029
Ti 337.280	9.81423	mg/L	0.020798	0.2	300362	9.81423 mg/L	Y 371.029
Tl 190.794	0.396209	mg/L	0.003824	1.0	155.348	0.396209 mg/L	Y 371.029
Tl 190.807	0.434261	mg/L	0.003909	0.9	83.7956	0.434261 mg/L	Y 371.029
Tl 351.923	0.470783	mg/L	0.008623	1.8	782.336	0.470783 mg/L	Y 371.029
V 268.796	9.59626	mg/L	0.010695	0.1	91464.2	9.59626 mg/L	Y 371.029
V 292.401	9.65347	mg/L	0.009617	0.1	288796	9.65347 mg/L	Y 371.029
V 311.837	9.86134	mg/L	0.031639	0.3	403105	9.86134 mg/L	Y 371.029
Zn 202.548	9.43475	mg/L	0.028293	0.3	83828.6	9.43475 mg/L	Y 371.029
Zn 206.200	9.24790	mg/L	0.090913	1.0	27041.5	9.24790 mg/L	Y 371.029
Zn 213.857	9.64878	mg/L	0.121222	1.3	162928	9.64878 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.954418	7653.27	16.968	0.2
Y 371.029	0.812592	134002	297.615	0.2

SEQ-CCV1 (Samp)	**4/27/2011, 12:37:52 PM**	**Rack 1, Tube 8**
	M_200.7_T_WW	**CCV**
Weight: 1	**Volume: 1**	**Dilution: 1**

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.101653	mg/L	0.000215	0.2	5360.49	0.101653 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002283	2.3	269.742	uncal mg/L	Y 371.029
Al 237.312	2.57912	mg/L	0.004856	0.2	3219.61	2.57912 mg/L	Y 371.029
Al 257.509	2.60260	mg/L	0.028459	1.1	1500.13	2.60260 mg/L	Y 371.029
Al 308.215	2.58480	mg/L	0.002205	0.1	16621.9	2.58480 mg/L	Y 371.029
As 188.980	0.508878	mg/L	0.004900	1.0	176.191	0.508878 mg/L	Y 371.029
As 193.696	0.508792	mg/L	0.004284	0.8	210.540	0.508792 mg/L	Y 371.029
As 228.812	0.583302	mg/L	0.015782	2.7	928.051	0.583302 mg/L	Y 371.029
B 182.577	0.510750	mg/L	0.004821	0.9	217.544	0.510750 mg/L	Y 371.029
B 249.678	0.511750	mg/L	0.004988	1.0	4374.01	0.511750 mg/L	Y 371.029
B 249.772	0.502495	mg/L	0.002881	0.6	8251.48	0.502495 mg/L	Y 371.029
Ba 233.527	0.507075	mg/L	0.002878	0.6	19624.5	0.507075 mg/L	Y 371.029
Ba 455.403	0.509187	mg/L	0.000598	0.1	449311	0.509187 mg/L	Y 371.029
Ba 493.408	0.502131	mg/L	0.000384	0.1	271506	0.502131 mg/L	Y 371.029
Be 234.861	0.512772	mg/L	0.003833	0.7	59556.8	0.512772 mg/L	Y 371.029
Be 313.042	0.505589	mg/L	0.000601	0.1	854002	0.505589 mg/L	Y 371.029
Be 313.107	0.508244	mg/L	0.000988	0.2	422911	0.508244 mg/L	Y 371.029
Ca 393.366	5.00572n	mg/L	0.043896	0.9	5893191	5.00572 mg/L	Y 371.029
Ca 396.847	4.84683	mg/L	0.012706	0.3	9624526	4.84683 mg/L	Y 371.029
Ca 430.253	5.13792	mg/L	0.009509	0.2	23057.1	5.13792 mg/L	Y 371.029
Cd 214.439	0.259445	mg/L	0.001614	0.6	4798.28	0.259445 mg/L	Y 371.029
Cd 226.502	0.256638	mg/L	0.000355	0.1	9338.32	0.256638 mg/L	Y 371.029
Cd 228.802	0.258287	mg/L	0.001809	0.7	3558.32	0.258287 mg/L	Y 371.029
Co 228.615	0.517494	mg/L	0.002578	0.5	4425.38	0.517494 mg/L	Y 371.029
Co 230.786	0.519231	mg/L	0.003577	0.7	3127.96	0.519231 mg/L	Y 371.029
Co 238.892	0.511528	mg/L	0.003379	0.7	2886.12	0.511528 mg/L	Y 371.029
Cr 205.560	0.508362	mg/L	0.003378	0.7	2066.86	0.508362 mg/L	Y 371.029
Cr 206.158	0.509491	mg/L	0.001308	0.3	833.190	0.509491 mg/L	Y 371.029
Cr 267.716	0.507908	mg/L	0.003837	0.8	10994.8	0.507908 mg/L	Y 371.029
Cu 213.598	0.513875	mg/L	0.001326	0.3	2011.35	0.513875 mg/L	Y 371.029
Cu 324.754	0.506775	mg/L	0.000784	0.2	16462.1	0.506775 mg/L	Y 371.029
Cu 327.395	0.502562	mg/L	0.000178	0.0	21433.6	0.502562 mg/L	Y 371.029
Fe 234.350	0.558447	mg/L	0.000321	0.1	5084.80	0.558447 mg/L	Y 371.029
Fe 238.204	0.548971	mg/L	0.005390	1.0	10116.8	0.548971 mg/L	Y 371.029
Fe 259.940	0.543502	mg/L	0.003009	0.6	8251.86	0.543502 mg/L	Y 371.029
Ga 287.423	0.513930	mg/L	0.004352	0.8	1169.72	0.513930 mg/L	Y 371.029
Ga 294.363	0.515497	mg/L	0.000984	0.2	3083.24	0.515497 mg/L	Y 371.029
Ga 417.204	0.519757	mg/L	0.001987	0.4	4752.97	0.519757 mg/L	Y 371.029
K 766.491	5.31976	mg/L	0.002755	0.1	366813	5.31976 mg/L	Y 371.029
K 769.897	5.13455	mg/L	0.003627	0.1	303458	5.13455 mg/L	Y 371.029
Li 610.365	1.02278	mg/L	0.000871	0.1	50604.5	1.02278 mg/L	Y 371.029
Li 670.783	1.07749	mg/L	0.002042	0.2	3776916	1.07749 mg/L	Y 371.029
Mg 279.078	5.16889	mg/L	0.006591	0.1	8328.77	5.16889 mg/L	Y 371.029
Mg 280.270	5.23016	mg/L	0.014165	0.3	516950	5.23016 mg/L	Y 371.029
Mg 285.213	5.26683	mg/L	0.038500	0.7	186569	5.26683 mg/L	Y 371.029
Mn 257.610	0.516219	mg/L	0.005046	1.0	75439.1	0.516219 mg/L	Y 371.029
Mn 259.372	0.516171	mg/L	0.005187	1.0	56424.4	0.516171 mg/L	Y 371.029
Mn 260.568	0.514854	mg/L	0.003573	0.7	9526.88	0.514854 mg/L	Y 371.029
Mo 202.032	1.17234	mg/L	0.013886	1.2	4009.91	1.17234 mg/L	Y 371.029
Mo 203.846	1.13574	mg/L	0.018659	1.6	1689.97	1.13574 mg/L	Y 371.029
Mo 204.598	1.16400	mg/L	0.020874	1.8	1977.99	1.16400 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	5.11480	mg/L	0.101627	2.0	1443.97	5.11480 mg/L	Y 371.029
Na 588.995	5.63343	mg/L	0.011882	0.2	3488117	5.63343 mg/L	Y 371.029
Na 589.592	5.30919	mg/L	0.013582	0.3	1697646	5.30919 mg/L	Y 371.029
Ni 216.555	1.03420	mg/L	0.001345	0.1	5224.49	1.03420 mg/L	Y 371.029
Ni 221.648	1.02481	mg/L	0.003316	0.3	2055.33	1.02481 mg/L	Y 371.029
Ni 231.604	1.03617	mg/L	0.003892	0.4	3478.31	1.03617 mg/L	Y 371.029
P 177.434	0.523201	mg/L	0.003632	0.7	80.5691	0.523201 mg/L	Y 371.029
P 213.618	0.513096	mg/L	0.004602	0.9	349.245	0.513096 mg/L	Y 371.029
P 214.914	0.528911	mg/L	0.011999	2.3	98.2075	0.528911 mg/L	Y 371.029
Pb 220.353	1.02849	mg/L	0.001407	0.1	1122.25	1.02849 mg/L	Y 371.029
Pb 261.417	1.00588	mg/L	0.013513	1.3	514.502	1.00588 mg/L	Y 371.029
Pb 405.781	1.00953	mg/L	0.004653	0.5	1334.43	1.00953 mg/L	Y 371.029
Sb 206.834	0.920938	mg/L	0.015475	1.7	523.620	0.920938 mg/L	Y 371.029
Sb 231.146	0.944500	mg/L	0.010429	1.1	396.913	0.944500 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.030364	3.0	318.563	uncal mg/L	Y 371.029
Se 196.026	1.03674	mg/L	0.001256	0.1	306.329	1.03674 mg/L	Y 371.029
Se 203.985	1.04878	mg/L	0.013946	1.3	182.278	1.04878 mg/L	Y 371.029
Si 250.690	1.05198	mg/L	0.003052	0.3	1374.95	1.05198 mg/L	Y 371.029
Si 251.611	1.03334	mg/L	0.006060	0.6	1535.22	1.03334 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.006918	0.7	8373.22	uncal mg/L	Y 371.029
Sn 189.927	1.03503	mg/L	0.002734	0.3	309.972	1.03503 mg/L	Y 371.029
Sn 283.998	1.02458	mg/L	0.007702	0.8	1943.32	1.02458 mg/L	Y 371.029
Sr 216.596	0.514844	mg/L	0.001022	0.2	4037.99	0.514844 mg/L	Y 371.029
Sr 407.771	0.491408	mg/L	0.001133	0.2	1240499	0.491408 mg/L	Y 371.029
Sr 421.552	0.493748	mg/L	0.000840	0.2	809443	0.493748 mg/L	Y 371.029
Ti 334.941	0.521446	mg/L	0.002611	0.5	111580	0.521446 mg/L	Y 371.029
Ti 336.122	0.518660	mg/L	0.004621	0.9	46692.3	0.518660 mg/L	Y 371.029
Ti 337.280	0.515757	mg/L	0.003656	0.7	15759.3	0.515757 mg/L	Y 371.029
Tl 190.794	0.508093	mg/L	0.009230	1.8	178.460	0.508093 mg/L	Y 371.029
Tl 190.807	0.526816	mg/L	0.006905	1.3	92.6422	0.526816 mg/L	Y 371.029
Tl 351.923	0.493764	mg/L	0.009729	2.0	811.325	0.493764 mg/L	Y 371.029
V 268.796	0.514376	mg/L	0.002425	0.5	5537.50	0.514376 mg/L	Y 371.029
V 292.401	0.506297	mg/L	0.003592	0.7	15154.6	0.506297 mg/L	Y 371.029
V 311.837	0.519492	mg/L	0.000458	0.1	21187.6	0.519492 mg/L	Y 371.029
Zn 202.548	0.547269	mg/L	0.001622	0.3	5432.53	0.547269 mg/L	Y 371.029
Zn 206.200	0.531810	mg/L	0.002897	0.5	1740.75	0.531810 mg/L	Y 371.029
Zn 213.857	0.533490	mg/L	0.002594	0.5	10135.0	0.533490 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.999673	8016.16	24.262	0.3
Y 371.029	0.836798	137994	462.388	0.3

SEQ-CCB1 (Samp) **4/27/2011, 12:41:46 PM** **Rack 1, Tube 9**
M_200.7_T_WW **CCB**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000414	mg/L	0.000501	121.1	494.783	0.000414 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001232	41.5	4.27723	uncal mg/L	Y 371.029
Al 237.312	0.015868	mg/L	0.001741	11.0	67.7646	0.015868 mg/L	Y 371.029
Al 257.509	0.016909	mg/L	0.017964	106.2	28.3432	0.016909 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	-0.010567uv	mg/L	0.001984	18.8	1192.15	-0.010567 mg/L	Y 371.029
As 188.980	0.007015	mg/L	0.002435	34.7	7.34995	0.007015 mg/L	Y 371.029
As 193.696	0.005249	mg/L	0.003040	57.9	3.77460	0.005249 mg/L	Y 371.029
As 228.812	0.010013	mg/L	0.004051	40.5	19.8350	0.010013 mg/L	Y 371.029
B 182.577	0.013921	mg/L	0.003639	26.1	9.87347	0.013921 mg/L	Y 371.029
B 249.678	0.016203	mg/L	0.002462	15.2	178.699	0.016203 mg/L	Y 371.029
B 249.772	0.016214	mg/L	0.002848	17.6	329.066	0.016214 mg/L	Y 371.029
Ba 233.527	0.000249	mg/L	0.000045	18.0	184.310	0.000249 mg/L	Y 371.029
Ba 455.403	-0.000019uv	mg/L	0.000017	90.8	3992.81	-0.000019 mg/L	Y 371.029
Ba 493.408	0.000002uv	mg/L	0.000013	752.0	2475.89	0.000002 mg/L	Y 371.029
Be 234.861	0.000044	mg/L	0.000023	53.0	1.34167	0.000044 mg/L	Y 371.029
Be 313.042	0.000001uv	mg/L	0.000005	587.9	327.612	0.000001 mg/L	Y 371.029
Be 313.107	0.000008uv	mg/L	0.000024	302.0	81.9774	0.000008 mg/L	Y 371.029
Ca 393.366	-0.003028nuv	mg/L	0.000037	1.2	14902.7	-0.003028 mg/L	Y 371.029
Ca 396.847	-0.002665uv	mg/L	0.000119	4.5	23895.4	-0.002665 mg/L	Y 371.029
Ca 430.253	-0.044136uv	mg/L	0.003908	8.9	1012.25	-0.044136 mg/L	Y 371.029
Cd 214.439	0.000182	mg/L	0.000060	33.0	3.71483	0.000182 mg/L	Y 371.029
Cd 226.502	-0.000060uv	mg/L	0.000087	145.4	20.1979	-0.000060 mg/L	Y 371.029
Cd 228.802	-0.000043uv	mg/L	0.000286	661.0	16.6779	-0.000043 mg/L	Y 371.029
Co 228.615	0.001638	mg/L	0.000304	18.6	11.6335	0.001638 mg/L	Y 371.029
Co 230.786	0.000212uv	mg/L	0.000411	194.4	7.31116	0.000212 mg/L	Y 371.029
Co 238.892	0.000183uv	mg/L	0.000494	270.0	5.09090	0.000183 mg/L	Y 371.029
Cr 205.560	-0.000210uv	mg/L	0.000173	82.5	4.41775	-0.000210 mg/L	Y 371.029
Cr 206.158	0.000907	mg/L	0.000611	67.4	2.99460	0.000907 mg/L	Y 371.029
Cr 267.716	0.000032uv	mg/L	0.000135	427.5	27.0426	0.000032 mg/L	Y 371.029
Cu 213.598	-0.000036uv	mg/L	0.000173	481.1	1.75651	-0.000036 mg/L	Y 371.029
Cu 324.754	-0.000708uv	mg/L	0.000287	40.6	323.077	-0.000708 mg/L	Y 371.029
Cu 327.395	0.000511	mg/L	0.000387	75.8	40.1235	0.000511 mg/L	Y 371.029
Fe 234.350	0.001174	mg/L	0.000825	70.3	24.4692	0.001174 mg/L	Y 371.029
Fe 238.204	0.001164	mg/L	0.000879	75.5	63.4281	0.001164 mg/L	Y 371.029
Fe 259.940	0.001368	mg/L	0.000946	69.2	75.9777	0.001368 mg/L	Y 371.029
Ga 287.423	0.002648uv	mg/L	0.003358	126.8	22.8976	0.002648 mg/L	Y 371.029
Ga 294.363	0.004378	mg/L	0.001565	35.8	30.4038	0.004378 mg/L	Y 371.029
Ga 417.204	-0.001395uv	mg/L	0.001178	84.5	100.349	-0.001395 mg/L	Y 371.029
K 766.491	-0.000792uv	mg/L	0.000315	39.7	1973.85	-0.000792 mg/L	Y 371.029
K 769.897	0.001207	mg/L	0.000668	55.3	12507.6	0.001207 mg/L	Y 371.029
Li 610.365	0.011208	mg/L	0.000039	0.4	-9.75592	0.011208 mg/L	Y 371.029
Li 670.783	-0.001775uv	mg/L	0.000026	1.5	60923.9	-0.001775 mg/L	Y 371.029
Mg 279.078	-0.000110uv	mg/L	0.002176	1986.7	13.4746	-0.000110 mg/L	Y 371.029
Mg 280.270	-0.000007uv	mg/L	0.000055	765.4	300.161	-0.000007 mg/L	Y 371.029
Mg 285.213	0.000556	mg/L	0.000104	18.8	80.5533	0.000556 mg/L	Y 371.029
Mn 257.610	-0.000133uv	mg/L	0.000012	8.7	-1.85654	-0.000133 mg/L	Y 371.029
Mn 259.372	-0.000046	mg/L	0.000065	143.3	71.0706	-0.000046 mg/L	Y 371.029
Mn 260.568	-0.000119uv	mg/L	0.000086	71.7	5.23561	-0.000119 mg/L	Y 371.029
Mo 202.032	0.047633	mg/L	0.006511	13.7	182.611	0.047633 mg/L	Y 371.029
Mo 203.846	0.049029	mg/L	0.007276	14.8	74.5575	0.049029 mg/L	Y 371.029
Mo 204.598	0.048204	mg/L	0.006346	13.2	84.0990	0.048204 mg/L	Y 371.029
Na 568.821	0.552325	mg/L	0.055890	10.1	242.302	0.552325 mg/L	Y 371.029
Na 588.995	-0.257786uv	mg/L	0.001312	0.5	179835	-0.257786 mg/L	Y 371.029
Na 589.592	-0.095435uv	mg/L	0.000336	0.4	66134.4	-0.095435 mg/L	Y 371.029
Ni 216.555	0.000660	mg/L	0.000388	58.7	3.69902	0.000660 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.001398	mg/L	0.000911	65.1	4.99026	0.001398 mg/L	Y 371.029
Ni 231.604	0.001015	mg/L	0.000548	54.1	8.93639	0.001015 mg/L	Y 371.029
P 177.434	-0.002708uv	mg/L	0.002785	102.9	2.35890	-0.002708 mg/L	Y 371.029
P 213.618	0.001342uv	mg/L	0.003264	243.3	3.59500	0.001342 mg/L	Y 371.029
P 214.914	0.013202	mg/L	0.004804	36.4	5.06846	0.013202 mg/L	Y 371.029
Pb 220.353	-0.000553uv	mg/L	0.001307	236.4	3.98933	-0.000553 mg/L	Y 371.029
Pb 261.417	0.002847uv	mg/L	0.004024	141.4	16.8602	0.002847 mg/L	Y 371.029
Pb 405.781	0.004622uv	mg/L	0.005080	109.9	63.3928	0.004622 mg/L	Y 371.029
Sb 206.834	0.057135	mg/L	0.001617	2.8	41.3457	0.057135 mg/L	Y 371.029
Sb 231.146	0.060627	mg/L	0.005412	8.9	32.0218	0.060627 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.011020	33.0	27.1939	uncal mg/L	Y 371.029
Se 196.026	0.013362	mg/L	0.002966	22.2	7.32080	0.013362 mg/L	Y 371.029
Se 203.985	0.005131uv	mg/L	0.004721	92.0	5.10376	0.005131 mg/L	Y 371.029
Si 250.690	-0.001769uv	mg/L	0.002693	152.3	44.5559	-0.001769 mg/L	Y 371.029
Si 251.611	0.003534	mg/L	0.001387	39.3	43.7533	0.003534 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001984	48.4	733.681	uncal mg/L	Y 371.029
Sn 189.927	-0.000080uv	mg/L	0.001716	2134.6	3.11582	-0.000080 mg/L	Y 371.029
Sn 283.998	-0.000743uv	mg/L	0.002555	343.9	13.1469	-0.000743 mg/L	Y 371.029
Sr 216.596	0.000720	mg/L	0.000330	45.8	18.8475	0.000720 mg/L	Y 371.029
Sr 407.771	-0.000026uv	mg/L	0.000005	18.4	5356.78	-0.000026 mg/L	Y 371.029
Sr 421.552	-0.000034uv	mg/L	0.000006	17.4	3220.29	-0.000034 mg/L	Y 371.029
Ti 334.941	0.002986	mg/L	0.001073	35.9	713.295	0.002986 mg/L	Y 371.029
Ti 336.122	0.003172	mg/L	0.000976	30.8	313.660	0.003172 mg/L	Y 371.029
Ti 337.280	0.003373	mg/L	0.001142	33.9	87.4970	0.003373 mg/L	Y 371.029
Tl 190.794	0.000613uv	mg/L	0.004162	678.7	2.64528	0.000613 mg/L	Y 371.029
Tl 190.807	0.011426	mg/L	0.004915	43.0	1.91266	0.011426 mg/L	Y 371.029
Tl 351.923	-0.010560uv	mg/L	0.004929	46.7	9.04496	-0.010560 mg/L	Y 371.029
V 268.796	0.001619	mg/L	0.001330	82.2	84.9359	0.001619 mg/L	Y 371.029
V 292.401	-0.000135uv	mg/L	0.000041	30.5	40.7991	-0.000135 mg/L	Y 371.029
V 311.837	0.000617	mg/L	0.000160	25.9	14.5741	0.000617 mg/L	Y 371.029
Zn 202.548	0.001846	mg/L	0.000211	11.5	629.687	0.001846 mg/L	Y 371.029
Zn 206.200	0.001810	mg/L	0.000388	21.4	203.662	0.001810 mg/L	Y 371.029
Zn 213.857	0.001130	mg/L	0.000378	33.5	1175.78	0.001130 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.998905	8010.00	35.334	0.4
Y 371.029	0.838968	138352	437.507	0.3

1118042-BLK1 (Samp) **4/27/2011, 12:49:46 PM** **Rack 1, Tube 10**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000832	mg/L	0.000302	36.4	514.836	0.000832 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001818	172.5	-1.20711	uncal mg/L	Y 371.029
Al 237.312	0.018524	mg/L	0.010730	57.9	71.0181	0.018524 mg/L	Y 371.029
Al 257.509	0.020368	mg/L	0.013566	66.6	30.3222	0.020368 mg/L	Y 371.029
Al 308.215	0.000781	mg/L	0.000252	32.3	1258.59	0.000781 mg/L	Y 371.029
As 188.980	0.002359	mg/L	0.001697	71.9	5.77849	0.002359 mg/L	Y 371.029
As 193.696	0.010196	mg/L	0.000546	5.4	5.80831	0.010196 mg/L	Y 371.029
As 228.812	0.003312	mg/L	0.003134	94.6	14.6695	0.003312 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.007616	mg/L	0.001914	25.1	7.24301	0.007616 mg/L	Y 371.029
B 249.678	0.003811	mg/L	0.000549	14.4	74.0672	0.003811 mg/L	Y 371.029
B 249.772	0.005235	mg/L	0.000280	5.3	150.679	0.005235 mg/L	Y 371.029
Ba 233.527	0.000346	mg/L	0.000036	10.5	188.069	0.000346 mg/L	Y 371.029
Ba 455.403	0.000135	mg/L	0.000010	7.2	4127.81	0.000135 mg/L	Y 371.029
Ba 493.408	0.000161	mg/L	0.000035	21.7	2561.82	0.000161 mg/L	Y 371.029
Be 234.861	0.000059	mg/L	0.000033	56.3	2.98330	0.000059 mg/L	Y 371.029
Be 313.042	0.000087	mg/L	0.000002	1.9	472.985	0.000087 mg/L	Y 371.029
Be 313.107	0.000097	mg/L	0.000009	9.6	156.140	0.000097 mg/L	Y 371.029
Ca 393.366	0.028051n	mg/L	0.000058	0.2	51362.0	0.028051 mg/L	Y 371.029
Ca 396.847	0.026591	mg/L	0.000476	1.8	81784.3	0.026591 mg/L	Y 371.029
Ca 430.253	-0.006867uv	mg/L	0.008547	124.5	1170.52	-0.006867 mg/L	Y 371.029
Cd 214.439	0.000381	mg/L	0.000141	37.1	7.40368	0.000381 mg/L	Y 371.029
Cd 226.502	0.000148	mg/L	0.000004	2.7	27.7908	0.000148 mg/L	Y 371.029
Cd 228.802	0.000386	mg/L	0.000342	88.6	22.5488	0.000386 mg/L	Y 371.029
Co 228.615	0.001468	mg/L	0.000169	11.5	10.2555	0.001468 mg/L	Y 371.029
Co 230.786	0.000413uv	mg/L	0.000466	112.8	8.54583	0.000413 mg/L	Y 371.029
Co 238.892	0.000575	mg/L	0.000275	47.8	7.20646	0.000575 mg/L	Y 371.029
Cr 205.560	0.002554	mg/L	0.000678	26.5	15.6078	0.002554 mg/L	Y 371.029
Cr 206.158	0.003811	mg/L	0.000038	1.0	7.73406	0.003811 mg/L	Y 371.029
Cr 267.716	0.002533	mg/L	0.000161	6.4	81.0152	0.002533 mg/L	Y 371.029
Cu 213.598	-0.000036uv	mg/L	0.000282	778.5	1.63500	-0.000036 mg/L	Y 371.029
Cu 324.754	-0.000178uv	mg/L	0.000416	233.0	339.856	-0.000178 mg/L	Y 371.029
Cu 327.395	0.000192uv	mg/L	0.000299	156.0	26.7036	0.000192 mg/L	Y 371.029
Fe 234.350	0.013950	mg/L	0.000272	1.9	134.738	0.013950 mg/L	Y 371.029
Fe 238.204	0.012965	mg/L	0.000681	5.3	273.334	0.012965 mg/L	Y 371.029
Fe 259.940	0.013129	mg/L	0.000763	5.8	248.523	0.013129 mg/L	Y 371.029
Ga 287.423	0.000132uv	mg/L	0.005340	4050.6	17.6145	0.000132 mg/L	Y 371.029
Ga 294.363	0.005754	mg/L	0.001344	23.3	38.6083	0.005754 mg/L	Y 371.029
Ga 417.204	-0.000835uv	mg/L	0.000844	101.2	105.114	-0.000835 mg/L	Y 371.029
K 766.491	0.017237	mg/L	0.000527	3.1	3209.68	0.017237 mg/L	Y 371.029
K 769.897	0.020108	mg/L	0.000509	2.5	13577.8	0.020108 mg/L	Y 371.029
Li 610.365	0.011000	mg/L	0.000278	2.5	-20.1606	0.011000 mg/L	Y 371.029
Li 670.783	-0.001743uv	mg/L	0.000020	1.2	61035.9	-0.001743 mg/L	Y 371.029
Mg 279.078	0.010147	mg/L	0.002529	24.9	29.9927	0.010147 mg/L	Y 371.029
Mg 280.270	0.008833	mg/L	0.000050	0.6	1173.51	0.008833 mg/L	Y 371.029
Mg 285.213	0.008920	mg/L	0.000052	0.6	376.768	0.008920 mg/L	Y 371.029
Mn 257.610	0.000341	mg/L	0.000098	28.7	67.5301	0.000341 mg/L	Y 371.029
Mn 259.372	0.000299	mg/L	0.000031	10.3	102.158	0.000299 mg/L	Y 371.029
Mn 260.568	0.000298	mg/L	0.000091	30.7	13.0259	0.000298 mg/L	Y 371.029
Mo 202.032	0.030203	mg/L	0.005697	18.9	123.545	0.030203 mg/L	Y 371.029
Mo 203.846	0.033825	mg/L	0.005458	16.1	52.0586	0.033825 mg/L	Y 371.029
Mo 204.598	0.030292	mg/L	0.005513	18.2	53.8318	0.030292 mg/L	Y 371.029
Na 568.821	0.561569	mg/L	0.128428	22.9	244.695	0.561569 mg/L	Y 371.029
Na 588.995	-0.254374uv	mg/L	0.000481	0.2	181752	-0.254374 mg/L	Y 371.029
Na 589.592	-0.092081uv	mg/L	0.000136	0.1	67147.6	-0.092081 mg/L	Y 371.029
Ni 216.555	0.001160	mg/L	0.000961	82.8	6.28644	0.001160 mg/L	Y 371.029
Ni 221.648	0.001482	mg/L	0.000867	58.5	5.17878	0.001482 mg/L	Y 371.029
Ni 231.604	0.000054uv	mg/L	0.000738	1370.5	5.75794	0.000054 mg/L	Y 371.029
P 177.434	0.016730	mg/L	0.001816	10.9	5.23976	0.016730 mg/L	Y 371.029
P 213.618	0.025310	mg/L	0.002963	11.7	19.2069	0.025310 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.009049	mg/L	0.010660	117.8	4.34315	0.009049 mg/L	Y 371.029
Pb 220.353	0.002835	mg/L	0.000400	14.1	7.67077	0.002835 mg/L	Y 371.029
Pb 261.417	0.010788uv	mg/L	0.011757	109.0	20.8011	0.010788 mg/L	Y 371.029
Pb 405.781	0.005588uv	mg/L	0.013119	234.8	64.5850	0.005588 mg/L	Y 371.029
Sb 206.834	0.040378	mg/L	0.014673	36.3	32.0581	0.040378 mg/L	Y 371.029
Sb 231.146	0.034732	mg/L	0.018223	52.5	21.4209	0.034732 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.032415	97.8	27.1574	uncal mg/L	Y 371.029
Se 196.026	0.020094	mg/L	0.004144	20.6	9.28546	0.020094 mg/L	Y 371.029
Se 203.985	0.011356	mg/L	0.008017	70.6	6.16638	0.011356 mg/L	Y 371.029
Si 250.690	0.040817	mg/L	0.004760	11.7	98.0091	0.040817 mg/L	Y 371.029
Si 251.611	0.040935	mg/L	0.002999	7.3	96.7276	0.040935 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002009	5.4	1037.73	uncal mg/L	Y 371.029
Sn 189.927	0.021498	mg/L	0.000361	1.7	9.51184	0.021498 mg/L	Y 371.029
Sn 283.998	0.023318	mg/L	0.001294	5.5	49.2492	0.023318 mg/L	Y 371.029
Sr 216.596	0.000426	mg/L	0.000323	75.9	16.5809	0.000426 mg/L	Y 371.029
Sr 407.771	0.000138	mg/L	0.000002	1.6	5770.82	0.000138 mg/L	Y 371.029
Sr 421.552	0.000119	mg/L	0.000011	9.2	3471.34	0.000119 mg/L	Y 371.029
Ti 334.941	0.003359	mg/L	0.000738	22.0	793.491	0.003359 mg/L	Y 371.029
Ti 336.122	0.003436	mg/L	0.000727	21.1	337.569	0.003436 mg/L	Y 371.029
Ti 337.280	0.003334	mg/L	0.000985	29.5	86.3641	0.003334 mg/L	Y 371.029
Tl 190.794	0.002446	mg/L	0.001509	61.7	3.27938	0.002446 mg/L	Y 371.029
Tl 190.807	0.016873	mg/L	0.005778	34.2	2.82964	0.016873 mg/L	Y 371.029
Tl 351.923	-0.007187uv	mg/L	0.002068	28.8	14.4036	-0.007187 mg/L	Y 371.029
V 268.796	0.000520	mg/L	0.000874	168.0	59.5523	0.000520 mg/L	Y 371.029
V 292.401	-0.000029uv	mg/L	0.000202	699.2	44.0793	-0.000029 mg/L	Y 371.029
V 311.837	0.000558	mg/L	0.000159	28.5	12.3223	0.000558 mg/L	Y 371.029
Zn 202.548	0.004865	mg/L	0.000336	6.9	655.900	0.004865 mg/L	Y 371.029
Zn 206.200	0.004943	mg/L	0.000698	14.1	212.692	0.004943 mg/L	Y 371.029
Zn 213.857	0.003652	mg/L	0.000101	2.8	1217.57	0.003652 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.972849	7801.06	25.395	0.3
Y 371.029	0.820310	135275	289.923	0.2

1118042-BS1 (Samp) **4/27/2011, 12:52:45 PM** **Rack 1, Tube 11**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.228658	mg/L	0.001172	0.5	11480.7	1.14329 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000288	0.1	638.889	uncal mg/L	Y 371.029
Al 237.312	41.2934	mg/L	0.224551	0.5	50750.5	206.467 mg/L	Y 371.029
Al 257.509	42.3388	mg/L	0.246817	0.6	24135.4	211.694 mg/L	Y 371.029
Al 308.215	41.2698	mg/L	0.284250	0.7	245712	206.349 mg/L	Y 371.029
As 188.980	0.555244	mg/L	0.005925	1.1	192.365	2.77622 mg/L	Y 371.029
As 193.696	0.537140	mg/L	0.005252	1.0	223.502	2.68570 mg/L	Y 371.029
As 228.812	0.745811	mg/L	0.013350	1.8	1171.53	3.72906 mg/L	Y 371.029
B 182.577	0.486712	mg/L	0.011792	2.4	208.773	2.43356 mg/L	Y 371.029
B 249.678	0.483899	mg/L	0.010739	2.2	4179.30	2.41950 mg/L	Y 371.029
B 249.772	0.468241	mg/L	0.011649	2.5	8476.26	2.34121 mg/L	Y 371.029
Ba 233.527	1.17861	mg/L	0.007137	0.6	45420.8	5.89304 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	1.15208	mg/L	0.005665	0.5	1012080	5.76040 mg/L	Y 371.029
Ba 493.408	1.14078	mg/L	0.006793	0.6	614183	5.70390 mg/L	Y 371.029
Be 234.861	0.523830	mg/L	0.004204	0.8	60544.6	2.61915 mg/L	Y 371.029
Be 313.042	0.536441	mg/L	0.006716	1.3	906094	2.68220 mg/L	Y 371.029
Be 313.107	0.539426	mg/L	0.006328	1.2	448852	2.69713 mg/L	Y 371.029
Ca 393.366	18.7867n	mg/L	0.168128	0.9	22062706	93.9335 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.393427	2.0	39108792	- mg/L	Y 371.029
Ca 430.253	22.9710	mg/L	0.123012	0.5	98951.8	114.855 mg/L	Y 371.029
Cd 214.439	0.323719	mg/L	0.002580	0.8	5993.84	1.61860 mg/L	Y 371.029
Cd 226.502	0.321000	mg/L	0.002589	0.8	11803.2	1.60500 mg/L	Y 371.029
Cd 228.802	0.324759	mg/L	0.002007	0.6	4465.05	1.62379 mg/L	Y 371.029
Co 228.615	0.325175	mg/L	0.003999	1.2	2988.87	1.62587 mg/L	Y 371.029
Co 230.786	0.323586	mg/L	0.002420	0.7	2110.28	1.61793 mg/L	Y 371.029
Co 238.892	0.247752	mg/L	0.003628	1.5	1056.07	1.23876 mg/L	Y 371.029
Cr 205.560	0.632997	mg/L	0.007797	1.2	2656.28	3.16498 mg/L	Y 371.029
Cr 206.158	0.634085	mg/L	0.007166	1.1	1071.48	3.17042 mg/L	Y 371.029
Cr 267.716	0.633330	mg/L	0.006767	1.1	14149.0	3.16665 mg/L	Y 371.029
Cu 213.598	0.707010	mg/L	0.005832	0.8	2872.43	3.53505 mg/L	Y 371.029
Cu 324.754	0.709207	mg/L	0.004667	0.7	23169.1	3.54604 mg/L	Y 371.029
Cu 327.395	0.701230	mg/L	0.003941	0.6	30494.9	3.50615 mg/L	Y 371.029
Fe 234.350	55.5503	mg/L	0.517199	0.9	479845	277.751 mg/L	Y 371.029
Fe 238.204	52.7180	mg/L	0.791329	1.5	938534	263.590 mg/L	Y 371.029
Fe 259.940	52.7474	mg/L	0.492368	0.9	774727	263.737 mg/L	Y 371.029
Ga 287.423	-0.125161	mg/L	0.001420	1.1	733.347	-0.625806 mg/L	Y 371.029
Ga 294.363	0.008359	mg/L	0.001498	17.9	117.682	0.041793 mg/L	Y 371.029
Ga 417.204	-0.002046	mg/L	0.002011	98.3	953.712	-0.010229 mg/L	Y 371.029
K 766.491	11.8310	mg/L	0.052065	0.4	813433	59.1548 mg/L	Y 371.029
K 769.897	11.6835	mg/L	0.048468	0.4	674711	58.4174 mg/L	Y 371.029
Li 610.365	0.022310	mg/L	0.000200	0.9	545.767	0.111552 mg/L	Y 371.029
Li 670.783	0.034467	mg/L	0.000314	0.9	191380	0.172334 mg/L	Y 371.029
Mg 279.078	12.3614	mg/L	0.080062	0.6	19925.8	61.8069 mg/L	Y 371.029
Mg 280.270	12.0022	mg/L	0.090588	0.8	1186025	60.0109 mg/L	Y 371.029
Mg 285.213	12.9749	mg/L	0.161138	1.2	459536	64.8745 mg/L	Y 371.029
Mn 257.610	1.12644	mg/L	0.008981	0.8	177466	5.63221 mg/L	Y 371.029
Mn 259.372	1.18250	mg/L	0.008861	0.7	138916	5.91250 mg/L	Y 371.029
Mn 260.568	1.21611	mg/L	0.005572	0.5	22830.6	6.08053 mg/L	Y 371.029
Mo 202.032	0.621316	mg/L	0.011431	1.8	2175.67	3.10658 mg/L	Y 371.029
Mo 203.846	0.600792	mg/L	0.012479	2.1	918.988	3.00396 mg/L	Y 371.029
Mo 204.598	0.619938	mg/L	0.005780	0.9	1080.96	3.09969 mg/L	Y 371.029
Na 568.821	2.09539	mg/L	0.083098	4.0	689.981	10.4769 mg/L	Y 371.029
Na 588.995	1.96018	mg/L	0.011071	0.6	1435872	9.80089 mg/L	Y 371.029
Na 589.592	1.89636	mg/L	0.009666	0.5	674843	9.48178 mg/L	Y 371.029
Ni 216.555	0.573847	mg/L	0.007539	1.3	3154.24	2.86923 mg/L	Y 371.029
Ni 221.648	0.562273	mg/L	0.005490	1.0	1225.58	2.81137 mg/L	Y 371.029
Ni 231.604	0.579419	mg/L	0.009604	1.7	2106.38	2.89710 mg/L	Y 371.029
P 177.434	2.08977	mg/L	0.024885	1.2	314.149	10.4488 mg/L	Y 371.029
P 213.618	2.10000	mg/L	0.028920	1.4	1394.60	10.5000 mg/L	Y 371.029
P 214.914	2.09117	mg/L	0.038509	1.8	370.942	10.4558 mg/L	Y 371.029
Pb 220.353	0.473854	mg/L	0.006809	1.4	519.759	2.36927 mg/L	Y 371.029
Pb 261.417	0.169355	mg/L	0.012883	7.6	94.1539	0.846775 mg/L	Y 371.029
Pb 405.781	0.409556	mg/L	0.006836	1.7	601.891	2.04778 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	0.404891	mg/L	0.000931	0.2	245.523	2.02446 mg/L	Y 371.029
Sb 231.146	0.384145	mg/L	0.016005	4.2	191.439	1.92072 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.067948	27.2	19.3662	uncal mg/L	Y 371.029
Se 196.026	0.178456	mg/L	0.011588	6.5	54.8010	0.892280 mg/L	Y 371.029
Se 203.985	0.185911	mg/L	0.008682	4.7	43.4831	0.929556 mg/L	Y 371.029
Si 250.690	5.37569	mg/L	0.017390	0.3	6841.84	26.8785 mg/L	Y 371.029
Si 251.611	5.30857	mg/L	0.018990	0.4	7670.59	26.5429 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.089319	1.7	39703.1	uncal mg/L	Y 371.029
Sn 189.927	0.645655	mg/L	0.005584	0.9	195.431	3.22828 mg/L	Y 371.029
Sn 283.998	0.595048	mg/L	0.008120	1.4	1502.58	2.97524 mg/L	Y 371.029
Sr 216.596	0.843754	mg/L	0.005794	0.7	6702.41	4.21877 mg/L	Y 371.029
Sr 407.771	0.813503	mg/L	0.010783	1.3	2050989	4.06751 mg/L	Y 371.029
Sr 421.552	0.817337	mg/L	0.009359	1.1	1338517	4.08669 mg/L	Y 371.029
Ti 334.941	1.32672	mg/L	0.010061	0.8	284969	6.63358 mg/L	Y 371.029
Ti 336.122	1.32415	mg/L	0.008635	0.7	119626	6.62076 mg/L	Y 371.029
Ti 337.280	1.32914	mg/L	0.012801	1.0	40781.6	6.64571 mg/L	Y 371.029
Tl 190.794	0.579276	mg/L	0.002365	0.4	203.794	2.89638 mg/L	Y 371.029
Tl 190.807	0.597997	mg/L	0.003895	0.7	103.651	2.98998 mg/L	Y 371.029
Tl 351.923	0.568739	mg/L	0.006652	1.2	928.243	2.84369 mg/L	Y 371.029
V 268.796	0.552038	mg/L	0.005987	1.1	5399.80	2.76019 mg/L	Y 371.029
V 292.401	0.550014	mg/L	0.006405	1.2	16916.4	2.75007 mg/L	Y 371.029
V 311.837	0.563690	mg/L	0.002886	0.5	23500.2	2.81845 mg/L	Y 371.029
Zn 202.548	0.801785	mg/L	0.007888	1.0	7731.11	4.00893 mg/L	Y 371.029
Zn 206.200	0.786854	mg/L	0.007618	1.0	2498.87	3.93427 mg/L	Y 371.029
Zn 213.857	0.786421	mg/L	0.012009	1.5	14486.9	3.93210 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01609	8147.78	37.376	0.5
Y 371.029	0.858068	141501	927.795	0.7

11D0945-01 (Samp) **4/27/2011, 12:56:58 PM** **Rack 1, Tube 12**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000326uv	mg/L	0.000442	135.5	460.526	-0.003261 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002182	100.9	2.02294	uncal mg/L	Y 371.029
Al 237.312	0.012322	mg/L	0.001640	13.3	64.2878	0.123220 mg/L	Y 371.029
Al 257.509	0.022575	mg/L	0.009842	43.6	31.7961	0.225751 mg/L	Y 371.029
Al 308.215	0.000840uv	mg/L	0.001324	157.6	1254.51	0.008398 mg/L	Y 371.029
As 188.980	0.007168	mg/L	0.001453	20.3	7.34258	0.071675 mg/L	Y 371.029
As 193.696	0.011283	mg/L	0.002405	21.3	6.22847	0.112835 mg/L	Y 371.029
As 228.812	-0.000411	mg/L	0.001175	286.1	11.4363	-0.004108 mg/L	Y 371.029
B 182.577	0.069904	mg/L	0.004530	6.5	33.2853	0.699043 mg/L	Y 371.029
B 249.678	0.043517	mg/L	0.002281	5.2	410.282	0.435170 mg/L	Y 371.029
B 249.772	0.043774	mg/L	0.001562	3.6	781.402	0.437739 mg/L	Y 371.029
Ba 233.527	0.006290	mg/L	0.000078	1.2	418.427	0.062898 mg/L	Y 371.029
Ba 455.403	0.006139	mg/L	0.000013	0.2	9428.25	0.061394 mg/L	Y 371.029
Ba 493.408	0.006206	mg/L	0.000029	0.5	5833.61	0.062058 mg/L	Y 371.029
Be 234.861	0.000068	mg/L	0.000004	5.5	2.97211	0.000681 mg/L	Y 371.029
Be 313.042	-0.000000uv	mg/L	0.000004	1926.9	328.346	-0.000002 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000011	mg/L	0.000006	55.7	85.7832	0.000110 mg/L	Y 371.029
Ca 393.366	0.893950n	mg/L	0.001042	0.1	1068015	8.93950 mg/L	Y 371.029
Ca 396.847	0.860129	mg/L	0.001042	0.1	1732463	8.60129 mg/L	Y 371.029
Ca 430.253	0.866011	mg/L	0.010576	1.2	4886.10	8.66011 mg/L	Y 371.029
Cd 214.439	0.000609	mg/L	0.000188	30.9	11.6445	0.006090 mg/L	Y 371.029
Cd 226.502	0.000186	mg/L	0.000112	60.6	30.1216	0.001857 mg/L	Y 371.029
Cd 228.802	0.000536	mg/L	0.000312	58.2	24.5922	0.005359 mg/L	Y 371.029
Co 228.615	0.001526	mg/L	0.000484	31.7	11.5588	0.015263 mg/L	Y 371.029
Co 230.786	-0.000387uv	mg/L	0.000182	47.1	4.52865	-0.003874 mg/L	Y 371.029
Co 238.892	0.000834	mg/L	0.000162	19.5	7.39145	0.008342 mg/L	Y 371.029
Cr 205.560	-0.000244uv	mg/L	0.000459	187.7	4.51948	-0.002444 mg/L	Y 371.029
Cr 206.158	0.000783	mg/L	0.000659	84.2	2.98258	0.007829 mg/L	Y 371.029
Cr 267.716	0.000479	mg/L	0.000153	31.9	38.0802	0.004794 mg/L	Y 371.029
Cu 213.598	0.031498	mg/L	0.003682	11.7	124.787	0.314975 mg/L	Y 371.029
Cu 324.754	0.014961	mg/L	0.000201	1.3	820.748	0.149610 mg/L	Y 371.029
Cu 327.395	0.015265	mg/L	0.000662	4.3	674.038	0.152655 mg/L	Y 371.029
Fe 234.350	0.257712	mg/L	0.000440	0.2	2250.88	2.57712 mg/L	Y 371.029
Fe 238.204	0.255228	mg/L	0.001941	0.8	4609.65	2.55228 mg/L	Y 371.029
Fe 259.940	0.252797	mg/L	0.001578	0.6	3771.08	2.52797 mg/L	Y 371.029
Ga 287.423	-0.001074uv	mg/L	0.006221	579.2	19.2873	-0.010740 mg/L	Y 371.029
Ga 294.363	0.003276	mg/L	0.000962	29.4	23.9331	0.032759 mg/L	Y 371.029
Ga 417.204	-0.001591uv	mg/L	0.000231	14.5	98.3893	-0.015908 mg/L	Y 371.029
K 766.491	52.6376	mg/L	0.048670	0.1	3609562	526.376 mg/L	Y 371.029
K 769.897	57.4325	mg/L	0.039114	0.1	3266434	574.325 mg/L	Y 371.029
Li 610.365	0.011259	mg/L	0.000210	1.9	-7.17848	0.112593 mg/L	Y 371.029
Li 670.783	-0.002171uv	mg/L	0.000029	1.3	60024.6	-0.021713 mg/L	Y 371.029
Mg 279.078	2.97758	mg/L	0.002516	0.1	4804.75	29.7758 mg/L	Y 371.029
Mg 280.270	3.00002	mg/L	0.026285	0.9	296582	30.0002 mg/L	Y 371.029
Mg 285.213	2.95378	mg/L	0.028738	1.0	104645	29.5378 mg/L	Y 371.029
Mn 257.610	0.041504	mg/L	0.000061	0.1	6009.42	0.415035 mg/L	Y 371.029
Mn 259.372	0.040916	mg/L	0.000254	0.6	4529.64	0.409164 mg/L	Y 371.029
Mn 260.568	0.040524	mg/L	0.000235	0.6	770.250	0.405236 mg/L	Y 371.029
Mo 202.032	0.018407	mg/L	0.004066	22.1	83.2667	0.184066 mg/L	Y 371.029
Mo 203.846	0.021350	mg/L	0.005272	24.7	33.4329	0.213502 mg/L	Y 371.029
Mo 204.598	0.019941	mg/L	0.004717	23.7	36.2653	0.199411 mg/L	Y 371.029
Na 568.821	0.733347	mg/L	0.015912	2.2	291.172	7.33347 mg/L	Y 371.029
Na 588.995	0.117075	mg/L	0.004550	3.9	390416	1.17075 mg/L	Y 371.029
Na 589.592	0.251695	mg/L	0.000279	0.1	171035	2.51695 mg/L	Y 371.029
Ni 216.555	0.002248	mg/L	0.000482	21.4	13.0450	0.022481 mg/L	Y 371.029
Ni 221.648	0.002113	mg/L	0.000600	28.4	6.93360	0.021125 mg/L	Y 371.029
Ni 231.604	0.002508	mg/L	0.000297	11.9	15.3018	0.025083 mg/L	Y 371.029
P 177.434	21.9789	mg/L	0.024503	0.1	3259.31	219.789 mg/L	Y 371.029
P 213.618	22.1683	mg/L	0.441552	2.0	14449.4	221.683 mg/L	Y 371.029
P 214.914	22.4911	mg/L	0.070612	0.3	3820.39	224.911 mg/L	Y 371.029
Pb 220.353	0.000605uv	mg/L	0.002671	441.3	5.32231	0.006052 mg/L	Y 371.029
Pb 261.417	0.002294uv	mg/L	0.002355	102.6	16.4340	0.022938 mg/L	Y 371.029
Pb 405.781	0.003399uv	mg/L	0.006299	185.3	63.1151	0.033993 mg/L	Y 371.029
Sb 206.834	-0.003889uv	mg/L	0.003551	91.3	7.61993	-0.038895 mg/L	Y 371.029
Sb 231.146	-0.007906uv	mg/L	0.004176	52.8	4.11283	-0.079062 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.003713	8.5	4.77243	uncal mg/L	Y 371.029
Se 196.026	0.005822	mg/L	0.003702	63.6	5.12816	0.058216 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.001368uv	mg/L	0.009540	697.4	4.44171	0.013680 mg/L	Y 371.029
Si 250.690	0.018846	mg/L	0.001693	9.0	70.7843	0.188463 mg/L	Y 371.029
Si 251.611	0.020244	mg/L	0.001797	8.9	68.8918	0.202441 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001320	9.3	873.738	uncal mg/L	Y 371.029
Sn 189.927	-0.000268uv	mg/L	0.000357	133.2	3.07360	-0.002682 mg/L	Y 371.029
Sn 283.998	-0.003702uv	mg/L	0.000670	18.1	9.68211	-0.037024 mg/L	Y 371.029
Sr 216.596	0.004190	mg/L	0.000219	5.2	46.5968	0.041902 mg/L	Y 371.029
Sr 407.771	0.003767	mg/L	0.000006	0.2	14945.6	0.037675 mg/L	Y 371.029
Sr 421.552	0.003777	mg/L	0.000012	0.3	9480.62	0.037771 mg/L	Y 371.029
Ti 334.941	0.001981	mg/L	0.000553	27.9	507.225	0.019815 mg/L	Y 371.029
Ti 336.122	0.001917	mg/L	0.000508	26.5	203.794	0.019166 mg/L	Y 371.029
Ti 337.280	0.002180	mg/L	0.000832	38.2	52.5942	0.021804 mg/L	Y 371.029
Tl 190.794	-0.004442uv	mg/L	0.002880	64.8	0.948240	-0.044424 mg/L	Y 371.029
Tl 190.807	0.013110	mg/L	0.004916	37.5	2.11104	0.131096 mg/L	Y 371.029
Tl 351.923	-0.009588uv	mg/L	0.002292	23.9	10.5603	-0.095882 mg/L	Y 371.029
V 268.796	0.001094	mg/L	0.000457	41.8	51.5133	0.010939 mg/L	Y 371.029
V 292.401	-0.000161uv	mg/L	0.000198	122.8	41.8875	-0.001614 mg/L	Y 371.029
V 311.837	0.000397	mg/L	0.000116	29.2	6.68444	0.003973 mg/L	Y 371.029
Zn 202.548	0.095924	mg/L	0.001533	1.6	1452.60	0.959243 mg/L	Y 371.029
Zn 206.200	0.095480	mg/L	0.000313	0.3	475.497	0.954798 mg/L	Y 371.029
Zn 213.857	0.095530	mg/L	0.000423	0.4	2747.12	0.955295 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01792	8162.52	3.145	0.0
Y 371.029	0.856862	141302	116.016	0.1

1118042-DUP1 (Samp) **4/27/2011, 1:00:44 PM** **Rack 1, Tube 13**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000099uv	mg/L	0.000615	624.3	471.362	-0.000985 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001428	75.7	1.24478	uncal mg/L	Y 371.029
Al 237.312	0.010703	mg/L	0.006281	58.7	62.1865	0.107033 mg/L	Y 371.029
Al 257.509	0.018088	mg/L	0.011589	64.1	29.2368	0.180881 mg/L	Y 371.029
Al 308.215	-0.000011uv	mg/L	0.000406	3683.8	1249.47	-0.000110 mg/L	Y 371.029
As 188.980	0.007875	mg/L	0.002684	34.1	7.58668	0.078747 mg/L	Y 371.029
As 193.696	0.005399	mg/L	0.004204	77.9	3.81242	0.053994 mg/L	Y 371.029
As 228.812	0.001556uv	mg/L	0.007156	460.0	13.1636	0.015557 mg/L	Y 371.029
B 182.577	0.058071	mg/L	0.001949	3.4	28.3399	0.580705 mg/L	Y 371.029
B 249.678	0.032576	mg/L	0.001095	3.4	317.764	0.325763 mg/L	Y 371.029
B 249.772	0.033417	mg/L	0.000452	1.4	612.064	0.334166 mg/L	Y 371.029
Ba 233.527	0.005537	mg/L	0.000053	1.0	389.188	0.055367 mg/L	Y 371.029
Ba 455.403	0.005264	mg/L	0.000042	0.8	8655.04	0.052636 mg/L	Y 371.029
Ba 493.408	0.005297	mg/L	0.000013	0.3	5342.10	0.052975 mg/L	Y 371.029
Be 234.861	0.000073	mg/L	0.000014	18.6	3.81695	0.000729 mg/L	Y 371.029
Be 313.042	0.000011	mg/L	0.000008	70.6	348.005	0.000113 mg/L	Y 371.029
Be 313.107	0.000015	mg/L	0.000012	74.9	89.3146	0.000154 mg/L	Y 371.029
Ca 393.366	0.770929n	mg/L	0.005061	0.7	923580	7.70929 mg/L	Y 371.029
Ca 396.847	0.741124	mg/L	0.004976	0.7	1496795	7.41124 mg/L	Y 371.029
Ca 430.253	0.761937	mg/L	0.009547	1.3	4443.11	7.61937 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.000365	mg/L	0.000070	19.2	7.12872	0.003651 mg/L	Y 371.029
Cd 226.502	0.000140	mg/L	0.000048	34.1	28.2908	0.001403 mg/L	Y 371.029
Cd 228.802	0.000524	mg/L	0.000093	17.8	24.4352	0.005244 mg/L	Y 371.029
Co 228.615	0.001712	mg/L	0.000722	42.2	12.9297	0.017118 mg/L	Y 371.029
Co 230.786	-0.000572uv	mg/L	0.000226	39.5	3.20255	-0.005725 mg/L	Y 371.029
Co 238.892	0.000336uv	mg/L	0.000588	174.9	4.92546	0.003364 mg/L	Y 371.029
Cr 205.560	-0.000216uv	mg/L	0.000349	161.9	4.58095	-0.002159 mg/L	Y 371.029
Cr 206.158	0.000749	mg/L	0.000577	77.0	2.89931	0.007489 mg/L	Y 371.029
Cr 267.716	0.000317	mg/L	0.000027	8.6	34.3104	0.003172 mg/L	Y 371.029
Cu 213.598	0.031024	mg/L	0.004676	15.1	122.703	0.310240 mg/L	Y 371.029
Cu 324.754	0.017582	mg/L	0.000313	1.8	904.290	0.175821 mg/L	Y 371.029
Cu 327.395	0.018706	mg/L	0.000807	4.3	819.641	0.187063 mg/L	Y 371.029
Fe 234.350	0.198595	mg/L	0.001836	0.9	1739.28	1.98595 mg/L	Y 371.029
Fe 238.204	0.195605	mg/L	0.003044	1.6	3546.20	1.95605 mg/L	Y 371.029
Fe 259.940	0.193940	mg/L	0.003374	1.7	2907.36	1.93940 mg/L	Y 371.029
Ga 287.423	-0.000183uv	mg/L	0.003442	1885.7	20.2209	-0.001825 mg/L	Y 371.029
Ga 294.363	0.004372	mg/L	0.000455	10.4	30.4182	0.043721 mg/L	Y 371.029
Ga 417.204	-0.002646uv	mg/L	0.001769	66.8	88.9444	-0.026459 mg/L	Y 371.029
K 766.491	46.1359	mg/L	0.334763	0.7	3163968	461.359 mg/L	Y 371.029
K 769.897	49.7343	mg/L	0.349102	0.7	2830272	497.343 mg/L	Y 371.029
Li 610.365	0.011116	mg/L	0.000109	1.0	-14.3650	0.111157 mg/L	Y 371.029
Li 670.783	-0.002169uv	mg/L	0.000064	3.0	59968.8	-0.021691 mg/L	Y 371.029
Mg 279.078	2.54610	mg/L	0.015334	0.6	4110.49	25.4610 mg/L	Y 371.029
Mg 280.270	2.58433	mg/L	0.035391	1.4	255528	25.8433 mg/L	Y 371.029
Mg 285.213	2.52392	mg/L	0.025831	1.0	89425.0	25.2392 mg/L	Y 371.029
Mn 257.610	0.035610	mg/L	0.000483	1.4	5157.63	0.356103 mg/L	Y 371.029
Mn 259.372	0.035230	mg/L	0.000306	0.9	3899.35	0.352304 mg/L	Y 371.029
Mn 260.568	0.034822	mg/L	0.000266	0.8	662.832	0.348222 mg/L	Y 371.029
Mo 202.032	0.009129	mg/L	0.001994	21.8	52.1320	0.091289 mg/L	Y 371.029
Mo 203.846	0.011850	mg/L	0.001123	9.5	19.5136	0.118504 mg/L	Y 371.029
Mo 204.598	0.009750	mg/L	0.002986	30.6	19.1883	0.097502 mg/L	Y 371.029
Na 568.821	0.856867	mg/L	0.095038	11.1	322.868	8.56867 mg/L	Y 371.029
Na 588.995	0.068111	mg/L	0.004858	7.1	362902	0.681111 mg/L	Y 371.029
Na 589.592	0.202395	mg/L	0.002447	1.2	156135	2.02395 mg/L	Y 371.029
Ni 216.555	0.003004	mg/L	0.000270	9.0	16.5767	0.030042 mg/L	Y 371.029
Ni 221.648	0.001739	mg/L	0.000474	27.2	6.07505	0.017391 mg/L	Y 371.029
Ni 231.604	0.002251	mg/L	0.000856	38.0	14.1818	0.022514 mg/L	Y 371.029
P 177.434	18.7359	mg/L	0.150198	0.8	2778.80	187.359 mg/L	Y 371.029
P 213.618	19.1143	mg/L	0.871709	4.6	12459.1	191.143 mg/L	Y 371.029
P 214.914	19.3225	mg/L	0.214245	1.1	3282.54	193.225 mg/L	Y 371.029
Pb 220.353	0.003134	mg/L	0.000262	8.4	8.05888	0.031338 mg/L	Y 371.029
Pb 261.417	0.006303	mg/L	0.004254	67.5	18.4642	0.063030 mg/L	Y 371.029
Pb 405.781	0.008822	mg/L	0.008313	94.2	69.7239	0.088224 mg/L	Y 371.029
Sb 206.834	-0.001426uv	mg/L	0.002748	192.7	8.97255	-0.014263 mg/L	Y 371.029
Sb 231.146	-0.007734uv	mg/L	0.003488	45.1	4.14605	-0.077343 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.006497	16.4	5.91581	uncal mg/L	Y 371.029
Se 196.026	0.005574	mg/L	0.003552	63.7	5.05405	0.055742 mg/L	Y 371.029
Se 203.985	0.003195	mg/L	0.002992	93.6	4.74768	0.031951 mg/L	Y 371.029
Si 250.690	0.016198	mg/L	0.002501	15.4	67.4130	0.161976 mg/L	Y 371.029
Si 251.611	0.017486	mg/L	0.000702	4.0	64.5934	0.174859 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001259	12.2	844.237	uncal mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.002840	mg/L	0.003332	117.3	3.99358	0.028399 mg/L	Y 371.029
Sn 283.998	0.001177uv	mg/L	0.002775	235.8	16.2639	0.011766 mg/L	Y 371.029
Sr 216.596	0.003762	mg/L	0.000140	3.7	43.1248	0.037617 mg/L	Y 371.029
Sr 407.771	0.003253	mg/L	0.000026	0.8	13644.1	0.032526 mg/L	Y 371.029
Sr 421.552	0.003263	mg/L	0.000022	0.7	8635.44	0.032627 mg/L	Y 371.029
Ti 334.941	0.001128	mg/L	0.000436	38.7	323.676	0.011283 mg/L	Y 371.029
Ti 336.122	0.001127	mg/L	0.000414	36.8	132.327	0.011266 mg/L	Y 371.029
Ti 337.280	0.001202	mg/L	0.000306	25.5	22.4729	0.012023 mg/L	Y 371.029
Tl 190.794	0.001974	mg/L	0.001082	54.8	3.15453	0.019741 mg/L	Y 371.029
Tl 190.807	0.015557	mg/L	0.004686	30.1	2.52587	0.155574 mg/L	Y 371.029
Tl 351.923	-0.006524uv	mg/L	0.003319	50.9	15.4238	-0.065243 mg/L	Y 371.029
V 268.796	0.001021	mg/L	0.000716	70.2	40.8442	0.010208 mg/L	Y 371.029
V 292.401	-0.000320uv	mg/L	0.000251	78.4	36.7855	-0.003203 mg/L	Y 371.029
V 311.837	0.000471	mg/L	0.000131	27.7	9.40229	0.004710 mg/L	Y 371.029
Zn 202.548	0.085551	mg/L	0.000902	1.1	1362.09	0.855511 mg/L	Y 371.029
Zn 206.200	0.084133	mg/L	0.001074	1.3	442.556	0.841328 mg/L	Y 371.029
Zn 213.857	0.084653	mg/L	0.000693	0.8	2566.02	0.846533 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00989	8098.09	74.176	0.9
Y 371.029	0.853094	140681	1188.963	0.8

1118042-MS1 (Samp) **4/27/2011, 1:04:31 PM** **Rack 1, Tube 14**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.047850	mg/L	0.000265	0.6	2774.17	0.478499 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002059	4.9	115.451	uncal mg/L	Y 371.029
Al 237.312	0.487691	mg/L	0.002027	0.4	648.402	4.87691 mg/L	Y 371.029
Al 257.509	0.486055	mg/L	0.009123	1.9	295.645	4.86055 mg/L	Y 371.029
Al 308.215	0.480791	mg/L	0.002850	0.6	4103.55	4.80791 mg/L	Y 371.029
As 188.980	0.101168	mg/L	0.002922	2.9	38.9930	1.01168 mg/L	Y 371.029
As 193.696	0.102793	mg/L	0.005218	5.1	43.8378	1.02793 mg/L	Y 371.029
As 228.812	0.192301	mg/L	0.002357	1.2	328.798	1.92301 mg/L	Y 371.029
B 182.577	0.149963	mg/L	0.003581	2.4	66.7608	1.49963 mg/L	Y 371.029
B 249.678	0.129194	mg/L	0.002059	1.6	1136.04	1.29194 mg/L	Y 371.029
B 249.772	0.129077	mg/L	0.001104	0.9	2176.25	1.29077 mg/L	Y 371.029
Ba 233.527	0.103088	mg/L	0.000375	0.4	4130.99	1.03088 mg/L	Y 371.029
Ba 455.403	0.101276	mg/L	0.000118	0.1	92623.8	1.01276 mg/L	Y 371.029
Ba 493.408	0.102930	mg/L	0.000075	0.1	57653.4	1.02930 mg/L	Y 371.029
Be 234.861	0.094404	mg/L	0.000389	0.4	10958.3	0.944045 mg/L	Y 371.029
Be 313.042	0.096634	mg/L	0.000211	0.2	163493	0.966342 mg/L	Y 371.029
Be 313.107	0.096991	mg/L	0.000070	0.1	80767.7	0.969914 mg/L	Y 371.029
Ca 393.366	1.76985n	mg/L	0.005224	0.3	2095881	17.6985 mg/L	Y 371.029
Ca 396.847	1.71426	mg/L	0.003810	0.2	3423235	17.1426 mg/L	Y 371.029
Ca 430.253	1.67733	mg/L	0.013698	0.8	8338.39	16.7733 mg/L	Y 371.029
Cd 214.439	0.094527	mg/L	0.000480	0.5	1748.44	0.945273 mg/L	Y 371.029
Cd 226.502	0.094802	mg/L	0.000197	0.2	3464.50	0.948020 mg/L	Y 371.029
Cd 228.802	0.094729	mg/L	0.000737	0.8	1315.72	0.947286 mg/L	Y 371.029
Co 228.615	0.097101	mg/L	0.000295	0.3	829.951	0.971014 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.097358	mg/L	0.000278	0.3	592.306	0.973585 mg/L	Y 371.029
Co 238.892	0.092324	mg/L	0.000765	0.8	520.122	0.923242 mg/L	Y 371.029
Cr 205.560	0.092881	mg/L	0.000681	0.7	382.381	0.928812 mg/L	Y 371.029
Cr 206.158	0.094547	mg/L	0.000775	0.8	156.135	0.945473 mg/L	Y 371.029
Cr 267.716	0.095764	mg/L	0.000097	0.1	2096.80	0.957641 mg/L	Y 371.029
Cu 213.598	0.120494	mg/L	0.001249	1.0	472.519	1.20494 mg/L	Y 371.029
Cu 324.754	0.105313	mg/L	0.000344	0.3	3696.29	1.05313 mg/L	Y 371.029
Cu 327.395	0.105785	mg/L	0.000219	0.2	4534.68	1.05785 mg/L	Y 371.029
Fe 234.350	0.714975	mg/L	0.001387	0.2	6223.91	7.14975 mg/L	Y 371.029
Fe 238.204	0.710311	mg/L	0.004517	0.6	12740.9	7.10311 mg/L	Y 371.029
Fe 259.940	0.697808	mg/L	0.008127	1.2	10327.9	6.97808 mg/L	Y 371.029
Ga 287.423	0.091256	mg/L	0.003341	3.7	232.544	0.912564 mg/L	Y 371.029
Ga 294.363	0.093302	mg/L	0.000497	0.5	561.865	0.933016 mg/L	Y 371.029
Ga 417.204	0.089361	mg/L	0.001126	1.3	908.934	0.893612 mg/L	Y 371.029
K 766.491	48.0613	mg/L	0.135394	0.3	3295927	480.613 mg/L	Y 371.029
K 769.897	51.9733	mg/L	0.094995	0.2	2957128	519.733 mg/L	Y 371.029
Li 610.365	0.073068	mg/L	0.000376	0.5	3085.44	0.730683 mg/L	Y 371.029
Li 670.783	0.100721	mg/L	0.000128	0.1	414404	1.00721 mg/L	Y 371.029
Mg 279.078	3.60226	mg/L	0.002668	0.1	5809.89	36.0226 mg/L	Y 371.029
Mg 280.270	3.64210	mg/L	0.048289	1.3	359994	36.4210 mg/L	Y 371.029
Mg 285.213	3.57445	mg/L	0.045806	1.3	126621	35.7445 mg/L	Y 371.029
Mn 257.610	0.131253	mg/L	0.001296	1.0	19135.4	1.31253 mg/L	Y 371.029
Mn 259.372	0.130480	mg/L	0.001347	1.0	14311.0	1.30480 mg/L	Y 371.029
Mn 260.568	0.132485	mg/L	0.000562	0.4	2469.50	1.32485 mg/L	Y 371.029
Mo 202.032	0.111057	mg/L	0.002522	2.3	399.508	1.11057 mg/L	Y 371.029
Mo 203.846	0.109942	mg/L	0.001736	1.6	165.608	1.09942 mg/L	Y 371.029
Mo 204.598	0.110784	mg/L	0.002173	2.0	191.010	1.10784 mg/L	Y 371.029
Na 568.821	1.55448	mg/L	0.127116	8.2	506.544	15.5448 mg/L	Y 371.029
Na 588.995	1.13560	mg/L	0.004317	0.4	962289	11.3560 mg/L	Y 371.029
Na 589.592	1.16516	mg/L	0.003703	0.3	446755	11.6516 mg/L	Y 371.029
Ni 216.555	0.096443	mg/L	0.000550	0.6	490.832	0.964429 mg/L	Y 371.029
Ni 221.648	0.095782	mg/L	0.000342	0.4	195.315	0.957822 mg/L	Y 371.029
Ni 231.604	0.098223	mg/L	0.000483	0.5	337.302	0.982231 mg/L	Y 371.029
P 177.434	19.3976	mg/L	0.041431	0.2	2876.84	193.976 mg/L	Y 371.029
P 213.618	19.5913	mg/L	0.192672	1.0	12772.9	195.913 mg/L	Y 371.029
P 214.914	19.9051	mg/L	0.048493	0.2	3382.64	199.051 mg/L	Y 371.029
Pb 220.353	0.095345	mg/L	0.002053	2.2	108.284	0.953448 mg/L	Y 371.029
Pb 261.417	0.054371	mg/L	0.010675	19.6	42.1677	0.543713 mg/L	Y 371.029
Pb 405.781	0.091247	mg/L	0.007009	7.7	174.631	0.912471 mg/L	Y 371.029
Sb 206.834	0.108051	mg/L	0.001055	1.0	70.2529	1.08051 mg/L	Y 371.029
Sb 231.146	0.116140	mg/L	0.010533	9.1	55.3846	1.16140 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.029549	48.3	36.2431	uncal mg/L	Y 371.029
Se 196.026	0.099570	mg/L	0.006116	6.1	32.5417	0.995696 mg/L	Y 371.029
Se 203.985	0.091189	mg/L	0.003745	4.1	20.5439	0.911889 mg/L	Y 371.029
Si 250.690	0.103308	mg/L	0.003274	3.2	178.374	1.03308 mg/L	Y 371.029
Si 251.611	0.106365	mg/L	0.000995	0.9	194.682	1.06365 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001523	1.5	1528.72	uncal mg/L	Y 371.029
Sn 189.927	0.085663	mg/L	0.001778	2.1	28.5615	0.856628 mg/L	Y 371.029
Sn 283.998	0.086517	mg/L	0.004797	5.5	228.946	0.865173 mg/L	Y 371.029
Sr 216.596	0.102455	mg/L	0.000667	0.7	815.429	1.02455 mg/L	Y 371.029
Sr 407.771	0.101589	mg/L	0.000271	0.3	260793	1.01589 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.101776	mg/L	0.000324	0.3	169481	1.01776 mg/L	Y 371.029
Ti 334.941	0.087401	mg/L	0.000763	0.9	18779.4	0.874009 mg/L	Y 371.029
Ti 336.122	0.087225	mg/L	0.000705	0.8	7880.62	0.872246 mg/L	Y 371.029
Ti 337.280	0.086571	mg/L	0.000623	0.7	2634.17	0.865706 mg/L	Y 371.029
Tl 190.794	0.091312	mg/L	0.007033	7.7	34.1246	0.913121 mg/L	Y 371.029
Tl 190.807	0.095591	mg/L	0.010048	10.5	16.4768	0.955906 mg/L	Y 371.029
Tl 351.923	0.086127	mg/L	0.003608	4.2	162.748	0.861273 mg/L	Y 371.029
V 268.796	0.095949	mg/L	0.000376	0.4	940.185	0.959494 mg/L	Y 371.029
V 292.401	0.095964	mg/L	0.000558	0.6	2912.15	0.959645 mg/L	Y 371.029
V 311.837	0.094524	mg/L	0.000266	0.3	3849.59	0.945238 mg/L	Y 371.029
Zn 202.548	0.179634	mg/L	0.000820	0.5	2190.65	1.79634 mg/L	Y 371.029
Zn 206.200	0.176420	mg/L	0.000018	0.0	710.173	1.76420 mg/L	Y 371.029
Zn 213.857	0.177884	mg/L	0.001165	0.7	4127.72	1.77884 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01080	8105.39	81.965	1.0
Y 371.029	0.854143	140854	1301.548	0.9

1118042-MSD1 (Samp) **4/27/2011, 1:08:18 PM** **Rack 1, Tube 15**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.047148	mg/L	0.000122	0.3	2740.55	0.471480 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002257	5.9	103.731	uncal mg/L	Y 371.029
Al 237.312	0.480921	mg/L	0.002463	0.5	640.021	4.80921 mg/L	Y 371.029
Al 257.509	0.480342	mg/L	0.012944	2.7	292.397	4.80342 mg/L	Y 371.029
Al 308.215	0.473692	mg/L	0.001258	0.3	4061.54	4.73692 mg/L	Y 371.029
As 188.980	0.097403	mg/L	0.003507	3.6	37.7228	0.974034 mg/L	Y 371.029
As 193.696	0.100914	mg/L	0.000731	0.7	43.0651	1.00914 mg/L	Y 371.029
As 228.812	0.163944	mg/L	0.003807	2.3	301.725	1.63944 mg/L	Y 371.029
B 182.577	0.147123	mg/L	0.000745	0.5	65.5718	1.47123 mg/L	Y 371.029
B 249.678	0.125668	mg/L	0.001224	1.0	1106.19	1.25668 mg/L	Y 371.029
B 249.772	0.125058	mg/L	0.000779	0.6	2110.50	1.25058 mg/L	Y 371.029
Ba 233.527	0.101196	mg/L	0.000553	0.5	4058.27	1.01196 mg/L	Y 371.029
Ba 455.403	0.099559	mg/L	0.000151	0.2	91117.9	0.995585 mg/L	Y 371.029
Ba 493.408	0.101189	mg/L	0.000116	0.1	56717.9	1.01189 mg/L	Y 371.029
Be 234.861	0.093261	mg/L	0.000181	0.2	10825.7	0.932615 mg/L	Y 371.029
Be 313.042	0.095427	mg/L	0.000394	0.4	161454	0.954271 mg/L	Y 371.029
Be 313.107	0.095706	mg/L	0.000486	0.5	79697.9	0.957055 mg/L	Y 371.029
Ca 393.366	1.70092n	mg/L	0.003252	0.2	2014958	17.0092 mg/L	Y 371.029
Ca 396.847	1.64601	mg/L	0.002550	0.2	3288083	16.4601 mg/L	Y 371.029
Ca 430.253	1.61818	mg/L	0.007632	0.5	8086.79	16.1818 mg/L	Y 371.029
Cd 214.439	0.093106	mg/L	0.000614	0.7	1722.15	0.931058 mg/L	Y 371.029
Cd 226.502	0.093687	mg/L	0.000370	0.4	3423.96	0.936870 mg/L	Y 371.029
Cd 228.802	0.093250	mg/L	0.000233	0.2	1295.45	0.932498 mg/L	Y 371.029
Co 228.615	0.095836	mg/L	0.000667	0.7	819.011	0.958362 mg/L	Y 371.029
Co 230.786	0.097038	mg/L	0.000773	0.8	590.303	0.970382 mg/L	Y 371.029
Co 238.892	0.091653	mg/L	0.000258	0.3	516.479	0.916529 mg/L	Y 371.029
Cr 205.560	0.092148	mg/L	0.000481	0.5	379.384	0.921482 mg/L	Y 371.029
Cr 206.158	0.093233	mg/L	0.000941	1.0	153.979	0.932333 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.094397	mg/L	0.000164	0.2	2067.17	0.943967 mg/L	Y 371.029
Cu 213.598	0.121006	mg/L	0.003018	2.5	474.442	1.21006 mg/L	Y 371.029
Cu 324.754	0.107001	mg/L	0.000170	0.2	3750.18	1.07001 mg/L	Y 371.029
Cu 327.395	0.107897	mg/L	0.000299	0.3	4624.20	1.07897 mg/L	Y 371.029
Fe 234.350	0.689777	mg/L	0.001575	0.2	6005.20	6.89777 mg/L	Y 371.029
Fe 238.204	0.682068	mg/L	0.007435	1.1	12236.4	6.82068 mg/L	Y 371.029
Fe 259.940	0.681203	mg/L	0.008006	1.2	10083.4	6.81203 mg/L	Y 371.029
Ga 287.423	0.089505	mg/L	0.005591	6.2	228.239	0.895054 mg/L	Y 371.029
Ga 294.363	0.092968	mg/L	0.000537	0.6	559.853	0.929680 mg/L	Y 371.029
Ga 417.204	0.087546	mg/L	0.000496	0.6	892.601	0.875465 mg/L	Y 371.029
K 766.491	44.6642	mg/L	0.031343	0.1	3063106	446.642 mg/L	Y 371.029
K 769.897	47.9536	mg/L	0.051846	0.1	2729376	479.536 mg/L	Y 371.029
Li 610.365	0.072982	mg/L	0.000807	1.1	3081.12	0.729821 mg/L	Y 371.029
Li 670.783	0.099788	mg/L	0.000067	0.1	411156	0.997876 mg/L	Y 371.029
Mg 279.078	3.35722	mg/L	0.001074	0.0	5415.62	33.5722 mg/L	Y 371.029
Mg 280.270	3.42146	mg/L	0.017147	0.5	338203	34.2146 mg/L	Y 371.029
Mg 285.213	3.34635	mg/L	0.056782	1.7	118545	33.4635 mg/L	Y 371.029
Mn 257.610	0.128908	mg/L	0.000716	0.6	18794.2	1.28908 mg/L	Y 371.029
Mn 259.372	0.128612	mg/L	0.001140	0.9	14103.1	1.28612 mg/L	Y 371.029
Mn 260.568	0.127823	mg/L	0.000576	0.5	2382.26	1.27823 mg/L	Y 371.029
Mo 202.032	0.108925	mg/L	0.001607	1.5	392.579	1.08925 mg/L	Y 371.029
Mo 203.846	0.109540	mg/L	0.001004	0.9	165.150	1.09540 mg/L	Y 371.029
Mo 204.598	0.109419	mg/L	0.001932	1.8	188.853	1.09419 mg/L	Y 371.029
Na 568.821	1.70036	mg/L	0.109868	6.5	544.189	17.0036 mg/L	Y 371.029
Na 588.995	1.10701	mg/L	0.002568	0.2	946223	11.0701 mg/L	Y 371.029
Na 589.592	1.12537	mg/L	0.000995	0.1	434739	11.2537 mg/L	Y 371.029
Ni 216.555	0.096217	mg/L	0.000679	0.7	489.562	0.962166 mg/L	Y 371.029
Ni 221.648	0.094265	mg/L	0.000612	0.6	192.228	0.942647 mg/L	Y 371.029
Ni 231.604	0.096539	mg/L	0.000261	0.3	331.536	0.965390 mg/L	Y 371.029
P 177.434	17.6986	mg/L	0.063038	0.4	2625.10	176.986 mg/L	Y 371.029
P 213.618	18.1326	mg/L	0.162688	0.9	11822.2	181.326 mg/L	Y 371.029
P 214.914	18.1208	mg/L	0.024138	0.1	3079.77	181.208 mg/L	Y 371.029
Pb 220.353	0.093138	mg/L	0.002263	2.4	105.881	0.931376 mg/L	Y 371.029
Pb 261.417	0.054459	mg/L	0.004899	9.0	42.2466	0.544595 mg/L	Y 371.029
Pb 405.781	0.098651	mg/L	0.005740	5.8	183.836	0.986506 mg/L	Y 371.029
Sb 206.834	0.106769	mg/L	0.005820	5.5	69.5339	1.06769 mg/L	Y 371.029
Sb 231.146	0.118000	mg/L	0.009302	7.9	56.1215	1.18000 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.012405	13.7	44.9321	uncal mg/L	Y 371.029
Se 196.026	0.099053	mg/L	0.004230	4.3	32.3890	0.990526 mg/L	Y 371.029
Se 203.985	0.100857	mg/L	0.004946	4.9	22.0900	1.00857 mg/L	Y 371.029
Si 250.690	0.100247	mg/L	0.001443	1.4	174.491	1.00247 mg/L	Y 371.029
Si 251.611	0.103958	mg/L	0.000996	1.0	191.120	1.03958 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001277	1.2	1526.97	uncal mg/L	Y 371.029
Sn 189.927	0.088050	mg/L	0.000926	1.1	29.2688	0.880503 mg/L	Y 371.029
Sn 283.998	0.088523	mg/L	0.004479	5.1	230.348	0.885230 mg/L	Y 371.029
Sr 216.596	0.101556	mg/L	0.000251	0.2	808.340	1.01556 mg/L	Y 371.029
Sr 407.771	0.100405	mg/L	0.000163	0.2	257813	1.00405 mg/L	Y 371.029
Sr 421.552	0.100432	mg/L	0.000088	0.1	167283	1.00432 mg/L	Y 371.029
Ti 334.941	0.085742	mg/L	0.000906	1.1	18424.1	0.857417 mg/L	Y 371.029
Ti 336.122	0.085619	mg/L	0.001269	1.5	7735.99	0.856186 mg/L	Y 371.029
Ti 337.280	0.084573	mg/L	0.000395	0.5	2573.02	0.845734 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.082973	mg/L	0.004378	5.3	31.2442	0.829730 mg/L	Y 371.029
Tl 190.807	0.096460	mg/L	0.004730	4.9	16.6318	0.964600 mg/L	Y 371.029
Tl 351.923	0.084802	mg/L	0.002341	2.8	160.629	0.848016 mg/L	Y 371.029
V 268.796	0.095126	mg/L	0.000299	0.3	933.022	0.951264 mg/L	Y 371.029
V 292.401	0.094537	mg/L	0.000381	0.4	2869.39	0.945372 mg/L	Y 371.029
V 311.837	0.093612	mg/L	0.000226	0.2	3812.28	0.936124 mg/L	Y 371.029
Zn 202.548	0.173434	mg/L	0.001041	0.6	2136.69	1.73434 mg/L	Y 371.029
Zn 206.200	0.169885	mg/L	0.000540	0.3	691.227	1.69885 mg/L	Y 371.029
Zn 213.857	0.172914	mg/L	0.000955	0.6	4044.82	1.72914 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00082	8025.35	12.242	0.2
Y 371.029	0.846341	139568	242.388	0.2

1118042-PS1 (Samp) **4/27/2011, 1:12:06 PM** **Rack 1, Tube 16**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.525995	mg/L	0.000148	0.0	25738.8	5.25995 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002044	0.4	1478.02	uncal mg/L	Y 371.029
Al 237.312	4.94034	mg/L	0.016829	0.3	6120.65	49.4034 mg/L	Y 371.029
Al 257.509	4.95302	mg/L	0.018116	0.4	2838.68	49.5302 mg/L	Y 371.029
Al 308.215	4.99036	mg/L	0.006977	0.1	30873.4	49.9036 mg/L	Y 371.029
As 188.980	1.01392	mg/L	0.004978	0.5	346.266	10.1392 mg/L	Y 371.029
As 193.696	1.01428	mg/L	0.002914	0.3	418.408	10.1428 mg/L	Y 371.029
As 228.812	1.74069	mg/L	0.042906	2.5	3053.90	17.4069 mg/L	Y 371.029
B 182.577	1.09371	mg/L	0.013912	1.3	461.294	10.9371 mg/L	Y 371.029
B 249.678	1.06201	mg/L	0.011541	1.1	9036.04	10.6201 mg/L	Y 371.029
B 249.772	1.05923	mg/L	0.013166	1.2	17381.2	10.5923 mg/L	Y 371.029
Ba 233.527	1.01022	mg/L	0.004240	0.4	38926.3	10.1022 mg/L	Y 371.029
Ba 455.403	0.979442	mg/L	0.002555	0.3	860632	9.79442 mg/L	Y 371.029
Ba 493.408	1.00955	mg/L	0.001777	0.2	543413	10.0955 mg/L	Y 371.029
Be 234.861	0.995106	mg/L	0.003862	0.4	115556	9.95106 mg/L	Y 371.029
Be 313.042	0.999989	mg/L	0.000546	0.1	1688784	9.99989 mg/L	Y 371.029
Be 313.107	1.00705	mg/L	0.000845	0.1	837894	10.0705 mg/L	Y 371.029
Ca 393.366	9.61043n	mg/L	0.036688	0.4	11298456	96.1043 mg/L	Y 371.029
Ca 396.847	9.78391	mg/L	0.031030	0.3	19399170	97.8391 mg/L	Y 371.029
Ca 430.253	10.3814	mg/L	0.022126	0.2	45376.9	103.814 mg/L	Y 371.029
Cd 214.439	0.965823	mg/L	0.003281	0.3	17861.4	9.65823 mg/L	Y 371.029
Cd 226.502	0.981064	mg/L	0.001686	0.2	35635.7	9.81064 mg/L	Y 371.029
Cd 228.802	0.962327	mg/L	0.004588	0.5	13208.3	9.62327 mg/L	Y 371.029
Co 228.615	0.993886	mg/L	0.003767	0.4	8511.41	9.93886 mg/L	Y 371.029
Co 230.786	0.994575	mg/L	0.003507	0.4	5988.42	9.94575 mg/L	Y 371.029
Co 238.892	0.950166	mg/L	0.004790	0.5	5325.48	9.50167 mg/L	Y 371.029
Cr 205.560	0.976537	mg/L	0.002313	0.2	3968.16	9.76537 mg/L	Y 371.029
Cr 206.158	0.999260	mg/L	0.009155	0.9	1633.99	9.99260 mg/L	Y 371.029
Cr 267.716	0.986173	mg/L	0.001942	0.2	21337.3	9.86173 mg/L	Y 371.029
Cu 213.598	0.983779	mg/L	0.006273	0.6	3847.16	9.83779 mg/L	Y 371.029
Cu 324.754	1.00093	mg/L	0.001164	0.1	32199.6	10.0093 mg/L	Y 371.029
Cu 327.395	1.00201	mg/L	0.004432	0.4	42762.7	10.0201 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	5.43241	mg/L	0.010151	0.2	47202.0	54.3241 mg/L	Y 371.029
Fe 238.204	5.33278	mg/L	0.037059	0.7	95339.8	53.3278 mg/L	Y 371.029
Fe 259.940	5.38335	mg/L	0.021145	0.4	79337.6	53.8335 mg/L	Y 371.029
Ga 287.423	0.970216	mg/L	0.005894	0.6	2269.37	9.70216 mg/L	Y 371.029
Ga 294.363	0.973862	mg/L	0.002315	0.2	5823.38	9.73862 mg/L	Y 371.029
Ga 417.204	0.975654	mg/L	0.001650	0.2	8855.49	9.75654 mg/L	Y 371.029
K 766.491	60.7307	mg/L	0.192016	0.3	4164225	607.307 mg/L	Y 371.029
K 769.897	66.9332	mg/L	0.209867	0.3	3804722	669.332 mg/L	Y 371.029
Li 610.365	0.964035	mg/L	0.001400	0.1	47665.0	9.64035 mg/L	Y 371.029
Li 670.783	1.02526	mg/L	0.002828	0.3	3599371	10.2526 mg/L	Y 371.029
Mg 279.078	12.8907	mg/L	0.020382	0.2	20755.3	128.907 mg/L	Y 371.029
Mg 280.270	12.5579	mg/L	0.041399	0.3	1240752	125.579 mg/L	Y 371.029
Mg 285.213	13.4264	mg/L	0.047302	0.4	475497	134.264 mg/L	Y 371.029
Mn 257.610	1.02037	mg/L	0.004147	0.4	149082	10.2037 mg/L	Y 371.029
Mn 259.372	1.01930	mg/L	0.003684	0.4	111455	10.1930 mg/L	Y 371.029
Mn 260.568	1.03555	mg/L	0.007669	0.7	19173.0	10.3555 mg/L	Y 371.029
Mo 202.032	1.07360	mg/L	0.002021	0.2	3682.79	10.7360 mg/L	Y 371.029
Mo 203.846	1.03862	mg/L	0.008205	0.8	1550.02	10.3862 mg/L	Y 371.029
Mo 204.598	1.07471	mg/L	0.003578	0.3	1831.62	10.7471 mg/L	Y 371.029
Na 568.821	9.61164	mg/L	0.068786	0.7	2621.81	96.1164 mg/L	Y 371.029
Na 588.995	10.3440	mg/L	0.037939	0.4	6133271	103.440 mg/L	Y 371.029
Na 589.592	10.6172	mg/L	0.008871	0.1	3299808	106.172 mg/L	Y 371.029
Ni 216.555	0.986973	mg/L	0.001928	0.2	5009.78	9.86973 mg/L	Y 371.029
Ni 221.648	0.980811	mg/L	0.004852	0.5	1976.00	9.80811 mg/L	Y 371.029
Ni 231.604	0.997312	mg/L	0.007017	0.7	3363.94	9.97311 mg/L	Y 371.029
P 177.434	23.2860	mg/L	0.100863	0.4	3453.61	232.860 mg/L	Y 371.029
P 213.618	23.3612	mg/L	0.066028	0.3	15249.8	233.612 mg/L	Y 371.029
P 214.914	23.7166	mg/L	0.051960	0.2	4038.11	237.166 mg/L	Y 371.029
Pb 220.353	0.982807	mg/L	0.001772	0.2	1072.89	9.82807 mg/L	Y 371.029
Pb 261.417	0.733373	mg/L	0.029176	4.0	377.972	7.33373 mg/L	Y 371.029
Pb 405.781	0.970209	mg/L	0.003298	0.3	1291.26	9.70209 mg/L	Y 371.029
Sb 206.834	0.874778	mg/L	0.027973	3.2	500.859	8.74778 mg/L	Y 371.029
Sb 231.146	0.935318	mg/L	0.040180	4.3	395.705	9.35318 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.070135	9.7	236.561	uncal mg/L	Y 371.029
Se 196.026	0.999091	mg/L	0.016208	1.6	295.575	9.99091 mg/L	Y 371.029
Se 203.985	0.986926	mg/L	0.026979	2.7	180.528	9.86926 mg/L	Y 371.029
Si 250.690	1.01861	mg/L	0.006897	0.7	1342.85	10.1861 mg/L	Y 371.029
Si 251.611	0.991117	mg/L	0.005482	0.6	1487.72	9.91117 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.005029	0.5	8052.85	uncal mg/L	Y 371.029
Sn 189.927	0.997415	mg/L	0.011566	1.2	298.985	9.97415 mg/L	Y 371.029
Sn 283.998	0.959369	mg/L	0.002451	0.3	2348.59	9.59369 mg/L	Y 371.029
Sr 216.596	1.02570	mg/L	0.004631	0.5	8039.90	10.2570 mg/L	Y 371.029
Sr 407.771	1.00522	mg/L	0.004038	0.4	2531878	10.0522 mg/L	Y 371.029
Sr 421.552	1.01366	mg/L	0.002490	0.2	1658334	10.1366 mg/L	Y 371.029
Ti 334.941	0.992711	mg/L	0.004250	0.4	212412	9.92710 mg/L	Y 371.029
Ti 336.122	0.989575	mg/L	0.003780	0.4	89073.7	9.89575 mg/L	Y 371.029
Ti 337.280	1.00171	mg/L	0.002338	0.2	30625.7	10.0171 mg/L	Y 371.029
Tl 190.794	0.996494	mg/L	0.005949	0.6	347.805	9.96494 mg/L	Y 371.029
Tl 190.807	1.01351	mg/L	0.010710	1.1	176.329	10.1351 mg/L	Y 371.029
Tl 351.923	0.986582	mg/L	0.005987	0.6	1594.83	9.86582 mg/L	Y 371.029
V 268.796	0.972332	mg/L	0.000507	0.1	9269.59	9.72332 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.992733	mg/L	0.003465	0.3	29695.9	9.92733 mg/L	Y 371.029
V 311.837	1.00071	mg/L	0.003724	0.4	40847.3	10.0071 mg/L	Y 371.029
Zn 202.548	1.06428	mg/L	0.007758	0.7	9983.97	10.6428 mg/L	Y 371.029
Zn 206.200	1.05766	mg/L	0.009059	0.9	3265.49	10.5766 mg/L	Y 371.029
Zn 213.857	1.06349	mg/L	0.004493	0.4	18961.5	10.6349 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.996638	7991.83	18.589	0.2
Y 371.029	0.845950	139503	309.305	0.2

11D1133-01 (Samp) **4/27/2011, 1:16:19 PM** **Rack 1, Tube 17**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 100**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000218	mg/L	0.000147	67.3	489.136	0.021799 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001169	153.2	-1.97825	uncal mg/L	Y 371.029
Al 237.312	0.014368	mg/L	0.002499	17.4	66.1887	1.43685 mg/L	Y 371.029
Al 257.509	0.023312	mg/L	0.014355	61.6	31.8978	2.33118 mg/L	Y 371.029
Al 308.215	-0.009328uv	mg/L	0.001792	19.2	1194.80	-0.932847 mg/L	Y 371.029
As 188.980	0.003983uv	mg/L	0.004739	119.0	6.32763	0.398293 mg/L	Y 371.029
As 193.696	0.011366	mg/L	0.001195	10.5	6.27871	1.13657 mg/L	Y 371.029
As 228.812	0.009927	mg/L	0.005464	55.0	20.5485	0.992727 mg/L	Y 371.029
B 182.577	0.012905	mg/L	0.002441	18.9	9.50922	1.29047 mg/L	Y 371.029
B 249.678	0.014289	mg/L	0.004078	28.5	163.684	1.42890 mg/L	Y 371.029
B 249.772	0.015332	mg/L	0.003604	23.5	316.237	1.53322 mg/L	Y 371.029
Ba 233.527	0.000084	mg/L	0.000048	57.2	179.961	0.008421 mg/L	Y 371.029
Ba 455.403	-0.000162uv	mg/L	0.000034	21.0	3908.11	-0.016224 mg/L	Y 371.029
Ba 493.408	-0.000056uv	mg/L	0.000036	63.7	2469.12	-0.005605 mg/L	Y 371.029
Be 234.861	0.000051	mg/L	0.000016	30.8	2.06245	0.005068 mg/L	Y 371.029
Be 313.042	0.000006uv	mg/L	0.000007	106.6	337.342	0.000624 mg/L	Y 371.029
Be 313.107	0.000014	mg/L	0.000007	47.6	87.5840	0.001434 mg/L	Y 371.029
Ca 393.366	2.98732n	mg/L	0.004130	0.1	3521956	298.732 mg/L	Y 371.029
Ca 396.847	2.82864	mg/L	0.074324	2.6	5625340	282.864 mg/L	Y 371.029
Ca 430.253	2.87756	mg/L	0.002454	0.1	13402.6	287.756 mg/L	Y 371.029
Cd 214.439	0.000253	mg/L	0.000079	31.3	5.03034	0.025326 mg/L	Y 371.029
Cd 226.502	0.000057uv	mg/L	0.000080	139.4	24.6554	0.005711 mg/L	Y 371.029
Cd 228.802	0.000480	mg/L	0.000218	45.5	23.8216	0.048021 mg/L	Y 371.029
Co 228.615	0.001033	mg/L	0.000389	37.6	6.42283	0.103303 mg/L	Y 371.029
Co 230.786	0.000033uv	mg/L	0.000498	1491.1	6.25291	0.003339 mg/L	Y 371.029
Co 238.892	0.000173uv	mg/L	0.000477	275.2	5.01910	0.017344 mg/L	Y 371.029
Cr 205.560	0.000199	mg/L	0.000234	117.1	6.17315	0.019938 mg/L	Y 371.029
Cr 206.158	0.000245	mg/L	0.000268	109.7	1.90912	0.024462 mg/L	Y 371.029
Cr 267.716	-0.000118uv	mg/L	0.000066	55.7	24.2405	-0.011779 mg/L	Y 371.029
Cu 213.598	0.000143uv	mg/L	0.000286	200.6	2.17199	0.014265 mg/L	Y 371.029
Cu 324.754	-0.000553uv	mg/L	0.000217	39.2	325.586	-0.055348 mg/L	Y 371.029
Cu 327.395	0.000322uv	mg/L	0.000350	108.7	32.8327	0.032243 mg/L	Y 371.029
Fe 234.350	0.003845	mg/L	0.000303	7.9	49.7856	0.384459 mg/L	Y 371.029
Fe 238.204	0.003055	mg/L	0.000332	10.9	102.722	0.305473 mg/L	Y 371.029
Fe 259.940	0.003447	mg/L	0.000760	22.0	110.571	0.344694 mg/L	Y 371.029
Ga 287.423	0.001674uv	mg/L	0.003843	229.5	20.8473	0.167432 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.004915	mg/L	0.001487	30.3	33.1555	0.491483 mg/L	Y 371.029
Ga 417.204	-0.002109uv	mg/L	0.001465	69.5	93.0071	-0.210881 mg/L	Y 371.029
K 766.491	0.003320	mg/L	0.000156	4.7	2276.60	0.332011 mg/L	Y 371.029
K 769.897	0.001384	mg/L	0.000978	70.6	12533.0	0.138379 mg/L	Y 371.029
Li 610.365	0.011371	mg/L	0.000190	1.7	-1.60255	1.13708 mg/L	Y 371.029
Li 670.783	-0.001972uv	mg/L	0.000022	1.1	60285.3	-0.197250 mg/L	Y 371.029
Mg 279.078	0.014429	mg/L	0.001845	12.8	36.8375	1.44287 mg/L	Y 371.029
Mg 280.270	0.015841	mg/L	0.000036	0.2	1876.48	1.58410 mg/L	Y 371.029
Mg 285.213	0.015942	mg/L	0.000059	0.4	626.502	1.59424 mg/L	Y 371.029
Mn 257.610	0.000187	mg/L	0.000033	17.6	44.6904	0.018684 mg/L	Y 371.029
Mn 259.372	0.000238	mg/L	0.000050	20.9	85.7889	0.023799 mg/L	Y 371.029
Mn 260.568	0.000335	mg/L	0.000051	15.4	13.8578	0.033480 mg/L	Y 371.029
Mo 202.032	0.012694	mg/L	0.002404	18.9	64.9370	1.26936 mg/L	Y 371.029
Mo 203.846	0.015225	mg/L	0.002118	13.9	24.8445	1.52251 mg/L	Y 371.029
Mo 204.598	0.013308	mg/L	0.002728	20.5	25.4462	1.33079 mg/L	Y 371.029
Na 568.821	0.497374	mg/L	0.071700	14.4	231.612	49.7374 mg/L	Y 371.029
Na 588.995	-0.218309uv	mg/L	0.001104	0.5	202384	-21.8309 mg/L	Y 371.029
Na 589.592	-0.060052uv	mg/L	0.000333	0.6	76982.2	-6.00524 mg/L	Y 371.029
Ni 216.555	0.000866	mg/L	0.000256	29.6	4.82198	0.086559 mg/L	Y 371.029
Ni 221.648	0.000770uv	mg/L	0.001055	137.0	3.74907	0.077020 mg/L	Y 371.029
Ni 231.604	0.000356uv	mg/L	0.000364	102.3	6.83187	0.035581 mg/L	Y 371.029
P 177.434	0.000580uv	mg/L	0.006002	1035.1	2.84363	0.057990 mg/L	Y 371.029
P 213.618	0.008197	mg/L	0.004464	54.5	8.10127	0.819744 mg/L	Y 371.029
P 214.914	-0.004845uv	mg/L	0.002859	59.0	1.97130	-0.484467 mg/L	Y 371.029
Pb 220.353	0.002943	mg/L	0.002878	97.8	7.82112	0.294265 mg/L	Y 371.029
Pb 261.417	0.000818uv	mg/L	0.004899	598.8	15.8097	0.081807 mg/L	Y 371.029
Pb 405.781	0.005564	mg/L	0.005143	92.4	65.4846	0.556421 mg/L	Y 371.029
Sb 206.834	0.042013	mg/L	0.002559	6.1	33.0948	4.20132 mg/L	Y 371.029
Sb 231.146	0.045071	mg/L	0.008252	18.3	26.0367	4.50714 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.020050	423.3	19.1831	uncal mg/L	Y 371.029
Se 196.026	0.013262	mg/L	0.008337	62.9	7.37669	1.32624 mg/L	Y 371.029
Se 203.985	0.008953uv	mg/L	0.020720	231.4	5.66741	0.895262 mg/L	Y 371.029
Si 250.690	0.012780	mg/L	0.004385	34.3	62.7890	1.27801 mg/L	Y 371.029
Si 251.611	0.012082	mg/L	0.001251	10.4	59.8600	1.20816 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001701	81.9	801.405	uncal mg/L	Y 371.029
Sn 189.927	0.002705	mg/L	0.002386	88.2	3.92324	0.270491 mg/L	Y 371.029
Sn 283.998	-0.000751uv	mg/L	0.003586	477.3	12.6372	-0.075127 mg/L	Y 371.029
Sr 216.596	0.001881	mg/L	0.000365	19.4	28.5742	0.188118 mg/L	Y 371.029
Sr 407.771	0.001166	mg/L	0.000006	0.5	8540.84	0.116598 mg/L	Y 371.029
Sr 421.552	0.001197	mg/L	0.000006	0.5	5351.44	0.119651 mg/L	Y 371.029
Ti 334.941	0.002004	mg/L	0.000633	31.6	505.161	0.200383 mg/L	Y 371.029
Ti 336.122	0.001924	mg/L	0.000522	27.1	201.211	0.192445 mg/L	Y 371.029
Ti 337.280	0.002243	mg/L	0.000304	13.6	53.5239	0.224319 mg/L	Y 371.029
Tl 190.794	0.002424	mg/L	0.000839	34.6	3.23605	0.242424 mg/L	Y 371.029
Tl 190.807	0.011106	mg/L	0.008420	75.8	1.77071	1.11055 mg/L	Y 371.029
Tl 351.923	-0.007525uv	mg/L	0.005775	76.7	14.1082	-0.752470 mg/L	Y 371.029
V 268.796	0.000745	mg/L	0.000852	114.3	41.9903	0.074503 mg/L	Y 371.029
V 292.401	-0.000018uv	mg/L	0.000324	1820.0	44.4586	-0.001780 mg/L	Y 371.029
V 311.837	0.000489	mg/L	0.000117	24.0	9.57510	0.048898 mg/L	Y 371.029
Zn 202.548	0.001481	mg/L	0.000451	30.5	628.083	0.148110 mg/L	Y 371.029
Zn 206.200	0.001538	mg/L	0.000184	12.0	203.393	0.153785 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.000630	mg/L	0.000270	42.8	1170.44	0.063011 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01332	8125.60	20.876	0.3
Y 371.029	0.852377	140563	322.546	0.2

11D1133-02 (Samp) **4/27/2011, 1:20:03 PM** **Rack 1, Tube 18**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 100**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000329uv	mg/L	0.000623	189.6	483.678	-0.032874 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000846	181.4	-5.55762	uncal mg/L	Y 371.029
Al 237.312	0.025655	mg/L	0.001696	6.6	81.5906	2.56545 mg/L	Y 371.029
Al 257.509	0.030789	mg/L	0.019882	64.6	35.5601	3.07889 mg/L	Y 371.029
Al 308.215	0.011639	mg/L	0.002181	18.7	1301.48	1.16390 mg/L	Y 371.029
As 188.980	0.002558uv	mg/L	0.004751	185.7	5.83406	0.255785 mg/L	Y 371.029
As 193.696	0.002181uv	mg/L	0.002154	98.8	2.44846	0.218145 mg/L	Y 371.029
As 228.812	0.001074	mg/L	0.001355	126.1	11.9980	0.107448 mg/L	Y 371.029
B 182.577	0.005768	mg/L	0.001405	24.4	6.83658	0.576799 mg/L	Y 371.029
B 249.678	0.004031	mg/L	0.000735	18.2	82.8154	0.403078 mg/L	Y 371.029
B 249.772	0.005231	mg/L	0.000239	4.6	159.774	0.523146 mg/L	Y 371.029
Ba 233.527	-0.000020	mg/L	0.000077	386.6	186.370	-0.001989 mg/L	Y 371.029
Ba 455.403	-0.000215	mg/L	0.000004	2.1	4075.73	-0.021503 mg/L	Y 371.029
Ba 493.408	-0.000148	mg/L	0.000047	31.7	2547.02	-0.014753 mg/L	Y 371.029
Be 234.861	0.000046	mg/L	0.000016	34.9	1.09960	0.004554 mg/L	Y 371.029
Be 313.042	0.000005uv	mg/L	0.000004	76.5	330.779	0.000482 mg/L	Y 371.029
Be 313.107	0.000015	mg/L	0.000015	105.0	89.0365	0.001470 mg/L	Y 371.029
Ca 393.366	15.1455n	mg/L	0.021959	0.1	17781126	1514.55 mg/L	Y 371.029
Ca 396.847	16.0066	mg/L	0.022207	0.1	31697000	1600.66 mg/L	Y 371.029
Ca 430.253	18.0741	mg/L	0.015321	0.1	77846.4	1807.41 mg/L	Y 371.029
Cd 214.439	0.000392	mg/L	0.000057	14.5	7.59534	0.039225 mg/L	Y 371.029
Cd 226.502	-0.000050uv	mg/L	0.000041	82.5	21.9062	-0.005012 mg/L	Y 371.029
Cd 228.802	0.000139uv	mg/L	0.000468	337.8	19.0695	0.013863 mg/L	Y 371.029
Co 228.615	0.001555	mg/L	0.000361	23.2	10.5097	0.155459 mg/L	Y 371.029
Co 230.786	0.000279uv	mg/L	0.000432	155.1	8.03555	0.027855 mg/L	Y 371.029
Co 238.892	0.000227uv	mg/L	0.000770	338.9	5.35543	0.022721 mg/L	Y 371.029
Cr 205.560	0.000231	mg/L	0.000163	70.6	6.92610	0.023078 mg/L	Y 371.029
Cr 206.158	0.001268	mg/L	0.000745	58.7	3.53579	0.126813 mg/L	Y 371.029
Cr 267.716	0.000524	mg/L	0.000075	14.3	40.3622	0.052415 mg/L	Y 371.029
Cu 213.598	0.005888	mg/L	0.001120	19.0	24.7256	0.588778 mg/L	Y 371.029
Cu 324.754	-0.000143uv	mg/L	0.000462	323.4	326.357	-0.014280 mg/L	Y 371.029
Cu 327.395	0.000571	mg/L	0.000655	114.6	47.0129	0.057140 mg/L	Y 371.029
Fe 234.350	0.019745	mg/L	0.000379	1.9	201.214	1.97448 mg/L	Y 371.029
Fe 238.204	0.019074	mg/L	0.000428	2.2	422.101	1.90736 mg/L	Y 371.029
Fe 259.940	0.019361	mg/L	0.000383	2.0	368.808	1.93608 mg/L	Y 371.029
Ga 287.423	0.003149	mg/L	0.003055	97.0	24.4637	0.314908 mg/L	Y 371.029
Ga 294.363	0.003539	mg/L	0.001517	42.9	22.8953	0.353880 mg/L	Y 371.029
Ga 417.204	-0.001282uv	mg/L	0.001868	145.7	95.4041	-0.128219 mg/L	Y 371.029
K 766.491	0.003764	mg/L	0.000363	9.7	2421.66	0.376431 mg/L	Y 371.029
K 769.897	0.000316	mg/L	0.001636	518.2	12568.0	0.031578 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.012459	mg/L	0.000188	1.5	52.8580	1.24592 mg/L	Y 371.029
Li 670.783	-0.001782uv	mg/L	0.000045	2.5	61187.6	-0.178191 mg/L	Y 371.029
Mg 279.078	0.181046	mg/L	0.002135	1.2	304.619	18.1046 mg/L	Y 371.029
Mg 280.270	0.182269	mg/L	0.000356	0.2	18372.2	18.2269 mg/L	Y 371.029
Mg 285.213	0.178333	mg/L	0.001195	0.7	6382.66	17.8333 mg/L	Y 371.029
Mn 257.610	0.000721	mg/L	0.000016	2.2	130.590	0.072123 mg/L	Y 371.029
Mn 259.372	0.000651	mg/L	0.000114	17.5	143.364	0.065108 mg/L	Y 371.029
Mn 260.568	0.000658	mg/L	0.000115	17.5	21.7584	0.065812 mg/L	Y 371.029
Mo 202.032	0.004662	mg/L	0.002040	43.8	42.0981	0.466229 mg/L	Y 371.029
Mo 203.846	0.007774	mg/L	0.001280	16.5	15.7284	0.777353 mg/L	Y 371.029
Mo 204.598	0.004926	mg/L	0.001082	22.0	13.2541	0.492592 mg/L	Y 371.029
Na 568.821	0.408666	mg/L	0.121971	29.8	228.021	40.8666 mg/L	Y 371.029
Na 588.995	-0.246401uv	mg/L	0.001365	0.6	188842	-24.6401 mg/L	Y 371.029
Na 589.592	-0.086747uv	mg/L	0.000496	0.6	69960.0	-8.67474 mg/L	Y 371.029
Ni 216.555	0.000943	mg/L	0.000410	43.4	5.60231	0.094294 mg/L	Y 371.029
Ni 221.648	0.000195uv	mg/L	0.000388	199.0	2.69932	0.019503 mg/L	Y 371.029
Ni 231.604	0.000251uv	mg/L	0.000512	204.2	7.04735	0.025060 mg/L	Y 371.029
P 177.434	9.02537	mg/L	0.027733	0.3	1340.02	902.537 mg/L	Y 371.029
P 213.618	9.24552	mg/L	0.035425	0.4	6027.81	924.552 mg/L	Y 371.029
P 214.914	9.15610	mg/L	0.041873	0.5	1556.91	915.610 mg/L	Y 371.029
Pb 220.353	0.002243	mg/L	0.000761	33.9	7.25715	0.224320 mg/L	Y 371.029
Pb 261.417	0.008942uv	mg/L	0.008116	90.8	19.6550	0.894166 mg/L	Y 371.029
Pb 405.781	0.010709	mg/L	0.012170	113.6	77.1534	1.07086 mg/L	Y 371.029
Sb 206.834	0.018863	mg/L	0.001999	10.6	21.0353	1.88628 mg/L	Y 371.029
Sb 231.146	0.009678	mg/L	0.002943	30.4	13.7051	0.967807 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.022110	134.3	15.0553	uncal mg/L	Y 371.029
Se 196.026	0.007493	mg/L	0.005217	69.6	6.14279	0.749272 mg/L	Y 371.029
Se 203.985	0.006800uv	mg/L	0.012176	179.1	5.04670	0.679994 mg/L	Y 371.029
Si 250.690	0.122894	mg/L	0.003505	2.9	200.807	12.2894 mg/L	Y 371.029
Si 251.611	0.105658	mg/L	0.003409	3.2	216.146	10.5658 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001767	1.7	1650.84	uncal mg/L	Y 371.029
Sn 189.927	0.000559uv	mg/L	0.003735	668.4	3.19352	0.055875 mg/L	Y 371.029
Sn 283.998	0.003666	mg/L	0.005492	149.8	20.9257	0.366619 mg/L	Y 371.029
Sr 216.596	0.008893	mg/L	0.000401	4.5	86.7872	0.889307 mg/L	Y 371.029
Sr 407.771	0.008121	mg/L	0.000021	0.3	27014.6	0.812098 mg/L	Y 371.029
Sr 421.552	0.008291	mg/L	0.000040	0.5	17580.2	0.829096 mg/L	Y 371.029
Ti 334.941	0.001831	mg/L	0.000298	16.3	476.291	0.183085 mg/L	Y 371.029
Ti 336.122	0.001697	mg/L	0.000497	29.3	178.911	0.169661 mg/L	Y 371.029
Ti 337.280	0.001792	mg/L	0.000109	6.1	42.7689	0.179190 mg/L	Y 371.029
Tl 190.794	-0.001284uv	mg/L	0.000245	19.0	1.77372	-0.128414 mg/L	Y 371.029
Tl 190.807	0.007813	mg/L	0.003631	46.5	1.04402	0.781327 mg/L	Y 371.029
Tl 351.923	-0.006466uv	mg/L	0.002641	40.8	16.9989	-0.646619 mg/L	Y 371.029
V 268.796	0.000167	mg/L	0.000609	365.3	31.8016	0.016683 mg/L	Y 371.029
V 292.401	0.000078uv	mg/L	0.000113	144.5	47.9587	0.007844 mg/L	Y 371.029
V 311.837	0.000543	mg/L	0.000075	13.7	13.2917	0.054278 mg/L	Y 371.029
Zn 202.548	0.002573	mg/L	0.000128	5.0	646.794	0.257321 mg/L	Y 371.029
Zn 206.200	0.003507	mg/L	0.000909	25.9	212.094	0.350739 mg/L	Y 371.029
Zn 213.857	0.001078	mg/L	0.000677	62.8	1194.49	0.107812 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03397	8291.20	60.008	0.7
Y 371.029	0.864471	142557	914.825	0.6

11D1134-01 (Samp) **4/27/2011, 1:23:55 PM** **Rack 1, Tube 19**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000183uv	mg/L	0.000703	383.6	469.052	-0.001832 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000925	754.8	-4.48799	uncal mg/L	Y 371.029
Al 237.312	0.029124	mg/L	0.003410	11.7	84.3185	0.291239 mg/L	Y 371.029
Al 257.509	0.009686	mg/L	0.008486	87.6	24.3076	0.096861 mg/L	Y 371.029
Al 308.215	0.005485	mg/L	0.001277	23.3	1282.39	0.054853 mg/L	Y 371.029
As 188.980	0.002099	mg/L	0.001648	78.5	5.67036	0.020992 mg/L	Y 371.029
As 193.696	0.006508	mg/L	0.003907	60.0	4.27732	0.065084 mg/L	Y 371.029
As 228.812	0.004495	mg/L	0.003868	86.0	15.3919	0.044951 mg/L	Y 371.029
B 182.577	0.007075	mg/L	0.002505	35.4	7.05475	0.070751 mg/L	Y 371.029
B 249.678	0.007382	mg/L	0.000435	5.9	104.961	0.073816 mg/L	Y 371.029
B 249.772	0.007919	mg/L	0.000708	8.9	195.416	0.079188 mg/L	Y 371.029
Ba 233.527	0.001813	mg/L	0.000120	6.6	245.662	0.018128 mg/L	Y 371.029
Ba 455.403	0.001503	mg/L	0.000031	2.1	5351.29	0.015030 mg/L	Y 371.029
Ba 493.408	0.001577	mg/L	0.000031	2.0	3337.13	0.015767 mg/L	Y 371.029
Be 234.861	0.000072	mg/L	0.000005	6.4	4.42595	0.000715 mg/L	Y 371.029
Be 313.042	0.000018	mg/L	0.000005	26.5	358.117	0.000180 mg/L	Y 371.029
Be 313.107	0.000020	mg/L	0.000004	18.0	92.3989	0.000199 mg/L	Y 371.029
Ca 393.366	1.61965n	mg/L	0.001950	0.1	1918209	16.1965 mg/L	Y 371.029
Ca 396.847	1.56358	mg/L	0.002151	0.1	3122875	15.6358 mg/L	Y 371.029
Ca 430.253	1.57327	mg/L	0.010030	0.6	7875.42	15.7327 mg/L	Y 371.029
Cd 214.439	0.000404	mg/L	0.000040	10.0	7.80901	0.004037 mg/L	Y 371.029
Cd 226.502	0.000311	mg/L	0.000108	34.7	33.9271	0.003115 mg/L	Y 371.029
Cd 228.802	0.000245	mg/L	0.000248	101.5	20.5928	0.002448 mg/L	Y 371.029
Co 228.615	0.001455	mg/L	0.000617	42.4	10.1053	0.014548 mg/L	Y 371.029
Co 230.786	-0.000168uv	mg/L	0.000365	217.7	5.05623	-0.001679 mg/L	Y 371.029
Co 238.892	-0.000002uv	mg/L	0.000316	16312.3	3.94674	-0.000019 mg/L	Y 371.029
Cr 205.560	-0.000113uv	mg/L	0.000151	133.3	4.90196	-0.001132 mg/L	Y 371.029
Cr 206.158	0.000517uv	mg/L	0.000871	168.4	2.39247	0.005170 mg/L	Y 371.029
Cr 267.716	0.000311	mg/L	0.000088	28.4	33.6999	0.003111 mg/L	Y 371.029
Cu 213.598	0.002515	mg/L	0.001832	72.8	11.4279	0.025153 mg/L	Y 371.029
Cu 324.754	0.001290	mg/L	0.000141	10.9	384.487	0.012895 mg/L	Y 371.029
Cu 327.395	0.002462	mg/L	0.000349	14.2	124.596	0.024624 mg/L	Y 371.029
Fe 234.350	0.028736	mg/L	0.000258	0.9	266.440	0.287359 mg/L	Y 371.029
Fe 238.204	0.028325	mg/L	0.000367	1.3	556.258	0.283250 mg/L	Y 371.029
Fe 259.940	0.028112	mg/L	0.000742	2.6	473.202	0.281120 mg/L	Y 371.029
Ga 287.423	-0.000785uv	mg/L	0.003253	414.6	15.9410	-0.007847 mg/L	Y 371.029
Ga 294.363	0.002695	mg/L	0.000960	35.6	20.1975	0.026952 mg/L	Y 371.029
Ga 417.204	-0.001694uv	mg/L	0.000901	53.2	96.7586	-0.016942 mg/L	Y 371.029
K 766.491	5.54567	mg/L	0.010791	0.2	382100	55.4567 mg/L	Y 371.029
K 769.897	5.34409	mg/L	0.009578	0.2	315217	53.4409 mg/L	Y 371.029
Li 610.365	0.011420	mg/L	0.000129	1.1	0.840952	0.114196 mg/L	Y 371.029
Li 670.783	-0.001790uv	mg/L	0.000015	0.8	60990.0	-0.017901 mg/L	Y 371.029
Mg 279.078	0.506873	mg/L	0.004074	0.8	829.192	5.06873 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	0.511654	mg/L	0.002195	0.4	50839.8	5.11654 mg/L	Y 371.029
Mg 285.213	0.495684	mg/L	0.001930	0.4	17613.0	4.95684 mg/L	Y 371.029
Mn 257.610	0.039554	mg/L	0.000262	0.7	5731.99	0.395537 mg/L	Y 371.029
Mn 259.372	0.039441	mg/L	0.000291	0.7	4301.36	0.394406 mg/L	Y 371.029
Mn 260.568	0.039138	mg/L	0.000341	0.9	730.239	0.391383 mg/L	Y 371.029
Mo 202.032	0.003998	mg/L	0.000716	17.9	36.1547	0.039978 mg/L	Y 371.029
Mo 203.846	0.006896	mg/L	0.001490	21.6	12.8365	0.068961 mg/L	Y 371.029
Mo 204.598	0.003968	mg/L	0.001660	41.8	10.0778	0.039681 mg/L	Y 371.029
Na 568.821	1.17994	mg/L	0.009436	0.8	406.970	11.7994 mg/L	Y 371.029
Na 588.995	0.592182	mg/L	0.006056	1.0	656814	5.92182 mg/L	Y 371.029
Na 589.592	0.688075	mg/L	0.001423	0.2	302395	6.88075 mg/L	Y 371.029
Ni 216.555	0.000305uv	mg/L	0.000460	151.1	2.15461	0.003046 mg/L	Y 371.029
Ni 221.648	0.000086uv	mg/L	0.000751	868.6	2.43689	0.000865 mg/L	Y 371.029
Ni 231.604	0.000376uv	mg/L	0.000540	143.8	7.02032	0.003756 mg/L	Y 371.029
P 177.434	0.946005	mg/L	0.015107	1.6	142.930	9.46005 mg/L	Y 371.029
P 213.618	0.967732	mg/L	0.001413	0.1	633.484	9.67732 mg/L	Y 371.029
P 214.914	0.975237	mg/L	0.009592	1.0	168.341	9.75237 mg/L	Y 371.029
Pb 220.353	0.000018uv	mg/L	0.000746	4030.7	4.64040	0.000185 mg/L	Y 371.029
Pb 261.417	0.001076uv	mg/L	0.003934	365.6	16.0425	0.010763 mg/L	Y 371.029
Pb 405.781	0.008549uv	mg/L	0.009215	107.8	69.1704	0.085494 mg/L	Y 371.029
Sb 206.834	0.019011	mg/L	0.001652	8.7	20.3073	0.190106 mg/L	Y 371.029
Sb 231.146	0.012763	mg/L	0.000351	2.7	12.6187	0.127632 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.035441	885.9	16.4013	uncal mg/L	Y 371.029
Se 196.026	0.008134	mg/L	0.004971	61.1	5.84142	0.081343 mg/L	Y 371.029
Se 203.985	0.006795uv	mg/L	0.009996	147.1	5.35168	0.067950 mg/L	Y 371.029
Si 250.690	0.271683	mg/L	0.001109	0.4	387.721	2.71683 mg/L	Y 371.029
Si 251.611	0.272508	mg/L	0.000743	0.3	427.842	2.72508 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002762	1.0	2763.52	uncal mg/L	Y 371.029
Sn 189.927	0.000076uv	mg/L	0.002755	3602.8	3.15713	0.000765 mg/L	Y 371.029
Sn 283.998	0.008259	mg/L	0.002780	33.7	25.4189	0.082588 mg/L	Y 371.029
Sr 216.596	0.007759	mg/L	0.000467	6.0	74.2455	0.077593 mg/L	Y 371.029
Sr 407.771	0.007259	mg/L	0.000012	0.2	23763.1	0.072590 mg/L	Y 371.029
Sr 421.552	0.007260	mg/L	0.000002	0.0	15191.7	0.072595 mg/L	Y 371.029
Ti 334.941	0.001074	mg/L	0.000323	30.1	307.235	0.010741 mg/L	Y 371.029
Ti 336.122	0.001040	mg/L	0.000298	28.7	122.470	0.010397 mg/L	Y 371.029
Ti 337.280	0.001788	mg/L	0.000040	2.2	39.6474	0.017879 mg/L	Y 371.029
Tl 190.794	0.002154	mg/L	0.001569	72.8	3.18392	0.021544 mg/L	Y 371.029
Tl 190.807	0.006756	mg/L	0.002582	38.2	1.00547	0.067557 mg/L	Y 371.029
Tl 351.923	-0.005771uv	mg/L	0.004623	80.1	16.7172	-0.057712 mg/L	Y 371.029
V 268.796	0.000168	mg/L	0.000393	234.5	28.8884	0.001677 mg/L	Y 371.029
V 292.401	0.000072	mg/L	0.000107	147.8	47.4033	0.000723 mg/L	Y 371.029
V 311.837	0.000589	mg/L	0.000097	16.5	13.7396	0.005895 mg/L	Y 371.029
Zn 202.548	0.009434	mg/L	0.000210	2.2	697.677	0.094342 mg/L	Y 371.029
Zn 206.200	0.009996	mg/L	0.000615	6.2	227.958	0.099961 mg/L	Y 371.029
Zn 213.857	0.008731	mg/L	0.000323	3.7	1305.48	0.087308 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00290	8042.06	10.823	0.1
Y 371.029	0.843965	139176	103.905	0.1

SEQ-CCV2 (Samp) **4/27/2011, 1:27:37 PM** **Rack 1, Tube 20**
M_200.7_T_WW **CCV**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.100557	mg/L	0.000393	0.4	5307.32	0.100557 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002571	2.6	271.269	uncal mg/L	Y 371.029
Al 237.312	2.55039	mg/L	0.000963	0.0	3184.23	2.55039 mg/L	Y 371.029
Al 257.509	2.56783	mg/L	0.020092	0.8	1480.43	2.56783 mg/L	Y 371.029
Al 308.215	2.55008	mg/L	0.002579	0.1	16410.2	2.55008 mg/L	Y 371.029
As 188.980	0.502388	mg/L	0.004016	0.8	174.014	0.502388 mg/L	Y 371.029
As 193.696	0.505839	mg/L	0.003740	0.7	209.332	0.505839 mg/L	Y 371.029
As 228.812	0.571880	mg/L	0.003500	0.6	913.222	0.571880 mg/L	Y 371.029
B 182.577	0.490862	mg/L	0.006169	1.3	209.245	0.490862 mg/L	Y 371.029
B 249.678	0.494404	mg/L	0.010128	2.0	4227.54	0.494404 mg/L	Y 371.029
B 249.772	0.488436	mg/L	0.010654	2.2	8022.54	0.488436 mg/L	Y 371.029
Ba 233.527	0.503687	mg/L	0.003511	0.7	19494.5	0.503687 mg/L	Y 371.029
Ba 455.403	0.502425	mg/L	0.001044	0.2	443399	0.502425 mg/L	Y 371.029
Ba 493.408	0.496451	mg/L	0.000618	0.1	268463	0.496451 mg/L	Y 371.029
Be 234.861	0.507803	mg/L	0.003381	0.7	58979.6	0.507803 mg/L	Y 371.029
Be 313.042	0.503601	mg/L	0.006117	1.2	850645	0.503601 mg/L	Y 371.029
Be 313.107	0.507150	mg/L	0.006100	1.2	422000	0.507150 mg/L	Y 371.029
Ca 393.366	4.87541n	mg/L	0.032531	0.7	5740322	4.87541 mg/L	Y 371.029
Ca 396.847	4.77600	mg/L	0.010973	0.2	9484287	4.77600 mg/L	Y 371.029
Ca 430.253	5.07261	mg/L	0.017625	0.3	22779.7	5.07261 mg/L	Y 371.029
Cd 214.439	0.257023	mg/L	0.000423	0.2	4753.48	0.257023 mg/L	Y 371.029
Cd 226.502	0.255303	mg/L	0.000563	0.2	9289.80	0.255303 mg/L	Y 371.029
Cd 228.802	0.255192	mg/L	0.000523	0.2	3515.84	0.255192 mg/L	Y 371.029
Co 228.615	0.512455	mg/L	0.000637	0.1	4382.37	0.512455 mg/L	Y 371.029
Co 230.786	0.512805	mg/L	0.000595	0.1	3089.18	0.512805 mg/L	Y 371.029
Co 238.892	0.507614	mg/L	0.003971	0.8	2864.09	0.507614 mg/L	Y 371.029
Cr 205.560	0.502081	mg/L	0.004671	0.9	2041.34	0.502081 mg/L	Y 371.029
Cr 206.158	0.502924	mg/L	0.003994	0.8	822.492	0.502924 mg/L	Y 371.029
Cr 267.716	0.501736	mg/L	0.002129	0.4	10861.5	0.501736 mg/L	Y 371.029
Cu 213.598	0.514605	mg/L	0.004639	0.9	2012.87	0.514605 mg/L	Y 371.029
Cu 324.754	0.500072	mg/L	0.001079	0.2	16248.3	0.500072 mg/L	Y 371.029
Cu 327.395	0.496307	mg/L	0.000590	0.1	21167.2	0.496307 mg/L	Y 371.029
Fe 234.350	0.534601	mg/L	0.002249	0.4	4876.35	0.534601 mg/L	Y 371.029
Fe 238.204	0.526947	mg/L	0.006761	1.3	9721.09	0.526947 mg/L	Y 371.029
Fe 259.940	0.521468	mg/L	0.006969	1.3	7925.71	0.521468 mg/L	Y 371.029
Ga 287.423	0.508201	mg/L	0.002408	0.5	1156.60	0.508201 mg/L	Y 371.029
Ga 294.363	0.512771	mg/L	0.001271	0.2	3066.71	0.512771 mg/L	Y 371.029
Ga 417.204	0.514479	mg/L	0.002296	0.4	4702.01	0.514479 mg/L	Y 371.029
K 766.491	5.28999	mg/L	0.007230	0.1	364769	5.28999 mg/L	Y 371.029
K 769.897	5.10310	mg/L	0.009108	0.2	301667	5.10310 mg/L	Y 371.029
Li 610.365	1.00944	mg/L	0.001259	0.1	49937.0	1.00944 mg/L	Y 371.029
Li 670.783	1.06883	mg/L	0.000671	0.1	3747087	1.06883 mg/L	Y 371.029
Mg 279.078	5.11352	mg/L	0.002617	0.1	8239.78	5.11352 mg/L	Y 371.029
Mg 280.270	5.18256	mg/L	0.008334	0.2	512248	5.18256 mg/L	Y 371.029
Mg 285.213	5.19430	mg/L	0.051655	1.0	184001	5.19430 mg/L	Y 371.029
Mn 257.610	0.510461	mg/L	0.008434	1.7	74597.6	0.510461 mg/L	Y 371.029
Mn 259.372	0.511492	mg/L	0.008292	1.6	55845.5	0.511492 mg/L	Y 371.029
Mn 260.568	0.512326	mg/L	0.004919	1.0	9479.92	0.512326 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	1.03753	mg/L	0.011923	1.1	3552.77	1.03753 mg/L	Y 371.029
Mo 203.846	1.00851	mg/L	0.011072	1.1	1501.54	1.00851 mg/L	Y 371.029
Mo 204.598	1.03384	mg/L	0.013538	1.3	1757.87	1.03384 mg/L	Y 371.029
Na 568.821	5.06743	mg/L	0.132837	2.6	1431.03	5.06743 mg/L	Y 371.029
Na 588.995	5.57074	mg/L	0.012901	0.2	3452863	5.57074 mg/L	Y 371.029
Na 589.592	5.24074	mg/L	0.012684	0.2	1676961	5.24074 mg/L	Y 371.029
Ni 216.555	1.02498	mg/L	0.002237	0.2	5177.85	1.02498 mg/L	Y 371.029
Ni 221.648	1.01538	mg/L	0.001131	0.1	2036.39	1.01538 mg/L	Y 371.029
Ni 231.604	1.02629	mg/L	0.003362	0.3	3445.11	1.02629 mg/L	Y 371.029
P 177.434	0.525855	mg/L	0.012226	2.3	80.9676	0.525855 mg/L	Y 371.029
P 213.618	0.521239	mg/L	0.013658	2.6	354.453	0.521239 mg/L	Y 371.029
P 214.914	0.526365	mg/L	0.011862	2.3	97.5954	0.526365 mg/L	Y 371.029
Pb 220.353	1.01618	mg/L	0.002167	0.2	1108.87	1.01618 mg/L	Y 371.029
Pb 261.417	0.999387	mg/L	0.006996	0.7	511.276	0.999387 mg/L	Y 371.029
Pb 405.781	0.996265	mg/L	0.006831	0.7	1317.43	0.996265 mg/L	Y 371.029
Sb 206.834	0.885261	mg/L	0.011973	1.4	503.772	0.885261 mg/L	Y 371.029
Sb 231.146	0.919296	mg/L	0.004353	0.5	386.455	0.919296 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.003165	0.3	304.605	uncal mg/L	Y 371.029
Se 196.026	1.02455	mg/L	0.021146	2.1	302.763	1.02455 mg/L	Y 371.029
Se 203.985	1.01437	mg/L	0.014797	1.5	176.640	1.01437 mg/L	Y 371.029
Si 250.690	1.03908	mg/L	0.008614	0.8	1358.70	1.03908 mg/L	Y 371.029
Si 251.611	1.02697	mg/L	0.008057	0.8	1524.18	1.02697 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.003922	0.4	8243.58	uncal mg/L	Y 371.029
Sn 189.927	1.03014	mg/L	0.003953	0.4	308.523	1.03014 mg/L	Y 371.029
Sn 283.998	1.00651	mg/L	0.002289	0.2	1911.55	1.00651 mg/L	Y 371.029
Sr 216.596	0.508575	mg/L	0.001632	0.3	3988.96	0.508575 mg/L	Y 371.029
Sr 407.771	0.491683	mg/L	0.002143	0.4	1241186	0.491683 mg/L	Y 371.029
Sr 421.552	0.492368	mg/L	0.004298	0.9	807189	0.492368 mg/L	Y 371.029
Ti 334.941	0.497903	mg/L	0.002532	0.5	106551	0.497903 mg/L	Y 371.029
Ti 336.122	0.506418	mg/L	0.002812	0.6	45591.8	0.506418 mg/L	Y 371.029
Ti 337.280	0.502665	mg/L	0.002723	0.5	15359.1	0.502665 mg/L	Y 371.029
Tl 190.794	0.507897	mg/L	0.005299	1.0	178.389	0.507897 mg/L	Y 371.029
Tl 190.807	0.515491	mg/L	0.009666	1.9	90.4622	0.515491 mg/L	Y 371.029
Tl 351.923	0.501669	mg/L	0.002224	0.4	823.879	0.501669 mg/L	Y 371.029
V 268.796	0.508154	mg/L	0.002628	0.5	5349.57	0.508154 mg/L	Y 371.029
V 292.401	0.501481	mg/L	0.002176	0.4	15010.9	0.501481 mg/L	Y 371.029
V 311.837	0.512018	mg/L	0.000639	0.1	20882.6	0.512018 mg/L	Y 371.029
Zn 202.548	0.540694	mg/L	0.001180	0.2	5375.05	0.540694 mg/L	Y 371.029
Zn 206.200	0.532083	mg/L	0.005653	1.1	1741.32	0.532083 mg/L	Y 371.029
Zn 213.857	0.528316	mg/L	0.010170	1.9	10047.8	0.528316 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02730	8237.73	15.951	0.2
Y 371.029	0.861098	142001	103.463	0.1

SEQ-CCB2 (Samp)	**4/27/2011, 1:31:42 PM**	**Rack 1, Tube 21**
	M_200.7_T_WW	**CCB**
Weight: 1	**Volume: 1**	**Dilution: 1**

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000034uv	mg/L	0.000204	601.8	476.434	0.000034 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001939	89.4	2.02852	uncal mg/L	Y 371.029
Al 237.312	0.009283	mg/L	0.002596	28.0	59.6657	0.009283 mg/L	Y 371.029
Al 257.509	0.007777	mg/L	0.005885	75.7	23.1621	0.007777 mg/L	Y 371.029
Al 308.215	-0.011056uv	mg/L	0.000775	7.0	1188.27	-0.011056 mg/L	Y 371.029
As 188.980	0.006553	mg/L	0.003571	54.5	7.19549	0.006553 mg/L	Y 371.029
As 193.696	0.009759	mg/L	0.002887	29.6	5.62780	0.009759 mg/L	Y 371.029
As 228.812	-0.001694uv	mg/L	0.005898	348.2	10.1637	-0.001694 mg/L	Y 371.029
B 182.577	0.007821	mg/L	0.000332	4.2	7.32793	0.007821 mg/L	Y 371.029
B 249.678	0.008290	mg/L	0.002829	34.1	111.882	0.008290 mg/L	Y 371.029
B 249.772	0.009169	mg/L	0.002401	26.2	214.461	0.009169 mg/L	Y 371.029
Ba 233.527	0.000115	mg/L	0.000003	2.8	179.192	0.000115 mg/L	Y 371.029
Ba 455.403	-0.000129uv	mg/L	0.000014	11.1	3896.61	-0.000129 mg/L	Y 371.029
Ba 493.408	-0.000068uv	mg/L	0.000019	28.0	2438.74	-0.000068 mg/L	Y 371.029
Be 234.861	0.000035	mg/L	0.000008	22.8	0.375968	0.000035 mg/L	Y 371.029
Be 313.042	0.000007	mg/L	0.000005	63.4	339.874	0.000007 mg/L	Y 371.029
Be 313.107	0.000013	mg/L	0.000010	80.5	86.2704	0.000013 mg/L	Y 371.029
Ca 393.366	-0.002555nuv	mg/L	0.000028	1.1	15456.9	-0.002555 mg/L	Y 371.029
Ca 396.847	-0.002277uv	mg/L	0.000046	2.0	24652.7	-0.002277 mg/L	Y 371.029
Ca 430.253	-0.033337uv	mg/L	0.005035	15.1	1058.13	-0.033337 mg/L	Y 371.029
Cd 214.439	0.000230	mg/L	0.000106	46.2	4.59561	0.000230 mg/L	Y 371.029
Cd 226.502	-0.000037uv	mg/L	0.000109	299.0	21.0371	-0.000037 mg/L	Y 371.029
Cd 228.802	0.000294uv	mg/L	0.000560	190.2	21.2927	0.000294 mg/L	Y 371.029
Co 228.615	0.001113	mg/L	0.000175	15.7	7.13259	0.001113 mg/L	Y 371.029
Co 230.786	0.000106uv	mg/L	0.000489	460.2	6.63712	0.000106 mg/L	Y 371.029
Co 238.892	0.000492	mg/L	0.000311	63.3	6.81835	0.000492 mg/L	Y 371.029
Cr 205.560	-0.000190uv	mg/L	0.000479	252.0	4.47932	-0.000190 mg/L	Y 371.029
Cr 206.158	0.000236	mg/L	0.000083	35.0	1.90107	0.000236 mg/L	Y 371.029
Cr 267.716	-0.000049uv	mg/L	0.000183	374.3	25.2664	-0.000049 mg/L	Y 371.029
Cu 213.598	-0.000015uv	mg/L	0.000320	2114.1	1.61037	-0.000015 mg/L	Y 371.029
Cu 324.754	-0.000834uv	mg/L	0.000164	19.6	318.973	-0.000834 mg/L	Y 371.029
Cu 327.395	0.000391uv	mg/L	0.000455	116.3	35.0859	0.000391 mg/L	Y 371.029
Fe 234.350	-0.000094uv	mg/L	0.000598	638.9	13.1909	-0.000094 mg/L	Y 371.029
Fe 238.204	0.000193uv	mg/L	0.000334	173.0	45.4822	0.000193 mg/L	Y 371.029
Fe 259.940	0.000353	mg/L	0.000256	72.5	60.5347	0.000353 mg/L	Y 371.029
Ga 287.423	0.000891uv	mg/L	0.002919	327.6	19.0395	0.000891 mg/L	Y 371.029
Ga 294.363	0.003511	mg/L	0.001647	46.9	25.2137	0.003511 mg/L	Y 371.029
Ga 417.204	-0.002048uv	mg/L	0.001059	51.7	93.8744	-0.002048 mg/L	Y 371.029
K 766.491	-0.000377uv	mg/L	0.000037	9.8	2001.86	-0.000377 mg/L	Y 371.029
K 769.897	-0.000595uv	mg/L	0.001064	178.7	12404.0	-0.000595 mg/L	Y 371.029
Li 610.365	0.011023	mg/L	0.000144	1.3	-19.0024	0.011023 mg/L	Y 371.029
Li 670.783	-0.001920uv	mg/L	0.000077	4.0	60422.1	-0.001920 mg/L	Y 371.029
Mg 279.078	0.001278uv	mg/L	0.002528	197.7	15.7283	0.001278 mg/L	Y 371.029
Mg 280.270	-0.000135uv	mg/L	0.000031	23.2	287.463	-0.000135 mg/L	Y 371.029
Mg 285.213	0.000596	mg/L	0.000029	4.9	81.9526	0.000596 mg/L	Y 371.029
Mn 257.610	-0.000009uv	mg/L	0.000054	629.5	13.7708	-0.000009 mg/L	Y 371.029
Mn 259.372	-0.000058	mg/L	0.000064	110.2	56.5916	-0.000058 mg/L	Y 371.029
Mn 260.568	0.000120	mg/L	0.000027	22.8	9.60909	0.000120 mg/L	Y 371.029
Mo 202.032	0.023904	mg/L	0.002177	9.1	102.214	0.023904 mg/L	Y 371.029
Mo 203.846	0.026096	mg/L	0.004117	15.8	40.6240	0.026096 mg/L	Y 371.029
Mo 204.598	0.024233	mg/L	0.003070	12.7	43.5971	0.024233 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	0.578975	mg/L	0.110955	19.2	249.113	0.578975 mg/L	Y 371.029
Na 588.995	-0.259175uv	mg/L	0.000718	0.3	179046	-0.259175 mg/L	Y 371.029
Na 589.592	-0.096087uv	mg/L	0.000274	0.3	65930.5	-0.096087 mg/L	Y 371.029
Ni 216.555	0.000946	mg/L	0.000661	69.9	5.14567	0.000946 mg/L	Y 371.029
Ni 221.648	0.000858	mg/L	0.000542	63.2	3.90410	0.000858 mg/L	Y 371.029
Ni 231.604	0.001108	mg/L	0.000709	64.0	9.24260	0.001108 mg/L	Y 371.029
P 177.434	-0.001163uv	mg/L	0.005161	443.8	2.58850	-0.001163 mg/L	Y 371.029
P 213.618	0.005302	mg/L	0.005537	104.4	6.15907	0.005302 mg/L	Y 371.029
P 214.914	0.000772uv	mg/L	0.002049	265.4	2.92572	0.000772 mg/L	Y 371.029
Pb 220.353	0.000237uv	mg/L	0.001849	780.5	4.84576	0.000237 mg/L	Y 371.029
Pb 261.417	0.007771	mg/L	0.006349	81.7	19.3059	0.007771 mg/L	Y 371.029
Pb 405.781	0.013850	mg/L	0.004808	34.7	74.9229	0.013850 mg/L	Y 371.029
Sb 206.834	0.052013	mg/L	0.002016	3.9	38.4984	0.052013 mg/L	Y 371.029
Sb 231.146	0.052013	mg/L	0.003577	6.9	28.4730	0.052013 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.021273	72.1	26.0589	uncal mg/L	Y 371.029
Se 196.026	0.016011	mg/L	0.003924	24.5	8.09286	0.016011 mg/L	Y 371.029
Se 203.985	0.013718	mg/L	0.006754	49.2	6.48952	0.013718 mg/L	Y 371.029
Si 250.690	0.000563uv	mg/L	0.003616	642.7	47.4861	0.000563 mg/L	Y 371.029
Si 251.611	0.003671	mg/L	0.001972	53.7	43.6102	0.003671 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002096	44.7	729.487	uncal mg/L	Y 371.029
Sn 189.927	0.001913	mg/L	0.000639	33.4	3.70673	0.001913 mg/L	Y 371.029
Sn 283.998	-0.001656uv	mg/L	0.002779	167.8	11.1810	-0.001656 mg/L	Y 371.029
Sr 216.596	0.000734	mg/L	0.000145	19.8	18.9590	0.000734 mg/L	Y 371.029
Sr 407.771	-0.000031uv	mg/L	0.000001	4.3	5344.27	-0.000031 mg/L	Y 371.029
Sr 421.552	-0.000036uv	mg/L	0.000001	3.4	3216.07	-0.000036 mg/L	Y 371.029
Ti 334.941	0.001121	mg/L	0.000292	26.1	314.936	0.001121 mg/L	Y 371.029
Ti 336.122	0.001109	mg/L	0.000390	35.2	128.244	0.001109 mg/L	Y 371.029
Ti 337.280	0.001399	mg/L	0.000470	33.6	27.1778	0.001399 mg/L	Y 371.029
Tl 190.794	0.002278uv	mg/L	0.003370	147.9	3.22007	0.002278 mg/L	Y 371.029
Tl 190.807	0.004602	mg/L	0.005937	129.0	0.690023	0.004602 mg/L	Y 371.029
Tl 351.923	-0.008918uv	mg/L	0.003192	35.8	11.6547	-0.008918 mg/L	Y 371.029
V 268.796	0.000920	mg/L	0.000788	85.7	54.6345	0.000920 mg/L	Y 371.029
V 292.401	-0.000162uv	mg/L	0.000251	154.7	39.9646	-0.000162 mg/L	Y 371.029
V 311.837	0.000610	mg/L	0.000161	26.4	14.2206	0.000610 mg/L	Y 371.029
Zn 202.548	0.001663	mg/L	0.000178	10.7	628.075	0.001663 mg/L	Y 371.029
Zn 206.200	0.001258	mg/L	0.000628	49.9	202.049	0.001258 mg/L	Y 371.029
Zn 213.857	0.000933	mg/L	0.000385	41.2	1172.46	0.000933 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00769	8080.45	37.162	0.5
Y 371.029	0.848027	139846	704.412	0.5

1118055-BLK1 (Samp) **4/27/2011, 1:44:52 PM** **Rack 1, Tube 22**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000412	mg/L	0.000141	34.2	494.630	0.000412 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000361	41.3	-1.64874	uncal mg/L	Y 371.029
Al 237.312	0.008560	mg/L	0.002797	32.7	58.7752	0.008560 mg/L	Y 371.029
Al 257.509	0.021656	mg/L	0.012464	57.6	31.1005	0.021656 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	-0.004967uv	mg/L	0.001130	22.7	1223.27	-0.004967 mg/L	Y 371.029
As 188.980	0.004992	mg/L	0.002256	45.2	6.66674	0.004992 mg/L	Y 371.029
As 193.696	0.006477	mg/L	0.000657	10.1	4.27774	0.006477 mg/L	Y 371.029
As 228.812	0.002601	mg/L	0.002624	100.9	13.7238	0.002601 mg/L	Y 371.029
B 182.577	0.002388	mg/L	0.001227	51.4	5.06124	0.002388 mg/L	Y 371.029
B 249.678	0.001376	mg/L	0.000400	29.1	53.5181	0.001376 mg/L	Y 371.029
B 249.772	0.002081	mg/L	0.000543	26.1	99.2357	0.002081 mg/L	Y 371.029
Ba 233.527	0.000114uv	mg/L	0.000141	124.1	179.144	0.000114 mg/L	Y 371.029
Ba 455.403	-0.000061uv	mg/L	0.000019	31.9	3956.59	-0.000061 mg/L	Y 371.029
Ba 493.408	-0.000001uv	mg/L	0.000026	2430.4	2474.70	-0.000001 mg/L	Y 371.029
Be 234.861	0.000024	mg/L	0.000027	113.2	-0.980004	0.000024 mg/L	Y 371.029
Be 313.042	-0.000000uv	mg/L	0.000005	1888.6	327.729	-0.000000 mg/L	Y 371.029
Be 313.107	0.000013	mg/L	0.000002	13.5	86.6436	0.000013 mg/L	Y 371.029
Ca 393.366	0.003447n	mg/L	0.000028	0.8	22505.3	0.003447 mg/L	Y 371.029
Ca 396.847	0.003455	mg/L	0.000049	1.4	35997.1	0.003455 mg/L	Y 371.029
Ca 430.253	-0.009745uv	mg/L	0.001641	16.8	1158.66	-0.009745 mg/L	Y 371.029
Cd 214.439	0.000175	mg/L	0.000075	42.9	3.58837	0.000175 mg/L	Y 371.029
Cd 226.502	0.000030uv	mg/L	0.000090	297.1	23.4778	0.000030 mg/L	Y 371.029
Cd 228.802	0.000177uv	mg/L	0.000403	227.1	19.6791	0.000177 mg/L	Y 371.029
Co 228.615	0.001041	mg/L	0.000316	30.3	6.55419	0.001041 mg/L	Y 371.029
Co 230.786	0.000471	mg/L	0.000133	28.2	8.81119	0.000471 mg/L	Y 371.029
Co 238.892	0.000519	mg/L	0.000351	67.6	6.95244	0.000519 mg/L	Y 371.029
Cr 205.560	-0.000508uv	mg/L	0.000263	51.8	3.18571	-0.000508 mg/L	Y 371.029
Cr 206.158	0.000436	mg/L	0.000038	8.8	2.23294	0.000436 mg/L	Y 371.029
Cr 267.716	-0.000315uv	mg/L	0.000055	17.4	19.5454	-0.000315 mg/L	Y 371.029
Cu 213.598	0.000674uv	mg/L	0.000744	110.5	4.09040	0.000674 mg/L	Y 371.029
Cu 324.754	-0.000636uv	mg/L	0.000105	16.4	325.095	-0.000636 mg/L	Y 371.029
Cu 327.395	0.000626	mg/L	0.000428	68.4	45.1794	0.000626 mg/L	Y 371.029
Fe 234.350	0.002541	mg/L	0.000020	0.8	35.9957	0.002541 mg/L	Y 371.029
Fe 238.204	0.002718	mg/L	0.000298	11.0	90.3862	0.002718 mg/L	Y 371.029
Fe 259.940	0.002888	mg/L	0.000236	8.2	97.7307	0.002888 mg/L	Y 371.029
Ga 287.423	-0.002166uv	mg/L	0.003661	169.0	12.4120	-0.002166 mg/L	Y 371.029
Ga 294.363	0.002334	mg/L	0.000161	6.9	18.2040	0.002334 mg/L	Y 371.029
Ga 417.204	-0.001379uv	mg/L	0.000890	64.5	99.4127	-0.001379 mg/L	Y 371.029
K 766.491	0.001913	mg/L	0.000126	6.6	2159.14	0.001913 mg/L	Y 371.029
K 769.897	0.002479	mg/L	0.000866	34.9	12578.1	0.002479 mg/L	Y 371.029
Li 610.365	0.011076	mg/L	0.000139	1.3	-16.3396	0.011076 mg/L	Y 371.029
Li 670.783	-0.001888uv	mg/L	0.000035	1.8	60538.2	-0.001888 mg/L	Y 371.029
Mg 279.078	0.003142uv	mg/L	0.004782	152.2	18.7426	0.003142 mg/L	Y 371.029
Mg 280.270	0.001363	mg/L	0.000036	2.7	435.641	0.001363 mg/L	Y 371.029
Mg 285.213	0.001975	mg/L	0.000142	7.2	130.843	0.001975 mg/L	Y 371.029
Mn 257.610	-0.000050uv	mg/L	0.000023	45.5	7.48935	-0.000050 mg/L	Y 371.029
Mn 259.372	0.000027uv	mg/L	0.000060	220.6	54.5324	0.000027 mg/L	Y 371.029
Mn 260.568	0.000010uv	mg/L	0.000065	626.1	7.62909	0.000010 mg/L	Y 371.029
Mo 202.032	0.002030	mg/L	0.000710	35.0	28.3278	0.002030 mg/L	Y 371.029
Mo 203.846	0.004593	mg/L	0.000896	19.5	8.90847	0.004593 mg/L	Y 371.029
Mo 204.598	0.002151	mg/L	0.001272	59.1	6.40481	0.002151 mg/L	Y 371.029
Na 568.821	0.717474	mg/L	0.076010	10.6	284.950	0.717474 mg/L	Y 371.029
Na 588.995	-0.250627uv	mg/L	0.002704	1.1	183821	-0.250627 mg/L	Y 371.029
Na 589.592	-0.090622uv	mg/L	0.000478	0.5	67574.6	-0.090622 mg/L	Y 371.029
Ni 216.555	0.001142	mg/L	0.000559	48.9	6.15411	0.001142 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.001501	mg/L	0.001562	104.1	5.19562	0.001501 mg/L	Y 371.029
Ni 231.604	0.000864	mg/L	0.000258	29.9	8.42892	0.000864 mg/L	Y 371.029
P 177.434	-0.000046uv	mg/L	0.005631	12299.2	2.75472	-0.000046 mg/L	Y 371.029
P 213.618	-0.000733uv	mg/L	0.001492	203.4	2.23044	-0.000733 mg/L	Y 371.029
P 214.914	0.001644uv	mg/L	0.002977	181.0	3.04833	0.001644 mg/L	Y 371.029
Pb 220.353	0.002515	mg/L	0.000907	36.1	7.32104	0.002515 mg/L	Y 371.029
Pb 261.417	0.009288uv	mg/L	0.009684	104.3	20.0704	0.009288 mg/L	Y 371.029
Pb 405.781	0.012690	mg/L	0.003344	26.4	73.4369	0.012690 mg/L	Y 371.029
Sb 206.834	-0.005264uv	mg/L	0.004563	86.7	6.72688	-0.005264 mg/L	Y 371.029
Sb 231.146	-0.006851uv	mg/L	0.003608	52.7	4.36944	-0.006851 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.011770	42.7	9.27816	uncal mg/L	Y 371.029
Se 196.026	0.002576uv	mg/L	0.004994	193.9	4.17126	0.002576 mg/L	Y 371.029
Se 203.985	0.013109	mg/L	0.000932	7.1	6.40039	0.013109 mg/L	Y 371.029
Si 250.690	0.052988	mg/L	0.004027	7.6	113.284	0.052988 mg/L	Y 371.029
Si 251.611	0.054086	mg/L	0.000859	1.6	114.954	0.054086 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001317	2.8	1111.49	uncal mg/L	Y 371.029
Sn 189.927	-0.003350uv	mg/L	0.000242	7.2	2.14752	-0.003350 mg/L	Y 371.029
Sn 283.998	0.000677uv	mg/L	0.003068	453.2	14.5797	0.000677 mg/L	Y 371.029
Sr 216.596	0.001134	mg/L	0.000754	66.5	22.0890	0.001134 mg/L	Y 371.029
Sr 407.771	-0.000013uv	mg/L	0.000004	33.3	5389.45	-0.000013 mg/L	Y 371.029
Sr 421.552	-0.000001uv	mg/L	0.000016	1120.7	3273.07	-0.000001 mg/L	Y 371.029
Ti 334.941	0.002162	mg/L	0.002789	129.0	537.608	0.002162 mg/L	Y 371.029
Ti 336.122	0.000607	mg/L	0.000364	59.9	83.2212	0.000607 mg/L	Y 371.029
Ti 337.280	0.001075	mg/L	0.000418	38.8	17.2896	0.001075 mg/L	Y 371.029
Tl 190.794	-0.000890uv	mg/L	0.002745	308.5	2.12792	-0.000890 mg/L	Y 371.029
Tl 190.807	0.006903	mg/L	0.004810	69.7	1.05179	0.006903 mg/L	Y 371.029
Tl 351.923	-0.012079uv	mg/L	0.004982	41.2	6.63111	-0.012079 mg/L	Y 371.029
V 268.796	0.000620	mg/L	0.000675	108.9	29.3505	0.000620 mg/L	Y 371.029
V 292.401	0.000302	mg/L	0.000174	57.6	53.8700	0.000302 mg/L	Y 371.029
V 311.837	0.000711	mg/L	0.000106	14.9	18.3254	0.000711 mg/L	Y 371.029
Zn 202.548	0.002267	mg/L	0.000442	19.5	633.460	0.002267 mg/L	Y 371.029
Zn 206.200	0.003156	mg/L	0.000249	7.9	207.539	0.003156 mg/L	Y 371.029
Zn 213.857	0.001586	mg/L	0.000519	32.7	1183.54	0.001586 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00615	8068.11	21.310	0.3
Y 371.029	0.845145	139370	528.374	0.4

1118055-BS1 (Samp) **4/27/2011, 1:47:51 PM** **Rack 1, Tube 23**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.533668	mg/L	0.001328	0.2	26105.8	0.533668 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001124	0.2	1509.67	uncal mg/L	Y 371.029
Al 237.312	5.18028	mg/L	0.025083	0.5	6414.65	5.18028 mg/L	Y 371.029
Al 257.509	5.20523	mg/L	0.014517	0.3	2982.21	5.20523 mg/L	Y 371.029
Al 308.215	5.25705	mg/L	0.008330	0.2	32452.4	5.25705 mg/L	Y 371.029
As 188.980	1.06518	mg/L	0.004098	0.4	363.584	1.06518 mg/L	Y 371.029
As 193.696	1.07009	mg/L	0.005917	0.6	441.371	1.07009 mg/L	Y 371.029
As 228.812	1.84179	mg/L	0.004322	0.2	3255.08	1.84179 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	1.03135	mg/L	0.014652	1.4	435.257	1.03135 mg/L	Y 371.029
B 249.678	1.01318	mg/L	0.014739	1.5	8623.82	1.01318 mg/L	Y 371.029
B 249.772	1.01121	mg/L	0.016980	1.7	16599.8	1.01121 mg/L	Y 371.029
Ba 233.527	1.04594	mg/L	0.002521	0.2	40294.2	1.04594 mg/L	Y 371.029
Ba 455.403	1.00550	mg/L	0.000738	0.1	883380	1.00550 mg/L	Y 371.029
Ba 493.408	1.02019	mg/L	0.014768	1.4	549089	1.02019 mg/L	Y 371.029
Be 234.861	1.03205	mg/L	0.000538	0.1	119847	1.03205 mg/L	Y 371.029
Be 313.042	1.02875	mg/L	0.004034	0.4	1737351	1.02875 mg/L	Y 371.029
Be 313.107	1.03597	mg/L	0.004338	0.4	861953	1.03597 mg/L	Y 371.029
Ca 393.366	9.12818n	mg/L	0.037440	0.4	10732201	9.12818 mg/L	Y 371.029
Ca 396.847	9.25607	mg/L	0.036180	0.4	18353898	9.25607 mg/L	Y 371.029
Ca 430.253	10.1627	mg/L	0.011671	0.1	44443.2	10.1627 mg/L	Y 371.029
Cd 214.439	1.03854	mg/L	0.014016	1.3	19206.2	1.03854 mg/L	Y 371.029
Cd 226.502	1.04750	mg/L	0.002237	0.2	38045.9	1.04750 mg/L	Y 371.029
Cd 228.802	1.03346	mg/L	0.002028	0.2	14183.2	1.03346 mg/L	Y 371.029
Co 228.615	1.04837	mg/L	0.009576	0.9	8976.82	1.04837 mg/L	Y 371.029
Co 230.786	1.05414	mg/L	0.003949	0.4	6346.04	1.05414 mg/L	Y 371.029
Co 238.892	1.01106	mg/L	0.004718	0.5	5668.36	1.01106 mg/L	Y 371.029
Cr 205.560	1.01316	mg/L	0.004658	0.5	4116.61	1.01316 mg/L	Y 371.029
Cr 206.158	1.03425	mg/L	0.006436	0.6	1691.05	1.03425 mg/L	Y 371.029
Cr 267.716	1.01832	mg/L	0.001792	0.2	22031.4	1.01832 mg/L	Y 371.029
Cu 213.598	1.03794	mg/L	0.003412	0.3	4056.63	1.03794 mg/L	Y 371.029
Cu 324.754	1.01256	mg/L	0.001209	0.1	32569.3	1.01256 mg/L	Y 371.029
Cu 327.395	1.02449	mg/L	0.004274	0.4	43717.8	1.02449 mg/L	Y 371.029
Fe 234.350	5.39735	mg/L	0.022495	0.4	46902.0	5.39735 mg/L	Y 371.029
Fe 238.204	5.35541	mg/L	0.027222	0.5	95733.9	5.35541 mg/L	Y 371.029
Fe 259.940	5.31643	mg/L	0.005652	0.1	78364.6	5.31643 mg/L	Y 371.029
Ga 287.423	1.03510	mg/L	0.001311	0.1	2412.03	1.03510 mg/L	Y 371.029
Ga 294.363	1.03263	mg/L	0.000751	0.1	6173.62	1.03263 mg/L	Y 371.029
Ga 417.204	1.04283	mg/L	0.002855	0.3	9437.59	1.04283 mg/L	Y 371.029
K 766.491	10.4685	mg/L	0.011463	0.1	719833	10.4685 mg/L	Y 371.029
K 769.897	10.2839	mg/L	0.013809	0.1	595170	10.2839 mg/L	Y 371.029
Li 610.365	1.02890	mg/L	0.002223	0.2	50910.8	1.02890 mg/L	Y 371.029
Li 670.783	1.08783	mg/L	0.004162	0.4	3814425	1.08783 mg/L	Y 371.029
Mg 279.078	10.5349	mg/L	0.027507	0.3	16964.8	10.5349 mg/L	Y 371.029
Mg 280.270	10.0557	mg/L	0.022998	0.2	993641	10.0557 mg/L	Y 371.029
Mg 285.213	10.9156	mg/L	0.007129	0.1	386597	10.9156 mg/L	Y 371.029
Mn 257.610	1.01861	mg/L	0.016875	1.7	148911	1.01861 mg/L	Y 371.029
Mn 259.372	1.02234	mg/L	0.014362	1.4	111728	1.02234 mg/L	Y 371.029
Mn 260.568	1.02545	mg/L	0.006296	0.6	18975.8	1.02545 mg/L	Y 371.029
Mo 202.032	1.00222	mg/L	0.028921	2.9	3442.15	1.00222 mg/L	Y 371.029
Mo 203.846	0.968123	mg/L	0.028525	2.9	1446.29	0.968123 mg/L	Y 371.029
Mo 204.598	0.992954	mg/L	0.032810	3.3	1694.05	0.992954 mg/L	Y 371.029
Na 568.821	9.88307	mg/L	0.072900	0.7	2691.11	9.88307 mg/L	Y 371.029
Na 588.995	10.7105	mg/L	0.094331	0.9	6338778	10.7105 mg/L	Y 371.029
Na 589.592	11.0032	mg/L	0.016319	0.1	3416052	11.0032 mg/L	Y 371.029
Ni 216.555	1.03881	mg/L	0.002453	0.2	5271.31	1.03881 mg/L	Y 371.029
Ni 221.648	1.02909	mg/L	0.002125	0.2	2072.55	1.02909 mg/L	Y 371.029
Ni 231.604	1.04174	mg/L	0.000959	0.1	3512.14	1.04174 mg/L	Y 371.029
P 177.434	1.07054	mg/L	0.001542	0.1	162.052	1.07054 mg/L	Y 371.029
P 213.618	1.05456	mg/L	0.008309	0.8	713.907	1.05456 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	1.09005	mg/L	0.023584	2.2	197.759	1.09005 mg/L	Y 371.029
Pb 220.353	1.04408	mg/L	0.006244	0.6	1139.38	1.04408 mg/L	Y 371.029
Pb 261.417	0.779019	mg/L	0.004115	0.5	400.735	0.779019 mg/L	Y 371.029
Pb 405.781	1.01263	mg/L	0.001911	0.2	1343.60	1.01263 mg/L	Y 371.029
Sb 206.834	1.21394	mg/L	0.007860	0.6	689.129	1.21394 mg/L	Y 371.029
Sb 231.146	1.30050	mg/L	0.009863	0.8	545.099	1.30050 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.039387	3.5	352.916	uncal mg/L	Y 371.029
Se 196.026	1.01735	mg/L	0.028098	2.8	300.920	1.01735 mg/L	Y 371.029
Se 203.985	1.04803	mg/L	0.036197	3.5	191.073	1.04803 mg/L	Y 371.029
Si 250.690	1.10201	mg/L	0.004565	0.4	1447.79	1.10201 mg/L	Y 371.029
Si 251.611	1.07014	mg/L	0.004223	0.4	1598.36	1.07014 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001676	0.2	8710.03	uncal mg/L	Y 371.029
Sn 189.927	1.02849	mg/L	0.005942	0.6	308.193	1.02849 mg/L	Y 371.029
Sn 283.998	0.996270	mg/L	0.005097	0.5	2434.12	0.996270 mg/L	Y 371.029
Sr 216.596	1.07377	mg/L	0.001368	0.1	8415.43	1.07377 mg/L	Y 371.029
Sr 407.771	1.02727	mg/L	0.006130	0.6	2587254	1.02727 mg/L	Y 371.029
Sr 421.552	1.02548	mg/L	0.003196	0.3	1677614	1.02548 mg/L	Y 371.029
Ti 334.941	1.02320	mg/L	0.003599	0.4	218929	1.02320 mg/L	Y 371.029
Ti 336.122	1.01793	mg/L	0.002444	0.2	91624.2	1.01793 mg/L	Y 371.029
Ti 337.280	1.03267	mg/L	0.001806	0.2	31571.9	1.03267 mg/L	Y 371.029
Tl 190.794	1.03492	mg/L	0.002556	0.2	361.086	1.03492 mg/L	Y 371.029
Tl 190.807	1.04693	mg/L	0.007988	0.8	181.996	1.04693 mg/L	Y 371.029
Tl 351.923	1.02346	mg/L	0.000686	0.1	1653.43	1.02346 mg/L	Y 371.029
V 268.796	1.00294	mg/L	0.006137	0.6	9450.51	1.00294 mg/L	Y 371.029
V 292.401	1.02853	mg/L	0.001618	0.2	30763.9	1.02853 mg/L	Y 371.029
V 311.837	1.03273	mg/L	0.001494	0.1	42154.1	1.03273 mg/L	Y 371.029
Zn 202.548	1.03805	mg/L	0.007577	0.7	9759.42	1.03805 mg/L	Y 371.029
Zn 206.200	1.02881	mg/L	0.006933	0.7	3181.29	1.02881 mg/L	Y 371.029
Zn 213.857	1.03068	mg/L	0.018158	1.8	18419.9	1.03068 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02934	8254.01	47.246	0.6
Y 371.029	0.861854	142126	821.800	0.6

11D1234-01 (Samp) **4/27/2011, 1:52:05 PM** **Rack 1, Tube 24**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001828	mg/L	0.000331	18.1	486.847	-0.001828 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001999	397.8	-3.04673	uncal mg/L	Y 371.029
Al 237.312	0.050452	mg/L	0.001335	2.6	122.180	0.050452 mg/L	Y 371.029
Al 257.509	0.056908	mg/L	0.009939	17.5	51.1441	0.056908 mg/L	Y 371.029
Al 308.215	0.053952	mg/L	0.001958	3.6	1488.07	0.053952 mg/L	Y 371.029
As 188.980	0.007809	mg/L	0.002336	29.9	7.05748	0.007809 mg/L	Y 371.029
As 193.696	0.007458	mg/L	0.002125	28.5	4.08054	0.007458 mg/L	Y 371.029
As 228.812	0.005049	mg/L	0.002832	56.1	13.2493	0.005049 mg/L	Y 371.029
B 182.577	0.079284	mg/L	0.004618	5.8	38.4347	0.079284 mg/L	Y 371.029
B 249.678	0.079582	mg/L	0.002245	2.8	740.423	0.079582 mg/L	Y 371.029
B 249.772	0.081109	mg/L	0.002668	3.3	1418.04	0.081109 mg/L	Y 371.029
Ba 233.527	0.053096	mg/L	0.000611	1.2	2261.69	0.053096 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.052583	mg/L	0.000619	1.2	51019.3	0.052583 mg/L	Y 371.029
Ba 493.408	0.051950	mg/L	0.000607	1.2	30938.6	0.051950 mg/L	Y 371.029
Be 234.861	0.000053	mg/L	0.000009	16.8	1.98674	0.000053 mg/L	Y 371.029
Be 313.042	0.000016	mg/L	0.000007	45.4	343.492	0.000016 mg/L	Y 371.029
Be 313.107	0.000015	mg/L	0.000007	47.6	98.0375	0.000015 mg/L	Y 371.029
Ca 393.366	-on	mg/L	1.13470	3.3	40852284	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.324282	1.4	44348204	- mg/L	Y 371.029
Ca 430.253	65.5808	mg/L	0.922728	1.4	279412	65.5808 mg/L	Y 371.029
Cd 214.439	0.000325	mg/L	0.000124	38.1	6.22638	0.000325 mg/L	Y 371.029
Cd 226.502	-0.000178uv	mg/L	0.000087	49.0	21.4967	-0.000178 mg/L	Y 371.029
Cd 228.802	0.000081uv	mg/L	0.000319	395.9	17.8771	0.000081 mg/L	Y 371.029
Co 228.615	0.001974	mg/L	0.000147	7.4	11.7805	0.001974 mg/L	Y 371.029
Co 230.786	0.000354	mg/L	0.000240	67.8	9.00449	0.000354 mg/L	Y 371.029
Co 238.892	-0.000697uv	mg/L	0.000094	13.5	1.91898	-0.000697 mg/L	Y 371.029
Cr 205.560	0.001220	mg/L	0.000170	13.9	13.0226	0.001220 mg/L	Y 371.029
Cr 206.158	0.002222	mg/L	0.001486	66.9	5.16136	0.002222 mg/L	Y 371.029
Cr 267.716	0.001500	mg/L	0.000119	7.9	69.6546	0.001500 mg/L	Y 371.029
Cu 213.598	-0.000206	mg/L	0.000587	284.3	4.20506	-0.000206 mg/L	Y 371.029
Cu 324.754	0.002141uv	mg/L	0.000147	6.8	347.766	0.002141 mg/L	Y 371.029
Cu 327.395	0.000508	mg/L	0.000629	123.6	69.0640	0.000508 mg/L	Y 371.029
Fe 234.350	0.054517	mg/L	0.001305	2.4	620.173	0.054517 mg/L	Y 371.029
Fe 238.204	0.052702	mg/L	0.001237	2.3	1292.24	0.052702 mg/L	Y 371.029
Fe 259.940	0.050941	mg/L	0.001302	2.6	968.042	0.050941 mg/L	Y 371.029
Ga 287.423	-0.002923uv	mg/L	0.002746	93.9	13.1169	-0.002923 mg/L	Y 371.029
Ga 294.363	0.003639	mg/L	0.001125	30.9	18.9666	0.003639 mg/L	Y 371.029
Ga 417.204	-0.001079uv	mg/L	0.000989	91.7	85.4270	-0.001079 mg/L	Y 371.029
K 766.491	4.56656	mg/L	0.055040	1.2	315573	4.56656 mg/L	Y 371.029
K 769.897	4.37407	mg/L	0.052136	1.2	260842	4.37407 mg/L	Y 371.029
Li 610.365	0.013079	mg/L	0.000219	1.7	83.8648	0.013079 mg/L	Y 371.029
Li 670.783	0.012754	mg/L	0.000318	2.5	114223	0.012754 mg/L	Y 371.029
Mg 279.078	14.2892	mg/L	0.180121	1.3	23005.6	14.2892 mg/L	Y 371.029
Mg 280.270	13.5760	mg/L	0.274487	2.0	1341335	13.5760 mg/L	Y 371.029
Mg 285.213	14.7717	mg/L	0.250379	1.7	523082	14.7717 mg/L	Y 371.029
Mn 257.610	0.001520	mg/L	0.000040	2.6	266.355	0.001520 mg/L	Y 371.029
Mn 259.372	-0.000152	mg/L	0.000044	29.1	262.319	-0.000152 mg/L	Y 371.029
Mn 260.568	0.000110	mg/L	0.000101	91.6	97.3875	0.000110 mg/L	Y 371.029
Mo 202.032	0.013934	mg/L	0.003942	28.3	114.548	0.013934 mg/L	Y 371.029
Mo 203.846	0.015885	mg/L	0.004739	29.8	45.9174	0.015885 mg/L	Y 371.029
Mo 204.598	0.014432	mg/L	0.004107	28.5	50.3423	0.014432 mg/L	Y 371.029
Na 568.821	16.6878	mg/L	0.189699	1.1	4507.45	16.6878 mg/L	Y 371.029
Na 588.995	17.6735	mg/L	0.245877	1.4	10246657	17.6735 mg/L	Y 371.029
Na 589.592	17.6003	mg/L	0.235064	1.3	5404059	17.6003 mg/L	Y 371.029
Ni 216.555	0.002539	mg/L	0.000400	15.8	15.0420	0.002539 mg/L	Y 371.029
Ni 221.648	0.001788	mg/L	0.002285	127.8	6.61611	0.001788 mg/L	Y 371.029
Ni 231.604	0.002739	mg/L	0.000499	18.2	19.6126	0.002739 mg/L	Y 371.029
P 177.434	0.010011uv	mg/L	0.008866	88.6	4.10774	0.010011 mg/L	Y 371.029
P 213.618	0.005001	mg/L	0.003998	79.9	8.49342	0.005001 mg/L	Y 371.029
P 214.914	0.024316	mg/L	0.006094	25.1	7.37455	0.024316 mg/L	Y 371.029
Pb 220.353	0.000441	mg/L	0.000356	80.8	6.19477	0.000441 mg/L	Y 371.029
Pb 261.417	-0.000543uv	mg/L	0.004120	758.5	15.2815	-0.000543 mg/L	Y 371.029
Pb 405.781	-0.001811	mg/L	0.003389	187.1	82.1309	-0.001811 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.003282	mg/L	0.002136	65.1	11.9305	-0.003282 mg/L	Y 371.029
Sb 231.146	-0.025884uv	mg/L	0.010488	40.5	5.08877	-0.025884 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.006464	10.4	6.72614	uncal mg/L	Y 371.029
Se 196.026	0.017121	mg/L	0.003920	22.9	10.0655	0.017121 mg/L	Y 371.029
Se 203.985	0.016833	mg/L	0.007890	46.9	5.49880	0.016833 mg/L	Y 371.029
Si 250.690	10.3784	mg/L	0.221863	2.1	13069.9	10.3784 mg/L	Y 371.029
Si 251.611	10.2035	mg/L	0.215555	2.1	14633.9	10.2035 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.204608	2.0	76701.3	uncal mg/L	Y 371.029
Sn 189.927	0.000303uv	mg/L	0.002000	659.6	2.98939	0.000303 mg/L	Y 371.029
Sn 283.998	-0.004306	mg/L	0.001594	37.0	17.6768	-0.004306 mg/L	Y 371.029
Sr 216.596	0.377472	mg/L	0.004136	1.1	2976.06	0.377472 mg/L	Y 371.029
Sr 407.771	0.353903	mg/L	0.003861	1.1	898736	0.353903 mg/L	Y 371.029
Sr 421.552	0.356567	mg/L	0.008143	2.3	587951	0.356567 mg/L	Y 371.029
Ti 334.941	0.003539	mg/L	0.000726	20.5	875.471	0.003539 mg/L	Y 371.029
Ti 336.122	0.003161	mg/L	0.000528	16.7	309.916	0.003161 mg/L	Y 371.029
Ti 337.280	0.003362	mg/L	0.000613	18.2	103.823	0.003362 mg/L	Y 371.029
Tl 190.794	0.004835	mg/L	0.001577	32.6	3.33989	0.004835 mg/L	Y 371.029
Tl 190.807	0.011127	mg/L	0.005442	48.9	1.18537	0.011127 mg/L	Y 371.029
Tl 351.923	-0.006502uv	mg/L	0.007505	115.4	19.1652	-0.006502 mg/L	Y 371.029
V 268.796	0.004996	mg/L	0.000817	16.4	108.774	0.004996 mg/L	Y 371.029
V 292.401	0.005587	mg/L	0.000265	4.7	215.909	0.005587 mg/L	Y 371.029
V 311.837	0.005889	mg/L	0.000297	5.0	233.745	0.005889 mg/L	Y 371.029
Zn 202.548	0.101971	mg/L	0.001900	1.9	1562.47	0.101971 mg/L	Y 371.029
Zn 206.200	0.102877	mg/L	0.001357	1.3	518.471	0.102877 mg/L	Y 371.029
Zn 213.857	0.104084	mg/L	0.000547	0.5	3008.67	0.104084 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02483	8217.89	72.624	0.9
Y 371.029	0.855705	141112	1430.453	1.0

1118055-DUP1 (Samp) **4/27/2011, 1:56:04 PM** **Rack 1, Tube 25**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001581uv	mg/L	0.001105	69.9	496.342	-0.001581 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000561	221.6	-3.74715	uncal mg/L	Y 371.029
Al 237.312	0.056813	mg/L	0.007823	13.8	129.703	0.056813 mg/L	Y 371.029
Al 257.509	0.065334	mg/L	0.012308	18.8	55.9435	0.065334 mg/L	Y 371.029
Al 308.215	0.061925	mg/L	0.000769	1.2	1536.50	0.061925 mg/L	Y 371.029
As 188.980	0.003821uv	mg/L	0.005431	142.1	5.72785	0.003821 mg/L	Y 371.029
As 193.696	0.005351uv	mg/L	0.003801	71.0	3.23137	0.005351 mg/L	Y 371.029
As 228.812	0.009417uv	mg/L	0.008315	88.3	17.3370	0.009417 mg/L	Y 371.029
B 182.577	0.069055	mg/L	0.001852	2.7	34.1374	0.069055 mg/L	Y 371.029
B 249.678	0.067036	mg/L	0.000320	0.5	633.852	0.067036 mg/L	Y 371.029
B 249.772	0.068374	mg/L	0.000030	0.0	1210.10	0.068374 mg/L	Y 371.029
Ba 233.527	0.051688	mg/L	0.000055	0.1	2206.56	0.051688 mg/L	Y 371.029
Ba 455.403	0.051177	mg/L	0.000123	0.2	49766.9	0.051177 mg/L	Y 371.029
Ba 493.408	0.050437	mg/L	0.000115	0.2	30113.6	0.050437 mg/L	Y 371.029
Be 234.861	0.000059	mg/L	0.000009	14.5	2.62332	0.000059 mg/L	Y 371.029
Be 313.042	0.000023	mg/L	0.000003	10.9	357.426	0.000023 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000013	mg/L	0.000018	140.9	96.5285	0.000013 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.576226	1.6	41475740	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.060957	0.3	44426812	- mg/L	Y 371.029
Ca 430.253	64.0899	mg/L	0.039386	0.1	273086	64.0899 mg/L	Y 371.029
Cd 214.439	0.000147	mg/L	0.000102	69.4	2.93983	0.000147 mg/L	Y 371.029
Cd 226.502	-0.000114	mg/L	0.000031	27.7	23.7050	-0.000114 mg/L	Y 371.029
Cd 228.802	0.000214	mg/L	0.000186	86.9	19.7019	0.000214 mg/L	Y 371.029
Co 228.615	0.001859	mg/L	0.000311	16.7	10.8716	0.001859 mg/L	Y 371.029
Co 230.786	0.000434uv	mg/L	0.000702	161.9	9.43923	0.000434 mg/L	Y 371.029
Co 238.892	-0.000457uv	mg/L	0.000140	30.7	3.22821	-0.000457 mg/L	Y 371.029
Cr 205.560	0.000918	mg/L	0.000383	41.8	11.7356	0.000918 mg/L	Y 371.029
Cr 206.158	0.002687	mg/L	0.000316	11.8	5.92113	0.002687 mg/L	Y 371.029
Cr 267.716	0.001386	mg/L	0.000113	8.1	66.9951	0.001386 mg/L	Y 371.029
Cu 213.598	-0.000139	mg/L	0.000509	365.3	4.19751	-0.000139 mg/L	Y 371.029
Cu 324.754	0.002321	mg/L	0.000141	6.1	355.007	0.002321 mg/L	Y 371.029
Cu 327.395	-0.000033uv	mg/L	0.000602	1849.6	45.3608	-0.000033 mg/L	Y 371.029
Fe 234.350	0.049969	mg/L	0.000490	1.0	577.862	0.049969 mg/L	Y 371.029
Fe 238.204	0.048032	mg/L	0.000071	0.1	1202.06	0.048032 mg/L	Y 371.029
Fe 259.940	0.046135	mg/L	0.000326	0.7	893.911	0.046135 mg/L	Y 371.029
Ga 287.423	-0.003646uv	mg/L	0.003194	87.6	11.4228	-0.003646 mg/L	Y 371.029
Ga 294.363	0.004041	mg/L	0.000318	7.9	21.4788	0.004041 mg/L	Y 371.029
Ga 417.204	-0.002639uv	mg/L	0.002853	108.1	72.0623	-0.002639 mg/L	Y 371.029
K 766.491	4.42937	mg/L	0.004632	0.1	306157	4.42937 mg/L	Y 371.029
K 769.897	4.23935	mg/L	0.006733	0.2	253194	4.23935 mg/L	Y 371.029
Li 610.365	0.012968	mg/L	0.000244	1.9	78.3121	0.012968 mg/L	Y 371.029
Li 670.783	0.012668	mg/L	0.000040	0.3	113844	0.012668 mg/L	Y 371.029
Mg 279.078	13.9396	mg/L	0.044696	0.3	22443.1	13.9396 mg/L	Y 371.029
Mg 280.270	13.2724	mg/L	0.110000	0.8	1311342	13.2724 mg/L	Y 371.029
Mg 285.213	14.6212	mg/L	0.131524	0.9	517757	14.6212 mg/L	Y 371.029
Mn 257.610	0.001260	mg/L	0.000016	1.3	230.620	0.001260 mg/L	Y 371.029
Mn 259.372	-0.000361	mg/L	0.000048	13.3	224.581	-0.000361 mg/L	Y 371.029
Mn 260.568	-0.000006	mg/L	0.000164	2562.3	93.1719	-0.000006 mg/L	Y 371.029
Mo 202.032	-0.003022	mg/L	0.001661	55.0	55.8396	-0.003022 mg/L	Y 371.029
Mo 203.846	-0.001889	mg/L	0.001544	81.8	19.0582	-0.001889 mg/L	Y 371.029
Mo 204.598	-0.003288	mg/L	0.002268	69.0	19.7603	-0.003288 mg/L	Y 371.029
Na 568.821	16.2082	mg/L	0.103203	0.6	4381.22	16.2082 mg/L	Y 371.029
Na 588.995	17.3181	mg/L	0.036818	0.2	10047138	17.3181 mg/L	Y 371.029
Na 589.592	17.2014	mg/L	0.034698	0.2	5283711	17.2014 mg/L	Y 371.029
Ni 216.555	0.000112	mg/L	0.000283	253.0	2.74236	0.000112 mg/L	Y 371.029
Ni 221.648	0.001679	mg/L	0.001098	65.4	6.37054	0.001679 mg/L	Y 371.029
Ni 231.604	0.001284	mg/L	0.000792	61.7	14.6175	0.001284 mg/L	Y 371.029
P 177.434	0.008393	mg/L	0.003447	41.1	3.87225	0.008393 mg/L	Y 371.029
P 213.618	0.009295	mg/L	0.001388	14.9	11.2155	0.009295 mg/L	Y 371.029
P 214.914	0.021100	mg/L	0.014982	71.0	6.79291	0.021100 mg/L	Y 371.029
Pb 220.353	0.003870	mg/L	0.001031	26.6	9.89323	0.003870 mg/L	Y 371.029
Pb 261.417	0.005907	mg/L	0.004223	71.5	18.4701	0.005907 mg/L	Y 371.029
Pb 405.781	0.009013	mg/L	0.011779	130.7	95.0577	0.009013 mg/L	Y 371.029
Sb 206.834	-0.008105uv	mg/L	0.003200	39.5	9.15656	-0.008105 mg/L	Y 371.029
Sb 231.146	-0.021514uv	mg/L	0.005757	26.8	6.68144	-0.021514 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.007273	10.7	4.85340	uncal mg/L	Y 371.029
Se 196.026	0.006519	mg/L	0.000719	11.0	6.93595	0.006519 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.005717uv	mg/L	0.006869	120.2	3.74955	0.005717 mg/L	Y 371.029
Si 250.690	10.3224	mg/L	0.145987	1.4	12999.6	10.3224 mg/L	Y 371.029
Si 251.611	10.1355	mg/L	0.154953	1.5	14534.8	10.1355 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.135867	1.3	76769.7	uncal mg/L	Y 371.029
Sn 189.927	0.001243uv	mg/L	0.004463	358.9	3.27286	0.001243 mg/L	Y 371.029
Sn 283.998	-0.004599uv	mg/L	0.005893	128.1	17.5141	-0.004599 mg/L	Y 371.029
Sr 216.596	0.367804	mg/L	0.001189	0.3	2900.22	0.367804 mg/L	Y 371.029
Sr 407.771	0.345121	mg/L	0.001706	0.5	876581	0.345121 mg/L	Y 371.029
Sr 421.552	0.347814	mg/L	0.001024	0.3	573606	0.347814 mg/L	Y 371.029
Ti 334.941	0.002220	mg/L	0.000287	12.9	592.866	0.002220 mg/L	Y 371.029
Ti 336.122	0.001804	mg/L	0.000351	19.5	188.011	0.001804 mg/L	Y 371.029
Ti 337.280	0.002093	mg/L	0.000425	20.3	64.6667	0.002093 mg/L	Y 371.029
Tl 190.794	0.001365uv	mg/L	0.000838	61.4	2.16064	0.001365 mg/L	Y 371.029
Tl 190.807	0.012483	mg/L	0.005220	41.8	1.40260	0.012483 mg/L	Y 371.029
Tl 351.923	-0.002695uv	mg/L	0.003926	145.7	25.1401	-0.002695 mg/L	Y 371.029
V 268.796	0.004928	mg/L	0.000187	3.8	88.4004	0.004928 mg/L	Y 371.029
V 292.401	0.005455	mg/L	0.000261	4.8	211.907	0.005455 mg/L	Y 371.029
V 311.837	0.005445	mg/L	0.000051	0.9	215.611	0.005445 mg/L	Y 371.029
Zn 202.548	0.099661	mg/L	0.000935	0.9	1540.85	0.099661 mg/L	Y 371.029
Zn 206.200	0.099630	mg/L	0.001135	1.1	508.518	0.099630 mg/L	Y 371.029
Zn 213.857	0.100536	mg/L	0.001679	1.7	2946.81	0.100536 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02126	8189.30	3.355	0.0
Y 371.029	0.851417	140405	361.449	0.3

1118055-MS1 (Samp) **4/27/2011, 2:00:00 PM** **Rack 1, Tube 26**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.537367	mg/L	0.004281	0.8	26380.2	0.537367 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002131	0.4	1525.53	uncal mg/L	Y 371.029
Al 237.312	5.26252	mg/L	0.006135	0.1	6527.27	5.26252 mg/L	Y 371.029
Al 257.509	5.27837	mg/L	0.025647	0.5	3023.91	5.27837 mg/L	Y 371.029
Al 308.215	5.30878	mg/L	0.010103	0.2	32678.6	5.30878 mg/L	Y 371.029
As 188.980	1.07465	mg/L	0.000363	0.0	366.228	1.07465 mg/L	Y 371.029
As 193.696	1.08140	mg/L	0.013369	1.2	445.426	1.08140 mg/L	Y 371.029
As 228.812	1.83206	mg/L	0.045796	2.5	3235.66	1.83206 mg/L	Y 371.029
B 182.577	1.09978	mg/L	0.017579	1.6	465.043	1.09978 mg/L	Y 371.029
B 249.678	1.09355	mg/L	0.016182	1.5	9328.04	1.09355 mg/L	Y 371.029
B 249.772	1.09146	mg/L	0.015277	1.4	17937.0	1.09146 mg/L	Y 371.029
Ba 233.527	1.09170	mg/L	0.000363	0.0	42097.9	1.09170 mg/L	Y 371.029
Ba 455.403	1.05035	mg/L	0.002055	0.2	923590	1.05035 mg/L	Y 371.029
Ba 493.408	1.04701	mg/L	0.000561	0.1	564069	1.04701 mg/L	Y 371.029
Be 234.861	1.03751	mg/L	0.004200	0.4	120481	1.03751 mg/L	Y 371.029
Be 313.042	1.02762	mg/L	0.002879	0.3	1735435	1.02762 mg/L	Y 371.029
Be 313.107	1.03488	mg/L	0.002404	0.2	861044	1.03488 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.045555	0.1	42232304	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.008947	0.0	43905284	- mg/L	Y 371.029
Ca 430.253	73.9603	mg/L	0.115270	0.2	315091	73.9603 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	1.02797	mg/L	0.015497	1.5	19010.7	1.02797 mg/L	Y 371.029
Cd 226.502	1.04330	mg/L	0.002053	0.2	37899.0	1.04330 mg/L	Y 371.029
Cd 228.802	1.02807	mg/L	0.005124	0.5	14109.0	1.02807 mg/L	Y 371.029
Co 228.615	1.03613	mg/L	0.009106	0.9	8869.99	1.03613 mg/L	Y 371.029
Co 230.786	1.04712	mg/L	0.001850	0.2	6304.51	1.04712 mg/L	Y 371.029
Co 238.892	1.00393	mg/L	0.009220	0.9	5630.13	1.00393 mg/L	Y 371.029
Cr 205.560	1.00875	mg/L	0.005418	0.5	4101.55	1.00875 mg/L	Y 371.029
Cr 206.158	1.03357	mg/L	0.007752	0.7	1689.99	1.03357 mg/L	Y 371.029
Cr 267.716	1.01753	mg/L	0.002037	0.2	22025.2	1.01753 mg/L	Y 371.029
Cu 213.598	1.02591	mg/L	0.010171	1.0	4013.54	1.02591 mg/L	Y 371.029
Cu 324.754	1.02040	mg/L	0.002443	0.2	32755.6	1.02040 mg/L	Y 371.029
Cu 327.395	1.02239	mg/L	0.004136	0.4	43656.2	1.02239 mg/L	Y 371.029
Fe 234.350	5.43105	mg/L	0.007515	0.1	47324.3	5.43105 mg/L	Y 371.029
Fe 238.204	5.33798	mg/L	0.021799	0.4	95731.9	5.33798 mg/L	Y 371.029
Fe 259.940	5.37902	mg/L	0.059724	1.1	79444.8	5.37902 mg/L	Y 371.029
Ga 287.423	1.03524	mg/L	0.002286	0.2	2414.36	1.03524 mg/L	Y 371.029
Ga 294.363	1.03792	mg/L	0.002505	0.2	6198.44	1.03792 mg/L	Y 371.029
Ga 417.204	1.04293	mg/L	0.002480	0.2	9424.37	1.04293 mg/L	Y 371.029
K 766.491	14.7296	mg/L	0.063621	0.4	1012425	14.7296 mg/L	Y 371.029
K 769.897	14.6720	mg/L	0.053485	0.4	844352	14.6720 mg/L	Y 371.029
Li 610.365	1.00174	mg/L	0.001808	0.2	49551.4	1.00174 mg/L	Y 371.029
Li 670.783	1.09213	mg/L	0.001827	0.2	3832429	1.09213 mg/L	Y 371.029
Mg 279.078	24.3625	mg/L	0.049568	0.2	39214.0	24.3625 mg/L	Y 371.029
Mg 280.270	22.4852	mg/L	0.138638	0.6	2221431	22.4852 mg/L	Y 371.029
Mg 285.213	24.6830	mg/L	0.399255	1.6	874015	24.6830 mg/L	Y 371.029
Mn 257.610	1.01129	mg/L	0.004978	0.5	147899	1.01129 mg/L	Y 371.029
Mn 259.372	1.01110	mg/L	0.006056	0.6	110750	1.01110 mg/L	Y 371.029
Mn 260.568	1.02198	mg/L	0.002796	0.3	18997.2	1.02198 mg/L	Y 371.029
Mo 202.032	1.03065	mg/L	0.020441	2.0	3584.18	1.03065 mg/L	Y 371.029
Mo 203.846	0.998012	mg/L	0.019375	1.9	1510.75	0.998012 mg/L	Y 371.029
Mo 204.598	1.02658	mg/L	0.019771	1.9	1773.99	1.02658 mg/L	Y 371.029
Na 568.821	26.0449	mg/L	0.146215	0.6	6960.15	26.0449 mg/L	Y 371.029
Na 588.995	26.7285	mg/L	0.025705	0.1	15332181	26.7285 mg/L	Y 371.029
Na 589.592	27.4712	mg/L	0.026676	0.1	8383804	27.4712 mg/L	Y 371.029
Ni 216.555	1.03175	mg/L	0.005231	0.5	5237.34	1.03175 mg/L	Y 371.029
Ni 221.648	1.01778	mg/L	0.001495	0.1	2050.71	1.01778 mg/L	Y 371.029
Ni 231.604	1.03505	mg/L	0.003081	0.3	3494.42	1.03505 mg/L	Y 371.029
P 177.434	1.10751	mg/L	0.018081	1.6	167.385	1.10751 mg/L	Y 371.029
P 213.618	1.07648	mg/L	0.003759	0.3	730.457	1.07648 mg/L	Y 371.029
P 214.914	1.12427	mg/L	0.022539	2.0	203.968	1.12427 mg/L	Y 371.029
Pb 220.353	1.04001	mg/L	0.003902	0.4	1136.05	1.04001 mg/L	Y 371.029
Pb 261.417	0.777961	mg/L	0.013325	1.7	400.369	0.777961 mg/L	Y 371.029
Pb 405.781	1.00929	mg/L	0.005239	0.5	1365.35	1.00929 mg/L	Y 371.029
Sb 206.834	1.20994	mg/L	0.002681	0.2	690.889	1.20994 mg/L	Y 371.029
Sb 231.146	1.28307	mg/L	0.010289	0.8	546.161	1.28307 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.021983	2.0	352.115	uncal mg/L	Y 371.029
Se 196.026	1.03648	mg/L	0.025226	2.4	308.078	1.03648 mg/L	Y 371.029
Se 203.985	1.05873	mg/L	0.032691	3.1	191.302	1.05873 mg/L	Y 371.029
Si 250.690	11.2135	mg/L	0.014825	0.1	14136.0	11.2135 mg/L	Y 371.029
Si 251.611	10.9987	mg/L	0.015765	0.1	15800.1	10.9987 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.129472	1.2	82308.2	uncal mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	1.04257	mg/L	0.006505	0.6	312.151	1.04257 mg/L	Y 371.029
Sn 283.998	1.00346	mg/L	0.003637	0.4	2451.34	1.00346 mg/L	Y 371.029
Sr 216.596	1.42321	mg/L	0.005933	0.4	11158.7	1.42321 mg/L	Y 371.029
Sr 407.771	1.36349	mg/L	0.008762	0.6	3435979	1.36349 mg/L	Y 371.029
Sr 421.552	1.37151	mg/L	0.006884	0.5	2244990	1.37151 mg/L	Y 371.029
Ti 334.941	1.02835	mg/L	0.003580	0.3	220072	1.02835 mg/L	Y 371.029
Ti 336.122	1.02161	mg/L	0.003719	0.4	91952.7	1.02161 mg/L	Y 371.029
Ti 337.280	1.03843	mg/L	0.000852	0.1	31763.8	1.03843 mg/L	Y 371.029
Tl 190.794	1.03198	mg/L	0.001559	0.2	359.326	1.03198 mg/L	Y 371.029
Tl 190.807	1.04201	mg/L	0.016792	1.6	180.610	1.04201 mg/L	Y 371.029
Tl 351.923	1.03018	mg/L	0.005400	0.5	1667.62	1.03018 mg/L	Y 371.029
V 268.796	1.00577	mg/L	0.005600	0.6	9536.73	1.00577 mg/L	Y 371.029
V 292.401	1.03313	mg/L	0.000609	0.1	30905.6	1.03313 mg/L	Y 371.029
V 311.837	1.03789	mg/L	0.002200	0.2	42368.8	1.03789 mg/L	Y 371.029
Zn 202.548	1.12423	mg/L	0.010682	1.0	10568.4	1.12423 mg/L	Y 371.029
Zn 206.200	1.12469	mg/L	0.002152	0.2	3480.52	1.12469 mg/L	Y 371.029
Zn 213.857	1.12153	mg/L	0.014716	1.3	20047.7	1.12153 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02855	8247.73	9.119	0.1
Y 371.029	0.859742	141778	56.694	0.0

1118055-MSD1 (Samp) **4/27/2011, 2:04:14 PM** **Rack 1, Tube 27**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.521667	mg/L	0.001945	0.4	25628.3	0.521667 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.003078	0.6	1476.35	uncal mg/L	Y 371.029
Al 237.312	5.19218	mg/L	0.006279	0.1	6441.09	5.19218 mg/L	Y 371.029
Al 257.509	5.20271	mg/L	0.037345	0.7	2980.82	5.20271 mg/L	Y 371.029
Al 308.215	5.26102	mg/L	0.005136	0.1	32394.5	5.26102 mg/L	Y 371.029
As 188.980	1.06941	mg/L	0.004393	0.4	364.455	1.06941 mg/L	Y 371.029
As 193.696	1.07247	mg/L	0.002727	0.3	441.740	1.07247 mg/L	Y 371.029
As 228.812	1.83523	mg/L	0.028952	1.6	3227.15	1.83523 mg/L	Y 371.029
B 182.577	1.10252	mg/L	0.009406	0.9	466.208	1.10252 mg/L	Y 371.029
B 249.678	1.09622	mg/L	0.015573	1.4	9350.85	1.09622 mg/L	Y 371.029
B 249.772	1.09397	mg/L	0.013611	1.2	17977.7	1.09397 mg/L	Y 371.029
Ba 233.527	1.08468	mg/L	0.003338	0.3	41829.5	1.08468 mg/L	Y 371.029
Ba 455.403	1.04299	mg/L	0.001185	0.1	917168	1.04299 mg/L	Y 371.029
Ba 493.408	1.04130	mg/L	0.002294	0.2	561020	1.04130 mg/L	Y 371.029
Be 234.861	1.02999	mg/L	0.000257	0.0	119607	1.02999 mg/L	Y 371.029
Be 313.042	1.01937	mg/L	0.003108	0.3	1721504	1.01937 mg/L	Y 371.029
Be 313.107	1.02685	mg/L	0.002923	0.3	854364	1.02685 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.558484	1.5	43300380	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.383626	1.7	44993740	- mg/L	Y 371.029
Ca 430.253	75.2369	mg/L	0.278181	0.4	320506	75.2369 mg/L	Y 371.029
Cd 214.439	1.01725	mg/L	0.009058	0.9	18812.4	1.01725 mg/L	Y 371.029
Cd 226.502	1.03196	mg/L	0.004036	0.4	37487.5	1.03196 mg/L	Y 371.029
Cd 228.802	1.02099	mg/L	0.003377	0.3	14011.9	1.02099 mg/L	Y 371.029
Co 228.615	1.04214	mg/L	0.001094	0.1	8921.31	1.04214 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	1.03962	mg/L	0.001979	0.2	6259.40	1.03962 mg/L	Y 371.029
Co 238.892	0.991789	mg/L	0.008658	0.9	5562.05	0.991789 mg/L	Y 371.029
Cr 205.560	0.999376	mg/L	0.003775	0.4	4063.56	0.999376 mg/L	Y 371.029
Cr 206.158	1.02202	mg/L	0.004186	0.4	1671.12	1.02202 mg/L	Y 371.029
Cr 267.716	1.00925	mg/L	0.003254	0.3	21846.2	1.00925 mg/L	Y 371.029
Cu 213.598	1.01713	mg/L	0.006068	0.6	3979.53	1.01713 mg/L	Y 371.029
Cu 324.754	1.00922	mg/L	0.002642	0.3	32398.3	1.00922 mg/L	Y 371.029
Cu 327.395	1.01560	mg/L	0.002481	0.2	43367.1	1.01560 mg/L	Y 371.029
Fe 234.350	5.38346	mg/L	0.021577	0.4	46912.3	5.38346 mg/L	Y 371.029
Fe 238.204	5.29650	mg/L	0.054117	1.0	94994.9	5.29650 mg/L	Y 371.029
Fe 259.940	5.30728	mg/L	0.001561	0.0	78392.3	5.30728 mg/L	Y 371.029
Ga 287.423	1.02546	mg/L	0.003550	0.3	2391.80	1.02546 mg/L	Y 371.029
Ga 294.363	1.02749	mg/L	0.003786	0.4	6136.03	1.02749 mg/L	Y 371.029
Ga 417.204	1.03205	mg/L	0.003916	0.4	9326.37	1.03205 mg/L	Y 371.029
K 766.491	14.7639	mg/L	0.083020	0.6	1014787	14.7639 mg/L	Y 371.029
K 769.897	14.7045	mg/L	0.083011	0.6	846206	14.7045 mg/L	Y 371.029
Li 610.365	0.995312	mg/L	0.001483	0.1	49230.0	0.995312 mg/L	Y 371.029
Li 670.783	1.08075	mg/L	0.005113	0.5	3793283	1.08075 mg/L	Y 371.029
Mg 279.078	24.5474	mg/L	0.103556	0.4	39511.6	24.5474 mg/L	Y 371.029
Mg 280.270	22.7449	mg/L	0.120459	0.5	2247081	22.7449 mg/L	Y 371.029
Mg 285.213	24.8497	mg/L	0.110096	0.4	879916	24.8497 mg/L	Y 371.029
Mn 257.610	1.00467	mg/L	0.006045	0.6	146919	1.00467 mg/L	Y 371.029
Mn 259.372	1.00436	mg/L	0.005519	0.5	110026	1.00436 mg/L	Y 371.029
Mn 260.568	1.01277	mg/L	0.007698	0.8	18828.4	1.01277 mg/L	Y 371.029
Mo 202.032	1.04307	mg/L	0.018179	1.7	3627.15	1.04307 mg/L	Y 371.029
Mo 203.846	1.01394	mg/L	0.018700	1.8	1534.72	1.01394 mg/L	Y 371.029
Mo 204.598	1.03942	mg/L	0.020120	1.9	1796.14	1.03942 mg/L	Y 371.029
Na 568.821	26.4133	mg/L	0.102055	0.4	7057.08	26.4133 mg/L	Y 371.029
Na 588.995	27.0450	mg/L	0.178008	0.7	15509828	27.0450 mg/L	Y 371.029
Na 589.592	27.8786	mg/L	0.199704	0.7	8506620	27.8786 mg/L	Y 371.029
Ni 216.555	1.02186	mg/L	0.001670	0.2	5187.22	1.02186 mg/L	Y 371.029
Ni 221.648	1.00322	mg/L	0.003429	0.3	2021.47	1.00322 mg/L	Y 371.029
Ni 231.604	1.02535	mg/L	0.001538	0.1	3461.86	1.02535 mg/L	Y 371.029
P 177.434	1.09277	mg/L	0.002121	0.2	165.189	1.09277 mg/L	Y 371.029
P 213.618	1.06887	mg/L	0.005697	0.5	725.370	1.06887 mg/L	Y 371.029
P 214.914	1.08554	mg/L	0.012547	1.2	197.353	1.08554 mg/L	Y 371.029
Pb 220.353	1.03153	mg/L	0.004064	0.4	1126.86	1.03153 mg/L	Y 371.029
Pb 261.417	0.771566	mg/L	0.004621	0.6	397.232	0.771566 mg/L	Y 371.029
Pb 405.781	0.997736	mg/L	0.014792	1.5	1351.33	0.997736 mg/L	Y 371.029
Sb 206.834	1.19800	mg/L	0.007903	0.7	684.293	1.19800 mg/L	Y 371.029
Sb 231.146	1.25824	mg/L	0.010485	0.8	536.127	1.25824 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.065236	6.1	347.025	uncal mg/L	Y 371.029
Se 196.026	1.03959	mg/L	0.029244	2.8	309.014	1.03959 mg/L	Y 371.029
Se 203.985	1.04715	mg/L	0.030802	2.9	189.194	1.04715 mg/L	Y 371.029
Si 250.690	11.4273	mg/L	0.028992	0.3	14404.1	11.4273 mg/L	Y 371.029
Si 251.611	11.2170	mg/L	0.032993	0.3	16112.1	11.2170 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.104240	0.9	83848.3	uncal mg/L	Y 371.029
Sn 189.927	1.02317	mg/L	0.003698	0.4	306.401	1.02317 mg/L	Y 371.029
Sn 283.998	0.988162	mg/L	0.009041	0.9	2418.77	0.988162 mg/L	Y 371.029
Sr 216.596	1.41666	mg/L	0.006898	0.5	11107.7	1.41666 mg/L	Y 371.029
Sr 407.771	1.35860	mg/L	0.007808	0.6	3423772	1.35860 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	1.37159	mg/L	0.008472	0.6	2245170	1.37159 mg/L	Y 371.029
Ti 334.941	1.01644	mg/L	0.005085	0.5	217525	1.01644 mg/L	Y 371.029
Ti 336.122	1.00966	mg/L	0.004228	0.4	90877.2	1.00966 mg/L	Y 371.029
Ti 337.280	1.02705	mg/L	0.002488	0.2	31416.3	1.02705 mg/L	Y 371.029
Tl 190.794	1.03125	mg/L	0.005354	0.5	359.042	1.03125 mg/L	Y 371.029
Tl 190.807	1.02769	mg/L	0.004717	0.5	178.153	1.02769 mg/L	Y 371.029
Tl 351.923	1.01381	mg/L	0.005757	0.6	1641.64	1.01381 mg/L	Y 371.029
V 268.796	0.997390	mg/L	0.006723	0.7	9484.30	0.997390 mg/L	Y 371.029
V 292.401	1.02369	mg/L	0.002223	0.2	30623.4	1.02369 mg/L	Y 371.029
V 311.837	1.02858	mg/L	0.002514	0.2	41988.5	1.02858 mg/L	Y 371.029
Zn 202.548	1.12488	mg/L	0.007891	0.7	10574.2	1.12488 mg/L	Y 371.029
Zn 206.200	1.11235	mg/L	0.003269	0.3	3445.31	1.11235 mg/L	Y 371.029
Zn 213.857	1.11456	mg/L	0.007169	0.6	19932.7	1.11456 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01979	8177.48	29.213	0.4
Y 371.029	0.852395	140566	440.210	0.3

1118055-SRD1 (Samp) **4/27/2011, 2:08:11 PM** **Rack 1, Tube 28**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000148	mg/L	0.000414	279.7	501.714	0.000741 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001438	61.3	2.46930	uncal mg/L	Y 371.029
Al 237.312	0.018910	mg/L	0.007184	38.0	73.8499	0.094550 mg/L	Y 371.029
Al 257.509	0.017212	mg/L	0.012894	74.9	28.4919	0.086058 mg/L	Y 371.029
Al 308.215	0.000430uv	mg/L	0.000535	124.4	1240.03	0.002149 mg/L	Y 371.029
As 188.980	0.013348	mg/L	0.000798	6.0	9.38333	0.066741 mg/L	Y 371.029
As 193.696	0.015763	mg/L	0.000651	4.1	7.97874	0.078817 mg/L	Y 371.029
As 228.812	0.009434	mg/L	0.003674	38.9	19.4538	0.047170 mg/L	Y 371.029
B 182.577	0.033665	mg/L	0.006216	18.5	18.3714	0.168323 mg/L	Y 371.029
B 249.678	0.035745	mg/L	0.004795	13.4	349.053	0.178727 mg/L	Y 371.029
B 249.772	0.035927	mg/L	0.005338	14.9	656.410	0.179634 mg/L	Y 371.029
Ba 233.527	0.010662	mg/L	0.000056	0.5	593.750	0.053309 mg/L	Y 371.029
Ba 455.403	0.010191	mg/L	0.000016	0.2	13126.6	0.050957 mg/L	Y 371.029
Ba 493.408	0.010178	mg/L	0.000007	0.1	8053.93	0.050891 mg/L	Y 371.029
Be 234.861	0.000055	mg/L	0.000018	33.2	2.48031	0.000273 mg/L	Y 371.029
Be 313.042	0.000009	mg/L	0.000006	60.2	339.924	0.000046 mg/L	Y 371.029
Be 313.107	0.000043	mg/L	0.000010	24.4	112.949	0.000213 mg/L	Y 371.029
Ca 393.366	10.9125n	mg/L	0.036975	0.3	12816581	54.5623 mg/L	Y 371.029
Ca 396.847	11.2014	mg/L	0.033524	0.3	22190270	56.0071 mg/L	Y 371.029
Ca 430.253	12.4429	mg/L	0.021922	0.2	53986.0	62.2147 mg/L	Y 371.029
Cd 214.439	0.000193	mg/L	0.000192	99.4	3.88421	0.000963 mg/L	Y 371.029
Cd 226.502	0.000000uv	mg/L	0.000032	41087.7	23.4934	0.000000 mg/L	Y 371.029
Cd 228.802	0.000335	mg/L	0.000218	64.9	21.7672	0.001677 mg/L	Y 371.029
Co 228.615	0.001461	mg/L	0.000551	37.7	9.60000	0.007303 mg/L	Y 371.029
Co 230.786	-0.000233uv	mg/L	0.000408	175.1	4.81447	-0.001165 mg/L	Y 371.029
Co 238.892	0.000189uv	mg/L	0.000539	285.0	5.44617	0.000945 mg/L	Y 371.029
Cr 205.560	0.000034uv	mg/L	0.000355	1040.1	5.96194	0.000171 mg/L	Y 371.029
Cr 206.158	0.000550uv	mg/L	0.000856	155.5	2.41775	0.002751 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.000369	mg/L	0.000196	53.1	36.4755	0.001845 mg/L	Y 371.029
Cu 213.598	0.000140	mg/L	0.000365	260.4	3.00605	0.000701 mg/L	Y 371.029
Cu 324.754	0.000167uv	mg/L	0.000313	187.4	337.932	0.000836 mg/L	Y 371.029
Cu 327.395	0.001024	mg/L	0.000602	58.8	67.7091	0.005118 mg/L	Y 371.029
Fe 234.350	0.014051	mg/L	0.000929	6.6	162.027	0.070253 mg/L	Y 371.029
Fe 238.204	0.013866	mg/L	0.001317	9.5	350.459	0.069330 mg/L	Y 371.029
Fe 259.940	0.013206	mg/L	0.001331	10.1	281.837	0.066028 mg/L	Y 371.029
Ga 287.423	-0.001708uv	mg/L	0.002343	137.2	13.8632	-0.008538 mg/L	Y 371.029
Ga 294.363	0.004969	mg/L	0.000299	6.0	32.4792	0.024845 mg/L	Y 371.029
Ga 417.204	-0.001061uv	mg/L	0.001020	96.2	99.4817	-0.005305 mg/L	Y 371.029
K 766.491	0.885361	mg/L	0.003760	0.4	62820.3	4.42681 mg/L	Y 371.029
K 769.897	0.841167	mg/L	0.003012	0.4	60210.3	4.20584 mg/L	Y 371.029
Li 610.365	0.011855	mg/L	0.000047	0.4	22.6262	0.059275 mg/L	Y 371.029
Li 670.783	0.001185	mg/L	0.000044	3.7	71757.1	0.005927 mg/L	Y 371.029
Mg 279.078	2.80731	mg/L	0.009948	0.4	4530.78	14.0366 mg/L	Y 371.029
Mg 280.270	2.78722	mg/L	0.031169	1.1	275620	13.9361 mg/L	Y 371.029
Mg 285.213	2.74560	mg/L	0.031023	1.1	97274.2	13.7280 mg/L	Y 371.029
Mn 257.610	0.000251	mg/L	0.000023	9.0	58.2134	0.001255 mg/L	Y 371.029
Mn 259.372	-0.000048	mg/L	0.000128	264.0	108.541	-0.000242 mg/L	Y 371.029
Mn 260.568	-0.000120	mg/L	0.000044	36.3	22.4849	-0.000600 mg/L	Y 371.029
Mo 202.032	0.037287	mg/L	0.005186	13.9	156.263	0.186433 mg/L	Y 371.029
Mo 203.846	0.038423	mg/L	0.005064	13.2	62.7108	0.192116 mg/L	Y 371.029
Mo 204.598	0.037605	mg/L	0.005102	13.6	70.5780	0.188023 mg/L	Y 371.029
Na 568.821	3.50594	mg/L	0.049675	1.4	1024.43	17.5297 mg/L	Y 371.029
Na 588.995	3.65994	mg/L	0.013483	0.4	2379110	18.2997 mg/L	Y 371.029
Na 589.592	3.44969	mg/L	0.012837	0.4	1135516	17.2484 mg/L	Y 371.029
Ni 216.555	0.000989	mg/L	0.000655	66.2	5.74293	0.004945 mg/L	Y 371.029
Ni 221.648	0.000797uv	mg/L	0.001281	160.7	3.95693	0.003987 mg/L	Y 371.029
Ni 231.604	0.000842	mg/L	0.000307	36.5	9.33806	0.004209 mg/L	Y 371.029
P 177.434	0.001108uv	mg/L	0.007707	695.4	2.89855	0.005541 mg/L	Y 371.029
P 213.618	0.001953uv	mg/L	0.005661	289.9	4.48391	0.009763 mg/L	Y 371.029
P 214.914	0.006108	mg/L	0.003538	57.9	3.94380	0.030538 mg/L	Y 371.029
Pb 220.353	0.003031	mg/L	0.003478	114.8	8.10499	0.015153 mg/L	Y 371.029
Pb 261.417	0.004536uv	mg/L	0.007029	155.0	17.6937	0.022678 mg/L	Y 371.029
Pb 405.781	0.000399	mg/L	0.003911	979.8	63.4046	0.001996 mg/L	Y 371.029
Sb 206.834	-0.001628uv	mg/L	0.001376	84.5	9.55191	-0.008140 mg/L	Y 371.029
Sb 231.146	-0.013527uv	mg/L	0.002325	17.2	3.38369	-0.067637 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.004237	11.3	7.89627	uncal mg/L	Y 371.029
Se 196.026	0.016061	mg/L	0.005314	33.1	8.44017	0.080306 mg/L	Y 371.029
Se 203.985	0.010644uv	mg/L	0.013127	123.3	5.68941	0.053222 mg/L	Y 371.029
Si 250.690	2.06048	mg/L	0.009476	0.5	2632.30	10.3024 mg/L	Y 371.029
Si 251.611	2.01984	mg/L	0.001312	0.1	2928.04	10.0992 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.013906	0.7	15511.3	uncal mg/L	Y 371.029
Sn 189.927	0.008407	mg/L	0.003136	37.3	5.58196	0.042037 mg/L	Y 371.029
Sn 283.998	0.007674	mg/L	0.003576	46.6	26.0066	0.038371 mg/L	Y 371.029
Sr 216.596	0.073458	mg/L	0.000598	0.8	589.888	0.367289 mg/L	Y 371.029
Sr 407.771	0.070460	mg/L	0.000222	0.3	183278	0.352298 mg/L	Y 371.029
Sr 421.552	0.070814	mg/L	0.000182	0.3	119396	0.354070 mg/L	Y 371.029
Ti 334.941	0.003100	mg/L	0.000897	28.9	746.421	0.015500 mg/L	Y 371.029
Ti 336.122	0.003018	mg/L	0.000925	30.6	299.267	0.015090 mg/L	Y 371.029
Ti 337.280	0.003077	mg/L	0.000834	27.1	81.7511	0.015384 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.003461	mg/L	0.003827	110.6	3.47650	0.017307 mg/L	Y 371.029
Tl 190.807	0.010817	mg/L	0.007841	72.5	1.66398	0.054086 mg/L	Y 371.029
Tl 351.923	-0.003859uv	mg/L	0.001867	48.4	20.4454	-0.019295 mg/L	Y 371.029
V 268.796	0.002230	mg/L	0.000889	39.9	84.5823	0.011152 mg/L	Y 371.029
V 292.401	0.000840	mg/L	0.000071	8.5	70.7575	0.004198 mg/L	Y 371.029
V 311.837	0.001388	mg/L	0.000254	18.3	46.8367	0.006942 mg/L	Y 371.029
Zn 202.548	0.023275	mg/L	0.000859	3.7	828.145	0.116374 mg/L	Y 371.029
Zn 206.200	0.023438	mg/L	0.000626	2.7	270.602	0.117191 mg/L	Y 371.029
Zn 213.857	0.021757	mg/L	0.000783	3.6	1542.32	0.108786 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03324	8285.30	86.186	1.0
Y 371.029	0.861895	142133	1173.356	0.8

11D1235-01 (Samp) **4/27/2011, 2:11:59 PM** **Rack 1, Tube 29**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002755uv	mg/L	0.000473	17.2	471.475	-0.002755 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000600	77.5	-2.42378	uncal mg/L	Y 371.029
Al 237.312	-0.000392	mg/L	0.003340	852.1	65.1597	-0.000392 mg/L	Y 371.029
Al 257.509	0.006634	mg/L	0.005826	87.8	23.4186	0.006634 mg/L	Y 371.029
Al 308.215	0.009630uv	mg/L	0.001237	12.8	1200.42	0.009630 mg/L	Y 371.029
As 188.980	0.004361uv	mg/L	0.003872	88.8	5.55954	0.004361 mg/L	Y 371.029
As 193.696	0.011384	mg/L	0.000682	6.0	5.42164	0.011384 mg/L	Y 371.029
As 228.812	0.008640	mg/L	0.003649	42.2	15.5548	0.008640 mg/L	Y 371.029
B 182.577	0.133555	mg/L	0.002534	1.9	61.3881	0.133555 mg/L	Y 371.029
B 249.678	0.106840	mg/L	0.001151	1.1	977.616	0.106840 mg/L	Y 371.029
B 249.772	0.108769	mg/L	0.001346	1.2	1875.31	0.108769 mg/L	Y 371.029
Ba 233.527	0.020745	mg/L	0.000115	0.6	1038.31	0.020745 mg/L	Y 371.029
Ba 455.403	0.020354	mg/L	0.000084	0.4	23170.3	0.020354 mg/L	Y 371.029
Ba 493.408	0.020177	mg/L	0.000067	0.3	14130.5	0.020177 mg/L	Y 371.029
Be 234.861	0.000041	mg/L	0.000032	77.4	1.27239	0.000041 mg/L	Y 371.029
Be 313.042	0.000004uv	mg/L	0.000006	147.9	326.355	0.000004 mg/L	Y 371.029
Be 313.107	-0.000003	mg/L	0.000003	101.6	89.0295	-0.000003 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.186597	0.5	42280784	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.125510	0.6	43667184	- mg/L	Y 371.029
Ca 430.253	81.3931	mg/L	0.454221	0.6	346528	81.3931 mg/L	Y 371.029
Cd 214.439	0.000318	mg/L	0.000190	59.9	5.91788	0.000318 mg/L	Y 371.029
Cd 226.502	-0.000067uv	mg/L	0.000124	185.2	26.6522	-0.000067 mg/L	Y 371.029
Cd 228.802	0.000228uv	mg/L	0.000619	271.1	19.6032	0.000228 mg/L	Y 371.029
Co 228.615	0.001190	mg/L	0.000168	14.2	3.93865	0.001190 mg/L	Y 371.029
Co 230.786	0.000299	mg/L	0.000411	137.6	8.64632	0.000299 mg/L	Y 371.029
Co 238.892	-0.000551uv	mg/L	0.000644	116.8	4.32778	-0.000551 mg/L	Y 371.029
Cr 205.560	0.001042	mg/L	0.000396	38.1	12.8971	0.001042 mg/L	Y 371.029
Cr 206.158	0.003355	mg/L	0.000560	16.7	6.77483	0.003355 mg/L	Y 371.029
Cr 267.716	0.001355	mg/L	0.000089	6.6	69.1135	0.001355 mg/L	Y 371.029
Cu 213.598	0.006151	mg/L	0.000311	5.0	30.2051	0.006151 mg/L	Y 371.029
Cu 324.754	0.009902	mg/L	0.000111	1.1	575.017	0.009902 mg/L	Y 371.029
Cu 327.395	0.006578	mg/L	0.000593	9.0	340.370	0.006578 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	-0.016542	mg/L	0.000350	2.1	71.0778	-0.016542 mg/L	Y 371.029
Fe 238.204	-0.019652	mg/L	0.000337	1.7	149.605	-0.019652 mg/L	Y 371.029
Fe 259.940	-0.016642uv	mg/L	0.000101	0.6	35.6071	-0.016642 mg/L	Y 371.029
Ga 287.423	-0.004299uv	mg/L	0.000764	17.8	9.40740	-0.004299 mg/L	Y 371.029
Ga 294.363	0.004797	mg/L	0.000889	18.5	24.4383	0.004797 mg/L	Y 371.029
Ga 417.204	-0.000946uv	mg/L	0.001733	183.1	80.4992	-0.000946 mg/L	Y 371.029
K 766.491	1.60532	mg/L	0.008109	0.5	112797	1.60532 mg/L	Y 371.029
K 769.897	1.51279	mg/L	0.009131	0.6	98939.6	1.51279 mg/L	Y 371.029
Li 610.365	0.012769	mg/L	0.000197	1.5	68.3443	0.012769 mg/L	Y 371.029
Li 670.783	0.010800	mg/L	0.000111	1.0	109312	0.010800 mg/L	Y 371.029
Mg 279.078	24.2687	mg/L	0.112797	0.5	39063.0	24.2687 mg/L	Y 371.029
Mg 280.270	22.4491	mg/L	0.096998	0.4	2217703	22.4491 mg/L	Y 371.029
Mg 285.213	24.6986	mg/L	0.227877	0.9	874566	24.6986 mg/L	Y 371.029
Mn 257.610	0.000078	mg/L	0.000053	67.9	43.3472	0.000078 mg/L	Y 371.029
Mn 259.372	-0.002792	mg/L	0.000049	1.8	73.4325	-0.002792 mg/L	Y 371.029
Mn 260.568	-0.002218	mg/L	0.000127	5.7	113.386	-0.002218 mg/L	Y 371.029
Mo 202.032	-0.009328	mg/L	0.002655	28.5	56.7137	-0.009328 mg/L	Y 371.029
Mo 203.846	-0.005588	mg/L	0.002609	46.7	23.4355	-0.005588 mg/L	Y 371.029
Mo 204.598	-0.009065	mg/L	0.002232	24.6	21.6444	-0.009065 mg/L	Y 371.029
Na 568.821	26.5518	mg/L	0.162201	0.6	7084.59	26.5518 mg/L	Y 371.029
Na 588.995	26.9838	mg/L	0.154599	0.6	15471059	26.9838 mg/L	Y 371.029
Na 589.592	27.7950	mg/L	0.160911	0.6	8477863	27.7950 mg/L	Y 371.029
Ni 216.555	0.002953	mg/L	0.000779	26.4	17.3644	0.002953 mg/L	Y 371.029
Ni 221.648	0.003518	mg/L	0.000615	17.5	10.3077	0.003518 mg/L	Y 371.029
Ni 231.604	0.004883	mg/L	0.000531	10.9	29.0020	0.004883 mg/L	Y 371.029
P 177.434	0.001469uv	mg/L	0.010989	747.9	2.80140	0.001469 mg/L	Y 371.029
P 213.618	-0.002420uv	mg/L	0.004197	173.5	4.73147	-0.002420 mg/L	Y 371.029
P 214.914	0.012339	mg/L	0.004897	39.7	5.56610	0.012339 mg/L	Y 371.029
Pb 220.353	-0.000102uv	mg/L	0.001621	1582.3	5.99718	-0.000102 mg/L	Y 371.029
Pb 261.417	0.000482uv	mg/L	0.006724	1395.4	16.0763	0.000482 mg/L	Y 371.029
Pb 405.781	0.006543	mg/L	0.007241	110.7	101.378	0.006543 mg/L	Y 371.029
Sb 206.834	-0.012280uv	mg/L	0.004004	32.6	8.19431	-0.012280 mg/L	Y 371.029
Sb 231.146	-0.033963uv	mg/L	0.007810	23.0	3.69223	-0.033963 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.007334	10.8	6.16913	uncal mg/L	Y 371.029
Se 196.026	0.007564	mg/L	0.006523	86.2	7.59215	0.007564 mg/L	Y 371.029
Se 203.985	0.015242uv	mg/L	0.019051	125.0	4.76699	0.015242 mg/L	Y 371.029
Si 250.690	10.9490	mg/L	0.056577	0.5	13787.3	10.9490 mg/L	Y 371.029
Si 251.611	10.7173	mg/L	0.048672	0.5	15387.9	10.7173 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.057249	0.5	80617.2	uncal mg/L	Y 371.029
Sn 189.927	0.000931uv	mg/L	0.004550	489.0	3.18406	0.000931 mg/L	Y 371.029
Sn 283.998	-0.004180	mg/L	0.001973	47.2	22.1159	-0.004180 mg/L	Y 371.029
Sr 216.596	0.983177	mg/L	0.008752	0.9	7711.21	0.983177 mg/L	Y 371.029
Sr 407.771	0.936205	mg/L	0.002920	0.3	2362806	0.936205 mg/L	Y 371.029
Sr 421.552	0.938358	mg/L	0.005066	0.5	1538215	0.938358 mg/L	Y 371.029
Ti 334.941	0.000663	mg/L	0.000278	42.0	268.440	0.000663 mg/L	Y 371.029
Ti 336.122	0.000507	mg/L	0.000427	84.1	69.6001	0.000507 mg/L	Y 371.029
Ti 337.280	0.000573	mg/L	0.000674	117.6	23.5931	0.000573 mg/L	Y 371.029
Tl 190.794	0.003230	mg/L	0.000241	7.5	2.58151	0.003230 mg/L	Y 371.029
Tl 190.807	0.015743	mg/L	0.002338	14.9	1.76723	0.015743 mg/L	Y 371.029
Tl 351.923	-0.007790uv	mg/L	0.006698	86.0	17.3737	-0.007790 mg/L	Y 371.029
V 268.796	0.001306	mg/L	0.000348	26.7	69.7447	0.001306 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.002850	mg/L	0.000236	8.3	135.252	0.002850 mg/L	Y 371.029
V 311.837	0.002984	mg/L	0.000163	5.5	115.036	0.002984 mg/L	Y 371.029
Zn 202.548	-0.007026	mg/L	0.000829	11.8	644.272	-0.007026 mg/L	Y 371.029
Zn 206.200	-0.004015	mg/L	0.000762	19.0	220.278	-0.004015 mg/L	Y 371.029
Zn 213.857	-0.005319	mg/L	0.000878	16.5	1257.93	-0.005319 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03368	8288.84	27.818	0.3
Y 371.029	0.863961	142473	817.683	0.6

1118091-BLK1 (Samp) **4/27/2011, 2:27:33 PM** **Rack 1, Tube 30**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002418b	mg/L	0.000353	14.6	519.998	-0.024182 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000816	89.1	-1.19683	uncal mg/L	Y 371.029
Al 237.312	0.002881b	mg/L	0.005650	196.1	62.6509	0.028810 mg/L	Y 371.029
Al 257.509	-0.000157b	mg/L	0.007171	4571.6	34.8273	-0.001569 mg/L	Y 371.029
Al 308.215	0.013349uvb	mg/L	0.001780	13.3	1198.75	0.133494 mg/L	Y 371.029
As 188.980	0.012810uvb	mg/L	0.008429	65.8	6.21070	0.128098 mg/L	Y 371.029
As 193.696	0.012513b	mg/L	0.002676	21.4	4.14067	0.125127 mg/L	Y 371.029
As 228.812	0.010301b	mg/L	0.003587	34.8	14.0505	0.103010 mg/L	Y 371.029
B 182.577	0.003810b	mg/L	0.002150	56.4	5.50271	0.038095 mg/L	Y 371.029
B 249.678	-0.003223uvb	mg/L	0.000812	25.2	33.2988	-0.032225 mg/L	Y 371.029
B 249.772	0.000327b	mg/L	0.000649	198.3	83.2399	0.003271 mg/L	Y 371.029
Ba 233.527	0.002029b	mg/L	0.000076	3.7	261.140	0.020289 mg/L	Y 371.029
Ba 455.403	0.001958b	mg/L	0.000026	1.3	5572.94	0.019576 mg/L	Y 371.029
Ba 493.408	0.001819b	mg/L	0.000030	1.7	3457.29	0.018195 mg/L	Y 371.029
Be 234.861	0.000035b	mg/L	0.000006	17.7	1.70830	0.000350 mg/L	Y 371.029
Be 313.042	0.000010uvb	mg/L	0.000007	72.4	308.808	0.000100 mg/L	Y 371.029
Be 313.107	0.000008b	mg/L	0.000007	79.0	86.8945	0.000083 mg/L	Y 371.029
Ca 393.366	-0.005096nb	mg/L	0.000026	0.5	19532.3	-0.050964 mg/L	Y 371.029
Ca 396.847	-0.003268b	mg/L	0.000070	2.1	31191.2	-0.032682 mg/L	Y 371.029
Ca 430.253	-0.107768uvb	mg/L	0.005916	5.5	1175.37	-1.07768 mg/L	Y 371.029
Cd 214.439	0.000274b	mg/L	0.000116	42.6	5.59102	0.002736 mg/L	Y 371.029
Cd 226.502	-0.000052uvb	mg/L	0.000136	263.2	23.7082	-0.000518 mg/L	Y 371.029
Cd 228.802	0.000080uvb	mg/L	0.000151	188.3	17.7313	0.000803 mg/L	Y 371.029
Co 228.615	0.002348b	mg/L	0.000207	8.8	9.21369	0.023476 mg/L	Y 371.029
Co 230.786	0.000950uvb	mg/L	0.000210	22.1	6.20950	0.009504 mg/L	Y 371.029
Co 238.892	-0.000685uvb	mg/L	0.000579	84.5	6.68761	-0.006847 mg/L	Y 371.029
Cr 205.560	-0.000735uvb	mg/L	0.000326	44.3	3.82448	-0.007353 mg/L	Y 371.029
Cr 206.158	-0.000228b	mg/L	0.000520	228.3	2.71832	-0.002277 mg/L	Y 371.029
Cr 267.716	-0.000456uvb	mg/L	0.000119	26.1	22.9976	-0.004561 mg/L	Y 371.029
Cu 213.598	-0.002330uvb	mg/L	0.000274	11.7	2.21115	-0.023295 mg/L	Y 371.029
Cu 324.754	0.003092uvb	mg/L	0.000700	22.6	335.090	0.030917 mg/L	Y 371.029
Cu 327.395	0.000007b	mg/L	0.000089	1299.6	43.7256	0.000069 mg/L	Y 371.029
Fe 234.350	-0.012781uvb	mg/L	0.000936	7.3	9.35131	-0.127813 mg/L	Y 371.029
Fe 238.204	-0.015652uvb	mg/L	0.000375	2.4	39.9023	-0.156521 mg/L	Y 371.029
Fe 259.940	-0.014856uvb	mg/L	0.000204	1.4	55.4085	-0.148557 mg/L	Y 371.029
Ga 287.423	-0.003681uvb	mg/L	0.002314	62.9	13.8732	-0.036809 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.001803b	mg/L	0.000729	40.4	26.9389	0.018034 mg/L	Y 371.029
Ga 417.204	-0.002729uvb	mg/L	0.000825	30.2	99.9589	-0.027291 mg/L	Y 371.029
K 766.491	-0.006618b	mg/L	0.000436	6.6	2241.83	-0.066181 mg/L	Y 371.029
K 769.897	-0.018816b	mg/L	0.003072	16.3	13055.8	-0.188162 mg/L	Y 371.029
Li 610.365	0.011243b	mg/L	0.000265	2.4	-7.99276	0.112430 mg/L	Y 371.029
Li 670.783	-0.003041uvb	mg/L	0.000141	4.6	60542.0	-0.030405 mg/L	Y 371.029
Mg 279.078	0.001837uvb	mg/L	0.002226	121.2	13.2000	0.018371 mg/L	Y 371.029
Mg 280.270	-0.001686b	mg/L	0.000009	0.5	317.893	-0.016865 mg/L	Y 371.029
Mg 285.213	-0.001509b	mg/L	0.000071	4.7	84.8153	-0.015087 mg/L	Y 371.029
Mn 257.610	0.000197uvb	mg/L	0.000008	4.0	9.13243	0.001968 mg/L	Y 371.029
Mn 259.372	-0.000894b	mg/L	0.000007	0.8	59.6019	-0.008941 mg/L	Y 371.029
Mn 260.568	-0.000194uvb	mg/L	0.000085	43.6	6.95216	-0.001942 mg/L	Y 371.029
Mo 202.032	-0.083576b	mg/L	0.000634	0.8	34.5212	-0.835757 mg/L	Y 371.029
Mo 203.846	-0.084485b	mg/L	0.002547	3.0	11.4928	-0.844850 mg/L	Y 371.029
Mo 204.598	-0.088351b	mg/L	0.001355	1.5	9.51094	-0.883507 mg/L	Y 371.029
Na 568.821	158.760b	mg/L	1.11960	0.7	41257.3	1587.60 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.900512	1.3	38754460	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.67102	1.5	33109986	- mg/L	Y 371.029
Ni 216.555	0.002850b	mg/L	0.000848	29.8	13.2536	0.028504 mg/L	Y 371.029
Ni 221.648	0.000852b	mg/L	0.000517	60.7	4.85256	0.008520 mg/L	Y 371.029
Ni 231.604	0.002941b	mg/L	0.000851	28.9	12.7240	0.029405 mg/L	Y 371.029
P 177.434	0.000433uvb	mg/L	0.005974	1378.2	2.12142	0.004334 mg/L	Y 371.029
P 213.618	-0.011606uvb	mg/L	0.001709	14.7	2.37943	-0.116060 mg/L	Y 371.029
P 214.914	0.003673uvb	mg/L	0.010922	297.4	2.99226	0.036727 mg/L	Y 371.029
Pb 220.353	0.000050b	mg/L	0.001090	2163.6	5.46335	0.000504 mg/L	Y 371.029
Pb 261.417	-0.030960uvb	mg/L	0.007133	23.0	16.9966	-0.309596 mg/L	Y 371.029
Pb 405.781	-0.006940b	mg/L	0.006251	90.1	66.5779	-0.069399 mg/L	Y 371.029
Sb 206.834	-0.013212uvb	mg/L	0.002775	21.0	9.53573	-0.132123 mg/L	Y 371.029
Sb 231.146	0.007464uvb	mg/L	0.005784	77.5	4.78202	0.074635 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.030842	294.4	10.9450	uncal mg/L	Y 371.029
Se 196.026	0.007531uvb	mg/L	0.006456	85.7	4.58843	0.075314 mg/L	Y 371.029
Se 203.985	0.009655uvb	mg/L	0.004807	49.8	4.48811	0.096547 mg/L	Y 371.029
Si 250.690	-0.001742b	mg/L	0.004931	283.0	55.4632	-0.017423 mg/L	Y 371.029
Si 251.611	-0.006823b	mg/L	0.000942	13.8	46.0830	-0.068229 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001697	44.5	769.040	uncal mg/L	Y 371.029
Sn 189.927	-0.001467uvb	mg/L	0.001705	116.2	3.34864	-0.014668 mg/L	Y 371.029
Sn 283.998	-0.006510uvb	mg/L	0.005771	88.6	14.6514	-0.065098 mg/L	Y 371.029
Sr 216.596	0.000691b	mg/L	0.000164	23.8	17.6870	0.006912 mg/L	Y 371.029
Sr 407.771	-0.000086uvb	mg/L	0.000004	4.5	5403.97	-0.000861 mg/L	Y 371.029
Sr 421.552	-0.000121uvb	mg/L	0.000003	2.7	3248.71	-0.001209 mg/L	Y 371.029
Ti 334.941	0.000455b	mg/L	0.000176	38.6	165.629	0.004550 mg/L	Y 371.029
Ti 336.122	0.000429b	mg/L	0.000161	37.5	75.8658	0.004295 mg/L	Y 371.029
Ti 337.280	0.000443b	mg/L	0.000215	48.5	9.24566	0.004435 mg/L	Y 371.029
Tl 190.794	0.006218uvb	mg/L	0.004417	71.0	3.69565	0.062178 mg/L	Y 371.029
Tl 190.807	-0.001246b	mg/L	0.002116	169.8	0.441228	-0.012462 mg/L	Y 371.029
Tl 351.923	-0.002913uvb	mg/L	0.005463	187.6	12.0851	-0.029126 mg/L	Y 371.029
V 268.796	-0.012077uvb	mg/L	0.000435	3.6	24.4902	-0.120775 mg/L	Y 371.029
V 292.401	-0.000523uvb	mg/L	0.000217	41.5	36.5169	-0.005234 mg/L	Y 371.029
V 311.837	0.000398b	mg/L	0.000072	18.0	10.4912	0.003977 mg/L	Y 371.029
Zn 202.548	-0.011263b	mg/L	0.000615	5.5	651.764	-0.112633 mg/L	Y 371.029
Zn 206.200	-0.010465b	mg/L	0.000868	8.3	212.737	-0.104650 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	-0.012731b	mg/L	0.000436	3.4	1203.28	-0.127306 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02302	8203.37	20.923	0.3
Y 371.029	0.846075	139524	466.025	0.3

1118091-BS1 (Samp) **4/27/2011, 2:31:25 PM** **Rack 1, Tube 31**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.538152	mg/L	0.003641	0.7	26321.4	0.538152 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001116	0.2	1519.53	uncal mg/L	Y 371.029
Al 237.312	5.14080	mg/L	0.010831	0.2	6366.20	5.14080 mg/L	Y 371.029
Al 257.509	5.18220	mg/L	0.016280	0.3	2969.10	5.18220 mg/L	Y 371.029
Al 308.215	5.24976	mg/L	0.006722	0.1	32408.6	5.24976 mg/L	Y 371.029
As 188.980	1.07174	mg/L	0.005654	0.5	365.793	1.07174 mg/L	Y 371.029
As 193.696	1.07177	mg/L	0.005091	0.5	442.054	1.07177 mg/L	Y 371.029
As 228.812	1.99485	mg/L	0.034565	1.7	3390.90	1.99485 mg/L	Y 371.029
B 182.577	1.02490	mg/L	0.015393	1.5	432.565	1.02490 mg/L	Y 371.029
B 249.678	1.02125	mg/L	0.004746	0.5	8691.98	1.02125 mg/L	Y 371.029
B 249.772	1.01817	mg/L	0.005821	0.6	16713.1	1.01817 mg/L	Y 371.029
Ba 233.527	1.05048	mg/L	0.002441	0.2	40467.9	1.05048 mg/L	Y 371.029
Ba 455.403	0.995577	mg/L	0.000961	0.1	874704	0.995577 mg/L	Y 371.029
Ba 493.408	1.00876	mg/L	0.015373	1.5	542967	1.00876 mg/L	Y 371.029
Be 234.861	1.03198	mg/L	0.001246	0.1	119839	1.03198 mg/L	Y 371.029
Be 313.042	1.02372	mg/L	0.004040	0.4	1728852	1.02372 mg/L	Y 371.029
Be 313.107	1.03174	mg/L	0.004759	0.5	858433	1.03174 mg/L	Y 371.029
Ca 393.366	9.06640n	mg/L	0.010541	0.1	10659794	9.06640 mg/L	Y 371.029
Ca 396.847	9.17998	mg/L	0.008134	0.1	18203430	9.17998 mg/L	Y 371.029
Ca 430.253	10.2688	mg/L	0.012255	0.1	44894.1	10.2688 mg/L	Y 371.029
Cd 214.439	1.05117	mg/L	0.028089	2.7	19439.7	1.05117 mg/L	Y 371.029
Cd 226.502	1.05636	mg/L	0.001210	0.1	38367.4	1.05636 mg/L	Y 371.029
Cd 228.802	1.03492	mg/L	0.006646	0.6	14203.3	1.03492 mg/L	Y 371.029
Co 228.615	1.04353	mg/L	0.007305	0.7	8936.48	1.04353 mg/L	Y 371.029
Co 230.786	1.05711	mg/L	0.003850	0.4	6364.18	1.05711 mg/L	Y 371.029
Co 238.892	1.01302	mg/L	0.001476	0.1	5679.39	1.01302 mg/L	Y 371.029
Cr 205.560	1.01463	mg/L	0.001584	0.2	4122.53	1.01463 mg/L	Y 371.029
Cr 206.158	1.03265	mg/L	0.003792	0.4	1688.47	1.03265 mg/L	Y 371.029
Cr 267.716	1.01912	mg/L	0.000862	0.1	22048.3	1.01912 mg/L	Y 371.029
Cu 213.598	1.04843	mg/L	0.006093	0.6	4097.49	1.04843 mg/L	Y 371.029
Cu 324.754	1.00781	mg/L	0.002432	0.2	32417.5	1.00781 mg/L	Y 371.029
Cu 327.395	1.01465	mg/L	0.001643	0.2	43298.7	1.01465 mg/L	Y 371.029
Fe 234.350	5.40845	mg/L	0.002068	0.0	46998.1	5.40845 mg/L	Y 371.029
Fe 238.204	5.32407	mg/L	0.044138	0.8	95177.1	5.32407 mg/L	Y 371.029
Fe 259.940	5.33047	mg/L	0.051279	1.0	78569.4	5.33047 mg/L	Y 371.029
Ga 287.423	1.02715	mg/L	0.002144	0.2	2394.69	1.02715 mg/L	Y 371.029
Ga 294.363	1.03068	mg/L	0.002148	0.2	6161.97	1.03068 mg/L	Y 371.029
Ga 417.204	1.04060	mg/L	0.003288	0.3	9418.05	1.04060 mg/L	Y 371.029
K 766.491	10.5930	mg/L	0.008838	0.1	728370	10.5930 mg/L	Y 371.029
K 769.897	10.4030	mg/L	0.010802	0.1	601915	10.4030 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	1.03274	mg/L	0.000842	0.1	51102.8	1.03274 mg/L	Y 371.029
Li 670.783	1.09817	mg/L	0.000981	0.1	3850025	1.09817 mg/L	Y 371.029
Mg 279.078	10.6118	mg/L	0.013860	0.1	17088.5	10.6118 mg/L	Y 371.029
Mg 280.270	10.1269	mg/L	0.026250	0.3	1000670	10.1269 mg/L	Y 371.029
Mg 285.213	10.9142	mg/L	0.091717	0.8	386549	10.9142 mg/L	Y 371.029
Mn 257.610	1.00767	mg/L	0.006285	0.6	147318	1.00767 mg/L	Y 371.029
Mn 259.372	1.01038	mg/L	0.005273	0.5	110446	1.01038 mg/L	Y 371.029
Mn 260.568	1.02198	mg/L	0.002384	0.2	18912.0	1.02198 mg/L	Y 371.029
Mo 202.032	1.00542	mg/L	0.030488	3.0	3453.00	1.00542 mg/L	Y 371.029
Mo 203.846	0.973531	mg/L	0.026721	2.7	1454.30	0.973531 mg/L	Y 371.029
Mo 204.598	1.00314	mg/L	0.030985	3.1	1711.28	1.00314 mg/L	Y 371.029
Na 568.821	9.91460	mg/L	0.027678	0.3	2699.45	9.91460 mg/L	Y 371.029
Na 588.995	10.9191	mg/L	0.036085	0.3	6455826	10.9191 mg/L	Y 371.029
Na 589.592	11.2392	mg/L	0.041621	0.4	3487195	11.2392 mg/L	Y 371.029
Ni 216.555	1.04362	mg/L	0.001215	0.1	5295.62	1.04362 mg/L	Y 371.029
Ni 221.648	1.03673	mg/L	0.001854	0.2	2087.87	1.03673 mg/L	Y 371.029
Ni 231.604	1.04324	mg/L	0.002431	0.2	3517.20	1.04324 mg/L	Y 371.029
P 177.434	1.09467	mg/L	0.013222	1.2	165.636	1.09467 mg/L	Y 371.029
P 213.618	1.07016	mg/L	0.003573	0.3	724.299	1.07016 mg/L	Y 371.029
P 214.914	1.10665	mg/L	0.014682	1.3	200.664	1.10665 mg/L	Y 371.029
Pb 220.353	1.05753	mg/L	0.007602	0.7	1153.99	1.05753 mg/L	Y 371.029
Pb 261.417	0.785183	mg/L	0.023178	3.0	403.788	0.785183 mg/L	Y 371.029
Pb 405.781	1.00266	mg/L	0.003956	0.4	1331.05	1.00266 mg/L	Y 371.029
Sb 206.834	1.20965	mg/L	0.000647	0.1	686.761	1.20965 mg/L	Y 371.029
Sb 231.146	1.29175	mg/L	0.018373	1.4	541.497	1.29175 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.026273	2.4	352.984	uncal mg/L	Y 371.029
Se 196.026	1.03971	mg/L	0.026160	2.5	307.441	1.03971 mg/L	Y 371.029
Se 203.985	1.05550	mg/L	0.041541	3.9	192.242	1.05550 mg/L	Y 371.029
Si 250.690	1.15768	mg/L	0.104437	9.0	1517.59	1.15768 mg/L	Y 371.029
Si 251.611	1.10727	mg/L	0.075292	6.8	1651.24	1.10727 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.007469	0.7	8627.01	uncal mg/L	Y 371.029
Sn 189.927	1.04713	mg/L	0.003065	0.3	313.718	1.04713 mg/L	Y 371.029
Sn 283.998	1.00642	mg/L	0.006775	0.7	2446.56	1.00642 mg/L	Y 371.029
Sr 216.596	1.07462	mg/L	0.005045	0.5	8422.07	1.07462 mg/L	Y 371.029
Sr 407.771	1.02237	mg/L	0.010518	1.0	2574946	1.02237 mg/L	Y 371.029
Sr 421.552	1.02314	mg/L	0.003122	0.3	1673802	1.02314 mg/L	Y 371.029
Ti 334.941	1.02604	mg/L	0.002533	0.2	219536	1.02604 mg/L	Y 371.029
Ti 336.122	1.02234	mg/L	0.001808	0.2	92021.1	1.02234 mg/L	Y 371.029
Ti 337.280	1.03122	mg/L	0.001079	0.1	31527.5	1.03122 mg/L	Y 371.029
Tl 190.794	1.04277	mg/L	0.005319	0.5	363.787	1.04277 mg/L	Y 371.029
Tl 190.807	1.05643	mg/L	0.002450	0.2	183.654	1.05643 mg/L	Y 371.029
Tl 351.923	1.02606	mg/L	0.005963	0.6	1657.56	1.02606 mg/L	Y 371.029
V 268.796	1.00154	mg/L	0.002795	0.3	9444.60	1.00154 mg/L	Y 371.029
V 292.401	1.02578	mg/L	0.001546	0.2	30681.8	1.02578 mg/L	Y 371.029
V 311.837	1.02901	mg/L	0.002793	0.3	42002.7	1.02901 mg/L	Y 371.029
Zn 202.548	1.06609	mg/L	0.009156	0.9	10003.7	1.06609 mg/L	Y 371.029
Zn 206.200	1.05015	mg/L	0.003158	0.3	3242.90	1.05015 mg/L	Y 371.029
Zn 213.857	1.03573	mg/L	0.028531	2.8	18504.7	1.03573 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03278	8281.66	46.688	0.6
Y 371.029	0.858450	141564	845.981	0.6

SEQ-CCV3 (Samp) **4/27/2011, 2:35:39 PM** **Rack 1, Tube 32**
M_200.7_T_WW **CCV**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.102652	mg/L	0.000185	0.2	5408.40	0.102652 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001935	2.0	270.631	uncal mg/L	Y 371.029
Al 237.312	2.54272	mg/L	0.007269	0.3	3174.87	2.54272 mg/L	Y 371.029
Al 257.509	2.58318	mg/L	0.028780	1.1	1489.12	2.58318 mg/L	Y 371.029
Al 308.215	2.56646	mg/L	0.003115	0.1	16509.7	2.56646 mg/L	Y 371.029
As 188.980	0.515185	mg/L	0.007143	1.4	178.326	0.515185 mg/L	Y 371.029
As 193.696	0.521860	mg/L	0.003402	0.7	215.910	0.521860 mg/L	Y 371.029
As 228.812	0.663325	mg/L	0.003866	0.6	997.977	0.663325 mg/L	Y 371.029
B 182.577	0.508666	mg/L	0.004337	0.9	216.676	0.508666 mg/L	Y 371.029
B 249.678	0.516358	mg/L	0.005878	1.1	4413.00	0.516358 mg/L	Y 371.029
B 249.772	0.506226	mg/L	0.001930	0.4	8312.05	0.506226 mg/L	Y 371.029
Ba 233.527	0.509943	mg/L	0.000864	0.2	19734.4	0.509943 mg/L	Y 371.029
Ba 455.403	0.504351	mg/L	0.000141	0.0	445083	0.504351 mg/L	Y 371.029
Ba 493.408	0.499964	mg/L	0.000660	0.1	270345	0.499964 mg/L	Y 371.029
Be 234.861	0.507764	mg/L	0.004649	0.9	58975.0	0.507764 mg/L	Y 371.029
Be 313.042	0.504193	mg/L	0.003277	0.6	851645	0.504193 mg/L	Y 371.029
Be 313.107	0.507224	mg/L	0.002922	0.6	422062	0.507224 mg/L	Y 371.029
Ca 393.366	4.85113n	mg/L	0.007082	0.1	5711890	4.85113 mg/L	Y 371.029
Ca 396.847	4.76006	mg/L	0.005836	0.1	9452827	4.76006 mg/L	Y 371.029
Ca 430.253	5.11645	mg/L	0.007054	0.1	22966.2	5.11645 mg/L	Y 371.029
Cd 214.439	0.260120	mg/L	0.001165	0.4	4810.77	0.260120 mg/L	Y 371.029
Cd 226.502	0.258201	mg/L	0.000211	0.1	9394.98	0.258201 mg/L	Y 371.029
Cd 228.802	0.258350	mg/L	0.000469	0.2	3559.15	0.258350 mg/L	Y 371.029
Co 228.615	0.517998	mg/L	0.000606	0.1	4430.06	0.517998 mg/L	Y 371.029
Co 230.786	0.517962	mg/L	0.000758	0.1	3120.37	0.517962 mg/L	Y 371.029
Co 238.892	0.510122	mg/L	0.003556	0.7	2878.21	0.510122 mg/L	Y 371.029
Cr 205.560	0.506744	mg/L	0.004523	0.9	2060.24	0.506744 mg/L	Y 371.029
Cr 206.158	0.507160	mg/L	0.005894	1.2	829.377	0.507160 mg/L	Y 371.029
Cr 267.716	0.505762	mg/L	0.003851	0.8	10948.3	0.505762 mg/L	Y 371.029
Cu 213.598	0.517750	mg/L	0.002362	0.5	2025.75	0.517750 mg/L	Y 371.029
Cu 324.754	0.499880	mg/L	0.000123	0.0	16242.1	0.499880 mg/L	Y 371.029
Cu 327.395	0.495900	mg/L	0.000490	0.1	21149.9	0.495900 mg/L	Y 371.029
Fe 234.350	0.547267	mg/L	0.001662	0.3	4986.77	0.547267 mg/L	Y 371.029
Fe 238.204	0.537759	mg/L	0.004149	0.8	9914.67	0.537759 mg/L	Y 371.029
Fe 259.940	0.535504	mg/L	0.004632	0.9	8132.08	0.535504 mg/L	Y 371.029
Ga 287.423	0.507718	mg/L	0.003519	0.7	1155.75	0.507718 mg/L	Y 371.029
Ga 294.363	0.514883	mg/L	0.000883	0.2	3079.40	0.514883 mg/L	Y 371.029
Ga 417.204	0.518530	mg/L	0.001394	0.3	4743.81	0.518530 mg/L	Y 371.029
K 766.491	5.33369	mg/L	0.006122	0.1	367766	5.33369 mg/L	Y 371.029
K 769.897	5.14835	mg/L	0.004668	0.1	304237	5.14835 mg/L	Y 371.029
Li 610.365	1.01760	mg/L	0.000641	0.1	50345.0	1.01760 mg/L	Y 371.029
Li 670.783	1.08429	mg/L	0.001067	0.1	3800322	1.08429 mg/L	Y 371.029
Mg 279.078	5.19178	mg/L	0.003968	0.1	8365.65	5.19178 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	5.21718	mg/L	0.006505	0.1	515667	5.21718 mg/L	Y 371.029
Mg 285.213	5.24299	mg/L	0.042300	0.8	185725	5.24299 mg/L	Y 371.029
Mn 257.610	0.510314	mg/L	0.002538	0.5	74573.8	0.510314 mg/L	Y 371.029
Mn 259.372	0.511737	mg/L	0.001004	0.2	55909.1	0.511737 mg/L	Y 371.029
Mn 260.568	0.513471	mg/L	0.003112	0.6	9501.33	0.513471 mg/L	Y 371.029
Mo 202.032	1.10148	mg/L	0.014074	1.3	3769.75	1.10148 mg/L	Y 371.029
Mo 203.846	1.07110	mg/L	0.008104	0.8	1594.29	1.07110 mg/L	Y 371.029
Mo 204.598	1.10033	mg/L	0.011776	1.1	1870.37	1.10033 mg/L	Y 371.029
Na 568.821	5.16606	mg/L	0.074020	1.4	1456.92	5.16606 mg/L	Y 371.029
Na 588.995	5.69770	mg/L	0.006657	0.1	3524116	5.69770 mg/L	Y 371.029
Na 589.592	5.31981	mg/L	0.007682	0.1	1700823	5.31981 mg/L	Y 371.029
Ni 216.555	1.03284	mg/L	0.000992	0.1	5217.58	1.03284 mg/L	Y 371.029
Ni 221.648	1.02161	mg/L	0.001462	0.1	2048.90	1.02161 mg/L	Y 371.029
Ni 231.604	1.03877	mg/L	0.003038	0.3	3486.96	1.03877 mg/L	Y 371.029
P 177.434	0.523503	mg/L	0.004281	0.8	80.6191	0.523503 mg/L	Y 371.029
P 213.618	0.523253	mg/L	0.003106	0.6	355.884	0.523253 mg/L	Y 371.029
P 214.914	0.537962	mg/L	0.023917	4.4	99.6793	0.537962 mg/L	Y 371.029
Pb 220.353	1.03035	mg/L	0.000449	0.0	1124.28	1.03035 mg/L	Y 371.029
Pb 261.417	1.00446	mg/L	0.016264	1.6	513.808	1.00446 mg/L	Y 371.029
Pb 405.781	0.999579	mg/L	0.005824	0.6	1321.75	0.999579 mg/L	Y 371.029
Sb 206.834	0.880392	mg/L	0.007930	0.9	501.103	0.880392 mg/L	Y 371.029
Sb 231.146	0.939737	mg/L	0.008410	0.9	394.873	0.939737 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.025205	2.5	311.121	uncal mg/L	Y 371.029
Se 196.026	1.04944	mg/L	0.012220	1.2	310.028	1.04944 mg/L	Y 371.029
Se 203.985	1.04998	mg/L	0.023958	2.3	182.452	1.04998 mg/L	Y 371.029
Si 250.690	1.05162	mg/L	0.005077	0.5	1374.45	1.05162 mg/L	Y 371.029
Si 251.611	1.03695	mg/L	0.008064	0.8	1539.33	1.03695 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.009036	0.9	8351.02	uncal mg/L	Y 371.029
Sn 189.927	1.05300	mg/L	0.006835	0.6	315.297	1.05300 mg/L	Y 371.029
Sn 283.998	1.02046	mg/L	0.007323	0.7	1935.15	1.02046 mg/L	Y 371.029
Sr 216.596	0.513146	mg/L	0.000935	0.2	4024.70	0.513146 mg/L	Y 371.029
Sr 407.771	0.489848	mg/L	0.003283	0.7	1236576	0.489848 mg/L	Y 371.029
Sr 421.552	0.489190	mg/L	0.000272	0.1	802002	0.489190 mg/L	Y 371.029
Ti 334.941	0.511788	mg/L	0.010004	2.0	109516	0.511788 mg/L	Y 371.029
Ti 336.122	0.513603	mg/L	0.003141	0.6	46237.4	0.513603 mg/L	Y 371.029
Ti 337.280	0.517779	mg/L	0.001869	0.4	15820.9	0.517779 mg/L	Y 371.029
Tl 190.794	0.508903	mg/L	0.004873	1.0	178.734	0.508903 mg/L	Y 371.029
Tl 190.807	0.520693	mg/L	0.014988	2.9	91.4695	0.520693 mg/L	Y 371.029
Tl 351.923	0.508201	mg/L	0.006439	1.3	834.264	0.508201 mg/L	Y 371.029
V 268.796	0.510938	mg/L	0.002288	0.4	5439.77	0.510938 mg/L	Y 371.029
V 292.401	0.502048	mg/L	0.003553	0.7	15028.0	0.502048 mg/L	Y 371.029
V 311.837	0.512659	mg/L	0.000495	0.1	20908.9	0.512659 mg/L	Y 371.029
Zn 202.548	0.541622	mg/L	0.000838	0.2	5383.72	0.541622 mg/L	Y 371.029
Zn 206.200	0.529637	mg/L	0.005337	1.0	1734.40	0.529637 mg/L	Y 371.029
Zn 213.857	0.524329	mg/L	0.003912	0.7	9983.11	0.524329 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01835	8165.95	38.060	0.5
Y 371.029	0.852705	140617	525.210	0.4

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SEQ-CCB3 (Samp) **4/27/2011, 2:39:30 PM** **Rack 1, Tube 33**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000767	mg/L	0.000268	34.9	512.153	0.000767 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000718	111.7	-2.33143	uncal mg/L	Y 371.029
Al 237.312	0.011264	mg/L	0.002074	18.4	62.0319	0.011264 mg/L	Y 371.029
Al 257.509	0.009104	mg/L	0.007283	80.0	23.9174	0.009104 mg/L	Y 371.029
Al 308.215	-0.008198uv	mg/L	0.000725	8.8	1204.95	-0.008198 mg/L	Y 371.029
As 188.980	0.008698	mg/L	0.001386	15.9	7.91899	0.008698 mg/L	Y 371.029
As 193.696	0.012255	mg/L	0.001841	15.0	6.65844	0.012255 mg/L	Y 371.029
As 228.812	0.010784	mg/L	0.003332	30.9	20.8168	0.010784 mg/L	Y 371.029
B 182.577	0.012739	mg/L	0.005138	40.3	9.38578	0.012739 mg/L	Y 371.029
B 249.678	0.013738	mg/L	0.002901	21.1	157.917	0.013738 mg/L	Y 371.029
B 249.772	0.014230	mg/L	0.002993	21.0	296.795	0.014230 mg/L	Y 371.029
Ba 233.527	0.000272	mg/L	0.000159	58.5	185.196	0.000272 mg/L	Y 371.029
Ba 455.403	-0.000084uv	mg/L	0.000015	18.2	3935.49	-0.000084 mg/L	Y 371.029
Ba 493.408	-0.000028uv	mg/L	0.000004	13.8	2459.89	-0.000028 mg/L	Y 371.029
Be 234.861	0.000045	mg/L	0.000037	81.1	1.53203	0.000045 mg/L	Y 371.029
Be 313.042	-0.000000uv	mg/L	0.000006	4603.2	326.400	-0.000000 mg/L	Y 371.029
Be 313.107	0.000017	mg/L	0.000015	90.2	89.3903	0.000017 mg/L	Y 371.029
Ca 393.366	-0.002639nuv	mg/L	0.000071	2.7	15374.7	-0.002639 mg/L	Y 371.029
Ca 396.847	-0.002327uv	mg/L	0.000040	1.7	24579.1	-0.002327 mg/L	Y 371.029
Ca 430.253	-0.011417uv	mg/L	0.005280	46.2	1151.14	-0.011417 mg/L	Y 371.029
Cd 214.439	0.000236	mg/L	0.000063	26.7	4.69818	0.000236 mg/L	Y 371.029
Cd 226.502	-0.000006uv	mg/L	0.000080	1460.7	22.2029	-0.000006 mg/L	Y 371.029
Cd 228.802	0.000161uv	mg/L	0.000150	93.1	19.4724	0.000161 mg/L	Y 371.029
Co 228.615	0.001266	mg/L	0.000600	47.4	8.42482	0.001266 mg/L	Y 371.029
Co 230.786	0.000154	mg/L	0.000112	72.7	6.93440	0.000154 mg/L	Y 371.029
Co 238.892	0.000037uv	mg/L	0.000614	1668.9	4.29990	0.000037 mg/L	Y 371.029
Cr 205.560	0.000016uv	mg/L	0.000385	2481.3	5.31868	0.000016 mg/L	Y 371.029
Cr 206.158	0.001362	mg/L	0.001439	105.6	3.74011	0.001362 mg/L	Y 371.029
Cr 267.716	-0.000069uv	mg/L	0.000077	110.6	25.0091	-0.000069 mg/L	Y 371.029
Cu 213.598	0.000342	mg/L	0.000315	92.0	3.08928	0.000342 mg/L	Y 371.029
Cu 324.754	-0.000927uv	mg/L	0.000062	6.7	315.649	-0.000927 mg/L	Y 371.029
Cu 327.395	0.001225	mg/L	0.000413	33.7	70.6514	0.001225 mg/L	Y 371.029
Fe 234.350	-0.000226uv	mg/L	0.000379	167.6	12.3668	-0.000226 mg/L	Y 371.029
Fe 238.204	0.000309	mg/L	0.000464	150.2	48.2798	0.000309 mg/L	Y 371.029
Fe 259.940	0.000274uv	mg/L	0.000644	235.2	59.8463	0.000274 mg/L	Y 371.029
Ga 287.423	0.001838uv	mg/L	0.005955	324.0	21.1161	0.001838 mg/L	Y 371.029
Ga 294.363	0.003893	mg/L	0.000284	7.3	27.4872	0.003893 mg/L	Y 371.029
Ga 417.204	-0.000953uv	mg/L	0.000473	49.7	103.269	-0.000953 mg/L	Y 371.029
K 766.491	-0.000162uv	mg/L	0.000192	118.0	2017.26	-0.000162 mg/L	Y 371.029
K 769.897	0.003169	mg/L	0.000522	16.5	12620.5	0.003169 mg/L	Y 371.029
Li 610.365	0.011330	mg/L	0.000098	0.9	-3.65124	0.011330 mg/L	Y 371.029
Li 670.783	-0.001763uv	mg/L	0.000018	1.0	60971.8	-0.001763 mg/L	Y 371.029
Mg 279.078	-0.000320uv	mg/L	0.001083	338.2	13.0992	-0.000320 mg/L	Y 371.029
Mg 280.270	-0.000182uv	mg/L	0.000033	18.1	283.659	-0.000182 mg/L	Y 371.029
Mg 285.213	0.000581	mg/L	0.000118	20.4	81.7303	0.000581 mg/L	Y 371.029
Mn 257.610	0.046148	mg/L	0.001880	4.1	6676.98	0.046148 mg/L	Y 371.029
Mn 259.372	0.046251	mg/L	0.002233	4.8	5035.53	0.046251 mg/L	Y 371.029
Mn 260.568	0.045684	mg/L	0.002046	4.5	847.305	0.045684 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.031955	mg/L	0.004076	12.8	129.244	0.031955 mg/L	Y 371.029
Mo 203.846	0.035127	mg/L	0.003458	9.8	53.8824	0.035127 mg/L	Y 371.029
Mo 204.598	0.032782	mg/L	0.003338	10.2	57.9229	0.032782 mg/L	Y 371.029
Na 568.821	0.493442	mg/L	0.065829	13.3	227.006	0.493442 mg/L	Y 371.029
Na 588.995	-0.227797uv	mg/L	0.001321	0.6	196671	-0.227797 mg/L	Y 371.029
Na 589.592	-0.073149uv	mg/L	0.000643	0.9	72855.5	-0.073149 mg/L	Y 371.029
Ni 216.555	0.000767	mg/L	0.000498	64.9	4.31045	0.000767 mg/L	Y 371.029
Ni 221.648	0.001131	mg/L	0.000996	88.0	4.45545	0.001131 mg/L	Y 371.029
Ni 231.604	0.000811	mg/L	0.000652	80.4	8.25196	0.000811 mg/L	Y 371.029
P 177.434	0.001162uv	mg/L	0.006725	578.7	2.92986	0.001162 mg/L	Y 371.029
P 213.618	-0.000628uv	mg/L	0.001985	316.1	2.31407	-0.000628 mg/L	Y 371.029
P 214.914	0.000286uv	mg/L	0.002454	857.7	2.86181	0.000286 mg/L	Y 371.029
Pb 220.353	0.003408	mg/L	0.002267	66.5	8.29097	0.003408 mg/L	Y 371.029
Pb 261.417	0.004456	mg/L	0.004484	100.6	17.7120	0.004456 mg/L	Y 371.029
Pb 405.781	0.004963uv	mg/L	0.005512	111.1	64.0225	0.004963 mg/L	Y 371.029
Sb 206.834	0.051875	mg/L	0.006250	12.0	38.4243	0.051875 mg/L	Y 371.029
Sb 231.146	0.051209	mg/L	0.011224	21.9	28.1575	0.051209 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.007285	13.4	33.4058	uncal mg/L	Y 371.029
Se 196.026	0.011967	mg/L	0.007113	59.4	6.92485	0.011967 mg/L	Y 371.029
Se 203.985	0.013204	mg/L	0.009664	73.2	6.44046	0.013204 mg/L	Y 371.029
Si 250.690	0.001669uv	mg/L	0.003614	216.6	48.8328	0.001669 mg/L	Y 371.029
Si 251.611	0.001749	mg/L	0.000736	42.1	41.0180	0.001749 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001528	31.3	727.708	uncal mg/L	Y 371.029
Sn 189.927	0.000501uv	mg/L	0.005754	1148.8	3.28615	0.000501 mg/L	Y 371.029
Sn 283.998	0.005554	mg/L	0.004568	82.2	22.3138	0.005554 mg/L	Y 371.029
Sr 216.596	0.000769	mg/L	0.000337	43.8	19.2396	0.000769 mg/L	Y 371.029
Sr 407.771	-0.000037uv	mg/L	0.000009	25.3	5329.24	-0.000037 mg/L	Y 371.029
Sr 421.552	-0.000038uv	mg/L	0.000006	15.2	3213.44	-0.000038 mg/L	Y 371.029
Ti 334.941	0.001571	mg/L	0.000439	28.0	411.239	0.001571 mg/L	Y 371.029
Ti 336.122	0.001637	mg/L	0.000411	25.1	175.873	0.001637 mg/L	Y 371.029
Ti 337.280	0.001783	mg/L	0.000755	42.3	38.9820	0.001783 mg/L	Y 371.029
Tl 190.794	0.003125	mg/L	0.000642	20.5	3.54094	0.003125 mg/L	Y 371.029
Tl 190.807	0.010286	mg/L	0.006317	61.4	1.68068	0.010286 mg/L	Y 371.029
Tl 351.923	-0.008803uv	mg/L	0.002661	30.2	11.8176	-0.008803 mg/L	Y 371.029
V 268.796	0.000663	mg/L	0.000633	95.5	61.9773	0.000663 mg/L	Y 371.029
V 292.401	-0.000493uv	mg/L	0.000187	37.9	30.1102	-0.000493 mg/L	Y 371.029
V 311.837	0.000659	mg/L	0.000402	60.9	16.2705	0.000659 mg/L	Y 371.029
Zn 202.548	0.002232	mg/L	0.000051	2.3	633.019	0.002232 mg/L	Y 371.029
Zn 206.200	0.002207	mg/L	0.000437	19.8	204.779	0.002207 mg/L	Y 371.029
Zn 213.857	0.000674	mg/L	0.001013	150.3	1168.16	0.000674 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01144	8110.55	20.320	0.3
Y 371.029	0.849389	140070	249.951	0.2

1118091-BS2 (Samp)	**4/27/2011, 2:52:20 PM**	**Rack 1, Tube 34**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 1**

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.102054	mg/L	0.000344	0.3	5376.16	0.102054 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000935	1.0	268.579	uncal mg/L	Y 371.029
Al 237.312	1.00188	mg/L	0.006138	0.6	1279.52	1.00188 mg/L	Y 371.029
Al 257.509	1.01348	mg/L	0.008063	0.8	595.758	1.01348 mg/L	Y 371.029
Al 308.215	1.01505	mg/L	0.000530	0.1	7276.14	1.01505 mg/L	Y 371.029
As 188.980	0.207297	mg/L	0.001028	0.5	74.7760	0.207297 mg/L	Y 371.029
As 193.696	0.202612	mg/L	0.003517	1.7	84.8846	0.202612 mg/L	Y 371.029
As 228.812	0.374817	mg/L	0.007548	2.0	659.269	0.374817 mg/L	Y 371.029
B 182.577	0.197691	mg/L	0.005308	2.7	86.7191	0.197691 mg/L	Y 371.029
B 249.678	0.201162	mg/L	0.002082	1.0	1745.67	0.201162 mg/L	Y 371.029
B 249.772	0.196879	mg/L	0.002054	1.0	3284.41	0.196879 mg/L	Y 371.029
Ba 233.527	0.203416	mg/L	0.000361	0.2	7977.17	0.203416 mg/L	Y 371.029
Ba 455.403	0.199578	mg/L	0.000544	0.3	178551	0.199578 mg/L	Y 371.029
Ba 493.408	0.198411	mg/L	0.000521	0.3	108783	0.198411 mg/L	Y 371.029
Be 234.861	0.200597	mg/L	0.000468	0.2	23291.5	0.200597 mg/L	Y 371.029
Be 313.042	0.203528	mg/L	0.000436	0.2	343981	0.203528 mg/L	Y 371.029
Be 313.107	0.204272	mg/L	0.000451	0.2	170020	0.204272 mg/L	Y 371.029
Ca 393.366	2.03910n	mg/L	0.003445	0.2	2411502	2.03910 mg/L	Y 371.029
Ca 396.847	1.98040	mg/L	0.003966	0.2	3949600	1.98040 mg/L	Y 371.029
Ca 430.253	2.00202	mg/L	0.002852	0.1	9717.80	2.00202 mg/L	Y 371.029
Cd 214.439	0.201070	mg/L	0.001426	0.7	3718.74	0.201070 mg/L	Y 371.029
Cd 226.502	0.204559	mg/L	0.000831	0.4	7447.68	0.204559 mg/L	Y 371.029
Cd 228.802	0.202692	mg/L	0.000614	0.3	2795.60	0.202692 mg/L	Y 371.029
Co 228.615	0.204650	mg/L	0.000888	0.4	1750.66	0.204650 mg/L	Y 371.029
Co 230.786	0.203756	mg/L	0.000658	0.3	1231.48	0.203756 mg/L	Y 371.029
Co 238.892	0.196189	mg/L	0.001901	1.0	1103.18	0.196189 mg/L	Y 371.029
Cr 205.560	0.195282	mg/L	0.000395	0.2	797.680	0.195282 mg/L	Y 371.029
Cr 206.158	0.198974	mg/L	0.001847	0.9	326.568	0.198974 mg/L	Y 371.029
Cr 267.716	0.199109	mg/L	0.001036	0.5	4328.73	0.199109 mg/L	Y 371.029
Cu 213.598	0.200578	mg/L	0.000991	0.5	784.968	0.200578 mg/L	Y 371.029
Cu 324.754	0.193457	mg/L	0.000310	0.2	6501.90	0.193457 mg/L	Y 371.029
Cu 327.395	0.197122	mg/L	0.000069	0.0	8426.73	0.197122 mg/L	Y 371.029
Fe 234.350	1.04011	mg/L	0.002127	0.2	9049.52	1.04011 mg/L	Y 371.029
Fe 238.204	1.04490	mg/L	0.006728	0.6	18710.8	1.04490 mg/L	Y 371.029
Fe 259.940	1.03081	mg/L	0.004775	0.5	15238.1	1.03081 mg/L	Y 371.029
Ga 287.423	0.192918	mg/L	0.001832	0.9	464.232	0.192918 mg/L	Y 371.029
Ga 294.363	0.200280	mg/L	0.002144	1.1	1200.77	0.200280 mg/L	Y 371.029
Ga 417.204	0.194337	mg/L	0.001875	1.0	1851.66	0.194337 mg/L	Y 371.029
K 766.491	2.12409	mg/L	0.002987	0.1	147669	2.12409 mg/L	Y 371.029
K 769.897	2.02014	mg/L	0.003580	0.2	126905	2.02014 mg/L	Y 371.029
Li 610.365	0.174041	mg/L	0.000188	0.1	8137.59	0.174041 mg/L	Y 371.029
Li 670.783	0.209725	mg/L	0.000274	0.1	789499	0.209725 mg/L	Y 371.029
Mg 279.078	2.04869	mg/L	0.004827	0.2	3310.13	2.04869 mg/L	Y 371.029
Mg 280.270	2.03365	mg/L	0.021880	1.1	201190	2.03365 mg/L	Y 371.029
Mg 285.213	2.04944	mg/L	0.043560	2.1	72634.6	2.04944 mg/L	Y 371.029
Mn 257.610	0.199922	mg/L	0.001082	0.5	29230.8	0.199922 mg/L	Y 371.029
Mn 259.372	0.199794	mg/L	0.001109	0.6	21863.8	0.199794 mg/L	Y 371.029
Mn 260.568	0.199374	mg/L	0.002295	1.2	3695.24	0.199374 mg/L	Y 371.029
Mo 202.032	0.179632	mg/L	0.002667	1.5	634.484	0.179632 mg/L	Y 371.029
Mo 203.846	0.177772	mg/L	0.001167	0.7	267.224	0.177772 mg/L	Y 371.029
Mo 204.598	0.180977	mg/L	0.002146	1.2	310.956	0.180977 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	2.28661	mg/L	0.102606	4.5	697.531	2.28661 mg/L	Y 371.029
Na 588.995	2.05265	mg/L	0.007242	0.4	1477064	2.05265 mg/L	Y 371.029
Na 589.592	1.99597	mg/L	0.006599	0.3	697403	1.99597 mg/L	Y 371.029
Ni 216.555	0.201720	mg/L	0.000687	0.3	1023.88	0.201720 mg/L	Y 371.029
Ni 221.648	0.198498	mg/L	0.000657	0.3	401.529	0.198498 mg/L	Y 371.029
Ni 231.604	0.202924	mg/L	0.000371	0.2	688.561	0.202924 mg/L	Y 371.029
P 177.434	0.206375	mg/L	0.010255	5.0	33.4696	0.206375 mg/L	Y 371.029
P 213.618	0.199080	mg/L	0.001905	1.0	137.047	0.199080 mg/L	Y 371.029
P 214.914	0.220774	mg/L	0.007300	3.3	42.1456	0.220774 mg/L	Y 371.029
Pb 220.353	0.203806	mg/L	0.004258	2.1	226.099	0.203806 mg/L	Y 371.029
Pb 261.417	0.141205	mg/L	0.013617	9.6	85.2568	0.141205 mg/L	Y 371.029
Pb 405.781	0.196228	mg/L	0.003862	2.0	306.685	0.196228 mg/L	Y 371.029
Sb 206.834	0.229530	mg/L	0.000591	0.3	138.135	0.229530 mg/L	Y 371.029
Sb 231.146	0.249777	mg/L	0.007466	3.0	110.490	0.249777 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.015113	8.3	71.9824	uncal mg/L	Y 371.029
Se 196.026	0.188672	mg/L	0.002542	1.3	58.5997	0.188672 mg/L	Y 371.029
Se 203.985	0.192492	mg/L	0.009829	5.1	38.7363	0.192492 mg/L	Y 371.029
Si 250.690	0.249314	mg/L	0.002697	1.1	363.110	0.249314 mg/L	Y 371.029
Si 251.611	0.250346	mg/L	0.001503	0.6	401.313	0.250346 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002279	0.9	2585.90	uncal mg/L	Y 371.029
Sn 189.927	0.196185	mg/L	0.002448	1.2	61.3287	0.196185 mg/L	Y 371.029
Sn 283.998	0.189333	mg/L	0.006056	3.2	475.712	0.189333 mg/L	Y 371.029
Sr 216.596	0.210229	mg/L	0.000196	0.1	1658.23	0.210229 mg/L	Y 371.029
Sr 407.771	0.205063	mg/L	0.000750	0.4	520804	0.205063 mg/L	Y 371.029
Sr 421.552	0.205862	mg/L	0.000983	0.5	339390	0.205862 mg/L	Y 371.029
Ti 334.941	0.202378	mg/L	0.001079	0.5	43361.1	0.202378 mg/L	Y 371.029
Ti 336.122	0.200808	mg/L	0.001513	0.8	18097.2	0.200808 mg/L	Y 371.029
Ti 337.280	0.198127	mg/L	0.001588	0.8	6044.80	0.198127 mg/L	Y 371.029
Tl 190.794	0.195246	mg/L	0.004892	2.5	70.1069	0.195246 mg/L	Y 371.029
Tl 190.807	1.03544	mg/L	0.007078	0.7	179.447	1.03544 mg/L	Y 371.029
Tl 351.923	0.196331	mg/L	0.005959	3.0	338.052	0.196331 mg/L	Y 371.029
V 268.796	0.198596	mg/L	0.000348	0.2	1871.53	0.198596 mg/L	Y 371.029
V 292.401	0.198224	mg/L	0.000533	0.3	5965.16	0.198224 mg/L	Y 371.029
V 311.837	0.197960	mg/L	0.000459	0.2	8071.84	0.197960 mg/L	Y 371.029
Zn 202.548	0.210596	mg/L	0.000738	0.4	2467.65	0.210596 mg/L	Y 371.029
Zn 206.200	0.204016	mg/L	0.002591	1.3	789.804	0.204016 mg/L	Y 371.029
Zn 213.857	0.204402	mg/L	0.000208	0.1	4579.20	0.204402 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02305	8203.61	24.161	0.3
Y 371.029	0.857889	141472	411.175	0.3

11D1172-01 (Samp) **4/27/2011, 2:56:16 PM** **Rack 1, Tube 35**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002491b	mg/L	0.000297	11.9	502.518	-0.002491 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000798	492.7	-3.35578	uncal mg/L	Y 371.029
Al 237.312	0.103199b	mg/L	0.005806	5.6	185.579	0.103199 mg/L	Y 371.029
Al 257.509	0.099524b	mg/L	0.016035	16.1	89.8762	0.099524 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.126803b	mg/L	0.002061	1.6	1880.03	0.126803 mg/L	Y 371.029
As 188.980	0.011433b	mg/L	0.003225	28.2	6.05301	0.011433 mg/L	Y 371.029
As 193.696	0.016007b	mg/L	0.001823	11.4	5.83448	0.016007 mg/L	Y 371.029
As 228.812	0.010875b	mg/L	0.002567	23.6	15.8471	0.010875 mg/L	Y 371.029
B 182.577	0.094518b	mg/L	0.002295	2.4	43.4731	0.094518 mg/L	Y 371.029
B 249.678	0.094462b	mg/L	0.000611	0.6	858.131	0.094462 mg/L	Y 371.029
B 249.772	0.094877b	mg/L	0.001340	1.4	1621.49	0.094877 mg/L	Y 371.029
Ba 233.527	0.304552b	mg/L	0.002046	0.7	11858.3	0.304552 mg/L	Y 371.029
Ba 455.403	0.296190b	mg/L	0.000149	0.1	262889	0.296190 mg/L	Y 371.029
Ba 493.408	0.294435b	mg/L	0.000239	0.1	160218	0.294435 mg/L	Y 371.029
Be 234.861	0.000262b	mg/L	0.000015	5.7	27.9700	0.000262 mg/L	Y 371.029
Be 313.042	0.000275b	mg/L	0.000007	2.7	758.886	0.000275 mg/L	Y 371.029
Be 313.107	0.000280b	mg/L	0.000003	1.2	313.405	0.000280 mg/L	Y 371.029
Ca 393.366	3.06867nb	mg/L	0.007592	0.2	3624497	3.06867 mg/L	Y 371.029
Ca 396.847	2.89718b	mg/L	0.046179	1.6	5769752	2.89718 mg/L	Y 371.029
Ca 430.253	3.03113b	mg/L	0.032203	1.1	14448.6	3.03113 mg/L	Y 371.029
Cd 214.439	0.000372b	mg/L	0.000215	57.8	7.44441	0.000372 mg/L	Y 371.029
Cd 226.502	-0.000034b	mg/L	0.000039	115.8	24.7640	-0.000034 mg/L	Y 371.029
Cd 228.802	0.000595b	mg/L	0.000017	2.8	24.9130	0.000595 mg/L	Y 371.029
Co 228.615	0.005457b	mg/L	0.000524	9.6	36.7040	0.005457 mg/L	Y 371.029
Co 230.786	0.003670b	mg/L	0.000497	13.5	23.3647	0.003670 mg/L	Y 371.029
Co 238.892	0.001694b	mg/L	0.000444	26.2	19.5044	0.001694 mg/L	Y 371.029
Cr 205.560	-0.000293uvb	mg/L	0.000277	94.6	5.77094	-0.000293 mg/L	Y 371.029
Cr 206.158	-0.000387b	mg/L	0.000617	159.4	2.57336	-0.000387 mg/L	Y 371.029
Cr 267.716	-0.000197uvb	mg/L	0.000184	93.2	29.3274	-0.000197 mg/L	Y 371.029
Cu 213.598	0.001936b	mg/L	0.000529	27.3	18.0605	0.001936 mg/L	Y 371.029
Cu 324.754	0.007037b	mg/L	0.000156	2.2	467.918	0.007037 mg/L	Y 371.029
Cu 327.395	0.004007b	mg/L	0.001009	25.2	213.843	0.004007 mg/L	Y 371.029
Fe 234.350	-0.004674b	mg/L	0.000652	13.9	86.2529	-0.004674 mg/L	Y 371.029
Fe 238.204	-0.008722b	mg/L	0.000732	8.4	173.262	-0.008722 mg/L	Y 371.029
Fe 259.940	-0.008150b	mg/L	0.000145	1.8	151.730	-0.008150 mg/L	Y 371.029
Ga 287.423	-0.007366uvb	mg/L	0.000744	10.1	5.55348	-0.007366 mg/L	Y 371.029
Ga 294.363	0.000736b	mg/L	0.000999	135.7	19.0034	0.000736 mg/L	Y 371.029
Ga 417.204	-0.003526uvb	mg/L	0.000385	10.9	91.4816	-0.003526 mg/L	Y 371.029
K 766.491	0.609275b	mg/L	0.005170	0.8	44411.1	0.609275 mg/L	Y 371.029
K 769.897	0.567773b	mg/L	0.007951	1.4	46122.4	0.567773 mg/L	Y 371.029
Li 610.365	0.011163b	mg/L	0.000226	2.0	-12.0063	0.011163 mg/L	Y 371.029
Li 670.783	-0.001960uvb	mg/L	0.000113	5.8	64160.8	-0.001960 mg/L	Y 371.029
Mg 279.078	1.91536b	mg/L	0.013376	0.7	3092.42	1.91536 mg/L	Y 371.029
Mg 280.270	1.89033b	mg/L	0.019982	1.1	187174	1.89033 mg/L	Y 371.029
Mg 285.213	1.88297b	mg/L	0.022691	1.2	66804.4	1.88297 mg/L	Y 371.029
Mn 257.610	0.028812b	mg/L	0.000067	0.2	4179.49	0.028812 mg/L	Y 371.029
Mn 259.372	0.027637b	mg/L	0.000025	0.1	3146.72	0.027637 mg/L	Y 371.029
Mn 260.568	0.027741b	mg/L	0.000261	0.9	532.577	0.027741 mg/L	Y 371.029
Mo 202.032	-0.062732b	mg/L	0.002777	4.4	72.2266	-0.062732 mg/L	Y 371.029
Mo 203.846	-0.064278b	mg/L	0.003767	5.9	26.4199	-0.064278 mg/L	Y 371.029
Mo 204.598	-0.068334b	mg/L	0.002694	3.9	25.9784	-0.068334 mg/L	Y 371.029
Na 568.821	140.930b	mg/L	0.789364	0.6	36640.2	140.930 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.20493	1.8	38249612	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.78883	1.7	32153462	- mg/L	Y 371.029
Ni 216.555	0.004943b	mg/L	0.000545	11.0	24.2134	0.004943 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.003733b	mg/L	0.000836	22.4	10.6245	0.003733 mg/L	Y 371.029
Ni 231.604	0.005574b	mg/L	0.000574	10.3	22.3943	0.005574 mg/L	Y 371.029
P 177.434	0.007097b	mg/L	0.001896	26.7	3.18184	0.007097 mg/L	Y 371.029
P 213.618	-0.002496b	mg/L	0.005429	217.5	7.80525	-0.002496 mg/L	Y 371.029
P 214.914	0.033727b	mg/L	0.021445	63.6	8.21537	0.033727 mg/L	Y 371.029
Pb 220.353	0.014972b	mg/L	0.001256	8.4	21.6736	0.014972 mg/L	Y 371.029
Pb 261.417	-0.005962b	mg/L	0.001771	29.7	27.3681	-0.005962 mg/L	Y 371.029
Pb 405.781	0.014054b	mg/L	0.007266	51.7	92.6224	0.014054 mg/L	Y 371.029
Sb 206.834	-0.010462b	mg/L	0.001428	13.7	10.4959	-0.010462 mg/L	Y 371.029
Sb 231.146	0.016594uvb	mg/L	0.006585	39.7	9.62215	0.016594 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.015773	157.3	11.8534	uncal mg/L	Y 371.029
Se 196.026	0.012815b	mg/L	0.004969	38.8	6.32755	0.012815 mg/L	Y 371.029
Se 203.985	0.005904uvb	mg/L	0.005017	85.0	3.94219	0.005904 mg/L	Y 371.029
Si 250.690	0.226147b	mg/L	0.010638	4.7	340.399	0.226147 mg/L	Y 371.029
Si 251.611	0.222625b	mg/L	0.003423	1.5	375.369	0.222625 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.007231	3.2	2457.97	uncal mg/L	Y 371.029
Sn 189.927	-0.001784uvb	mg/L	0.004538	254.3	3.16991	-0.001784 mg/L	Y 371.029
Sn 283.998	0.002541b	mg/L	0.004513	177.6	26.6083	0.002541 mg/L	Y 371.029
Sr 216.596	0.026357b	mg/L	0.000880	3.3	219.055	0.026357 mg/L	Y 371.029
Sr 407.771	0.024962b	mg/L	0.000100	0.4	68520.9	0.024962 mg/L	Y 371.029
Sr 421.552	0.024979b	mg/L	0.000122	0.5	44332.3	0.024979 mg/L	Y 371.029
Ti 334.941	0.001418b	mg/L	0.000062	4.4	383.005	0.001418 mg/L	Y 371.029
Ti 336.122	0.001481b	mg/L	0.000391	26.4	172.629	0.001481 mg/L	Y 371.029
Ti 337.280	0.001317b	mg/L	0.000297	22.6	36.5605	0.001317 mg/L	Y 371.029
Tl 190.794	0.001698uvb	mg/L	0.002797	164.7	2.25126	0.001698 mg/L	Y 371.029
Tl 190.807	0.006185b	mg/L	0.004805	77.7	1.60967	0.006185 mg/L	Y 371.029
Tl 351.923	-0.003186uvb	mg/L	0.004902	153.9	12.9123	-0.003186 mg/L	Y 371.029
V 268.796	-0.009458b	mg/L	0.000628	6.6	46.4243	-0.009458 mg/L	Y 371.029
V 292.401	-0.000344uvb	mg/L	0.000049	14.4	42.2258	-0.000344 mg/L	Y 371.029
V 311.837	0.000312b	mg/L	0.000083	26.5	6.89710	0.000312 mg/L	Y 371.029
Zn 202.548	0.167952b	mg/L	0.003168	1.9	2195.75	0.167952 mg/L	Y 371.029
Zn 206.200	0.165906b	mg/L	0.003622	2.2	718.067	0.165906 mg/L	Y 371.029
Zn 213.857	0.160243b	mg/L	0.000359	0.2	4043.37	0.160243 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03134	8270.08	47.012	0.6
Y 371.029	0.855094	141011	959.660	0.7

11D1172-02 (Samp) **4/27/2011, 3:00:09 PM** **Rack 1, Tube 36**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002115b	mg/L	0.000438	20.7	534.185	-0.002115 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001894	69.0	4.02129	uncal mg/L	Y 371.029
Al 237.312	0.108400b	mg/L	0.004347	4.0	192.177	0.108400 mg/L	Y 371.029
Al 257.509	0.084453b	mg/L	0.014771	17.5	82.6174	0.084453 mg/L	Y 371.029
Al 308.215	0.123885b	mg/L	0.001072	0.9	1852.87	0.123885 mg/L	Y 371.029
As 188.980	0.013374b	mg/L	0.004333	32.4	6.46660	0.013374 mg/L	Y 371.029
As 193.696	0.011808uvb	mg/L	0.005761	48.8	3.90898	0.011808 mg/L	Y 371.029
As 228.812	0.010558b	mg/L	0.006224	58.9	14.4858	0.010558 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.032097b	mg/L	0.001594	5.0	17.3719	0.032097 mg/L	Y 371.029
B 249.678	0.029476b	mg/L	0.001285	4.4	310.085	0.029476 mg/L	Y 371.029
B 249.772	0.031147b	mg/L	0.000708	2.3	586.125	0.031147 mg/L	Y 371.029
Ba 233.527	0.142089b	mg/L	0.000460	0.3	5630.62	0.142089 mg/L	Y 371.029
Ba 455.403	0.134571b	mg/L	0.000491	0.4	121546	0.134571 mg/L	Y 371.029
Ba 493.408	0.133931b	mg/L	0.000554	0.4	74232.9	0.133931 mg/L	Y 371.029
Be 234.861	0.000135b	mg/L	0.000046	33.7	13.0794	0.000135 mg/L	Y 371.029
Be 313.042	0.000075b	mg/L	0.000003	4.1	417.787	0.000075 mg/L	Y 371.029
Be 313.107	0.000070b	mg/L	0.000007	10.6	138.610	0.000070 mg/L	Y 371.029
Ca 393.366	2.06337nb	mg/L	0.006067	0.3	2445456	2.06337 mg/L	Y 371.029
Ca 396.847	2.00838b	mg/L	0.005036	0.3	4011148	2.00838 mg/L	Y 371.029
Ca 430.253	2.04747b	mg/L	0.028500	1.4	10307.6	2.04747 mg/L	Y 371.029
Cd 214.439	0.000241b	mg/L	0.000089	37.0	4.99498	0.000241 mg/L	Y 371.029
Cd 226.502	0.000030b	mg/L	0.000084	278.9	27.0924	0.000030 mg/L	Y 371.029
Cd 228.802	0.000184uvb	mg/L	0.000621	336.6	19.1899	0.000184 mg/L	Y 371.029
Co 228.615	0.002605b	mg/L	0.000566	21.7	11.7357	0.002605 mg/L	Y 371.029
Co 230.786	0.001187b	mg/L	0.000306	25.8	7.96733	0.001187 mg/L	Y 371.029
Co 238.892	-0.000886uvb	mg/L	0.000474	53.5	5.15393	-0.000886 mg/L	Y 371.029
Cr 205.560	-0.000398uvb	mg/L	0.000319	80.1	5.42641	-0.000398 mg/L	Y 371.029
Cr 206.158	0.000126b	mg/L	0.001050	834.2	3.40889	0.000126 mg/L	Y 371.029
Cr 267.716	-0.000385uvb	mg/L	0.000208	54.0	25.8914	-0.000385 mg/L	Y 371.029
Cu 213.598	-0.001661b	mg/L	0.000321	19.3	4.80179	-0.001661 mg/L	Y 371.029
Cu 324.754	0.003714b	mg/L	0.000135	3.6	354.824	0.003714 mg/L	Y 371.029
Cu 327.395	0.000928b	mg/L	0.001186	127.7	83.8545	0.000928 mg/L	Y 371.029
Fe 234.350	0.041592b	mg/L	0.000563	1.4	482.906	0.041592 mg/L	Y 371.029
Fe 238.204	0.037274b	mg/L	0.000281	0.8	990.156	0.037274 mg/L	Y 371.029
Fe 259.940	0.037448b	mg/L	0.000090	0.2	828.285	0.037448 mg/L	Y 371.029
Ga 287.423	-0.002997uvb	mg/L	0.001695	56.6	16.2949	-0.002997 mg/L	Y 371.029
Ga 294.363	0.001390b	mg/L	0.001150	82.8	24.0107	0.001390 mg/L	Y 371.029
Ga 417.204	-0.002821uvb	mg/L	0.000554	19.6	99.2948	-0.002821 mg/L	Y 371.029
K 766.491	0.378503b	mg/L	0.002241	0.6	28639.3	0.378503 mg/L	Y 371.029
K 769.897	0.351582b	mg/L	0.006999	2.0	34018.2	0.351582 mg/L	Y 371.029
Li 610.365	0.011080b	mg/L	0.000123	1.1	-16.1734	0.011080 mg/L	Y 371.029
Li 670.783	-0.002630uvb	mg/L	0.000090	3.4	61958.9	-0.002630 mg/L	Y 371.029
Mg 279.078	0.293332b	mg/L	0.003092	1.1	482.214	0.293332 mg/L	Y 371.029
Mg 280.270	0.290464b	mg/L	0.004342	1.5	29178.4	0.290464 mg/L	Y 371.029
Mg 285.213	0.280182b	mg/L	0.002794	1.0	10059.1	0.280182 mg/L	Y 371.029
Mn 257.610	0.074423b	mg/L	0.000792	1.1	10762.1	0.074423 mg/L	Y 371.029
Mn 259.372	0.073057b	mg/L	0.000790	1.1	8020.80	0.073057 mg/L	Y 371.029
Mn 260.568	0.073872b	mg/L	0.000106	0.1	1371.38	0.073872 mg/L	Y 371.029
Mo 202.032	-0.079326b	mg/L	0.001736	2.2	42.0722	-0.079326 mg/L	Y 371.029
Mo 203.846	-0.079555b	mg/L	0.001313	1.7	15.6857	-0.079555 mg/L	Y 371.029
Mo 204.598	-0.083475b	mg/L	0.002410	2.9	14.1255	-0.083475 mg/L	Y 371.029
Na 568.821	154.858b	mg/L	0.743909	0.5	40245.9	154.858 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.035345	0.1	39014060	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.456335	0.4	33426328	- mg/L	Y 371.029
Ni 216.555	0.002392b	mg/L	0.000793	33.1	11.4096	0.002392 mg/L	Y 371.029
Ni 221.648	0.000635b	mg/L	0.000351	55.2	4.52755	0.000635 mg/L	Y 371.029
Ni 231.604	0.002078b	mg/L	0.000628	30.2	10.2002	0.002078 mg/L	Y 371.029
P 177.434	0.007017uvb	mg/L	0.003925	55.9	3.10604	0.007017 mg/L	Y 371.029
P 213.618	-0.009839uvb	mg/L	0.003316	33.7	3.47361	-0.009839 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.001885uvb	mg/L	0.000567	30.1	2.72741	0.001885 mg/L	Y 371.029
Pb 220.353	0.003797b	mg/L	0.002037	53.7	9.55060	0.003797 mg/L	Y 371.029
Pb 261.417	-0.027373uvb	mg/L	0.008865	32.4	18.4038	-0.027373 mg/L	Y 371.029
Pb 405.781	-0.014320uvb	mg/L	0.012298	85.9	58.0554	-0.014320 mg/L	Y 371.029
Sb 206.834	-0.009429uvb	mg/L	0.006199	65.7	11.6011	-0.009429 mg/L	Y 371.029
Sb 231.146	0.008164uvb	mg/L	0.001213	14.9	5.54665	0.008164 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.003809	12.2	5.27894	uncal mg/L	Y 371.029
Se 196.026	0.008478b	mg/L	0.003572	42.1	4.96288	0.008478 mg/L	Y 371.029
Se 203.985	0.005161uvb	mg/L	0.009331	180.8	3.77899	0.005161 mg/L	Y 371.029
Si 250.690	0.190638b	mg/L	0.002724	1.4	296.611	0.190638 mg/L	Y 371.029
Si 251.611	0.183531b	mg/L	0.001738	0.9	319.485	0.183531 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001106	0.6	2201.58	uncal mg/L	Y 371.029
Sn 189.927	-0.000266uvb	mg/L	0.002213	830.9	3.67486	-0.000266 mg/L	Y 371.029
Sn 283.998	-0.002571b	mg/L	0.002706	105.3	20.5712	-0.002571 mg/L	Y 371.029
Sr 216.596	0.007594b	mg/L	0.000132	1.7	72.2233	0.007594 mg/L	Y 371.029
Sr 407.771	0.006728b	mg/L	0.000021	0.3	22654.5	0.006728 mg/L	Y 371.029
Sr 421.552	0.006707b	mg/L	0.000017	0.3	14478.0	0.006707 mg/L	Y 371.029
Ti 334.941	0.002657b	mg/L	0.000332	12.5	642.104	0.002657 mg/L	Y 371.029
Ti 336.122	0.002649b	mg/L	0.000288	10.9	276.988	0.002649 mg/L	Y 371.029
Ti 337.280	0.001912b	mg/L	0.000079	4.1	54.8885	0.001912 mg/L	Y 371.029
Tl 190.794	0.004875uvb	mg/L	0.003378	69.3	3.28491	0.004875 mg/L	Y 371.029
Tl 190.807	0.008082b	mg/L	0.005849	72.4	2.00794	0.008082 mg/L	Y 371.029
Tl 351.923	-0.007759uvb	mg/L	0.004868	62.7	4.74736	-0.007759 mg/L	Y 371.029
V 268.796	-0.010387b	mg/L	0.000914	8.8	39.5020	-0.010387 mg/L	Y 371.029
V 292.401	-0.000261uvb	mg/L	0.000028	10.7	45.1629	-0.000261 mg/L	Y 371.029
V 311.837	0.000588b	mg/L	0.000012	2.0	19.1315	0.000588 mg/L	Y 371.029
Zn 202.548	0.048244b	mg/L	0.001576	3.3	1166.47	0.048244 mg/L	Y 371.029
Zn 206.200	0.047208b	mg/L	0.000918	1.9	378.608	0.047208 mg/L	Y 371.029
Zn 213.857	0.042799b	mg/L	0.000779	1.8	2118.45	0.042799 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03126	8269.42	69.157	0.8
Y 371.029	0.851157	140362	1450.593	1.0

11D1172-03 (Samp) **4/27/2011, 3:04:15 PM** **Rack 1, Tube 37**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002549b	mg/L	0.000436	17.1	511.225	-0.002549 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001382	370.5	-2.73883	uncal mg/L	Y 371.029
Al 237.312	0.032674b	mg/L	0.008177	25.0	99.5941	0.032674 mg/L	Y 371.029
Al 257.509	0.016550b	mg/L	0.010644	64.3	43.8523	0.016550 mg/L	Y 371.029
Al 308.215	0.045223b	mg/L	0.000963	2.1	1388.07	0.045223 mg/L	Y 371.029
As 188.980	0.010587uvb	mg/L	0.003131	29.6	5.53526	0.010587 mg/L	Y 371.029
As 193.696	0.012386b	mg/L	0.003232	26.1	4.15921	0.012386 mg/L	Y 371.029
As 228.812	0.012441uvb	mg/L	0.008881	71.4	16.8232	0.012441 mg/L	Y 371.029
B 182.577	0.041763b	mg/L	0.001421	3.4	21.4101	0.041763 mg/L	Y 371.029
B 249.678	0.037922b	mg/L	0.000538	1.4	381.280	0.037922 mg/L	Y 371.029
B 249.772	0.039542b	mg/L	0.000368	0.9	721.958	0.039542 mg/L	Y 371.029
Ba 233.527	0.147915b	mg/L	0.001093	0.7	5854.74	0.147915 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.140990b	mg/L	0.000266	0.2	127179	0.140990 mg/L	Y 371.029
Ba 493.408	0.140116b	mg/L	0.000184	0.1	77558.7	0.140116 mg/L	Y 371.029
Be 234.861	0.000102b	mg/L	0.000046	45.5	9.50074	0.000102 mg/L	Y 371.029
Be 313.042	0.000111b	mg/L	0.000008	7.7	480.400	0.000111 mg/L	Y 371.029
Be 313.107	0.000116b	mg/L	0.000008	6.8	176.982	0.000116 mg/L	Y 371.029
Ca 393.366	2.03800nb	mg/L	0.007570	0.4	2416133	2.03800 mg/L	Y 371.029
Ca 396.847	1.98649b	mg/L	0.006384	0.3	3968463	1.98649 mg/L	Y 371.029
Ca 430.253	1.99241b	mg/L	0.015249	0.8	10074.9	1.99241 mg/L	Y 371.029
Cd 214.439	0.000248b	mg/L	0.000118	47.8	5.11003	0.000248 mg/L	Y 371.029
Cd 226.502	-0.000014b	mg/L	0.000047	350.6	25.4376	-0.000014 mg/L	Y 371.029
Cd 228.802	0.000621b	mg/L	0.000039	6.3	25.1622	0.000621 mg/L	Y 371.029
Co 228.615	0.003382b	mg/L	0.000499	14.8	18.3383	0.003382 mg/L	Y 371.029
Co 230.786	0.001755b	mg/L	0.000030	1.7	11.3736	0.001755 mg/L	Y 371.029
Co 238.892	0.000136b	mg/L	0.000447	329.0	11.1811	0.000136 mg/L	Y 371.029
Cr 205.560	-0.000557uvb	mg/L	0.000053	9.5	4.65984	-0.000557 mg/L	Y 371.029
Cr 206.158	-0.000450uvb	mg/L	0.000862	191.7	2.41051	-0.000450 mg/L	Y 371.029
Cr 267.716	-0.000312uvb	mg/L	0.000167	53.5	26.7922	-0.000312 mg/L	Y 371.029
Cu 213.598	-0.001185b	mg/L	0.000376	31.7	6.55307	-0.001185 mg/L	Y 371.029
Cu 324.754	0.003726uvb	mg/L	0.000324	8.7	355.758	0.003726 mg/L	Y 371.029
Cu 327.395	0.000931b	mg/L	0.000199	21.4	84.5045	0.000931 mg/L	Y 371.029
Fe 234.350	0.001072b	mg/L	0.000871	81.3	138.117	0.001072 mg/L	Y 371.029
Fe 238.204	-0.002632b	mg/L	0.000344	13.1	290.148	-0.002632 mg/L	Y 371.029
Fe 259.940	-0.002721b	mg/L	0.000360	13.2	238.474	-0.002721 mg/L	Y 371.029
Ga 287.423	-0.003800uvb	mg/L	0.000578	15.2	13.7889	-0.003800 mg/L	Y 371.029
Ga 294.363	0.001237b	mg/L	0.001823	147.4	22.9351	0.001237 mg/L	Y 371.029
Ga 417.204	-0.003311uvb	mg/L	0.002187	66.1	94.3257	-0.003311 mg/L	Y 371.029
K 766.491	0.221974b	mg/L	0.001680	0.8	17908.2	0.221974 mg/L	Y 371.029
K 769.897	0.196199b	mg/L	0.004209	2.1	25197.1	0.196199 mg/L	Y 371.029
Li 610.365	0.011342b	mg/L	0.000190	1.7	-3.06421	0.011342 mg/L	Y 371.029
Li 670.783	-0.002319uvb	mg/L	0.000111	4.8	63191.5	-0.002319 mg/L	Y 371.029
Mg 279.078	1.81108b	mg/L	0.016074	0.9	2924.36	1.81108 mg/L	Y 371.029
Mg 280.270	1.77075b	mg/L	0.012351	0.7	175369	1.77075 mg/L	Y 371.029
Mg 285.213	1.79043b	mg/L	0.011215	0.6	63532.0	1.79043 mg/L	Y 371.029
Mn 257.610	0.053005b	mg/L	0.000331	0.6	7644.23	0.053005 mg/L	Y 371.029
Mn 259.372	0.053367b	mg/L	0.000378	0.7	5908.09	0.053367 mg/L	Y 371.029
Mn 260.568	0.053740b	mg/L	0.000603	1.1	1009.46	0.053740 mg/L	Y 371.029
Mo 202.032	-0.080467b	mg/L	0.001175	1.5	34.8185	-0.080467 mg/L	Y 371.029
Mo 203.846	-0.081279b	mg/L	0.001421	1.7	11.5648	-0.081279 mg/L	Y 371.029
Mo 204.598	-0.084684b	mg/L	0.000995	1.2	10.3314	-0.084684 mg/L	Y 371.029
Na 568.821	153.242b	mg/L	0.688069	0.4	39826.7	153.242 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.835210	1.2	37915804	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.50796	1.4	32258704	- mg/L	Y 371.029
Ni 216.555	0.003719b	mg/L	0.000743	20.0	17.9486	0.003719 mg/L	Y 371.029
Ni 221.648	0.002319b	mg/L	0.000289	12.5	7.85018	0.002319 mg/L	Y 371.029
Ni 231.604	0.002991b	mg/L	0.000830	27.8	13.4828	0.002991 mg/L	Y 371.029
P 177.434	0.003952uvb	mg/L	0.003289	83.2	2.66213	0.003952 mg/L	Y 371.029
P 213.618	-0.012354uvb	mg/L	0.002852	23.1	1.80192	-0.012354 mg/L	Y 371.029
P 214.914	0.008242b	mg/L	0.000480	5.8	3.82674	0.008242 mg/L	Y 371.029
Pb 220.353	0.002990b	mg/L	0.001521	50.9	8.69383	0.002990 mg/L	Y 371.029
Pb 261.417	-0.026391b	mg/L	0.006903	26.2	18.5992	-0.026391 mg/L	Y 371.029
Pb 405.781	-0.007127uvb	mg/L	0.016719	234.6	67.1786	-0.007127 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.015313uvb	mg/L	0.002778	18.1	8.26956	-0.015313 mg/L	Y 371.029
Sb 231.146	0.005446uvb	mg/L	0.007893	144.9	4.47321	0.005446 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.015632	85.7	8.97798	uncal mg/L	Y 371.029
Se 196.026	0.003033uvb	mg/L	0.004937	162.8	3.37273	0.003033 mg/L	Y 371.029
Se 203.985	0.009529uvb	mg/L	0.009670	101.5	4.46181	0.009529 mg/L	Y 371.029
Si 250.690	0.268124b	mg/L	0.004428	1.7	393.830	0.268124 mg/L	Y 371.029
Si 251.611	0.263221b	mg/L	0.003228	1.2	432.558	0.263221 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.004238	1.5	2782.55	uncal mg/L	Y 371.029
Sn 189.927	-0.004993uvb	mg/L	0.000842	16.9	2.27531	-0.004993 mg/L	Y 371.029
Sn 283.998	-0.003716uvb	mg/L	0.007346	197.7	18.5050	-0.003716 mg/L	Y 371.029
Sr 216.596	0.013304b	mg/L	0.000311	2.3	116.757	0.013304 mg/L	Y 371.029
Sr 407.771	0.011714b	mg/L	0.000050	0.4	35180.2	0.011714 mg/L	Y 371.029
Sr 421.552	0.011734b	mg/L	0.000052	0.4	22681.9	0.011734 mg/L	Y 371.029
Ti 334.941	0.000957b	mg/L	0.000264	27.6	278.544	0.000957 mg/L	Y 371.029
Ti 336.122	0.000999b	mg/L	0.000063	6.3	128.232	0.000999 mg/L	Y 371.029
Ti 337.280	0.001073b	mg/L	0.000113	10.6	29.2424	0.001073 mg/L	Y 371.029
Tl 190.794	0.002731uvb	mg/L	0.002536	92.8	2.55146	0.002731 mg/L	Y 371.029
Tl 190.807	0.004730b	mg/L	0.004493	95.0	1.40308	0.004730 mg/L	Y 371.029
Tl 351.923	-0.003604uvb	mg/L	0.005788	160.6	11.4188	-0.003604 mg/L	Y 371.029
V 268.796	-0.010788b	mg/L	0.000713	6.6	32.1570	-0.010788 mg/L	Y 371.029
V 292.401	-0.000203uvb	mg/L	0.000259	127.5	46.4361	-0.000203 mg/L	Y 371.029
V 311.837	0.000437b	mg/L	0.000103	23.7	12.0267	0.000437 mg/L	Y 371.029
Zn 202.548	0.060235b	mg/L	0.001236	2.1	1270.63	0.060235 mg/L	Y 371.029
Zn 206.200	0.060270b	mg/L	0.000664	1.1	416.503	0.060270 mg/L	Y 371.029
Zn 213.857	0.055563b	mg/L	0.000387	0.7	2330.83	0.055563 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.05243	8439.18	12.005	0.1
Y 371.029	0.869385	143368	442.436	0.3

11D1172-04 (Samp) **4/27/2011, 3:08:25 PM** **Rack 1, Tube 38**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.003989uvb	mg/L	0.000658	16.5	489.230	-0.003989 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001071	654.3	-3.44557	uncal mg/L	Y 371.029
Al 237.312	0.075572b	mg/L	0.004122	5.5	155.851	0.075572 mg/L	Y 371.029
Al 257.509	0.061061b	mg/L	0.008078	13.2	68.5318	0.061061 mg/L	Y 371.029
Al 308.215	0.099397b	mg/L	0.001220	1.2	1669.61	0.099397 mg/L	Y 371.029
As 188.980	0.014569b	mg/L	0.003062	21.0	6.75124	0.014569 mg/L	Y 371.029
As 193.696	0.011987b	mg/L	0.000768	6.4	3.80002	0.011987 mg/L	Y 371.029
As 228.812	0.014529b	mg/L	0.003443	23.7	17.3483	0.014529 mg/L	Y 371.029
B 182.577	0.032503b	mg/L	0.000664	2.0	18.1614	0.032503 mg/L	Y 371.029
B 249.678	0.031839b	mg/L	0.000736	2.3	342.151	0.031839 mg/L	Y 371.029
B 249.772	0.034127b	mg/L	0.000725	2.1	650.586	0.034127 mg/L	Y 371.029
Ba 233.527	0.128226b	mg/L	0.000802	0.6	5121.67	0.128226 mg/L	Y 371.029
Ba 455.403	0.122240b	mg/L	0.000137	0.1	111220	0.122240 mg/L	Y 371.029
Ba 493.408	0.122113b	mg/L	0.000178	0.1	68177.4	0.122113 mg/L	Y 371.029
Be 234.861	0.000088b	mg/L	0.000043	48.3	7.05591	0.000088 mg/L	Y 371.029
Be 313.042	0.000043b	mg/L	0.000011	24.8	356.202	0.000043 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000034b	mg/L	0.000007	19.5	111.763	0.000034 mg/L	Y 371.029
Ca 393.366	24.1441nb	mg/L	0.083317	0.3	28342778	24.1441 mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.071861	0.3	43116576	- mg/L	Y 371.029
Ca 430.253	34.2670b	mg/L	0.190023	0.6	146962	34.2670 mg/L	Y 371.029
Cd 214.439	0.000394b	mg/L	0.000124	31.5	7.80742	0.000394 mg/L	Y 371.029
Cd 226.502	-0.000069uvb	mg/L	0.000125	181.2	25.9323	-0.000069 mg/L	Y 371.029
Cd 228.802	0.000315uvb	mg/L	0.000325	103.2	20.8031	0.000315 mg/L	Y 371.029
Co 228.615	0.002484b	mg/L	0.000418	16.8	9.77865	0.002484 mg/L	Y 371.029
Co 230.786	0.002384b	mg/L	0.000259	10.9	15.7706	0.002384 mg/L	Y 371.029
Co 238.892	-0.000913uvb	mg/L	0.000506	55.4	5.39800	-0.000913 mg/L	Y 371.029
Cr 205.560	-0.000461uvb	mg/L	0.000376	81.6	6.41383	-0.000461 mg/L	Y 371.029
Cr 206.158	-0.000383b	mg/L	0.000222	58.0	2.49948	-0.000383 mg/L	Y 371.029
Cr 267.716	-0.000398b	mg/L	0.000131	32.9	30.1651	-0.000398 mg/L	Y 371.029
Cu 213.598	0.010615b	mg/L	0.000388	3.7	53.4033	0.010615 mg/L	Y 371.029
Cu 324.754	0.016413b	mg/L	0.000256	1.6	731.916	0.016413 mg/L	Y 371.029
Cu 327.395	0.011366b	mg/L	0.001118	9.8	537.841	0.011366 mg/L	Y 371.029
Fe 234.350	0.069592b	mg/L	0.000539	0.8	764.326	0.069592 mg/L	Y 371.029
Fe 238.204	0.065047b	mg/L	0.000451	0.7	1577.82	0.065047 mg/L	Y 371.029
Fe 259.940	0.064457b	mg/L	0.000483	0.7	1282.29	0.064457 mg/L	Y 371.029
Ga 287.423	-0.006848uvb	mg/L	0.001613	23.6	8.69216	-0.006848 mg/L	Y 371.029
Ga 294.363	0.000834b	mg/L	0.001101	132.1	16.7454	0.000834 mg/L	Y 371.029
Ga 417.204	-0.004016uvb	mg/L	0.001546	38.5	80.6058	-0.004016 mg/L	Y 371.029
K 766.491	1.25298b	mg/L	0.006985	0.6	88821.8	1.25298 mg/L	Y 371.029
K 769.897	1.16925b	mg/L	0.008415	0.7	80575.6	1.16925 mg/L	Y 371.029
Li 610.365	0.012775b	mg/L	0.000297	2.3	68.6676	0.012775 mg/L	Y 371.029
Li 670.783	-0.002692uvb	mg/L	0.000093	3.5	62614.0	-0.002692 mg/L	Y 371.029
Mg 279.078	2.73577b	mg/L	0.016031	0.6	4411.46	2.73577 mg/L	Y 371.029
Mg 280.270	2.71800b	mg/L	0.032630	1.2	269046	2.71800 mg/L	Y 371.029
Mg 285.213	2.73087b	mg/L	0.052302	1.9	96845.5	2.73087 mg/L	Y 371.029
Mn 257.610	0.088935b	mg/L	0.001316	1.5	12854.7	0.088935 mg/L	Y 371.029
Mn 259.372	0.087014b	mg/L	0.001129	1.3	9571.18	0.087014 mg/L	Y 371.029
Mn 260.568	0.088122b	mg/L	0.000212	0.2	1649.24	0.088122 mg/L	Y 371.029
Mo 202.032	-0.086673b	mg/L	0.001759	2.0	31.4662	-0.086673 mg/L	Y 371.029
Mo 203.846	-0.087581b	mg/L	0.001230	1.4	10.1074	-0.087581 mg/L	Y 371.029
Mo 204.598	-0.090740b	mg/L	0.001101	1.2	8.76591	-0.090740 mg/L	Y 371.029
Na 568.821	157.856b	mg/L	0.580720	0.4	41065.7	157.856 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.01994	1.5	38994544	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.03593	1.9	33099704	- mg/L	Y 371.029
Ni 216.555	0.005816b	mg/L	0.000795	13.7	29.5113	0.005816 mg/L	Y 371.029
Ni 221.648	0.003520b	mg/L	0.000344	9.8	10.5687	0.003520 mg/L	Y 371.029
Ni 231.604	0.007061b	mg/L	0.000283	4.0	28.4008	0.007061 mg/L	Y 371.029
P 177.434	0.005765uvb	mg/L	0.002068	35.9	2.87785	0.005765 mg/L	Y 371.029
P 213.618	-0.009039b	mg/L	0.003004	33.2	5.11003	-0.009039 mg/L	Y 371.029
P 214.914	0.011261b	mg/L	0.015741	139.8	4.57023	0.011261 mg/L	Y 371.029
Pb 220.353	0.008742b	mg/L	0.000997	11.4	15.3703	0.008742 mg/L	Y 371.029
Pb 261.417	-0.020627b	mg/L	0.004576	22.2	21.6006	-0.020627 mg/L	Y 371.029
Pb 405.781	-0.013152b	mg/L	0.007498	57.0	71.0122	-0.013152 mg/L	Y 371.029
Sb 206.834	-0.018914uvb	mg/L	0.002281	12.1	8.07507	-0.018914 mg/L	Y 371.029
Sb 231.146	-0.012300uvb	mg/L	0.006144	50.0	1.40151	-0.012300 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.016805	44.5	7.37179	uncal mg/L	Y 371.029
Se 196.026	0.008796b	mg/L	0.002180	24.8	5.93118	0.008796 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.012733uvb	mg/L	0.006378	50.1	4.35490	0.012733 mg/L	Y 371.029
Si 250.690	2.66752b	mg/L	0.027726	1.0	3404.28	2.66752 mg/L	Y 371.029
Si 251.611	2.59279b	mg/L	0.020635	0.8	3790.04	2.59279 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.043625	1.7	20429.3	uncal mg/L	Y 371.029
Sn 189.927	-0.002848uvb	mg/L	0.003317	116.5	2.74469	-0.002848 mg/L	Y 371.029
Sn 283.998	-0.007922uvb	mg/L	0.005347	67.5	15.5945	-0.007922 mg/L	Y 371.029
Sr 216.596	0.073637b	mg/L	0.000866	1.2	595.054	0.073637 mg/L	Y 371.029
Sr 407.771	0.068558b	mg/L	0.000101	0.1	180023	0.068558 mg/L	Y 371.029
Sr 421.552	0.069042b	mg/L	0.000215	0.3	117534	0.069042 mg/L	Y 371.029
Ti 334.941	0.002325b	mg/L	0.000587	25.2	587.620	0.002325 mg/L	Y 371.029
Ti 336.122	0.002237b	mg/L	0.000775	34.7	236.540	0.002237 mg/L	Y 371.029
Ti 337.280	0.002069b	mg/L	0.000571	27.6	66.3753	0.002069 mg/L	Y 371.029
Tl 190.794	0.006950uvb	mg/L	0.004137	59.5	3.63204	0.006950 mg/L	Y 371.029
Tl 190.807	0.006577b	mg/L	0.006311	96.0	1.44040	0.006577 mg/L	Y 371.029
Tl 351.923	0.000226uvb	mg/L	0.000659	291.3	19.6282	0.000226 mg/L	Y 371.029
V 268.796	-0.011335b	mg/L	0.000409	3.6	32.1004	-0.011335 mg/L	Y 371.029
V 292.401	-0.000129b	mg/L	0.000198	153.2	50.4911	-0.000129 mg/L	Y 371.029
V 311.837	0.000329b	mg/L	0.000055	16.7	11.0345	0.000329 mg/L	Y 371.029
Zn 202.548	0.059847b	mg/L	0.001052	1.8	1290.70	0.059847 mg/L	Y 371.029
Zn 206.200	0.060123b	mg/L	0.000392	0.7	423.811	0.060123 mg/L	Y 371.029
Zn 213.857	0.056964b	mg/L	0.000366	0.6	2397.28	0.056964 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03460	8296.23	15.296	0.2
Y 371.029	0.858537	141579	463.996	0.3

11D1172-05 (Samp) **4/27/2011, 3:12:38 PM** **Rack 1, Tube 39**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002051b	mg/L	0.000347	16.9	529.711	-0.002051 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000978	235.1	-2.59073	uncal mg/L	Y 371.029
Al 237.312	0.092898b	mg/L	0.001226	1.3	172.923	0.092898 mg/L	Y 371.029
Al 257.509	0.077525b	mg/L	0.004085	5.3	78.3605	0.077525 mg/L	Y 371.029
Al 308.215	0.108712b	mg/L	0.001694	1.6	1767.51	0.108712 mg/L	Y 371.029
As 188.980	0.008297uvb	mg/L	0.002920	35.2	4.82761	0.008297 mg/L	Y 371.029
As 193.696	0.009632b	mg/L	0.001327	13.8	3.07157	0.009632 mg/L	Y 371.029
As 228.812	0.014342b	mg/L	0.004206	29.3	17.6987	0.014342 mg/L	Y 371.029
B 182.577	0.046987b	mg/L	0.001494	3.2	23.5656	0.046987 mg/L	Y 371.029
B 249.678	0.043703b	mg/L	0.000194	0.4	429.363	0.043703 mg/L	Y 371.029
B 249.772	0.045819b	mg/L	0.000360	0.8	823.029	0.045819 mg/L	Y 371.029
Ba 233.527	0.174425b	mg/L	0.000386	0.2	6868.88	0.174425 mg/L	Y 371.029
Ba 455.403	0.165321b	mg/L	0.000484	0.3	148415	0.165321 mg/L	Y 371.029
Ba 493.408	0.164586b	mg/L	0.000115	0.1	90641.2	0.164586 mg/L	Y 371.029
Be 234.861	0.000143b	mg/L	0.000051	35.5	14.2052	0.000143 mg/L	Y 371.029
Be 313.042	0.000097b	mg/L	0.000005	5.4	456.385	0.000097 mg/L	Y 371.029
Be 313.107	0.000103b	mg/L	0.000006	5.3	165.762	0.000103 mg/L	Y 371.029
Ca 393.366	0.542913nb	mg/L	0.001800	0.3	662288	0.542913 mg/L	Y 371.029
Ca 396.847	0.523852b	mg/L	0.001328	0.3	1074205	0.523852 mg/L	Y 371.029
Ca 430.253	0.499258b	mg/L	0.007661	1.5	3733.19	0.499258 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.000152b	mg/L	0.000048	32.0	3.40862	0.000152 mg/L	Y 371.029
Cd 226.502	-0.000075uvb	mg/L	0.000069	91.5	23.2576	-0.000075 mg/L	Y 371.029
Cd 228.802	0.000021uvb	mg/L	0.000186	881.3	17.0340	0.000021 mg/L	Y 371.029
Co 228.615	0.003732b	mg/L	0.000017	0.4	21.5318	0.003732 mg/L	Y 371.029
Co 230.786	0.002507b	mg/L	0.000631	25.2	15.9688	0.002507 mg/L	Y 371.029
Co 238.892	0.000486b	mg/L	0.000496	102.0	12.9030	0.000486 mg/L	Y 371.029
Cr 205.560	-0.000300uvb	mg/L	0.000177	58.9	5.71703	-0.000300 mg/L	Y 371.029
Cr 206.158	-0.000301b	mg/L	0.000549	182.5	2.84687	-0.000301 mg/L	Y 371.029
Cr 267.716	-0.000265uvb	mg/L	0.000156	59.0	27.6853	-0.000265 mg/L	Y 371.029
Cu 213.598	-0.000581b	mg/L	0.001129	194.5	8.64167	-0.000581 mg/L	Y 371.029
Cu 324.754	0.003442b	mg/L	0.000114	3.3	349.192	0.003442 mg/L	Y 371.029
Cu 327.395	-0.000093uvb	mg/L	0.000497	531.9	39.0514	-0.000093 mg/L	Y 371.029
Fe 234.350	0.004437b	mg/L	0.001412	31.8	162.409	0.004437 mg/L	Y 371.029
Fe 238.204	0.000785b	mg/L	0.000378	48.1	339.482	0.000785 mg/L	Y 371.029
Fe 259.940	0.001272b	mg/L	0.000326	25.6	295.015	0.001272 mg/L	Y 371.029
Ga 287.423	0.001581b	mg/L	0.001459	92.3	25.5656	0.001581 mg/L	Y 371.029
Ga 294.363	0.002140b	mg/L	0.000805	37.6	28.4345	0.002140 mg/L	Y 371.029
Ga 417.204	-0.002841uvb	mg/L	0.002629	92.6	98.5262	-0.002841 mg/L	Y 371.029
K 766.491	0.325297b	mg/L	0.002712	0.8	24966.2	0.325297 mg/L	Y 371.029
K 769.897	0.302669b	mg/L	0.003358	1.1	31183.3	0.302669 mg/L	Y 371.029
Li 610.365	0.011024b	mg/L	0.000088	0.8	-18.9432	0.011024 mg/L	Y 371.029
Li 670.783	-0.002437uvb	mg/L	0.000048	2.0	62536.0	-0.002437 mg/L	Y 371.029
Mg 279.078	0.598880b	mg/L	0.000359	0.1	974.030	0.598880 mg/L	Y 371.029
Mg 280.270	0.589821b	mg/L	0.005332	0.9	58736.3	0.589821 mg/L	Y 371.029
Mg 285.213	0.573717b	mg/L	0.004226	0.7	20451.0	0.573717 mg/L	Y 371.029
Mn 257.610	0.002118b	mg/L	0.000036	1.7	319.871	0.002118 mg/L	Y 371.029
Mn 259.372	0.001244b	mg/L	0.000011	0.9	298.040	0.001244 mg/L	Y 371.029
Mn 260.568	0.001731b	mg/L	0.000139	8.1	46.6819	0.001731 mg/L	Y 371.029
Mo 202.032	-0.081377b	mg/L	0.001054	1.3	26.4991	-0.081377 mg/L	Y 371.029
Mo 203.846	-0.080836b	mg/L	0.001790	2.2	9.86315	-0.080836 mg/L	Y 371.029
Mo 204.598	-0.086328b	mg/L	0.001327	1.5	4.77805	-0.086328 mg/L	Y 371.029
Na 568.821	150.516b	mg/L	0.482964	0.3	39120.1	150.516 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.567777	0.8	38043588	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.949818	0.9	32176314	- mg/L	Y 371.029
Ni 216.555	0.003170b	mg/L	0.000787	24.8	15.0729	0.003170 mg/L	Y 371.029
Ni 221.648	0.002892b	mg/L	0.000612	21.2	8.97032	0.002892 mg/L	Y 371.029
Ni 231.604	0.004171b	mg/L	0.000656	15.7	17.2019	0.004171 mg/L	Y 371.029
P 177.434	0.002504uvb	mg/L	0.006857	273.8	2.46059	0.002504 mg/L	Y 371.029
P 213.618	-0.005565uvb	mg/L	0.006139	110.3	6.10372	-0.005565 mg/L	Y 371.029
P 214.914	0.027132b	mg/L	0.014291	52.7	7.00412	0.027132 mg/L	Y 371.029
Pb 220.353	0.002027b	mg/L	0.001522	75.1	7.60705	0.002027 mg/L	Y 371.029
Pb 261.417	-0.026582uvb	mg/L	0.007490	28.2	18.2236	-0.026582 mg/L	Y 371.029
Pb 405.781	0.007792b	mg/L	0.007312	93.8	84.4469	0.007792 mg/L	Y 371.029
Sb 206.834	-0.013616uvb	mg/L	0.005087	37.4	9.03999	-0.013616 mg/L	Y 371.029
Sb 231.146	0.004855uvb	mg/L	0.006081	125.3	4.08252	0.004855 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.031553	567.2	12.7033	uncal mg/L	Y 371.029
Se 196.026	0.007865b	mg/L	0.002157	27.4	4.74536	0.007865 mg/L	Y 371.029
Se 203.985	0.021503b	mg/L	0.008850	41.2	6.44841	0.021503 mg/L	Y 371.029
Si 250.690	0.111241b	mg/L	0.003140	2.8	196.814	0.111241 mg/L	Y 371.029
Si 251.611	0.119103b	mg/L	0.011821	9.9	225.152	0.119103 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.000296	0.2	1621.64	uncal mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	-0.003331uvb	mg/L	0.001850	55.6	2.75951	-0.003331 mg/L	Y 371.029
Sn 283.998	-0.002523uvb	mg/L	0.005307	210.4	19.9264	-0.002523 mg/L	Y 371.029
Sr 216.596	0.008979b	mg/L	0.000121	1.4	82.6805	0.008979 mg/L	Y 371.029
Sr 407.771	0.008025b	mg/L	0.000022	0.3	25810.7	0.008025 mg/L	Y 371.029
Sr 421.552	0.008091b	mg/L	0.000077	1.0	16668.6	0.008091 mg/L	Y 371.029
Ti 334.941	0.000277uvb	mg/L	0.000300	108.3	137.337	0.000277 mg/L	Y 371.029
Ti 336.122	0.000455b	mg/L	0.000225	49.5	81.1537	0.000455 mg/L	Y 371.029
Ti 337.280	0.000595b	mg/L	0.000320	53.8	14.4188	0.000595 mg/L	Y 371.029
Tl 190.794	0.001977uvb	mg/L	0.002911	147.3	2.30549	0.001977 mg/L	Y 371.029
Tl 190.807	0.002837b	mg/L	0.002502	88.2	1.10183	0.002837 mg/L	Y 371.029
Tl 351.923	-0.000324uvb	mg/L	0.006321	1949.4	16.7636	-0.000324 mg/L	Y 371.029
V 268.796	-0.010365b	mg/L	0.000568	5.5	32.6307	-0.010365 mg/L	Y 371.029
V 292.401	-0.000149uvb	mg/L	0.000186	125.4	48.3503	-0.000149 mg/L	Y 371.029
V 311.837	0.000479b	mg/L	0.000198	41.2	13.9435	0.000479 mg/L	Y 371.029
Zn 202.548	0.185448b	mg/L	0.001321	0.7	2352.71	0.185448 mg/L	Y 371.029
Zn 206.200	0.180486b	mg/L	0.001976	1.1	761.697	0.180486 mg/L	Y 371.029
Zn 213.857	0.174180b	mg/L	0.000314	0.2	4282.94	0.174180 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03029	8261.69	65.619	0.8
Y 371.029	0.850509	140255	1036.245	0.7

1118091-DUP1 (Samp) **4/27/2011, 3:16:30 PM** **Rack 1, Tube 40**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001820b	mg/L	0.000492	27.1	539.163	-0.001820 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000708	75.3	-1.12818	uncal mg/L	Y 371.029
Al 237.312	0.104273b	mg/L	0.005376	5.2	186.747	0.104273 mg/L	Y 371.029
Al 257.509	0.076579b	mg/L	0.000896	1.2	77.5808	0.076579 mg/L	Y 371.029
Al 308.215	0.111963b	mg/L	0.002395	2.1	1789.90	0.111963 mg/L	Y 371.029
As 188.980	0.011824b	mg/L	0.001685	14.3	6.06064	0.011824 mg/L	Y 371.029
As 193.696	0.013524b	mg/L	0.004377	32.4	4.71028	0.013524 mg/L	Y 371.029
As 228.812	0.013101b	mg/L	0.002274	17.4	17.5178	0.013101 mg/L	Y 371.029
B 182.577	0.034968b	mg/L	0.001410	4.0	18.5375	0.034968 mg/L	Y 371.029
B 249.678	0.032514b	mg/L	0.001048	3.2	334.423	0.032514 mg/L	Y 371.029
B 249.772	0.034908b	mg/L	0.001498	4.3	645.253	0.034908 mg/L	Y 371.029
Ba 233.527	0.165471b	mg/L	0.001143	0.7	6525.54	0.165471 mg/L	Y 371.029
Ba 455.403	0.155843b	mg/L	0.000154	0.1	140130	0.155843 mg/L	Y 371.029
Ba 493.408	0.155506b	mg/L	0.000105	0.1	85777.0	0.155506 mg/L	Y 371.029
Be 234.861	0.000114b	mg/L	0.000081	71.3	10.8209	0.000114 mg/L	Y 371.029
Be 313.042	0.000087b	mg/L	0.000009	10.7	441.130	0.000087 mg/L	Y 371.029
Be 313.107	0.000099b	mg/L	0.000013	12.8	162.320	0.000099 mg/L	Y 371.029
Ca 393.366	0.464292nb	mg/L	0.002137	0.5	569837	0.464292 mg/L	Y 371.029
Ca 396.847	0.446749b	mg/L	0.000160	0.0	921342	0.446749 mg/L	Y 371.029
Ca 430.253	0.433549b	mg/L	0.013712	3.2	3447.18	0.433549 mg/L	Y 371.029
Cd 214.439	0.000145b	mg/L	0.000080	55.1	3.21835	0.000145 mg/L	Y 371.029
Cd 226.502	-0.000023uvb	mg/L	0.000167	720.7	24.7677	-0.000023 mg/L	Y 371.029
Cd 228.802	0.000515uvb	mg/L	0.000516	100.1	23.7573	0.000515 mg/L	Y 371.029
Co 228.615	0.003614b	mg/L	0.000317	8.8	20.5805	0.003614 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.001985b	mg/L	0.000376	18.9	12.8193	0.001985 mg/L	Y 371.029
Co 238.892	0.000292b	mg/L	0.000415	141.9	11.8198	0.000292 mg/L	Y 371.029
Cr 205.560	-0.000539uvb	mg/L	0.000159	29.6	4.69556	-0.000539 mg/L	Y 371.029
Cr 206.158	-0.000374uvb	mg/L	0.000997	266.1	2.52715	-0.000374 mg/L	Y 371.029
Cr 267.716	-0.000374uvb	mg/L	0.000177	47.4	25.1958	-0.000374 mg/L	Y 371.029
Cu 213.598	-0.000901b	mg/L	0.000549	60.9	7.21489	-0.000901 mg/L	Y 371.029
Cu 324.754	0.003864b	mg/L	0.000500	12.9	365.262	0.003864 mg/L	Y 371.029
Cu 327.395	0.000640b	mg/L	0.000429	67.1	69.8228	0.000640 mg/L	Y 371.029
Fe 234.350	-0.010526b	mg/L	0.000723	6.9	29.6290	-0.010526 mg/L	Y 371.029
Fe 238.204	-0.014145b	mg/L	0.000395	2.8	65.2048	-0.014145 mg/L	Y 371.029
Fe 259.940	-0.013059b	mg/L	0.000320	2.4	78.1213	-0.013059 mg/L	Y 371.029
Ga 287.423	-0.003989uvb	mg/L	0.002489	62.4	13.0183	-0.003989 mg/L	Y 371.029
Ga 294.363	0.002061b	mg/L	0.000792	38.4	27.7435	0.002061 mg/L	Y 371.029
Ga 417.204	-0.000423b	mg/L	0.001157	273.4	118.711	-0.000423 mg/L	Y 371.029
K 766.491	0.240604b	mg/L	0.002224	0.9	19150.4	0.240604 mg/L	Y 371.029
K 769.897	0.225713b	mg/L	0.005578	2.5	26807.2	0.225713 mg/L	Y 371.029
Li 610.365	0.011221b	mg/L	0.000228	2.0	-9.08323	0.011221 mg/L	Y 371.029
Li 670.783	-0.002429uvb	mg/L	0.000108	4.4	62490.5	-0.002429 mg/L	Y 371.029
Mg 279.078	0.519732b	mg/L	0.002144	0.4	846.728	0.519732 mg/L	Y 371.029
Mg 280.270	0.508039b	mg/L	0.005320	1.0	50651.9	0.508039 mg/L	Y 371.029
Mg 285.213	0.496080b	mg/L	0.005888	1.2	17699.5	0.496080 mg/L	Y 371.029
Mn 257.610	0.001105b	mg/L	0.000067	6.1	177.922	0.001105 mg/L	Y 371.029
Mn 259.372	0.000407b	mg/L	0.000032	7.8	203.266	0.000407 mg/L	Y 371.029
Mn 260.568	0.000893b	mg/L	0.000073	8.2	30.7069	0.000893 mg/L	Y 371.029
Mo 202.032	-0.080412b	mg/L	0.001107	1.4	26.7970	-0.080412 mg/L	Y 371.029
Mo 203.846	-0.080347b	mg/L	0.000425	0.5	9.24107	-0.080347 mg/L	Y 371.029
Mo 204.598	-0.083116b	mg/L	0.001306	1.6	8.64519	-0.083116 mg/L	Y 371.029
Na 568.821	148.857b	mg/L	0.937756	0.6	38690.0	148.857 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.568741	0.8	39116052	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.892888	0.8	33214256	- mg/L	Y 371.029
Ni 216.555	0.002733b	mg/L	0.000246	9.0	12.8162	0.002733 mg/L	Y 371.029
Ni 221.648	0.002661b	mg/L	0.001202	45.2	8.45405	0.002661 mg/L	Y 371.029
Ni 231.604	0.003932b	mg/L	0.000802	20.4	16.3609	0.003932 mg/L	Y 371.029
P 177.434	0.001701uvb	mg/L	0.000825	48.5	2.35201	0.001701 mg/L	Y 371.029
P 213.618	-0.009709uvb	mg/L	0.000979	10.1	3.24861	-0.009709 mg/L	Y 371.029
P 214.914	0.007528b	mg/L	0.003821	50.8	3.68471	0.007528 mg/L	Y 371.029
Pb 220.353	0.003132b	mg/L	0.002064	65.9	8.78069	0.003132 mg/L	Y 371.029
Pb 261.417	-0.017768b	mg/L	0.004305	24.2	22.4435	-0.017768 mg/L	Y 371.029
Pb 405.781	-0.001173b	mg/L	0.006636	565.7	73.0057	-0.001173 mg/L	Y 371.029
Sb 206.834	-0.015943uvb	mg/L	0.003792	23.8	7.63004	-0.015943 mg/L	Y 371.029
Sb 231.146	0.007782uvb	mg/L	0.004533	58.3	5.36700	0.007782 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.020706	171.7	10.7816	uncal mg/L	Y 371.029
Se 196.026	0.006805b	mg/L	0.001654	24.3	4.44912	0.006805 mg/L	Y 371.029
Se 203.985	-0.001072uvb	mg/L	0.007829	730.6	2.81545	-0.001072 mg/L	Y 371.029
Si 250.690	0.080391b	mg/L	0.006436	8.0	157.957	0.080391 mg/L	Y 371.029
Si 251.611	0.077475b	mg/L	0.005906	7.6	165.609	0.077475 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.006449	7.3	1402.45	uncal mg/L	Y 371.029
Sn 189.927	-0.000528uvb	mg/L	0.002809	531.5	3.58619	-0.000528 mg/L	Y 371.029
Sn 283.998	-0.005234uvb	mg/L	0.005346	102.1	15.8239	-0.005234 mg/L	Y 371.029
Sr 216.596	0.008145b	mg/L	0.000167	2.0	76.0990	0.008145 mg/L	Y 371.029
Sr 407.771	0.007111b	mg/L	0.000009	0.1	23506.2	0.007111 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.007093b	mg/L	0.000004	0.1	15032.8	0.007093 mg/L	Y 371.029
Ti 334.941	0.000488b	mg/L	0.000117	24.0	178.080	0.000488 mg/L	Y 371.029
Ti 336.122	0.000497b	mg/L	0.000323	64.9	83.1744	0.000497 mg/L	Y 371.029
Ti 337.280	0.000731b	mg/L	0.000332	45.5	17.9874	0.000731 mg/L	Y 371.029
Tl 190.794	0.003282uvb	mg/L	0.002249	68.5	2.74589	0.003282 mg/L	Y 371.029
Tl 190.807	0.010873b	mg/L	0.004675	43.0	2.48202	0.010873 mg/L	Y 371.029
Tl 351.923	-0.001659uvb	mg/L	0.001160	69.9	14.6852	-0.001659 mg/L	Y 371.029
V 268.796	-0.010230b	mg/L	0.000455	4.4	32.2719	-0.010230 mg/L	Y 371.029
V 292.401	-0.000410uvb	mg/L	0.000159	38.7	40.1203	-0.000410 mg/L	Y 371.029
V 311.837	0.000577b	mg/L	0.000177	30.6	17.9485	0.000577 mg/L	Y 371.029
Zn 202.548	0.057234b	mg/L	0.001950	3.4	1238.63	0.057234 mg/L	Y 371.029
Zn 206.200	0.055843b	mg/L	0.002199	3.9	401.603	0.055843 mg/L	Y 371.029
Zn 213.857	0.051492b	mg/L	0.001527	3.0	2251.37	0.051492 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02249	8199.16	19.241	0.2
Y 371.029	0.842925	139004	535.951	0.4

1118091-MS1 (Samp) **4/27/2011, 3:20:21 PM** **Rack 1, Tube 41**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.048686b	mg/L	0.000273	0.6	2968.05	0.048686 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002689	5.8	126.557	uncal mg/L	Y 371.029
Al 237.312	0.601145b	mg/L	0.003046	0.5	797.638	0.601145 mg/L	Y 371.029
Al 257.509	0.582232b	mg/L	0.009278	1.6	365.855	0.582232 mg/L	Y 371.029
Al 308.215	0.641710b	mg/L	0.001894	0.3	4928.89	0.641710 mg/L	Y 371.029
As 188.980	0.111672b	mg/L	0.002647	2.4	39.6015	0.111672 mg/L	Y 371.029
As 193.696	0.112669b	mg/L	0.002887	2.6	45.3906	0.112669 mg/L	Y 371.029
As 228.812	0.196818b	mg/L	0.001199	0.6	338.250	0.196818 mg/L	Y 371.029
B 182.577	0.152673b	mg/L	0.002734	1.8	67.7477	0.152673 mg/L	Y 371.029
B 249.678	0.151377b	mg/L	0.001885	1.2	1341.37	0.151377 mg/L	Y 371.029
B 249.772	0.150510b	mg/L	0.002724	1.8	2534.54	0.150510 mg/L	Y 371.029
Ba 233.527	0.285358b	mg/L	0.001072	0.4	11123.8	0.285358 mg/L	Y 371.029
Ba 455.403	0.273121b	mg/L	0.000264	0.1	242689	0.273121 mg/L	Y 371.029
Ba 493.408	0.272462b	mg/L	0.000249	0.1	148439	0.272462 mg/L	Y 371.029
Be 234.861	0.100193b	mg/L	0.000550	0.5	11632.8	0.100193 mg/L	Y 371.029
Be 313.042	0.101203b	mg/L	0.000493	0.5	171182	0.101203 mg/L	Y 371.029
Be 313.107	0.101679b	mg/L	0.000562	0.6	84667.6	0.101679 mg/L	Y 371.029
Ca 393.366	1.54606nb	mg/L	0.000663	0.0	1839654	1.54606 mg/L	Y 371.029
Ca 396.847	1.50166b	mg/L	0.000851	0.1	3010007	1.50166 mg/L	Y 371.029
Ca 430.253	1.50411b	mg/L	0.010768	0.7	8012.87	1.50411 mg/L	Y 371.029
Cd 214.439	0.103035b	mg/L	0.000560	0.5	1906.12	0.103035 mg/L	Y 371.029
Cd 226.502	0.103719b	mg/L	0.000335	0.3	3790.96	0.103719 mg/L	Y 371.029
Cd 228.802	0.101918b	mg/L	0.000319	0.3	1413.76	0.101918 mg/L	Y 371.029
Co 228.615	0.105726b	mg/L	0.000230	0.2	895.225	0.105726 mg/L	Y 371.029
Co 230.786	0.104797b	mg/L	0.000621	0.6	631.234	0.104797 mg/L	Y 371.029
Co 238.892	0.099340b	mg/L	0.000352	0.4	566.735	0.099340 mg/L	Y 371.029
Cr 205.560	0.097701b	mg/L	0.000899	0.9	403.436	0.097701 mg/L	Y 371.029
Cr 206.158	0.098577b	mg/L	0.001695	1.7	164.413	0.098577 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.100410b	mg/L	0.000198	0.2	2203.20	0.100410 mg/L	Y 371.029
Cu 213.598	0.100644b	mg/L	0.002271	2.3	404.220	0.100644 mg/L	Y 371.029
Cu 324.754	0.100461b	mg/L	0.000218	0.2	3435.65	0.100461 mg/L	Y 371.029
Cu 327.395	0.098970b	mg/L	0.000218	0.2	4264.94	0.098970 mg/L	Y 371.029
Fe 234.350	0.537021b	mg/L	0.002646	0.5	4789.69	0.537021 mg/L	Y 371.029
Fe 238.204	0.525435b	mg/L	0.002585	0.5	9716.90	0.525435 mg/L	Y 371.029
Fe 259.940	0.520928b	mg/L	0.008067	1.5	7951.68	0.520928 mg/L	Y 371.029
Ga 287.423	0.093893b	mg/L	0.004421	4.7	240.280	0.093893 mg/L	Y 371.029
Ga 294.363	0.097877b	mg/L	0.000896	0.9	600.591	0.097877 mg/L	Y 371.029
Ga 417.204	0.093549b	mg/L	0.000676	0.7	963.062	0.093549 mg/L	Y 371.029
K 766.491	1.46495b	mg/L	0.007638	0.5	103113	1.46495 mg/L	Y 371.029
K 769.897	1.37986b	mg/L	0.007711	0.6	92237.2	1.37986 mg/L	Y 371.029
Li 610.365	0.074224b	mg/L	0.000816	1.1	3143.24	0.074224 mg/L	Y 371.029
Li 670.783	0.106508b	mg/L	0.000443	0.4	437861	0.106508 mg/L	Y 371.029
Mg 279.078	1.63850b	mg/L	0.006269	0.4	2646.71	1.63850 mg/L	Y 371.029
Mg 280.270	1.62302b	mg/L	0.012412	0.8	160799	1.62302 mg/L	Y 371.029
Mg 285.213	1.59628b	mg/L	0.019526	1.2	56662.7	1.59628 mg/L	Y 371.029
Mn 257.610	0.101325b	mg/L	0.001337	1.3	14822.9	0.101325 mg/L	Y 371.029
Mn 259.372	0.100664b	mg/L	0.000910	0.9	11160.9	0.100664 mg/L	Y 371.029
Mn 260.568	0.102544b	mg/L	0.000579	0.6	1911.52	0.102544 mg/L	Y 371.029
Mo 202.032	0.014001b	mg/L	0.001141	8.2	354.747	0.014001 mg/L	Y 371.029
Mo 203.846	0.011940b	mg/L	0.001352	11.3	149.484	0.011940 mg/L	Y 371.029
Mo 204.598	0.009248b	mg/L	0.002210	23.9	168.986	0.009248 mg/L	Y 371.029
Na 568.821	152.824b	mg/L	0.412987	0.3	39723.2	152.824 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.585854	0.9	38419476	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.32845	1.2	32731522	- mg/L	Y 371.029
Ni 216.555	0.105033b	mg/L	0.000684	0.7	531.932	0.105033 mg/L	Y 371.029
Ni 221.648	0.101699b	mg/L	0.000523	0.5	207.791	0.101699 mg/L	Y 371.029
Ni 231.604	0.105596b	mg/L	0.000241	0.2	358.608	0.105596 mg/L	Y 371.029
P 177.434	0.106694b	mg/L	0.006369	6.0	17.9572	0.106694 mg/L	Y 371.029
P 213.618	0.094134b	mg/L	0.005187	5.5	73.4840	0.094134 mg/L	Y 371.029
P 214.914	0.125312b	mg/L	0.011439	9.1	24.6376	0.125312 mg/L	Y 371.029
Pb 220.353	0.103571b	mg/L	0.001421	1.4	117.982	0.103571 mg/L	Y 371.029
Pb 261.417	0.041079b	mg/L	0.002624	6.4	51.8264	0.041079 mg/L	Y 371.029
Pb 405.781	0.091643b	mg/L	0.002600	2.8	191.326	0.091643 mg/L	Y 371.029
Sb 206.834	0.099911b	mg/L	0.007908	7.9	72.6734	0.099911 mg/L	Y 371.029
Sb 231.146	0.121202b	mg/L	0.007379	6.1	52.2067	0.121202 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.006531	7.7	40.0529	uncal mg/L	Y 371.029
Se 196.026	0.100535b	mg/L	0.004439	4.4	31.8387	0.100535 mg/L	Y 371.029
Se 203.985	0.103251b	mg/L	0.011402	11.0	21.3067	0.103251 mg/L	Y 371.029
Si 250.690	0.261500b	mg/L	0.000863	0.3	387.193	0.261500 mg/L	Y 371.029
Si 251.611	0.258821b	mg/L	0.003256	1.3	427.721	0.258821 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002263	0.8	2751.09	uncal mg/L	Y 371.029
Sn 189.927	0.104682b	mg/L	0.003470	3.3	34.8001	0.104682 mg/L	Y 371.029
Sn 283.998	0.098971b	mg/L	0.003410	3.4	260.125	0.098971 mg/L	Y 371.029
Sr 216.596	0.114739b	mg/L	0.000937	0.8	910.240	0.114739 mg/L	Y 371.029
Sr 407.771	0.109328b	mg/L	0.000505	0.5	280415	0.109328 mg/L	Y 371.029
Sr 421.552	0.109304b	mg/L	0.000505	0.5	181924	0.109304 mg/L	Y 371.029
Ti 334.941	0.100885b	mg/L	0.001376	1.4	21656.2	0.100885 mg/L	Y 371.029
Ti 336.122	0.100741b	mg/L	0.001608	1.6	9105.15	0.100741 mg/L	Y 371.029
Ti 337.280	0.100327b	mg/L	0.000291	0.3	3065.20	0.100327 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.098023b	mg/L	0.003782	3.9	35.5894	0.098023 mg/L	Y 371.029
Tl 190.807	0.104879b	mg/L	0.007317	7.0	18.8624	0.104879 mg/L	Y 371.029
Tl 351.923	0.102234b	mg/L	0.001818	1.8	179.768	0.102234 mg/L	Y 371.029
V 268.796	0.088985b	mg/L	0.000706	0.8	965.282	0.088985 mg/L	Y 371.029
V 292.401	0.099887b	mg/L	0.000059	0.1	3036.25	0.099887 mg/L	Y 371.029
V 311.837	0.097993b	mg/L	0.000262	0.3	3995.62	0.097993 mg/L	Y 371.029
Zn 202.548	0.297515b	mg/L	0.001885	0.6	3339.86	0.297515 mg/L	Y 371.029
Zn 206.200	0.288413b	mg/L	0.002244	0.8	1074.91	0.288413 mg/L	Y 371.029
Zn 213.857	0.282056b	mg/L	0.001085	0.4	6090.37	0.282056 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02075	8185.14	30.570	0.4
Y 371.029	0.844593	139279	556.462	0.4

1118091-MSD1 (Samp) **4/27/2011, 3:24:12 PM** **Rack 1, Tube 42**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.048845b	mg/L	0.000228	0.5	2976.15	0.048845 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001684	3.8	121.514	uncal mg/L	Y 371.029
Al 237.312	0.600932b	mg/L	0.008767	1.5	797.412	0.600932 mg/L	Y 371.029
Al 257.509	0.592845b	mg/L	0.013205	2.2	371.939	0.592845 mg/L	Y 371.029
Al 308.215	0.639452b	mg/L	0.003778	0.6	4915.42	0.639452 mg/L	Y 371.029
As 188.980	0.115706b	mg/L	0.006068	5.2	40.9533	0.115706 mg/L	Y 371.029
As 193.696	0.119367b	mg/L	0.003856	3.2	48.1350	0.119367 mg/L	Y 371.029
As 228.812	0.199131b	mg/L	0.005439	2.7	342.027	0.199131 mg/L	Y 371.029
B 182.577	0.156794b	mg/L	0.001746	1.1	69.4688	0.156794 mg/L	Y 371.029
B 249.678	0.159668b	mg/L	0.002670	1.7	1411.52	0.159668 mg/L	Y 371.029
B 249.772	0.157919b	mg/L	0.001059	0.7	2655.21	0.157919 mg/L	Y 371.029
Ba 233.527	0.291575b	mg/L	0.003628	1.2	11362.1	0.291575 mg/L	Y 371.029
Ba 455.403	0.280385b	mg/L	0.000293	0.1	249040	0.280385 mg/L	Y 371.029
Ba 493.408	0.279748b	mg/L	0.000171	0.1	152342	0.279748 mg/L	Y 371.029
Be 234.861	0.101077b	mg/L	0.001141	1.1	11735.5	0.101077 mg/L	Y 371.029
Be 313.042	0.102708b	mg/L	0.000523	0.5	173724	0.102708 mg/L	Y 371.029
Be 313.107	0.103223b	mg/L	0.000438	0.4	85951.8	0.103223 mg/L	Y 371.029
Ca 393.366	1.56341nb	mg/L	0.002676	0.2	1860037	1.56341 mg/L	Y 371.029
Ca 396.847	1.51893b	mg/L	0.002526	0.2	3044230	1.51893 mg/L	Y 371.029
Ca 430.253	1.51380b	mg/L	0.018518	1.2	8055.40	1.51380 mg/L	Y 371.029
Cd 214.439	0.104728b	mg/L	0.001207	1.2	1937.44	0.104728 mg/L	Y 371.029
Cd 226.502	0.104769b	mg/L	0.000454	0.4	3829.10	0.104769 mg/L	Y 371.029
Cd 228.802	0.103042b	mg/L	0.000602	0.6	1429.17	0.103042 mg/L	Y 371.029
Co 228.615	0.107205b	mg/L	0.000984	0.9	907.857	0.107205 mg/L	Y 371.029
Co 230.786	0.106078b	mg/L	0.000378	0.4	638.937	0.106078 mg/L	Y 371.029
Co 238.892	0.099810b	mg/L	0.000102	0.1	569.362	0.099810 mg/L	Y 371.029
Cr 205.560	0.099431b	mg/L	0.000304	0.3	410.452	0.099431 mg/L	Y 371.029
Cr 206.158	0.101277b	mg/L	0.003484	3.4	168.824	0.101277 mg/L	Y 371.029
Cr 267.716	0.102012b	mg/L	0.000316	0.3	2237.78	0.102012 mg/L	Y 371.029
Cu 213.598	0.100947b	mg/L	0.000996	1.0	405.515	0.100947 mg/L	Y 371.029
Cu 324.754	0.101474b	mg/L	0.000467	0.5	3467.55	0.101474 mg/L	Y 371.029
Cu 327.395	0.099993b	mg/L	0.000300	0.3	4308.65	0.099993 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.545601b	mg/L	0.002239	0.4	4864.37	0.545601 mg/L	Y 371.029
Fe 238.204	0.538226b	mg/L	0.007650	1.4	9945.44	0.538226 mg/L	Y 371.029
Fe 259.940	0.527286b	mg/L	0.001560	0.3	8045.93	0.527286 mg/L	Y 371.029
Ga 287.423	0.093968b	mg/L	0.003704	3.9	240.645	0.093968 mg/L	Y 371.029
Ga 294.363	0.098757b	mg/L	0.002017	2.0	605.921	0.098757 mg/L	Y 371.029
Ga 417.204	0.096452b	mg/L	0.000108	0.1	987.935	0.096452 mg/L	Y 371.029
K 766.491	1.48095b	mg/L	0.008294	0.6	104212	1.48095 mg/L	Y 371.029
K 769.897	1.39538b	mg/L	0.012018	0.9	93121.3	1.39538 mg/L	Y 371.029
Li 610.365	0.075514b	mg/L	0.000632	0.8	3207.80	0.075514 mg/L	Y 371.029
Li 670.783	0.107829b	mg/L	0.000576	0.5	442423	0.107829 mg/L	Y 371.029
Mg 279.078	1.65097b	mg/L	0.016055	1.0	2666.76	1.65097 mg/L	Y 371.029
Mg 280.270	1.63923b	mg/L	0.006426	0.4	162402	1.63923 mg/L	Y 371.029
Mg 285.213	1.63381b	mg/L	0.019378	1.2	57991.8	1.63381 mg/L	Y 371.029
Mn 257.610	0.101867b	mg/L	0.000623	0.6	14901.1	0.101867 mg/L	Y 371.029
Mn 259.372	0.101420b	mg/L	0.000901	0.9	11247.9	0.101420 mg/L	Y 371.029
Mn 260.568	0.103745b	mg/L	0.000959	0.9	1933.70	0.103745 mg/L	Y 371.029
Mo 202.032	0.021790b	mg/L	0.001779	8.2	381.979	0.021790 mg/L	Y 371.029
Mo 203.846	0.018730b	mg/L	0.000414	2.2	159.913	0.018730 mg/L	Y 371.029
Mo 204.598	0.017143b	mg/L	0.001217	7.1	182.771	0.017143 mg/L	Y 371.029
Na 568.821	153.270b	mg/L	0.762772	0.5	39838.7	153.270 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.825373	1.2	38796424	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.26827	1.2	32641088	- mg/L	Y 371.029
Ni 216.555	0.106198b	mg/L	0.000359	0.3	537.846	0.106198 mg/L	Y 371.029
Ni 221.648	0.103152b	mg/L	0.000497	0.5	210.718	0.103152 mg/L	Y 371.029
Ni 231.604	0.107083b	mg/L	0.000508	0.5	363.607	0.107083 mg/L	Y 371.029
P 177.434	0.108848b	mg/L	0.005827	5.4	18.2744	0.108848 mg/L	Y 371.029
P 213.618	0.096039b	mg/L	0.003237	3.4	74.7630	0.096039 mg/L	Y 371.029
P 214.914	0.148275b	mg/L	0.027904	18.8	28.5471	0.148275 mg/L	Y 371.029
Pb 220.353	0.107538b	mg/L	0.004433	4.1	122.296	0.107538 mg/L	Y 371.029
Pb 261.417	0.043114b	mg/L	0.006671	15.5	52.8798	0.043114 mg/L	Y 371.029
Pb 405.781	0.093662b	mg/L	0.011282	12.0	193.937	0.093662 mg/L	Y 371.029
Sb 206.834	0.098781b	mg/L	0.002221	2.2	72.0788	0.098781 mg/L	Y 371.029
Sb 231.146	0.127111b	mg/L	0.003982	3.1	54.6167	0.127111 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.011315	16.7	34.9532	uncal mg/L	Y 371.029
Se 196.026	0.114600b	mg/L	0.009410	8.2	35.9411	0.114600 mg/L	Y 371.029
Se 203.985	0.111342b	mg/L	0.022659	20.4	22.6565	0.111342 mg/L	Y 371.029
Si 250.690	0.304832b	mg/L	0.004592	1.5	441.612	0.304832 mg/L	Y 371.029
Si 251.611	0.300659b	mg/L	0.006200	2.1	487.346	0.300659 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.009004	2.9	3039.90	uncal mg/L	Y 371.029
Sn 189.927	0.101307b	mg/L	0.000170	0.2	33.8018	0.101307 mg/L	Y 371.029
Sn 283.998	0.093284b	mg/L	0.002951	3.2	255.029	0.093284 mg/L	Y 371.029
Sr 216.596	0.115934b	mg/L	0.000501	0.4	919.595	0.115934 mg/L	Y 371.029
Sr 407.771	0.110590b	mg/L	0.000299	0.3	283588	0.110590 mg/L	Y 371.029
Sr 421.552	0.110473b	mg/L	0.000154	0.1	183833	0.110473 mg/L	Y 371.029
Ti 334.941	0.100997b	mg/L	0.000429	0.4	21680.7	0.100997 mg/L	Y 371.029
Ti 336.122	0.101483b	mg/L	0.000498	0.5	9172.05	0.101483 mg/L	Y 371.029
Ti 337.280	0.101085b	mg/L	0.000619	0.6	3088.43	0.101085 mg/L	Y 371.029
Tl 190.794	0.100020b	mg/L	0.000821	0.8	36.2784	0.100020 mg/L	Y 371.029
Tl 190.807	0.096693b	mg/L	0.003381	3.5	17.4570	0.096693 mg/L	Y 371.029
Tl 351.923	0.105129b	mg/L	0.001298	1.2	184.342	0.105129 mg/L	Y 371.029
V 268.796	0.090251b	mg/L	0.000480	0.5	983.648	0.090251 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.101281b	mg/L	0.000546	0.5	3077.85	0.101281 mg/L	Y 371.029
V 311.837	0.099419b	mg/L	0.000533	0.5	4053.88	0.099419 mg/L	Y 371.029
Zn 202.548	0.303848b	mg/L	0.002191	0.7	3395.28	0.303848 mg/L	Y 371.029
Zn 206.200	0.295149b	mg/L	0.002217	0.8	1094.48	0.295149 mg/L	Y 371.029
Zn 213.857	0.286631b	mg/L	0.000471	0.2	6166.98	0.286631 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01594	8146.58	65.320	0.8
Y 371.029	0.842032	138857	1497.900	1.1

SEQ-CCV4 (Samp) **4/27/2011, 4:23:02 PM** **Rack 1, Tube 43**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.101888	mg/L	0.000258	0.3	5371.42	0.101888 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000204	0.2	265.200	uncal mg/L	Y 371.029
Al 237.312	2.47456	mg/L	0.005802	0.2	3091.09	2.47456 mg/L	Y 371.029
Al 257.509	2.51224	mg/L	0.019590	0.8	1448.75	2.51224 mg/L	Y 371.029
Al 308.215	2.53220	mg/L	0.005840	0.2	16304.1	2.53220 mg/L	Y 371.029
As 188.980	0.499978	mg/L	0.007471	1.5	173.203	0.499978 mg/L	Y 371.029
As 193.696	0.507631	mg/L	0.004211	0.8	210.069	0.507631 mg/L	Y 371.029
As 228.812	0.641241	mg/L	0.019262	3.0	972.166	0.641241 mg/L	Y 371.029
B 182.577	0.483731	mg/L	0.004103	0.8	206.263	0.483731 mg/L	Y 371.029
B 249.678	0.496080	mg/L	0.010257	2.1	4241.56	0.496080 mg/L	Y 371.029
B 249.772	0.477718	mg/L	0.018580	3.9	7848.00	0.477718 mg/L	Y 371.029
Ba 233.527	0.509468	mg/L	0.004343	0.9	19715.9	0.509468 mg/L	Y 371.029
Ba 455.403	0.498817	mg/L	0.000499	0.1	440243	0.498817 mg/L	Y 371.029
Ba 493.408	0.497389	mg/L	0.000205	0.0	268964	0.497389 mg/L	Y 371.029
Be 234.861	0.507416	mg/L	0.001316	0.3	58934.6	0.507416 mg/L	Y 371.029
Be 313.042	0.500378	mg/L	0.003933	0.8	845203	0.500378 mg/L	Y 371.029
Be 313.107	0.505195	mg/L	0.003869	0.8	420374	0.505195 mg/L	Y 371.029
Ca 393.366	4.77986n	mg/L	0.061813	1.3	5628254	4.77986 mg/L	Y 371.029
Ca 396.847	4.66434	mg/L	0.008659	0.2	9263349	4.66434 mg/L	Y 371.029
Ca 430.253	5.04331	mg/L	0.003579	0.1	22654.9	5.04331 mg/L	Y 371.029
Cd 214.439	0.255627	mg/L	0.001625	0.6	4727.67	0.255627 mg/L	Y 371.029
Cd 226.502	0.256386	mg/L	0.000310	0.1	9329.00	0.256386 mg/L	Y 371.029
Cd 228.802	0.254201	mg/L	0.000312	0.1	3502.24	0.254201 mg/L	Y 371.029
Co 228.615	0.510221	mg/L	0.001077	0.2	4363.62	0.510221 mg/L	Y 371.029
Co 230.786	0.511585	mg/L	0.002790	0.5	3082.03	0.511585 mg/L	Y 371.029
Co 238.892	0.508406	mg/L	0.000149	0.0	2868.54	0.508406 mg/L	Y 371.029
Cr 205.560	0.500993	mg/L	0.003267	0.7	2036.83	0.500993 mg/L	Y 371.029
Cr 206.158	0.500827	mg/L	0.006067	1.2	819.006	0.500827 mg/L	Y 371.029
Cr 267.716	0.502388	mg/L	0.003052	0.6	10875.0	0.502388 mg/L	Y 371.029
Cu 213.598	0.513580	mg/L	0.002978	0.6	2008.91	0.513580 mg/L	Y 371.029
Cu 324.754	0.491209	mg/L	0.000519	0.1	15966.2	0.491209 mg/L	Y 371.029
Cu 327.395	0.486617	mg/L	0.000409	0.1	20754.3	0.486617 mg/L	Y 371.029
Fe 234.350	0.528527	mg/L	0.001654	0.3	4820.91	0.528527 mg/L	Y 371.029
Fe 238.204	0.515210	mg/L	0.010550	2.0	9507.18	0.515210 mg/L	Y 371.029
Fe 259.940	0.520198	mg/L	0.007209	1.4	7902.23	0.520198 mg/L	Y 371.029
Ga 287.423	0.504010	mg/L	0.003299	0.7	1147.02	0.504010 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.508039	mg/L	0.000609	0.1	3038.43	0.508039 mg/L	Y 371.029
Ga 417.204	0.509276	mg/L	0.002437	0.5	4661.22	0.509276 mg/L	Y 371.029
K 766.491	5.29425	mg/L	0.001788	0.0	365059	5.29425 mg/L	Y 371.029
K 769.897	5.10862	mg/L	0.004145	0.1	301981	5.10862 mg/L	Y 371.029
Li 610.365	1.01464	mg/L	0.001886	0.2	50197.0	1.01464 mg/L	Y 371.029
Li 670.783	1.08470	mg/L	0.001605	0.1	3801715	1.08470 mg/L	Y 371.029
Mg 279.078	5.16343	mg/L	0.010024	0.2	8320.10	5.16343 mg/L	Y 371.029
Mg 280.270	5.15105	mg/L	0.025099	0.5	509133	5.15105 mg/L	Y 371.029
Mg 285.213	5.20972	mg/L	0.051619	1.0	184547	5.20972 mg/L	Y 371.029
Mn 257.610	0.499928	mg/L	0.006797	1.4	73050.6	0.499928 mg/L	Y 371.029
Mn 259.372	0.501188	mg/L	0.009858	2.0	54736.8	0.501188 mg/L	Y 371.029
Mn 260.568	0.508537	mg/L	0.003138	0.6	9409.87	0.508537 mg/L	Y 371.029
Mo 202.032	1.04585	mg/L	0.009020	0.9	3580.79	1.04585 mg/L	Y 371.029
Mo 203.846	1.01319	mg/L	0.003866	0.4	1508.38	1.01319 mg/L	Y 371.029
Mo 204.598	1.04106	mg/L	0.006285	0.6	1769.98	1.04106 mg/L	Y 371.029
Na 568.821	5.03386	mg/L	0.053351	1.1	1422.14	5.03386 mg/L	Y 371.029
Na 588.995	5.66973	mg/L	0.016631	0.3	3508350	5.66973 mg/L	Y 371.029
Na 589.592	5.27793	mg/L	0.012471	0.2	1688147	5.27793 mg/L	Y 371.029
Ni 216.555	1.01951	mg/L	0.000460	0.0	5150.18	1.01951 mg/L	Y 371.029
Ni 221.648	1.01053	mg/L	0.002903	0.3	2026.66	1.01053 mg/L	Y 371.029
Ni 231.604	1.02017	mg/L	0.002098	0.2	3424.63	1.02017 mg/L	Y 371.029
P 177.434	0.517502	mg/L	0.004056	0.8	79.7308	0.517502 mg/L	Y 371.029
P 213.618	0.520846	mg/L	0.010726	2.1	354.159	0.520846 mg/L	Y 371.029
P 214.914	0.529556	mg/L	0.008525	1.6	98.1358	0.529556 mg/L	Y 371.029
Pb 220.353	1.01234	mg/L	0.002378	0.2	1104.70	1.01234 mg/L	Y 371.029
Pb 261.417	0.993654	mg/L	0.007273	0.7	508.436	0.993654 mg/L	Y 371.029
Pb 405.781	0.986753	mg/L	0.008691	0.9	1305.39	0.986753 mg/L	Y 371.029
Sb 206.834	0.857470	mg/L	0.013516	1.6	488.328	0.857470 mg/L	Y 371.029
Sb 231.146	0.912463	mg/L	0.022421	2.5	383.610	0.912463 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.020097	2.1	305.557	uncal mg/L	Y 371.029
Se 196.026	1.01667	mg/L	0.017436	1.7	300.460	1.01667 mg/L	Y 371.029
Se 203.985	1.01493	mg/L	0.016379	1.6	176.692	1.01493 mg/L	Y 371.029
Si 250.690	1.04376	mg/L	0.007631	0.7	1364.45	1.04376 mg/L	Y 371.029
Si 251.611	1.03193	mg/L	0.001561	0.2	1531.08	1.03193 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.008041	0.8	8303.61	uncal mg/L	Y 371.029
Sn 189.927	1.04804	mg/L	0.004360	0.4	313.828	1.04804 mg/L	Y 371.029
Sn 283.998	0.997493	mg/L	0.004712	0.5	1896.93	0.997493 mg/L	Y 371.029
Sr 216.596	0.502467	mg/L	0.000708	0.1	3941.21	0.502467 mg/L	Y 371.029
Sr 407.771	0.481163	mg/L	0.002492	0.5	1214746	0.481163 mg/L	Y 371.029
Sr 421.552	0.488492	mg/L	0.003892	0.8	800856	0.488492 mg/L	Y 371.029
Ti 334.941	0.502699	mg/L	0.005535	1.1	107572	0.502699 mg/L	Y 371.029
Ti 336.122	0.510402	mg/L	0.003941	0.8	45948.5	0.510402 mg/L	Y 371.029
Ti 337.280	0.508614	mg/L	0.004027	0.8	15540.5	0.508614 mg/L	Y 371.029
Tl 190.794	0.514160	mg/L	0.003437	0.7	180.535	0.514160 mg/L	Y 371.029
Tl 190.807	0.515753	mg/L	0.003513	0.7	90.5186	0.515753 mg/L	Y 371.029
Tl 351.923	0.514263	mg/L	0.000571	0.1	843.880	0.514263 mg/L	Y 371.029
V 268.796	0.504903	mg/L	0.001993	0.4	5327.25	0.504903 mg/L	Y 371.029
V 292.401	0.495789	mg/L	0.001621	0.3	14841.1	0.495789 mg/L	Y 371.029
V 311.837	0.503703	mg/L	0.001343	0.3	20543.4	0.503703 mg/L	Y 371.029
Zn 202.548	0.523313	mg/L	0.002789	0.5	5223.98	0.523313 mg/L	Y 371.029
Zn 206.200	0.514506	mg/L	0.003078	0.6	1690.57	0.514506 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.500500	mg/L	0.009261	1.9	9587.12	0.500500 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01091	8106.24	31.526	0.4
Y 371.029	0.853651	140773	658.783	0.5

SEQ-CCB4 (Samp) **4/27/2011, 4:27:16 PM** **Rack 1, Tube 44**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000879	mg/L	0.000123	14.0	517.059	0.000879 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001774	133.5	-0.368277	uncal mg/L	Y 371.029
Al 237.312	0.006025	mg/L	0.002279	37.8	55.6632	0.006025 mg/L	Y 371.029
Al 257.509	0.008623	mg/L	0.007100	82.3	23.6495	0.008623 mg/L	Y 371.029
Al 308.215	-0.006110uv	mg/L	0.001341	21.9	1217.48	-0.006110 mg/L	Y 371.029
As 188.980	0.002108	mg/L	0.000697	33.0	5.69358	0.002108 mg/L	Y 371.029
As 193.696	0.008836	mg/L	0.001056	12.0	5.24819	0.008836 mg/L	Y 371.029
As 228.812	0.007837	mg/L	0.004127	52.7	18.1074	0.007837 mg/L	Y 371.029
B 182.577	0.009301	mg/L	0.002079	22.4	7.94573	0.009301 mg/L	Y 371.029
B 249.678	0.007467	mg/L	0.002296	30.7	104.935	0.007467 mg/L	Y 371.029
B 249.772	0.007939	mg/L	0.002159	27.2	194.452	0.007939 mg/L	Y 371.029
Ba 233.527	0.000157	mg/L	0.000091	58.0	180.771	0.000157 mg/L	Y 371.029
Ba 455.403	-0.000101uv	mg/L	0.000022	22.1	3920.63	-0.000101 mg/L	Y 371.029
Ba 493.408	-0.000026uv	mg/L	0.000011	44.3	2461.31	-0.000026 mg/L	Y 371.029
Be 234.861	0.000038	mg/L	0.000019	50.2	0.703227	0.000038 mg/L	Y 371.029
Be 313.042	0.000002uv	mg/L	0.000006	269.0	331.030	0.000002 mg/L	Y 371.029
Be 313.107	0.000006uv	mg/L	0.000010	156.4	80.6213	0.000006 mg/L	Y 371.029
Ca 393.366	-0.002951nuv	mg/L	0.000026	0.9	14994.5	-0.002951 mg/L	Y 371.029
Ca 396.847	-0.002488uv	mg/L	0.000105	4.2	24237.4	-0.002488 mg/L	Y 371.029
Ca 430.253	-0.016558uv	mg/L	0.004692	28.3	1129.38	-0.016558 mg/L	Y 371.029
Cd 214.439	0.000227	mg/L	0.000065	28.8	4.54300	0.000227 mg/L	Y 371.029
Cd 226.502	0.000062uv	mg/L	0.000093	149.5	24.6242	0.000062 mg/L	Y 371.029
Cd 228.802	0.000061uv	mg/L	0.000131	215.7	18.0906	0.000061 mg/L	Y 371.029
Co 228.615	0.000855	mg/L	0.000242	28.3	4.92025	0.000855 mg/L	Y 371.029
Co 230.786	0.000143uv	mg/L	0.000200	139.2	6.84907	0.000143 mg/L	Y 371.029
Co 238.892	0.000266uv	mg/L	0.000602	226.6	5.54427	0.000266 mg/L	Y 371.029
Cr 205.560	-0.000434uv	mg/L	0.000506	116.7	3.48901	-0.000434 mg/L	Y 371.029
Cr 206.158	0.000540	mg/L	0.000368	68.1	2.39527	0.000540 mg/L	Y 371.029
Cr 267.716	-0.000193uv	mg/L	0.000152	78.6	22.1329	-0.000193 mg/L	Y 371.029
Cu 213.598	0.000081	mg/L	0.000141	175.2	1.96731	0.000081 mg/L	Y 371.029
Cu 324.754	-0.000649uv	mg/L	0.000127	19.7	324.859	-0.000649 mg/L	Y 371.029
Cu 327.395	0.000646	mg/L	0.000606	93.8	45.9459	0.000646 mg/L	Y 371.029
Fe 234.350	-0.000084uv	mg/L	0.000295	349.5	13.1250	-0.000084 mg/L	Y 371.029
Fe 238.204	-0.000063uv	mg/L	0.000317	506.7	40.8299	-0.000063 mg/L	Y 371.029
Fe 259.940	-0.000399uv	mg/L	0.000486	121.7	49.4225	-0.000399 mg/L	Y 371.029
Ga 287.423	-0.001072uv	mg/L	0.004154	387.4	14.7408	-0.001072 mg/L	Y 371.029
Ga 294.363	0.003814	mg/L	0.000603	15.8	27.0189	0.003814 mg/L	Y 371.029
Ga 417.204	-0.003071uv	mg/L	0.000853	27.8	85.2213	-0.003071 mg/L	Y 371.029
K 766.491	-0.000550uv	mg/L	0.000343	62.4	1990.12	-0.000550 mg/L	Y 371.029
K 769.897	-0.000465uv	mg/L	0.002037	437.7	12411.5	-0.000465 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.011233	mg/L	0.000241	2.1	-8.50949	0.011233 mg/L	Y 371.029
Li 670.783	-0.001927uv	mg/L	0.000019	1.0	60401.4	-0.001927 mg/L	Y 371.029
Mg 279.078	0.001634uv	mg/L	0.002041	124.9	16.3001	0.001634 mg/L	Y 371.029
Mg 280.270	-0.000277uv	mg/L	0.000037	13.4	273.481	-0.000277 mg/L	Y 371.029
Mg 285.213	0.000420	mg/L	0.000061	14.5	75.7425	0.000420 mg/L	Y 371.029
Mn 257.610	-0.000037uv	mg/L	0.000004	11.1	8.51767	-0.000037 mg/L	Y 371.029
Mn 259.372	-0.000060uv	mg/L	0.000101	166.6	55.2734	-0.000060 mg/L	Y 371.029
Mn 260.568	-0.000073uv	mg/L	0.000027	36.8	6.03356	-0.000073 mg/L	Y 371.029
Mo 202.032	0.021047	mg/L	0.002650	12.6	92.5795	0.021047 mg/L	Y 371.029
Mo 203.846	0.024352	mg/L	0.003748	15.4	38.0639	0.024352 mg/L	Y 371.029
Mo 204.598	0.021563	mg/L	0.002222	10.3	39.1118	0.021563 mg/L	Y 371.029
Na 568.821	0.611468	mg/L	0.049568	8.1	257.528	0.611468 mg/L	Y 371.029
Na 588.995	-0.246662uv	mg/L	0.000607	0.2	186063	-0.246662 mg/L	Y 371.029
Na 589.592	-0.093682uv	mg/L	0.000372	0.4	66655.4	-0.093682 mg/L	Y 371.029
Ni 216.555	0.001056	mg/L	0.000359	34.0	5.70172	0.001056 mg/L	Y 371.029
Ni 221.648	0.000069uv	mg/L	0.000445	643.5	2.32541	0.000069 mg/L	Y 371.029
Ni 231.604	0.001141	mg/L	0.000222	19.4	9.35313	0.001141 mg/L	Y 371.029
P 177.434	-0.004526uv	mg/L	0.004434	98.0	2.09017	-0.004526 mg/L	Y 371.029
P 213.618	0.001554	mg/L	0.001420	91.3	3.71901	0.001554 mg/L	Y 371.029
P 214.914	0.009507	mg/L	0.008359	87.9	4.40659	0.009507 mg/L	Y 371.029
Pb 220.353	-0.000294uv	mg/L	0.000450	153.1	4.26947	-0.000294 mg/L	Y 371.029
Pb 261.417	0.007928	mg/L	0.007597	95.8	19.3867	0.007928 mg/L	Y 371.029
Pb 405.781	0.002002uv	mg/L	0.005051	252.2	60.0544	0.002002 mg/L	Y 371.029
Sb 206.834	0.043953	mg/L	0.003981	9.1	34.0285	0.043953 mg/L	Y 371.029
Sb 231.146	0.043097	mg/L	0.001100	2.6	24.8206	0.043097 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.019619	147.5	21.2939	uncal mg/L	Y 371.029
Se 196.026	0.012480	mg/L	0.004099	32.8	7.06229	0.012480 mg/L	Y 371.029
Se 203.985	0.001342uv	mg/L	0.007859	585.4	4.49251	0.001342 mg/L	Y 371.029
Si 250.690	0.001932uv	mg/L	0.004451	230.4	49.2067	0.001932 mg/L	Y 371.029
Si 251.611	0.002575	mg/L	0.000723	28.1	42.0279	0.002575 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001947	32.3	719.604	uncal mg/L	Y 371.029
Sn 189.927	0.002289	mg/L	0.001686	73.6	3.81845	0.002289 mg/L	Y 371.029
Sn 283.998	-0.000535uv	mg/L	0.001270	237.5	13.0307	-0.000535 mg/L	Y 371.029
Sr 216.596	0.000613uv	mg/L	0.000541	88.3	18.0072	0.000613 mg/L	Y 371.029
Sr 407.771	-0.000055uv	mg/L	0.000006	10.4	5282.80	-0.000055 mg/L	Y 371.029
Sr 421.552	-0.000045uv	mg/L	0.000012	26.8	3202.09	-0.000045 mg/L	Y 371.029
Ti 334.941	0.000856	mg/L	0.000310	36.2	258.484	0.000856 mg/L	Y 371.029
Ti 336.122	0.001023	mg/L	0.000352	34.4	120.477	0.001023 mg/L	Y 371.029
Ti 337.280	0.001296	mg/L	0.000227	17.5	24.0311	0.001296 mg/L	Y 371.029
Tl 190.794	0.002379	mg/L	0.001956	82.2	3.25508	0.002379 mg/L	Y 371.029
Tl 190.807	0.005654	mg/L	0.002421	42.8	0.869550	0.005654 mg/L	Y 371.029
Tl 351.923	-0.010751uv	mg/L	0.005396	50.2	8.74164	-0.010751 mg/L	Y 371.029
V 268.796	0.000790	mg/L	0.000758	95.9	51.7195	0.000790 mg/L	Y 371.029
V 292.401	-0.000340uv	mg/L	0.000373	109.7	34.6668	-0.000340 mg/L	Y 371.029
V 311.837	0.000646	mg/L	0.000177	27.4	15.6781	0.000646 mg/L	Y 371.029
Zn 202.548	0.001644	mg/L	0.000338	20.6	627.935	0.001644 mg/L	Y 371.029
Zn 206.200	0.002216	mg/L	0.000605	27.3	204.815	0.002216 mg/L	Y 371.029
Zn 213.857	-0.000357uv	mg/L	0.000048	13.4	1151.09	-0.000357 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01164	8112.11	54.895	0.7
Y 371.029	0.857916	141476	765.059	0.5

SEQ-CCV5 (Samp) **4/28/2011, 9:52:49 AM** **Rack 1, Tube 45**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.099636	mg/L	0.000332	0.3	5263.36	0.099636 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002047	2.1	273.654	uncal mg/L	Y 371.029
Al 237.312	2.33640	mg/L	0.011692	0.5	2921.22	2.33640 mg/L	Y 371.029
Al 257.509	2.36392	mg/L	0.008289	0.4	1364.29	2.36392 mg/L	Y 371.029
Al 308.215	2.47441	mg/L	0.002132	0.1	15960.2	2.47441 mg/L	Y 371.029
As 188.980	0.479881	mg/L	0.003237	0.7	166.446	0.479881 mg/L	Y 371.029
As 193.696	0.484114	mg/L	0.003280	0.7	200.414	0.484114 mg/L	Y 371.029
As 228.812	0.827503	mg/L	0.011352	1.4	1120.27	0.827503 mg/L	Y 371.029
B 182.577	0.462111	mg/L	0.005678	1.2	197.222	0.462111 mg/L	Y 371.029
B 249.678	0.499288	mg/L	0.010796	2.2	4268.23	0.499288 mg/L	Y 371.029
B 249.772	0.472277	mg/L	0.008103	1.7	7758.94	0.472277 mg/L	Y 371.029
Ba 233.527	0.496844	mg/L	0.001955	0.4	19231.3	0.496844 mg/L	Y 371.029
Ba 455.403	0.492853	mg/L	0.000695	0.1	435022	0.492853 mg/L	Y 371.029
Ba 493.408	0.503219	mg/L	0.001182	0.2	272082	0.503219 mg/L	Y 371.029
Be 234.861	0.489858	mg/L	0.001949	0.4	56895.2	0.489858 mg/L	Y 371.029
Be 313.042	0.479961	mg/L	0.002691	0.6	810730	0.479961 mg/L	Y 371.029
Be 313.107	0.489536	mg/L	0.002748	0.6	407346	0.489536 mg/L	Y 371.029
Ca 393.366	4.71669n	mg/L	0.007577	0.2	5553979	4.71669 mg/L	Y 371.029
Ca 396.847	4.57279	mg/L	0.008844	0.2	9081931	4.57279 mg/L	Y 371.029
Ca 430.253	4.78834	mg/L	0.015475	0.3	21570.3	4.78834 mg/L	Y 371.029
Cd 214.439	0.236063	mg/L	0.001996	0.8	4365.88	0.236063 mg/L	Y 371.029
Cd 226.502	0.244189	mg/L	0.000577	0.2	8886.21	0.244189 mg/L	Y 371.029
Cd 228.802	0.245079	mg/L	0.000715	0.3	3377.17	0.245079 mg/L	Y 371.029
Co 228.615	0.488039	mg/L	0.002285	0.5	4174.07	0.488039 mg/L	Y 371.029
Co 230.786	0.484787	mg/L	0.001406	0.3	2920.84	0.484787 mg/L	Y 371.029
Co 238.892	0.489386	mg/L	0.001863	0.4	2761.31	0.489386 mg/L	Y 371.029
Cr 205.560	0.473289	mg/L	0.002532	0.5	1924.49	0.473289 mg/L	Y 371.029
Cr 206.158	0.478212	mg/L	0.002974	0.6	782.038	0.478212 mg/L	Y 371.029
Cr 267.716	0.480822	mg/L	0.000721	0.1	10409.1	0.480822 mg/L	Y 371.029
Cu 213.598	0.477372	mg/L	0.003059	0.6	1867.80	0.477372 mg/L	Y 371.029
Cu 324.754	0.474103	mg/L	0.001148	0.2	15422.7	0.474103 mg/L	Y 371.029
Cu 327.395	0.467775	mg/L	0.000243	0.1	19951.2	0.467775 mg/L	Y 371.029
Fe 234.350	0.505574	mg/L	0.001863	0.4	4609.77	0.505574 mg/L	Y 371.029
Fe 238.204	0.493546	mg/L	0.004603	0.9	9105.79	0.493546 mg/L	Y 371.029
Fe 259.940	0.501690	mg/L	0.002667	0.5	7618.73	0.501690 mg/L	Y 371.029
Ga 287.423	0.482845	mg/L	0.003475	0.7	1099.48	0.482845 mg/L	Y 371.029
Ga 294.363	0.486292	mg/L	0.001424	0.3	2908.52	0.486292 mg/L	Y 371.029
Ga 417.204	0.488724	mg/L	0.001195	0.2	4486.01	0.488724 mg/L	Y 371.029
K 766.491	5.05835	mg/L	0.010627	0.2	348882	5.05835 mg/L	Y 371.029
K 769.897	4.87161	mg/L	0.014477	0.3	288550	4.87161 mg/L	Y 371.029
Li 610.365	0.985036	mg/L	0.002595	0.3	48715.8	0.985036 mg/L	Y 371.029
Li 670.783	1.04982	mg/L	0.003949	0.4	3681591	1.04982 mg/L	Y 371.029
Mg 279.078	4.95092	mg/L	0.011476	0.2	7978.20	4.95092 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	4.99456	mg/L	0.020911	0.4	493672	4.99456 mg/L	Y 371.029
Mg 285.213	5.07267	mg/L	0.044873	0.9	179693	5.07267 mg/L	Y 371.029
Mn 257.610	0.484401	mg/L	0.007105	1.5	70760.5	0.484401 mg/L	Y 371.029
Mn 259.372	0.489632	mg/L	0.006609	1.3	53461.3	0.489632 mg/L	Y 371.029
Mn 260.568	0.489860	mg/L	0.003256	0.7	9063.96	0.489860 mg/L	Y 371.029
Mo 202.032	0.993969	mg/L	0.017727	1.8	3404.41	0.993969 mg/L	Y 371.029
Mo 203.846	0.977377	mg/L	0.017916	1.8	1455.13	0.977377 mg/L	Y 371.029
Mo 204.598	0.994294	mg/L	0.015061	1.5	1690.66	0.994294 mg/L	Y 371.029
Na 568.821	4.93358	mg/L	0.012940	0.3	1395.19	4.93358 mg/L	Y 371.029
Na 588.995	5.27052	mg/L	0.029530	0.6	3284249	5.27052 mg/L	Y 371.029
Na 589.592	4.93421	mg/L	0.028639	0.6	1584429	4.93421 mg/L	Y 371.029
Ni 216.555	0.955806	mg/L	0.002391	0.3	4828.48	0.955806 mg/L	Y 371.029
Ni 221.648	0.957422	mg/L	0.003473	0.4	1920.28	0.957422 mg/L	Y 371.029
Ni 231.604	0.974402	mg/L	0.004109	0.4	3271.23	0.974402 mg/L	Y 371.029
P 177.434	0.490408	mg/L	0.004557	0.9	75.6916	0.490408 mg/L	Y 371.029
P 213.618	0.474153	mg/L	0.003826	0.8	322.933	0.474153 mg/L	Y 371.029
P 214.914	0.508087	mg/L	0.026096	5.1	94.1609	0.508087 mg/L	Y 371.029
Pb 220.353	0.942714	mg/L	0.001607	0.2	1029.04	0.942714 mg/L	Y 371.029
Pb 261.417	0.945512	mg/L	0.011958	1.3	484.578	0.945512 mg/L	Y 371.029
Pb 405.781	0.936673	mg/L	0.006827	0.7	1242.14	0.936673 mg/L	Y 371.029
Sb 206.834	0.825928	mg/L	0.014339	1.7	470.683	0.825928 mg/L	Y 371.029
Sb 231.146	0.857909	mg/L	0.011137	1.3	361.142	0.857909 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.022359	2.4	293.122	uncal mg/L	Y 371.029
Se 196.026	0.955337	mg/L	0.028627	3.0	282.546	0.955337 mg/L	Y 371.029
Se 203.985	0.957981	mg/L	0.028053	2.9	167.109	0.957981 mg/L	Y 371.029
Si 250.690	1.01216	mg/L	0.003804	0.4	1324.45	1.01216 mg/L	Y 371.029
Si 251.611	0.993284	mg/L	0.004924	0.5	1475.00	0.993284 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.007827	0.8	8092.79	uncal mg/L	Y 371.029
Sn 189.927	1.03816	mg/L	0.005415	0.5	310.897	1.03816 mg/L	Y 371.029
Sn 283.998	0.954652	mg/L	0.006666	0.7	1814.88	0.954652 mg/L	Y 371.029
Sr 216.596	0.459942	mg/L	0.002248	0.5	3608.85	0.459942 mg/L	Y 371.029
Sr 407.771	0.471300	mg/L	0.002008	0.4	1189943	0.471300 mg/L	Y 371.029
Sr 421.552	0.484028	mg/L	0.001945	0.4	793557	0.484028 mg/L	Y 371.029
Ti 334.941	0.496289	mg/L	0.002779	0.6	106195	0.496289 mg/L	Y 371.029
Ti 336.122	0.511555	mg/L	0.002026	0.4	46048.9	0.511555 mg/L	Y 371.029
Ti 337.280	0.504431	mg/L	0.003111	0.6	15411.6	0.504431 mg/L	Y 371.029
Tl 190.794	0.493480	mg/L	0.004959	1.0	173.370	0.493480 mg/L	Y 371.029
Tl 190.807	0.495588	mg/L	0.010705	2.2	86.9793	0.495588 mg/L	Y 371.029
Tl 351.923	0.522415	mg/L	0.002937	0.6	856.820	0.522415 mg/L	Y 371.029
V 268.796	0.488750	mg/L	0.003176	0.6	5153.72	0.488750 mg/L	Y 371.029
V 292.401	0.473237	mg/L	0.002045	0.4	14168.4	0.473237 mg/L	Y 371.029
V 311.837	0.480489	mg/L	0.000732	0.2	19596.0	0.480489 mg/L	Y 371.029
Zn 202.548	0.467765	mg/L	0.003985	0.9	4737.78	0.467765 mg/L	Y 371.029
Zn 206.200	0.464164	mg/L	0.004196	0.9	1545.00	0.464164 mg/L	Y 371.029
Zn 213.857	0.458129	mg/L	0.003971	0.9	8878.65	0.458129 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.946981	7593.63	26.429	0.3
Y 371.029	0.848825	139977	656.027	0.5

110427A. All Data Report 4/28/2011, 16:51:27

SEQ-CCB5 (Samp) **4/28/2011, 9:57:02 AM** **Rack 1, Tube 46**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000164uv	mg/L	0.000591	361.6	466.878	-0.000164 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000720	369.9	-3.60206	uncal mg/L	Y 371.029
Al 237.312	0.012330	mg/L	0.007825	63.5	63.4013	0.012330 mg/L	Y 371.029
Al 257.509	0.016176	mg/L	0.008900	55.0	27.9435	0.016176 mg/L	Y 371.029
Al 308.215	0.028796	mg/L	0.001391	4.8	1424.28	0.028796 mg/L	Y 371.029
As 188.980	0.000756uv	mg/L	0.000962	127.3	5.23882	0.000756 mg/L	Y 371.029
As 193.696	0.006087	mg/L	0.002825	46.4	4.12066	0.006087 mg/L	Y 371.029
As 228.812	0.006751	mg/L	0.003573	52.9	17.0109	0.006751 mg/L	Y 371.029
B 182.577	0.005326	mg/L	0.002065	38.8	6.28612	0.005326 mg/L	Y 371.029
B 249.678	0.006948	mg/L	0.001790	25.8	100.542	0.006948 mg/L	Y 371.029
B 249.772	0.007467	mg/L	0.001956	26.2	186.773	0.007467 mg/L	Y 371.029
Ba 233.527	0.000303	mg/L	0.000124	40.9	186.361	0.000303 mg/L	Y 371.029
Ba 455.403	0.000083	mg/L	0.000038	45.9	4082.30	0.000083 mg/L	Y 371.029
Ba 493.408	0.000249	mg/L	0.000026	10.3	2608.45	0.000249 mg/L	Y 371.029
Be 234.861	0.000041	mg/L	0.000021	50.1	1.05969	0.000041 mg/L	Y 371.029
Be 313.042	0.000067	mg/L	0.000012	17.8	441.041	0.000067 mg/L	Y 371.029
Be 313.107	0.000017	mg/L	0.000009	52.5	89.9430	0.000017 mg/L	Y 371.029
Ca 393.366	-0.002915nuv	mg/L	0.000037	1.3	15028.3	-0.002915 mg/L	Y 371.029
Ca 396.847	-0.002172uv	mg/L	0.000027	1.2	24851.7	-0.002172 mg/L	Y 371.029
Ca 430.253	-0.007854uv	mg/L	0.006286	80.0	1166.01	-0.007854 mg/L	Y 371.029
Cd 214.439	0.000260	mg/L	0.000044	16.8	5.14819	0.000260 mg/L	Y 371.029
Cd 226.502	-0.000029uv	mg/L	0.000069	238.5	21.3111	-0.000029 mg/L	Y 371.029
Cd 228.802	-0.000036uv	mg/L	0.000275	770.7	16.7657	-0.000036 mg/L	Y 371.029
Co 228.615	0.001601	mg/L	0.000748	46.7	11.3348	0.001601 mg/L	Y 371.029
Co 230.786	0.000382	mg/L	0.000411	107.6	8.29861	0.000382 mg/L	Y 371.029
Co 238.892	0.000413	mg/L	0.000222	53.7	6.37401	0.000413 mg/L	Y 371.029
Cr 205.560	-0.000374uv	mg/L	0.000397	106.2	3.73392	-0.000374 mg/L	Y 371.029
Cr 206.158	0.000691	mg/L	0.000624	90.3	2.63910	0.000691 mg/L	Y 371.029
Cr 267.716	-0.000134uv	mg/L	0.000197	147.7	23.4578	-0.000134 mg/L	Y 371.029
Cu 213.598	0.000350	mg/L	0.000161	45.9	2.98454	0.000350 mg/L	Y 371.029
Cu 324.754	0.000126uv	mg/L	0.000176	139.1	349.646	0.000126 mg/L	Y 371.029
Cu 327.395	0.000285uv	mg/L	0.000452	158.5	30.5565	0.000285 mg/L	Y 371.029
Fe 234.350	-0.000062uv	mg/L	0.000842	1349.3	13.4923	-0.000062 mg/L	Y 371.029
Fe 238.204	0.000130	mg/L	0.000208	160.7	44.2751	0.000130 mg/L	Y 371.029
Fe 259.940	0.000122uv	mg/L	0.000261	213.9	57.1074	0.000122 mg/L	Y 371.029
Ga 287.423	0.000259uv	mg/L	0.005032	1943.0	17.6534	0.000259 mg/L	Y 371.029
Ga 294.363	0.004813	mg/L	0.001139	23.7	32.9529	0.004813 mg/L	Y 371.029
Ga 417.204	-0.002014uv	mg/L	0.000816	40.5	94.0822	-0.002014 mg/L	Y 371.029
K 766.491	-0.001540uv	mg/L	0.000357	23.2	1921.78	-0.001540 mg/L	Y 371.029
K 769.897	-0.003605uv	mg/L	0.001149	31.9	12232.7	-0.003605 mg/L	Y 371.029
Li 610.365	0.011354	mg/L	0.000234	2.1	-2.43477	0.011354 mg/L	Y 371.029
Li 670.783	-0.002837uv	mg/L	0.000025	0.9	57265.8	-0.002837 mg/L	Y 371.029
Mg 279.078	-0.001143uv	mg/L	0.001120	98.0	11.8375	-0.001143 mg/L	Y 371.029
Mg 280.270	-0.000109uv	mg/L	0.000057	51.9	289.858	-0.000109 mg/L	Y 371.029
Mg 285.213	0.000677	mg/L	0.000077	11.4	84.7542	0.000677 mg/L	Y 371.029
Mn 257.610	-0.000048uv	mg/L	0.000040	83.0	9.20325	-0.000048 mg/L	Y 371.029
Mn 259.372	-0.000044	mg/L	0.000031	70.0	55.9253	-0.000044 mg/L	Y 371.029
Mn 260.568	-0.000094uv	mg/L	0.000037	39.1	5.68992	-0.000094 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.020654	mg/L	0.001998	9.7	91.1034	0.020654 mg/L	Y 371.029
Mo 203.846	0.021887	mg/L	0.002305	10.5	34.3504	0.021887 mg/L	Y 371.029
Mo 204.598	0.021327	mg/L	0.002125	10.0	38.6364	0.021327 mg/L	Y 371.029
Na 568.821	0.525620	mg/L	0.060638	11.5	235.247	0.525620 mg/L	Y 371.029
Na 588.995	-0.260190uv	mg/L	0.001058	0.4	178474	-0.260190 mg/L	Y 371.029
Na 589.592	-0.102088uv	mg/L	0.000157	0.2	64119.4	-0.102088 mg/L	Y 371.029
Ni 216.555	0.001098	mg/L	0.000159	14.5	5.91314	0.001098 mg/L	Y 371.029
Ni 221.648	0.001346	mg/L	0.000754	56.0	4.88081	0.001346 mg/L	Y 371.029
Ni 231.604	0.001270	mg/L	0.000483	38.0	9.78431	0.001270 mg/L	Y 371.029
P 177.434	0.002879	mg/L	0.003432	119.2	3.18821	0.002879 mg/L	Y 371.029
P 213.618	0.001895uv	mg/L	0.002223	117.3	3.93842	0.001895 mg/L	Y 371.029
P 214.914	0.007174	mg/L	0.003717	51.8	4.00943	0.007174 mg/L	Y 371.029
Pb 220.353	0.001939	mg/L	0.001078	55.6	6.69463	0.001939 mg/L	Y 371.029
Pb 261.417	0.000356uv	mg/L	0.003907	1097.4	15.6175	0.000356 mg/L	Y 371.029
Pb 405.781	-0.005937uv	mg/L	0.003356	56.5	50.0788	-0.005937 mg/L	Y 371.029
Sb 206.834	0.040124	mg/L	0.001816	4.5	31.8998	0.040124 mg/L	Y 371.029
Sb 231.146	0.043950	mg/L	0.007033	16.0	25.1735	0.043950 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.020508	142.6	21.6152	uncal mg/L	Y 371.029
Se 196.026	0.016606	mg/L	0.001135	6.8	8.26648	0.016606 mg/L	Y 371.029
Se 203.985	0.008985	mg/L	0.002973	33.1	5.73367	0.008985 mg/L	Y 371.029
Si 250.690	0.010243	mg/L	0.003326	32.5	59.6313	0.010243 mg/L	Y 371.029
Si 251.611	0.008114	mg/L	0.001809	22.3	49.8457	0.008114 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002290	121.9	778.017	uncal mg/L	Y 371.029
Sn 189.927	-0.000880uv	mg/L	0.001904	216.4	2.87899	-0.000880 mg/L	Y 371.029
Sn 283.998	0.000642uv	mg/L	0.001080	168.2	14.7938	0.000642 mg/L	Y 371.029
Sr 216.596	0.000340	mg/L	0.000292	85.9	15.8730	0.000340 mg/L	Y 371.029
Sr 407.771	-0.000091uv	mg/L	0.000006	7.0	5191.10	-0.000091 mg/L	Y 371.029
Sr 421.552	-0.000045uv	mg/L	0.000013	28.2	3202.01	-0.000045 mg/L	Y 371.029
Ti 334.941	0.000991	mg/L	0.000347	35.0	287.293	0.000991 mg/L	Y 371.029
Ti 336.122	0.000983	mg/L	0.000213	21.7	116.945	0.000983 mg/L	Y 371.029
Ti 337.280	0.001226	mg/L	0.000428	34.9	21.8855	0.001226 mg/L	Y 371.029
Tl 190.794	0.001876uv	mg/L	0.004352	232.0	3.08161	0.001876 mg/L	Y 371.029
Tl 190.807	0.009352	mg/L	0.005468	58.5	1.50564	0.009352 mg/L	Y 371.029
Tl 351.923	-0.006407uv	mg/L	0.007965	124.3	15.6445	-0.006407 mg/L	Y 371.029
V 268.796	0.000709	mg/L	0.000760	107.3	48.3163	0.000709 mg/L	Y 371.029
V 292.401	-0.000427uv	mg/L	0.000231	54.1	32.0726	-0.000427 mg/L	Y 371.029
V 311.837	0.000489	mg/L	0.000090	18.4	9.28734	0.000489 mg/L	Y 371.029
Zn 202.548	-0.002798uv	mg/L	0.000232	8.3	589.337	-0.002798 mg/L	Y 371.029
Zn 206.200	-0.001077uv	mg/L	0.000161	14.9	195.290	-0.001077 mg/L	Y 371.029
Zn 213.857	-0.003226uv	mg/L	0.000196	6.1	1103.66	-0.003226 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.933440	7485.05	26.041	0.3
Y 371.029	0.835874	137842	586.010	0.4

1118047-BLK1 (Samp)	**4/28/2011, 10:00:01 AM**	**Rack 1, Tube 47**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 1**

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000428	mg/L	0.000276	64.6	495.568	0.000428 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000149	66.9	-4.86799	uncal mg/L	Y 371.029
Al 237.312	0.015516	mg/L	0.004012	25.9	67.3249	0.015516 mg/L	Y 371.029
Al 257.509	0.009893uv	mg/L	0.013015	131.6	24.3893	0.009893 mg/L	Y 371.029
Al 308.215	0.034528	mg/L	0.001303	3.8	1457.56	0.034528 mg/L	Y 371.029
As 188.980	0.005057	mg/L	0.002026	40.1	6.68603	0.005057 mg/L	Y 371.029
As 193.696	0.003326uv	mg/L	0.004224	127.0	2.98325	0.003326 mg/L	Y 371.029
As 228.812	0.002618	mg/L	0.003005	114.8	13.5988	0.002618 mg/L	Y 371.029
B 182.577	0.006191	mg/L	0.002583	41.7	6.64891	0.006191 mg/L	Y 371.029
B 249.678	0.003520	mg/L	0.000853	24.2	71.6858	0.003520 mg/L	Y 371.029
B 249.772	0.003727	mg/L	0.000505	13.6	126.246	0.003727 mg/L	Y 371.029
Ba 233.527	0.000304	mg/L	0.000063	20.9	186.453	0.000304 mg/L	Y 371.029
Ba 455.403	0.000091	mg/L	0.000014	15.3	4089.61	0.000091 mg/L	Y 371.029
Ba 493.408	0.000279	mg/L	0.000042	14.9	2624.85	0.000279 mg/L	Y 371.029
Be 234.861	0.000062	mg/L	0.000011	18.1	3.38563	0.000062 mg/L	Y 371.029
Be 313.042	0.000155	mg/L	0.000003	2.0	589.890	0.000155 mg/L	Y 371.029
Be 313.107	0.000035	mg/L	0.000012	34.8	104.277	0.000035 mg/L	Y 371.029
Ca 393.366	0.030482n	mg/L	0.000035	0.1	54222.9	0.030482 mg/L	Y 371.029
Ca 396.847	0.029916	mg/L	0.000359	1.2	88365.8	0.029916 mg/L	Y 371.029
Ca 430.253	0.033757	mg/L	0.003237	9.6	1343.46	0.033757 mg/L	Y 371.029
Cd 214.439	0.000346	mg/L	0.000076	22.1	6.74829	0.000346 mg/L	Y 371.029
Cd 226.502	-0.000001uv	mg/L	0.000118	11798.0	22.3922	-0.000001 mg/L	Y 371.029
Cd 228.802	0.000096uv	mg/L	0.000144	151.0	18.5642	0.000096 mg/L	Y 371.029
Co 228.615	0.001275	mg/L	0.000096	7.5	8.60884	0.001275 mg/L	Y 371.029
Co 230.786	0.000157uv	mg/L	0.000721	458.7	6.98436	0.000157 mg/L	Y 371.029
Co 238.892	-0.000138uv	mg/L	0.000156	113.1	3.16809	-0.000138 mg/L	Y 371.029
Cr 205.560	0.004182	mg/L	0.000340	8.1	22.1873	0.004182 mg/L	Y 371.029
Cr 206.158	0.005893	mg/L	0.001456	24.7	11.1267	0.005893 mg/L	Y 371.029
Cr 267.716	0.004720	mg/L	0.000251	5.3	128.165	0.004720 mg/L	Y 371.029
Cu 213.598	0.002038	mg/L	0.000575	28.2	9.54112	0.002038 mg/L	Y 371.029
Cu 324.754	0.001225	mg/L	0.000177	14.4	384.417	0.001225 mg/L	Y 371.029
Cu 327.395	0.001579	mg/L	0.000362	22.9	85.9220	0.001579 mg/L	Y 371.029
Fe 234.350	0.018770	mg/L	0.000404	2.2	176.230	0.018770 mg/L	Y 371.029
Fe 238.204	0.017761	mg/L	0.000260	1.5	358.476	0.017761 mg/L	Y 371.029
Fe 259.940	0.018364	mg/L	0.000399	2.2	325.193	0.018364 mg/L	Y 371.029
Ga 287.423	0.001509	mg/L	0.000798	52.8	20.7296	0.001509 mg/L	Y 371.029
Ga 294.363	0.003801	mg/L	0.000597	15.7	27.0051	0.003801 mg/L	Y 371.029
Ga 417.204	-0.002478uv	mg/L	0.001998	80.6	90.5586	-0.002478 mg/L	Y 371.029
K 766.491	0.025005	mg/L	0.000292	1.2	3742.63	0.025005 mg/L	Y 371.029
K 769.897	0.025303	mg/L	0.002292	9.1	13873.3	0.025303 mg/L	Y 371.029
Li 610.365	0.011357	mg/L	0.000073	0.6	-2.29637	0.011357 mg/L	Y 371.029
Li 670.783	-0.002715uv	mg/L	0.000145	5.3	57699.0	-0.002715 mg/L	Y 371.029
Mg 279.078	0.009805	mg/L	0.000905	9.2	29.4564	0.009805 mg/L	Y 371.029
Mg 280.270	0.009057	mg/L	0.000030	0.3	1195.81	0.009057 mg/L	Y 371.029
Mg 285.213	0.009133	mg/L	0.000108	1.2	384.376	0.009133 mg/L	Y 371.029
Mn 257.610	0.000482	mg/L	0.000008	1.7	86.9557	0.000482 mg/L	Y 371.029
Mn 259.372	0.000445	mg/L	0.000009	2.1	108.781	0.000445 mg/L	Y 371.029
Mn 260.568	0.000463	mg/L	0.000258	55.7	16.0733	0.000463 mg/L	Y 371.029
Mo 202.032	0.013062	mg/L	0.001873	14.3	65.8608	0.013062 mg/L	Y 371.029
Mo 203.846	0.015779	mg/L	0.001986	12.6	25.5343	0.015779 mg/L	Y 371.029
Mo 204.598	0.014155	mg/L	0.001280	9.0	26.7747	0.014155 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	0.792392	mg/L	0.020043	2.5	304.452	0.792392 mg/L	Y 371.029
Na 588.995	-0.245694uv	mg/L	0.001113	0.5	186613	-0.245694 mg/L	Y 371.029
Na 589.592	-0.089087uv	mg/L	0.000120	0.1	68045.7	-0.089087 mg/L	Y 371.029
Ni 216.555	0.002465	mg/L	0.000364	14.8	12.9015	0.002465 mg/L	Y 371.029
Ni 221.648	0.001337	mg/L	0.000788	59.0	4.89724	0.001337 mg/L	Y 371.029
Ni 231.604	0.000910uv	mg/L	0.000895	98.4	8.63087	0.000910 mg/L	Y 371.029
P 177.434	0.025018	mg/L	0.005632	22.5	6.46937	0.025018 mg/L	Y 371.029
P 213.618	0.023378	mg/L	0.004340	18.6	17.9842	0.023378 mg/L	Y 371.029
P 214.914	0.028869	mg/L	0.003908	13.5	7.69771	0.028869 mg/L	Y 371.029
Pb 220.353	0.003349	mg/L	0.002081	62.1	8.23085	0.003349 mg/L	Y 371.029
Pb 261.417	0.013541	mg/L	0.004922	36.3	22.1905	0.013541 mg/L	Y 371.029
Pb 405.781	-0.005690uv	mg/L	0.007441	130.8	50.4205	-0.005690 mg/L	Y 371.029
Sb 206.834	0.054987	mg/L	0.025283	46.0	40.1743	0.054987 mg/L	Y 371.029
Sb 231.146	0.039587	mg/L	0.026804	67.7	23.3809	0.039587 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.059010	105.8	33.8227	uncal mg/L	Y 371.029
Se 196.026	0.019828	mg/L	0.001673	8.4	9.20589	0.019828 mg/L	Y 371.029
Se 203.985	0.003827	mg/L	0.001391	36.3	4.98889	0.003827 mg/L	Y 371.029
Si 250.690	0.031868	mg/L	0.003440	10.8	86.8087	0.031868 mg/L	Y 371.029
Si 251.611	0.035714	mg/L	0.000767	2.1	89.0653	0.035714 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001969	6.6	985.137	uncal mg/L	Y 371.029
Sn 189.927	0.030049	mg/L	0.003272	10.9	12.0479	0.030049 mg/L	Y 371.029
Sn 283.998	0.028252	mg/L	0.004518	16.0	58.1262	0.028252 mg/L	Y 371.029
Sr 216.596	0.001003	mg/L	0.000355	35.4	21.0987	0.001003 mg/L	Y 371.029
Sr 407.771	0.000031	mg/L	0.000003	10.0	5501.29	0.000031 mg/L	Y 371.029
Sr 421.552	0.000072	mg/L	0.000010	13.8	3394.17	0.000072 mg/L	Y 371.029
Ti 334.941	0.001805	mg/L	0.000930	51.5	461.742	0.001805 mg/L	Y 371.029
Ti 336.122	0.001703	mg/L	0.000077	4.5	181.846	0.001703 mg/L	Y 371.029
Ti 337.280	0.001795	mg/L	0.000299	16.6	39.3518	0.001795 mg/L	Y 371.029
Tl 190.794	-0.002854uv	mg/L	0.001384	48.5	1.45152	-0.002854 mg/L	Y 371.029
Tl 190.807	0.011497	mg/L	0.004917	42.8	1.86723	0.011497 mg/L	Y 371.029
Tl 351.923	-0.012345uv	mg/L	0.002082	16.9	6.19058	-0.012345 mg/L	Y 371.029
V 268.796	0.001016	mg/L	0.000065	6.4	44.6931	0.001016 mg/L	Y 371.029
V 292.401	-0.000101uv	mg/L	0.000360	355.0	41.9338	-0.000101 mg/L	Y 371.029
V 311.837	0.000604	mg/L	0.000176	29.2	14.3272	0.000604 mg/L	Y 371.029
Zn 202.548	0.002595	mg/L	0.000437	16.8	636.551	0.002595 mg/L	Y 371.029
Zn 206.200	0.003923	mg/L	0.001001	25.5	209.787	0.003923 mg/L	Y 371.029
Zn 213.857	0.001883	mg/L	0.000433	23.0	1188.70	0.001883 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.905282	7259.26	27.222	0.4
Y 371.029	0.814748	134358	267.546	0.2

1118047-BS1 (Samp) **4/28/2011, 10:03:27 AM** **Rack 1, Tube 48**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.242385	mg/L	0.000320	0.1	12140.2	1.21192 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001575	0.7	676.410	uncal mg/L	Y 371.029
Al 237.312	46.7058	mg/L	0.097455	0.2	57394.1	233.529 mg/L	Y 371.029
Al 257.509	47.9539	mg/L	0.070426	0.1	27333.7	239.770 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	48.7315	mg/L	0.098381	0.2	289908	243.657 mg/L	Y 371.029
As 188.980	0.551171	mg/L	0.007021	1.3	191.040	2.75586 mg/L	Y 371.029
As 193.696	0.534622	mg/L	0.003452	0.6	222.664	2.67311 mg/L	Y 371.029
As 228.812	0.996461	mg/L	0.007810	0.8	1401.64	4.98231 mg/L	Y 371.029
B 182.577	0.468273	mg/L	0.010591	2.3	201.219	2.34136 mg/L	Y 371.029
B 249.678	0.501508	mg/L	0.009411	1.9	4333.50	2.50754 mg/L	Y 371.029
B 249.772	0.461864	mg/L	0.010286	2.2	8516.52	2.30932 mg/L	Y 371.029
Ba 233.527	1.23309	mg/L	0.002349	0.2	47517.3	6.16546 mg/L	Y 371.029
Ba 455.403	1.18696	mg/L	0.000524	0.0	1042647	5.93479 mg/L	Y 371.029
Ba 493.408	1.21645	mg/L	0.003919	0.3	654792	6.08225 mg/L	Y 371.029
Be 234.861	0.541055	mg/L	0.001225	0.2	62490.0	2.70527 mg/L	Y 371.029
Be 313.042	0.552300	mg/L	0.002422	0.4	932872	2.76150 mg/L	Y 371.029
Be 313.107	0.562487	mg/L	0.001780	0.3	468038	2.81244 mg/L	Y 371.029
Ca 393.366	18.9738n	mg/L	0.015579	0.1	22283518	94.8691 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.097456	0.5	41514596	- mg/L	Y 371.029
Ca 430.253	24.1888	mg/L	0.071981	0.3	104165	120.944 mg/L	Y 371.029
Cd 214.439	0.319944	mg/L	0.001091	0.3	5925.36	1.59972 mg/L	Y 371.029
Cd 226.502	0.330094	mg/L	0.000975	0.3	12157.1	1.65047 mg/L	Y 371.029
Cd 228.802	0.332433	mg/L	0.001158	0.3	4569.41	1.66217 mg/L	Y 371.029
Co 228.615	0.326331	mg/L	0.001837	0.6	3042.70	1.63166 mg/L	Y 371.029
Co 230.786	0.324735	mg/L	0.001230	0.4	2147.79	1.62367 mg/L	Y 371.029
Co 238.892	0.243308	mg/L	0.005714	2.3	966.687	1.21654 mg/L	Y 371.029
Cr 205.560	0.649335	mg/L	0.005091	0.8	2735.92	3.24667 mg/L	Y 371.029
Cr 206.158	0.651531	mg/L	0.006092	0.9	1105.44	3.25765 mg/L	Y 371.029
Cr 267.716	0.666059	mg/L	0.003426	0.5	14925.8	3.33029 mg/L	Y 371.029
Cu 213.598	0.720233	mg/L	0.003021	0.4	2945.58	3.60116 mg/L	Y 371.029
Cu 324.754	0.723841	mg/L	0.000442	0.1	23682.8	3.61921 mg/L	Y 371.029
Cu 327.395	0.703514	mg/L	0.003458	0.5	30699.6	3.51757 mg/L	Y 371.029
Fe 234.350	65.8645	mg/L	0.216349	0.3	568843	329.323 mg/L	Y 371.029
Fe 238.204	62.0132	mg/L	0.163079	0.3	1103858	310.066 mg/L	Y 371.029
Fe 259.940	63.1061	mg/L	0.138325	0.2	926695	315.530 mg/L	Y 371.029
Ga 287.423	-0.092925	mg/L	0.002529	2.7	984.251	-0.464625 mg/L	Y 371.029
Ga 294.363	0.007941	mg/L	0.001091	13.7	124.897	0.039703 mg/L	Y 371.029
Ga 417.204	0.005306	mg/L	0.001653	31.2	1258.26	0.026528 mg/L	Y 371.029
K 766.491	12.9670	mg/L	0.067374	0.5	891346	64.8350 mg/L	Y 371.029
K 769.897	12.8919	mg/L	0.068623	0.5	743211	64.4595 mg/L	Y 371.029
Li 610.365	0.025283	mg/L	0.000409	1.6	694.481	0.126413 mg/L	Y 371.029
Li 670.783	0.037434	mg/L	0.000257	0.7	202224	0.187170 mg/L	Y 371.029
Mg 279.078	13.4124	mg/L	0.035860	0.3	21620.9	67.0618 mg/L	Y 371.029
Mg 280.270	12.9411	mg/L	0.014985	0.1	1278781	64.7054 mg/L	Y 371.029
Mg 285.213	14.0357	mg/L	0.177519	1.3	497103	70.1787 mg/L	Y 371.029
Mn 257.610	1.16350	mg/L	0.005499	0.5	184784	5.81751 mg/L	Y 371.029
Mn 259.372	1.23332	mg/L	0.005949	0.5	146397	6.16661 mg/L	Y 371.029
Mn 260.568	1.27507	mg/L	0.001660	0.1	23974.6	6.37537 mg/L	Y 371.029
Mo 202.032	0.636657	mg/L	0.009741	1.5	2232.81	3.18328 mg/L	Y 371.029
Mo 203.846	0.623048	mg/L	0.008663	1.4	955.240	3.11524 mg/L	Y 371.029
Mo 204.598	0.636610	mg/L	0.010559	1.7	1112.69	3.18305 mg/L	Y 371.029
Na 568.821	2.28217	mg/L	0.088710	3.9	740.740	11.4109 mg/L	Y 371.029
Na 588.995	2.07609	mg/L	0.011144	0.5	1502049	10.3805 mg/L	Y 371.029
Na 589.592	1.97800	mg/L	0.010338	0.5	700443	9.89002 mg/L	Y 371.029
Ni 216.555	0.572383	mg/L	0.004802	0.8	3193.67	2.86192 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.562646	mg/L	0.001212	0.2	1244.14	2.81323 mg/L	Y 371.029
Ni 231.604	0.581254	mg/L	0.002318	0.4	2141.63	2.90627 mg/L	Y 371.029
P 177.434	2.11968	mg/L	0.015119	0.7	318.842	10.5984 mg/L	Y 371.029
P 213.618	2.09075	mg/L	0.012918	0.6	1390.20	10.4538 mg/L	Y 371.029
P 214.914	2.09520	mg/L	0.008427	0.4	373.013	10.4760 mg/L	Y 371.029
Pb 220.353	0.462218	mg/L	0.003831	0.8	507.122	2.31109 mg/L	Y 371.029
Pb 261.417	0.136664	mg/L	0.007088	5.2	77.0627	0.683320 mg/L	Y 371.029
Pb 405.781	0.383234	mg/L	0.011089	2.9	570.880	1.91617 mg/L	Y 371.029
Sb 206.834	0.475150	mg/L	0.005035	1.1	285.735	2.37575 mg/L	Y 371.029
Sb 231.146	0.441602	mg/L	0.003195	0.7	218.008	2.20801 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.033783	10.9	14.2041	uncal mg/L	Y 371.029
Se 196.026	0.170895	mg/L	0.005823	3.4	52.3070	0.854475 mg/L	Y 371.029
Se 203.985	0.185140	mg/L	0.011601	6.3	43.3736	0.925702 mg/L	Y 371.029
Si 250.690	3.61261	mg/L	0.036664	1.0	4637.15	18.0631 mg/L	Y 371.029
Si 251.611	3.52945	mg/L	0.035087	1.0	5150.69	17.6473 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.017961	0.5	27384.6	uncal mg/L	Y 371.029
Sn 189.927	0.700326	mg/L	0.003226	0.5	211.777	3.50163 mg/L	Y 371.029
Sn 283.998	0.575339	mg/L	0.005374	0.9	1497.14	2.87670 mg/L	Y 371.029
Sr 216.596	0.811299	mg/L	0.003197	0.4	6465.83	4.05650 mg/L	Y 371.029
Sr 407.771	0.833363	mg/L	0.003514	0.4	2100913	4.16682 mg/L	Y 371.029
Sr 421.552	0.857046	mg/L	0.002990	0.3	1403370	4.28523 mg/L	Y 371.029
Ti 334.941	1.71921	mg/L	0.009172	0.5	369013	8.59605 mg/L	Y 371.029
Ti 336.122	1.74139	mg/L	0.008912	0.5	157206	8.70696 mg/L	Y 371.029
Ti 337.280	1.73672	mg/L	0.007264	0.4	53259.5	8.68360 mg/L	Y 371.029
Tl 190.794	0.586323	mg/L	0.011933	2.0	206.349	2.93162 mg/L	Y 371.029
Tl 190.807	0.587002	mg/L	0.008966	1.5	101.711	2.93501 mg/L	Y 371.029
Tl 351.923	0.630465	mg/L	0.003833	0.6	1026.64	3.15232 mg/L	Y 371.029
V 268.796	0.594259	mg/L	0.002259	0.4	5795.98	2.97130 mg/L	Y 371.029
V 292.401	0.579798	mg/L	0.003082	0.5	17889.9	2.89899 mg/L	Y 371.029
V 311.837	0.581686	mg/L	0.000294	0.1	24319.3	2.90843 mg/L	Y 371.029
Zn 202.548	0.790891	mg/L	0.005075	0.6	7649.08	3.95445 mg/L	Y 371.029
Zn 206.200	0.787913	mg/L	0.005796	0.7	2505.28	3.93957 mg/L	Y 371.029
Zn 213.857	0.776302	mg/L	0.005547	0.7	14354.0	3.88151 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.952068	7634.43	51.375	0.7
Y 371.029	0.856894	141308	604.986	0.4

11D0944-01 (Samp) **4/28/2011, 10:07:40 AM** **Rack 1, Tube 49**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000078	mg/L	0.000230	293.2	488.639	-0.000784 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000503	64.9	-1.90083	uncal mg/L	Y 371.029
Al 237.312	0.378758	mg/L	0.007872	2.1	513.234	3.78758 mg/L	Y 371.029
Al 257.509	0.400132	mg/L	0.005303	1.3	246.432	4.00132 mg/L	Y 371.029
Al 308.215	0.434233	mg/L	0.001770	0.4	3796.36	4.34233 mg/L	Y 371.029
As 188.980	0.003262uv	mg/L	0.002724	83.5	5.97501	0.032623 mg/L	Y 371.029
As 193.696	0.009432	mg/L	0.001695	18.0	5.43906	0.094317 mg/L	Y 371.029
As 228.812	0.008597	mg/L	0.002111	24.6	18.9290	0.085968 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.018091	mg/L	0.002553	14.1	11.9522	0.180913 mg/L	Y 371.029
B 249.678	0.012425	mg/L	0.001216	9.8	154.180	0.124248 mg/L	Y 371.029
B 249.772	0.012830	mg/L	0.001350	10.5	330.659	0.128301 mg/L	Y 371.029
Ba 233.527	0.040089	mg/L	0.000231	0.6	1722.53	0.400894 mg/L	Y 371.029
Ba 455.403	0.039555	mg/L	0.000084	0.2	38784.1	0.395549 mg/L	Y 371.029
Ba 493.408	0.040292	mg/L	0.000109	0.3	24186.2	0.402922 mg/L	Y 371.029
Be 234.861	0.000246	mg/L	0.000032	13.1	5.02268	0.002463 mg/L	Y 371.029
Be 313.042	0.000140	mg/L	0.000003	2.1	556.902	0.001405 mg/L	Y 371.029
Be 313.107	0.000004uv	mg/L	0.000016	464.3	78.2787	0.000035 mg/L	Y 371.029
Ca 393.366	11.5644n	mg/L	0.035223	0.3	13582508	115.644 mg/L	Y 371.029
Ca 396.847	12.1877	mg/L	0.034381	0.3	24141504	121.877 mg/L	Y 371.029
Ca 430.253	13.3132	mg/L	0.033995	0.3	57688.2	133.132 mg/L	Y 371.029
Cd 214.439	0.000566	mg/L	0.000091	16.0	11.5193	0.005665 mg/L	Y 371.029
Cd 226.502	0.000376	mg/L	0.000044	11.7	46.6094	0.003758 mg/L	Y 371.029
Cd 228.802	0.000643	mg/L	0.000502	78.1	25.9730	0.006434 mg/L	Y 371.029
Co 228.615	-0.000027	mg/L	0.000273	996.3	10.5821	-0.000274 mg/L	Y 371.029
Co 230.786	-0.001577uv	mg/L	0.000381	24.1	7.75433	-0.015769 mg/L	Y 371.029
Co 238.892	0.003380uv	mg/L	0.000159	4.7	0.417853	0.033798 mg/L	Y 371.029
Cr 205.560	0.004162	mg/L	0.000431	10.4	25.5906	0.041623 mg/L	Y 371.029
Cr 206.158	0.006157	mg/L	0.002154	35.0	13.4089	0.061572 mg/L	Y 371.029
Cr 267.716	0.004921	mg/L	0.000322	6.5	149.177	0.049213 mg/L	Y 371.029
Cu 213.598	0.186656	mg/L	0.002200	1.2	734.582	1.86656 mg/L	Y 371.029
Cu 324.754	0.183111	mg/L	0.000205	0.1	6184.05	1.83111 mg/L	Y 371.029
Cu 327.395	0.181603	mg/L	0.000081	0.0	7793.30	1.81603 mg/L	Y 371.029
Fe 234.350	3.67102	mg/L	0.018708	0.5	31669.2	36.7102 mg/L	Y 371.029
Fe 238.204	3.61967	mg/L	0.017401	0.5	64371.3	36.1967 mg/L	Y 371.029
Fe 259.940	3.68746	mg/L	0.019713	0.5	54114.1	36.8746 mg/L	Y 371.029
Ga 287.423	-0.010826	mg/L	0.003135	29.0	56.8862	-0.108262 mg/L	Y 371.029
Ga 294.363	0.004041	mg/L	0.000531	13.1	29.7472	0.040409 mg/L	Y 371.029
Ga 417.204	-0.003794uv	mg/L	0.001062	28.0	98.9127	-0.037940 mg/L	Y 371.029
K 766.491	0.705393	mg/L	0.000955	0.1	50502.6	7.05393 mg/L	Y 371.029
K 769.897	0.672258	mg/L	0.001323	0.2	50618.4	6.72258 mg/L	Y 371.029
Li 610.365	0.011909	mg/L	0.000201	1.7	25.3262	0.119090 mg/L	Y 371.029
Li 670.783	-0.002338uv	mg/L	0.000023	1.0	59581.1	-0.023379 mg/L	Y 371.029
Mg 279.078	1.09809	mg/L	0.002321	0.2	1781.53	10.9809 mg/L	Y 371.029
Mg 280.270	1.10428	mg/L	0.012820	1.2	109438	11.0428 mg/L	Y 371.029
Mg 285.213	1.09083	mg/L	0.002887	0.3	38697.5	10.9083 mg/L	Y 371.029
Mn 257.610	0.025135	mg/L	0.000068	0.3	3803.73	0.251348 mg/L	Y 371.029
Mn 259.372	0.024555	mg/L	0.000087	0.4	3353.17	0.245545 mg/L	Y 371.029
Mn 260.568	0.025863	mg/L	0.000083	0.3	496.880	0.258633 mg/L	Y 371.029
Mo 202.032	0.011271	mg/L	0.002342	20.8	62.8460	0.112706 mg/L	Y 371.029
Mo 203.846	0.015492	mg/L	0.001843	11.9	26.7270	0.154924 mg/L	Y 371.029
Mo 204.598	0.012768	mg/L	0.001503	11.8	26.0736	0.127681 mg/L	Y 371.029
Na 568.821	1.20197	mg/L	0.103081	8.6	429.364	12.0197 mg/L	Y 371.029
Na 588.995	0.554628	mg/L	0.002010	0.4	637917	5.54628 mg/L	Y 371.029
Na 589.592	0.637090	mg/L	0.000713	0.1	288373	6.37090 mg/L	Y 371.029
Ni 216.555	0.003007	mg/L	0.000547	18.2	32.1412	0.030069 mg/L	Y 371.029
Ni 221.648	0.002628	mg/L	0.000298	11.3	13.7136	0.026279 mg/L	Y 371.029
Ni 231.604	0.004117	mg/L	0.000586	14.2	30.0253	0.041167 mg/L	Y 371.029
P 177.434	4.04824	mg/L	0.020143	0.5	602.783	40.4824 mg/L	Y 371.029
P 213.618	4.03274	mg/L	0.011463	0.3	2635.37	40.3274 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	4.00174	mg/L	0.033457	0.8	683.916	40.0174 mg/L	Y 371.029
Pb 220.353	0.004983	mg/L	0.002795	56.1	10.2648	0.049828 mg/L	Y 371.029
Pb 261.417	-0.003594uv	mg/L	0.005687	158.2	13.2306	-0.035941 mg/L	Y 371.029
Pb 405.781	-0.003053uv	mg/L	0.001293	42.3	58.6265	-0.030528 mg/L	Y 371.029
Sb 206.834	-0.005801uv	mg/L	0.005506	94.9	7.56145	-0.058009 mg/L	Y 371.029
Sb 231.146	-0.014944uv	mg/L	0.009545	63.9	2.92178	-0.149439 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.020805	43.4	9.19955	uncal mg/L	Y 371.029
Se 196.026	0.008972	mg/L	0.000251	2.8	6.30469	0.089716 mg/L	Y 371.029
Se 203.985	0.005370uv	mg/L	0.014231	265.0	4.84987	0.053701 mg/L	Y 371.029
Si 250.690	0.401882	mg/L	0.001954	0.5	552.401	4.01882 mg/L	Y 371.029
Si 251.611	0.384421	mg/L	0.003014	0.8	605.969	3.84421 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001071	0.3	3739.57	uncal mg/L	Y 371.029
Sn 189.927	0.003105	mg/L	0.002482	79.9	4.02771	0.031048 mg/L	Y 371.029
Sn 283.998	0.003494	mg/L	0.002721	77.9	27.2032	0.034944 mg/L	Y 371.029
Sr 216.596	0.112701	mg/L	0.000385	0.3	902.819	1.12701 mg/L	Y 371.029
Sr 407.771	0.117051	mg/L	0.000619	0.5	300381	1.17051 mg/L	Y 371.029
Sr 421.552	0.120083	mg/L	0.000532	0.4	199845	1.20083 mg/L	Y 371.029
Ti 334.941	0.027311	mg/L	0.006366	23.3	5979.22	0.273105 mg/L	Y 371.029
Ti 336.122	0.028081	mg/L	0.002474	8.8	2575.88	0.280809 mg/L	Y 371.029
Ti 337.280	0.026680	mg/L	0.001497	5.6	810.081	0.266796 mg/L	Y 371.029
Tl 190.794	-0.000122uv	mg/L	0.001106	907.3	2.37417	-0.001219 mg/L	Y 371.029
Tl 190.807	0.008220	mg/L	0.003178	38.7	1.16915	0.082202 mg/L	Y 371.029
Tl 351.923	-0.005206uv	mg/L	0.006584	126.5	18.5091	-0.052065 mg/L	Y 371.029
V 268.796	0.003922	mg/L	0.000769	19.6	75.1588	0.039221 mg/L	Y 371.029
V 292.401	0.002778	mg/L	0.000360	13.0	150.048	0.027779 mg/L	Y 371.029
V 311.837	0.002831	mg/L	0.000224	7.9	128.461	0.028305 mg/L	Y 371.029
Zn 202.548	0.498382	mg/L	0.001757	0.4	4965.29	4.98382 mg/L	Y 371.029
Zn 206.200	0.496348	mg/L	0.005300	1.1	1634.04	4.96348 mg/L	Y 371.029
Zn 213.857	0.493538	mg/L	0.001330	0.3	9347.52	4.93538 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.939113	7530.54	45.592	0.6
Y 371.029	0.838967	138352	603.423	0.4

1118047-DUP1 (Samp) **4/28/2011, 10:11:32 AM** **Rack 1, Tube 50**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000025	mg/L	0.000125	494.1	490.256	-0.000252 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002070	290.2	-2.05710	uncal mg/L	Y 371.029
Al 237.312	0.353983	mg/L	0.004186	1.2	482.836	3.53983 mg/L	Y 371.029
Al 257.509	0.370699	mg/L	0.009256	2.5	229.692	3.70699 mg/L	Y 371.029
Al 308.215	0.413528	mg/L	0.000973	0.2	3675.18	4.13528 mg/L	Y 371.029
As 188.980	0.006323	mg/L	0.002344	37.1	7.01472	0.063227 mg/L	Y 371.029
As 193.696	0.008402	mg/L	0.003957	47.1	5.01817	0.084022 mg/L	Y 371.029
As 228.812	0.003938uv	mg/L	0.005500	139.7	14.9500	0.039375 mg/L	Y 371.029
B 182.577	0.009220	mg/L	0.001903	20.6	8.22962	0.092203 mg/L	Y 371.029
B 249.678	0.007754	mg/L	0.000462	6.0	114.291	0.077540 mg/L	Y 371.029
B 249.772	0.007994	mg/L	0.000495	6.2	248.300	0.079936 mg/L	Y 371.029
Ba 233.527	0.037642	mg/L	0.000118	0.3	1628.07	0.376416 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.037116	mg/L	0.000043	0.1	36640.8	0.371156 mg/L	Y 371.029
Ba 493.408	0.037741	mg/L	0.000069	0.2	22812.4	0.377409 mg/L	Y 371.029
Be 234.861	0.000218	mg/L	0.000004	1.9	3.05745	0.002181 mg/L	Y 371.029
Be 313.042	0.000145	mg/L	0.000009	6.2	565.177	0.001449 mg/L	Y 371.029
Be 313.107	0.000015	mg/L	0.000007	47.7	87.6193	0.000147 mg/L	Y 371.029
Ca 393.366	11.0449n	mg/L	0.008885	0.1	12971911	110.449 mg/L	Y 371.029
Ca 396.847	11.5923	mg/L	0.008157	0.1	22963646	115.923 mg/L	Y 371.029
Ca 430.253	12.6006	mg/L	0.005499	0.0	54664.2	126.006 mg/L	Y 371.029
Cd 214.439	0.000512	mg/L	0.000195	38.0	10.4582	0.005116 mg/L	Y 371.029
Cd 226.502	0.000257	mg/L	0.000111	43.2	41.6136	0.002574 mg/L	Y 371.029
Cd 228.802	0.000667	mg/L	0.000179	26.8	26.2957	0.006668 mg/L	Y 371.029
Co 228.615	-0.000532	mg/L	0.000316	59.4	5.34180	-0.005318 mg/L	Y 371.029
Co 230.786	-0.001483uv	mg/L	0.000428	28.8	7.55745	-0.014826 mg/L	Y 371.029
Co 238.892	0.003215uv	mg/L	0.000060	1.9	0.995502	0.032147 mg/L	Y 371.029
Cr 205.560	0.004079	mg/L	0.000357	8.8	25.0245	0.040793 mg/L	Y 371.029
Cr 206.158	0.004296	mg/L	0.001194	27.8	10.2524	0.042956 mg/L	Y 371.029
Cr 267.716	0.004720	mg/L	0.000041	0.9	143.750	0.047204 mg/L	Y 371.029
Cu 213.598	0.176043	mg/L	0.001830	1.0	692.763	1.76043 mg/L	Y 371.029
Cu 324.754	0.174266	mg/L	0.000246	0.1	5901.50	1.74266 mg/L	Y 371.029
Cu 327.395	0.172320	mg/L	0.000124	0.1	7395.32	1.72320 mg/L	Y 371.029
Fe 234.350	3.42617	mg/L	0.042726	1.2	29557.8	34.2617 mg/L	Y 371.029
Fe 238.204	3.30640	mg/L	0.040456	1.2	58805.9	33.0640 mg/L	Y 371.029
Fe 259.940	3.35041	mg/L	0.042898	1.3	49174.7	33.5041 mg/L	Y 371.029
Ga 287.423	-0.007723	mg/L	0.006578	85.2	59.4523	-0.077234 mg/L	Y 371.029
Ga 294.363	0.003314	mg/L	0.000838	25.3	25.2893	0.033138 mg/L	Y 371.029
Ga 417.204	-0.003630uv	mg/L	0.001479	40.7	97.7347	-0.036300 mg/L	Y 371.029
K 766.491	0.660191	mg/L	0.000244	0.0	47397.2	6.60191 mg/L	Y 371.029
K 769.897	0.629254	mg/L	0.000843	0.1	48176.8	6.29254 mg/L	Y 371.029
Li 610.365	0.012120	mg/L	0.000202	1.7	35.8617	0.121195 mg/L	Y 371.029
Li 670.783	-0.002307uv	mg/L	0.000011	0.5	59653.2	-0.023066 mg/L	Y 371.029
Mg 279.078	1.03190	mg/L	0.004724	0.5	1674.96	10.3190 mg/L	Y 371.029
Mg 280.270	1.03371	mg/L	0.013040	1.3	102464	10.3371 mg/L	Y 371.029
Mg 285.213	1.02773	mg/L	0.010897	1.1	36462.4	10.2773 mg/L	Y 371.029
Mn 257.610	0.023653	mg/L	0.000140	0.6	3579.06	0.236527 mg/L	Y 371.029
Mn 259.372	0.023066	mg/L	0.000096	0.4	3145.87	0.230665 mg/L	Y 371.029
Mn 260.568	0.023968	mg/L	0.000125	0.5	461.148	0.239677 mg/L	Y 371.029
Mo 202.032	0.005527	mg/L	0.000942	17.0	43.3063	0.055274 mg/L	Y 371.029
Mo 203.846	0.008664	mg/L	0.002221	25.6	16.5699	0.086643 mg/L	Y 371.029
Mo 204.598	0.006190	mg/L	0.000613	9.9	14.9102	0.061898 mg/L	Y 371.029
Na 568.821	1.22360	mg/L	0.043743	3.6	433.879	12.2360 mg/L	Y 371.029
Na 588.995	0.504308	mg/L	0.003197	0.6	609550	5.04308 mg/L	Y 371.029
Na 589.592	0.591020	mg/L	0.000201	0.0	274396	5.91020 mg/L	Y 371.029
Ni 216.555	0.003082	mg/L	0.000360	11.7	31.4213	0.030823 mg/L	Y 371.029
Ni 221.648	0.001976	mg/L	0.000257	13.0	11.9910	0.019761 mg/L	Y 371.029
Ni 231.604	0.002592	mg/L	0.000168	6.5	24.2113	0.025922 mg/L	Y 371.029
P 177.434	3.82722	mg/L	0.019973	0.5	570.023	38.2722 mg/L	Y 371.029
P 213.618	3.79507	mg/L	0.014305	0.4	2480.21	37.9507 mg/L	Y 371.029
P 214.914	3.77852	mg/L	0.032070	0.8	645.907	37.7852 mg/L	Y 371.029
Pb 220.353	0.007176	mg/L	0.002068	28.8	12.6311	0.071760 mg/L	Y 371.029
Pb 261.417	-0.000732uv	mg/L	0.007097	970.0	14.6857	-0.007317 mg/L	Y 371.029
Pb 405.781	-0.001900uv	mg/L	0.010943	576.0	59.7938	-0.018999 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.003963uv	mg/L	0.005389	136.0	8.51074	-0.039632 mg/L	Y 371.029
Sb 231.146	-0.007893uv	mg/L	0.006488	82.2	5.69617	-0.078932 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.019047	57.6	13.2170	uncal mg/L	Y 371.029
Se 196.026	0.001005uv	mg/L	0.006684	664.8	3.96629	0.010054 mg/L	Y 371.029
Se 203.985	0.011263uv	mg/L	0.011094	98.5	5.79606	0.112628 mg/L	Y 371.029
Si 250.690	0.458964	mg/L	0.002178	0.5	623.921	4.58964 mg/L	Y 371.029
Si 251.611	0.443618	mg/L	0.003728	0.8	688.780	4.43618 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.004780	1.1	4130.15	uncal mg/L	Y 371.029
Sn 189.927	0.003908	mg/L	0.002677	68.5	4.26742	0.039078 mg/L	Y 371.029
Sn 283.998	0.000138	mg/L	0.002048	1482.0	20.5179	0.001382 mg/L	Y 371.029
Sr 216.596	0.106793	mg/L	0.000470	0.4	856.089	1.06793 mg/L	Y 371.029
Sr 407.771	0.110743	mg/L	0.000637	0.6	284484	1.10743 mg/L	Y 371.029
Sr 421.552	0.113653	mg/L	0.000587	0.5	189318	1.13653 mg/L	Y 371.029
Ti 334.941	0.022468	mg/L	0.002081	9.3	4940.25	0.224677 mg/L	Y 371.029
Ti 336.122	0.022932	mg/L	0.001758	7.7	2111.62	0.229323 mg/L	Y 371.029
Ti 337.280	0.022647	mg/L	0.001520	6.7	686.209	0.226469 mg/L	Y 371.029
Tl 190.794	-0.001243uv	mg/L	0.004698	378.1	1.98649	-0.012427 mg/L	Y 371.029
Tl 190.807	0.014613	mg/L	0.002188	15.0	2.27308	0.146129 mg/L	Y 371.029
Tl 351.923	-0.006743uv	mg/L	0.003646	54.1	16.0093	-0.067427 mg/L	Y 371.029
V 268.796	0.003458	mg/L	0.000277	8.0	63.6505	0.034580 mg/L	Y 371.029
V 292.401	0.002723	mg/L	0.000254	9.3	146.870	0.027230 mg/L	Y 371.029
V 311.837	0.002653	mg/L	0.000097	3.6	119.611	0.026531 mg/L	Y 371.029
Zn 202.548	0.464280	mg/L	0.002021	0.4	4667.86	4.64280 mg/L	Y 371.029
Zn 206.200	0.462023	mg/L	0.002697	0.6	1534.81	4.62023 mg/L	Y 371.029
Zn 213.857	0.458680	mg/L	0.003668	0.8	8769.42	4.58680 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.933239	7483.44	5.666	0.1
Y 371.029	0.834381	137595	179.586	0.1

1118047-MS1 (Samp) **4/28/2011, 10:15:21 AM** **Rack 1, Tube 51**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.049259	mg/L	0.000312	0.6	2857.34	0.492593 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001132	2.4	127.815	uncal mg/L	Y 371.029
Al 237.312	0.898280	mg/L	0.005215	0.6	1151.71	8.98280 mg/L	Y 371.029
Al 257.509	0.924140	mg/L	0.014864	1.6	544.814	9.24140 mg/L	Y 371.029
Al 308.215	0.983131	mg/L	0.002160	0.2	7055.19	9.83131 mg/L	Y 371.029
As 188.980	0.096024	mg/L	0.001708	1.8	37.2068	0.960244 mg/L	Y 371.029
As 193.696	0.099438	mg/L	0.001919	1.9	42.4314	0.994385 mg/L	Y 371.029
As 228.812	0.266342	mg/L	0.003648	1.4	395.330	2.66342 mg/L	Y 371.029
B 182.577	0.097071	mg/L	0.005656	5.8	44.9637	0.970715 mg/L	Y 371.029
B 249.678	0.101813	mg/L	0.001281	1.3	910.969	1.01813 mg/L	Y 371.029
B 249.772	0.097603	mg/L	0.001503	1.5	1713.48	0.976031 mg/L	Y 371.029
Ba 233.527	0.137728	mg/L	0.000203	0.1	5467.00	1.37728 mg/L	Y 371.029
Ba 455.403	0.133075	mg/L	0.000224	0.2	120563	1.33075 mg/L	Y 371.029
Ba 493.408	0.136103	mg/L	0.000179	0.1	75514.1	1.36103 mg/L	Y 371.029
Be 234.861	0.095769	mg/L	0.000479	0.5	11099.5	0.957691 mg/L	Y 371.029
Be 313.042	0.098474	mg/L	0.000147	0.1	166599	0.984738 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.099890	mg/L	0.000105	0.1	83179.3	0.998901 mg/L	Y 371.029
Ca 393.366	11.7654n	mg/L	0.008624	0.1	13818964	117.654 mg/L	Y 371.029
Ca 396.847	12.4135	mg/L	0.001539	0.0	24591166	124.135 mg/L	Y 371.029
Ca 430.253	13.6083	mg/L	0.014724	0.1	58951.1	136.083 mg/L	Y 371.029
Cd 214.439	0.092750	mg/L	0.000339	0.4	1716.29	0.927498 mg/L	Y 371.029
Cd 226.502	0.097150	mg/L	0.000189	0.2	3558.66	0.971498 mg/L	Y 371.029
Cd 228.802	0.096286	mg/L	0.000245	0.3	1336.86	0.962860 mg/L	Y 371.029
Co 228.615	0.097807	mg/L	0.001036	1.1	847.368	0.978066 mg/L	Y 371.029
Co 230.786	0.096871	mg/L	0.001418	1.5	599.080	0.968711 mg/L	Y 371.029
Co 238.892	0.089029	mg/L	0.001238	1.4	481.765	0.890292 mg/L	Y 371.029
Cr 205.560	0.097070	mg/L	0.000406	0.4	402.452	0.970701 mg/L	Y 371.029
Cr 206.158	0.097733	mg/L	0.002871	2.9	162.929	0.977332 mg/L	Y 371.029
Cr 267.716	0.101395	mg/L	0.000269	0.3	2233.00	1.01395 mg/L	Y 371.029
Cu 213.598	0.269883	mg/L	0.000825	0.3	1059.44	2.69883 mg/L	Y 371.029
Cu 324.754	0.266561	mg/L	0.000157	0.1	8839.15	2.66561 mg/L	Y 371.029
Cu 327.395	0.264773	mg/L	0.000458	0.2	11338.9	2.64773 mg/L	Y 371.029
Fe 234.350	3.89666	mg/L	0.020214	0.5	33649.2	38.9666 mg/L	Y 371.029
Fe 238.204	3.85440	mg/L	0.056733	1.5	68595.4	38.5440 mg/L	Y 371.029
Fe 259.940	3.91337	mg/L	0.020986	0.5	57463.9	39.1337 mg/L	Y 371.029
Ga 287.423	0.084144	mg/L	0.000138	0.2	271.948	0.841443 mg/L	Y 371.029
Ga 294.363	0.094436	mg/L	0.001886	2.0	569.762	0.944358 mg/L	Y 371.029
Ga 417.204	0.089754	mg/L	0.000657	0.7	925.797	0.897537 mg/L	Y 371.029
K 766.491	1.68370	mg/L	0.001323	0.1	117575	16.8370 mg/L	Y 371.029
K 769.897	1.60166	mg/L	0.000694	0.0	103278	16.0166 mg/L	Y 371.029
Li 610.365	0.077341	mg/L	0.000546	0.7	3299.25	0.773415 mg/L	Y 371.029
Li 670.783	0.107797	mg/L	0.000079	0.1	438905	1.07797 mg/L	Y 371.029
Mg 279.078	2.03916	mg/L	0.005787	0.3	3295.61	20.3916 mg/L	Y 371.029
Mg 280.270	2.06003	mg/L	0.003962	0.2	203845	20.6003 mg/L	Y 371.029
Mg 285.213	2.04831	mg/L	0.013951	0.7	72602.7	20.4831 mg/L	Y 371.029
Mn 257.610	0.118938	mg/L	0.000616	0.5	17528.4	1.18938 mg/L	Y 371.029
Mn 259.372	0.119372	mg/L	0.000595	0.5	13664.5	1.19372 mg/L	Y 371.029
Mn 260.568	0.121992	mg/L	0.000345	0.3	2274.68	1.21992 mg/L	Y 371.029
Mo 202.032	0.100774	mg/L	0.001417	1.4	368.287	1.00775 mg/L	Y 371.029
Mo 203.846	0.103592	mg/L	0.001462	1.4	158.095	1.03592 mg/L	Y 371.029
Mo 204.598	0.102122	mg/L	0.002238	2.2	178.238	1.02122 mg/L	Y 371.029
Na 568.821	2.00013	mg/L	0.063362	3.2	637.981	20.0013 mg/L	Y 371.029
Na 588.995	1.64520	mg/L	0.002359	0.1	1250104	16.4520 mg/L	Y 371.029
Na 589.592	1.58559	mg/L	0.002167	0.1	574594	15.8559 mg/L	Y 371.029
Ni 216.555	0.097487	mg/L	0.000873	0.9	510.371	0.974872 mg/L	Y 371.029
Ni 221.648	0.097282	mg/L	0.001017	1.0	203.689	0.972817 mg/L	Y 371.029
Ni 231.604	0.100060	mg/L	0.000836	0.8	352.213	1.00060 mg/L	Y 371.029
P 177.434	3.82933	mg/L	0.012616	0.3	570.395	38.2933 mg/L	Y 371.029
P 213.618	3.81253	mg/L	0.013312	0.3	2493.77	38.1253 mg/L	Y 371.029
P 214.914	3.76904	mg/L	0.006937	0.2	645.209	37.6904 mg/L	Y 371.029
Pb 220.353	0.100993	mg/L	0.003957	3.9	114.598	1.00993 mg/L	Y 371.029
Pb 261.417	0.024715	mg/L	0.002997	12.1	27.1704	0.247148 mg/L	Y 371.029
Pb 405.781	0.080123	mg/L	0.005703	7.1	164.208	0.801231 mg/L	Y 371.029
Sb 206.834	0.099923	mg/L	0.002242	2.2	66.6985	0.999235 mg/L	Y 371.029
Sb 231.146	0.102157	mg/L	0.010893	10.7	51.3095	1.02157 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.039663	310.4	19.8160	uncal mg/L	Y 371.029
Se 196.026	0.092517	mg/L	0.004485	4.8	30.7294	0.925170 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.089202	mg/L	0.004341	4.9	19.9611	0.892024 mg/L	Y 371.029
Si 250.690	0.521183	mg/L	0.002873	0.6	703.660	5.21183 mg/L	Y 371.029
Si 251.611	0.506073	mg/L	0.002199	0.4	781.296	5.06073 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.015692	3.1	4585.56	uncal mg/L	Y 371.029
Sn 189.927	0.100691	mg/L	0.005284	5.2	32.9740	1.00691 mg/L	Y 371.029
Sn 283.998	0.089910	mg/L	0.003258	3.6	238.966	0.899097 mg/L	Y 371.029
Sr 216.596	0.201280	mg/L	0.001101	0.5	1595.45	2.01280 mg/L	Y 371.029
Sr 407.771	0.210476	mg/L	0.000507	0.2	535140	2.10476 mg/L	Y 371.029
Sr 421.552	0.215424	mg/L	0.000403	0.2	355481	2.15424 mg/L	Y 371.029
Ti 334.941	0.100112	mg/L	0.002525	2.5	21554.3	1.00112 mg/L	Y 371.029
Ti 336.122	0.101123	mg/L	0.002246	2.2	9149.81	1.01123 mg/L	Y 371.029
Ti 337.280	0.101327	mg/L	0.001502	1.5	3093.72	1.01327 mg/L	Y 371.029
Tl 190.794	0.092476	mg/L	0.001776	1.9	34.4672	0.924758 mg/L	Y 371.029
Tl 190.807	0.096805	mg/L	0.008269	8.5	16.5944	0.968054 mg/L	Y 371.029
Tl 351.923	0.094451	mg/L	0.001791	1.9	176.870	0.944507 mg/L	Y 371.029
V 268.796	0.101185	mg/L	0.000093	0.1	983.150	1.01185 mg/L	Y 371.029
V 292.401	0.098086	mg/L	0.000595	0.6	2994.62	0.980858 mg/L	Y 371.029
V 311.837	0.096264	mg/L	0.000439	0.5	3941.88	0.962639 mg/L	Y 371.029
Zn 202.548	0.559163	mg/L	0.002330	0.4	5503.80	5.59163 mg/L	Y 371.029
Zn 206.200	0.556378	mg/L	0.001874	0.3	1808.41	5.56378 mg/L	Y 371.029
Zn 213.857	0.546764	mg/L	0.002122	0.4	10246.3	5.46764 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.932227	7475.33	40.191	0.5
Y 371.029	0.832887	137349	736.665	0.5

1118047-MSD1 (Samp) **4/28/2011, 10:19:12 AM** **Rack 1, Tube 52**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.049199	mg/L	0.000141	0.3	2853.14	0.491989 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002370	5.1	127.976	uncal mg/L	Y 371.029
Al 237.312	0.881840	mg/L	0.003851	0.4	1131.51	8.81840 mg/L	Y 371.029
Al 257.509	0.910230	mg/L	0.006038	0.7	536.891	9.10230 mg/L	Y 371.029
Al 308.215	0.957142	mg/L	0.002972	0.3	6903.26	9.57142 mg/L	Y 371.029
As 188.980	0.099207	mg/L	0.001880	1.9	38.2908	0.992073 mg/L	Y 371.029
As 193.696	0.100031	mg/L	0.003561	3.6	42.6816	1.00031 mg/L	Y 371.029
As 228.812	0.262950	mg/L	0.001927	0.7	393.606	2.62950 mg/L	Y 371.029
B 182.577	0.095948	mg/L	0.003608	3.8	44.4721	0.959480 mg/L	Y 371.029
B 249.678	0.101962	mg/L	0.000529	0.5	911.746	1.01962 mg/L	Y 371.029
B 249.772	0.098019	mg/L	0.001581	1.6	1717.02	0.980189 mg/L	Y 371.029
Ba 233.527	0.135216	mg/L	0.000278	0.2	5369.99	1.35216 mg/L	Y 371.029
Ba 455.403	0.130527	mg/L	0.000408	0.3	118322	1.30527 mg/L	Y 371.029
Ba 493.408	0.133498	mg/L	0.000340	0.3	74110.0	1.33498 mg/L	Y 371.029
Be 234.861	0.096468	mg/L	0.001073	1.1	11181.7	0.964677 mg/L	Y 371.029
Be 313.042	0.098787	mg/L	0.000216	0.2	167128	0.987873 mg/L	Y 371.029
Be 313.107	0.099966	mg/L	0.000196	0.2	83242.5	0.999661 mg/L	Y 371.029
Ca 393.366	11.0546n	mg/L	0.038409	0.3	12985221	110.546 mg/L	Y 371.029
Ca 396.847	11.5939	mg/L	0.034516	0.3	22969472	115.939 mg/L	Y 371.029
Ca 430.253	12.6993	mg/L	0.039155	0.3	55094.3	126.993 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.093483	mg/L	0.000420	0.4	1729.82	0.934835 mg/L	Y 371.029
Cd 226.502	0.097337	mg/L	0.000197	0.2	3564.84	0.973372 mg/L	Y 371.029
Cd 228.802	0.097031	mg/L	0.000321	0.3	1347.07	0.970309 mg/L	Y 371.029
Co 228.615	0.097304	mg/L	0.000847	0.9	842.375	0.973041 mg/L	Y 371.029
Co 230.786	0.097016	mg/L	0.000528	0.5	599.313	0.970162 mg/L	Y 371.029
Co 238.892	0.089744	mg/L	0.000978	1.1	487.032	0.897445 mg/L	Y 371.029
Cr 205.560	0.097227	mg/L	0.000627	0.6	402.887	0.972267 mg/L	Y 371.029
Cr 206.158	0.099217	mg/L	0.001743	1.8	165.232	0.992172 mg/L	Y 371.029
Cr 267.716	0.101402	mg/L	0.000626	0.6	2232.23	1.01402 mg/L	Y 371.029
Cu 213.598	0.258435	mg/L	0.002457	1.0	1014.53	2.58435 mg/L	Y 371.029
Cu 324.754	0.254788	mg/L	0.000950	0.4	8464.03	2.54788 mg/L	Y 371.029
Cu 327.395	0.253177	mg/L	0.000701	0.3	10842.7	2.53177 mg/L	Y 371.029
Fe 234.350	3.69301	mg/L	0.039910	1.1	31892.7	36.9301 mg/L	Y 371.029
Fe 238.204	3.57319	mg/L	0.052226	1.5	63599.0	35.7319 mg/L	Y 371.029
Fe 259.940	3.62825	mg/L	0.021490	0.6	53284.9	36.2825 mg/L	Y 371.029
Ga 287.423	0.089613	mg/L	0.000489	0.5	280.401	0.896132 mg/L	Y 371.029
Ga 294.363	0.094145	mg/L	0.000740	0.8	567.982	0.941447 mg/L	Y 371.029
Ga 417.204	0.090514	mg/L	0.002416	2.7	932.543	0.905138 mg/L	Y 371.029
K 766.491	1.62393	mg/L	0.003084	0.2	113469	16.2393 mg/L	Y 371.029
K 769.897	1.54443	mg/L	0.004238	0.3	100028	15.4443 mg/L	Y 371.029
Li 610.365	0.077378	mg/L	0.000097	0.1	3301.08	0.773781 mg/L	Y 371.029
Li 670.783	0.108042	mg/L	0.000238	0.2	439710	1.08042 mg/L	Y 371.029
Mg 279.078	1.96826	mg/L	0.004236	0.2	3181.49	19.6826 mg/L	Y 371.029
Mg 280.270	1.97479	mg/L	0.012091	0.6	195422	19.7479 mg/L	Y 371.029
Mg 285.213	1.97007	mg/L	0.011155	0.6	69831.5	19.7007 mg/L	Y 371.029
Mn 257.610	0.117173	mg/L	0.001235	1.1	17266.0	1.17173 mg/L	Y 371.029
Mn 259.372	0.117569	mg/L	0.001117	1.0	13434.6	1.17569 mg/L	Y 371.029
Mn 260.568	0.120612	mg/L	0.000634	0.5	2248.50	1.20612 mg/L	Y 371.029
Mo 202.032	0.104122	mg/L	0.001663	1.6	379.236	1.04122 mg/L	Y 371.029
Mo 203.846	0.104353	mg/L	0.000880	0.8	159.029	1.04353 mg/L	Y 371.029
Mo 204.598	0.104164	mg/L	0.000796	0.8	181.481	1.04164 mg/L	Y 371.029
Na 568.821	1.87568	mg/L	0.145730	7.8	604.433	18.7568 mg/L	Y 371.029
Na 588.995	1.58188	mg/L	0.006012	0.4	1214424	15.8188 mg/L	Y 371.029
Na 589.592	1.52806	mg/L	0.004538	0.3	557161	15.2806 mg/L	Y 371.029
Ni 216.555	0.096849	mg/L	0.001588	1.6	506.225	0.968488 mg/L	Y 371.029
Ni 221.648	0.095787	mg/L	0.000678	0.7	200.348	0.957873 mg/L	Y 371.029
Ni 231.604	0.099448	mg/L	0.000530	0.5	349.566	0.994481 mg/L	Y 371.029
P 177.434	3.59397	mg/L	0.007440	0.2	535.510	35.9397 mg/L	Y 371.029
P 213.618	3.57270	mg/L	0.014996	0.4	2337.19	35.7270 mg/L	Y 371.029
P 214.914	3.54037	mg/L	0.037506	1.1	606.282	35.4037 mg/L	Y 371.029
Pb 220.353	0.098378	mg/L	0.000940	1.0	111.740	0.983782 mg/L	Y 371.029
Pb 261.417	0.028200	mg/L	0.011384	40.4	28.9179	0.282002 mg/L	Y 371.029
Pb 405.781	0.086505	mg/L	0.003199	3.7	171.867	0.865052 mg/L	Y 371.029
Sb 206.834	0.100060	mg/L	0.004536	4.5	66.7007	1.00060 mg/L	Y 371.029
Sb 231.146	0.107274	mg/L	0.008543	8.0	53.2855	1.07274 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.012056	12079.3	23.1950	uncal mg/L	Y 371.029
Se 196.026	0.097762	mg/L	0.002028	2.1	32.2410	0.977618 mg/L	Y 371.029
Se 203.985	0.084063	mg/L	0.006121	7.3	19.1815	0.840625 mg/L	Y 371.029
Si 250.690	0.476643	mg/L	0.001464	0.3	647.705	4.76643 mg/L	Y 371.029
Si 251.611	0.463327	mg/L	0.001925	0.4	719.108	4.63327 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.006604	1.4	4246.50	uncal mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.101941	mg/L	0.000574	0.6	33.3474	1.01941 mg/L	Y 371.029
Sn 283.998	0.090079	mg/L	0.004964	5.5	240.482	0.900787 mg/L	Y 371.029
Sr 216.596	0.193952	mg/L	0.000536	0.3	1537.66	1.93952 mg/L	Y 371.029
Sr 407.771	0.202851	mg/L	0.000757	0.4	515922	2.02851 mg/L	Y 371.029
Sr 421.552	0.206892	mg/L	0.000396	0.2	341515	2.06892 mg/L	Y 371.029
Ti 334.941	0.102111	mg/L	0.001783	1.7	21977.0	1.02111 mg/L	Y 371.029
Ti 336.122	0.103124	mg/L	0.002074	2.0	9328.23	1.03124 mg/L	Y 371.029
Ti 337.280	0.102631	mg/L	0.001478	1.4	3132.90	1.02631 mg/L	Y 371.029
Tl 190.794	0.093548	mg/L	0.004398	4.7	34.8395	0.935477 mg/L	Y 371.029
Tl 190.807	0.092076	mg/L	0.009563	10.4	15.7835	0.920762 mg/L	Y 371.029
Tl 351.923	0.099002	mg/L	0.008414	8.5	184.041	0.990023 mg/L	Y 371.029
V 268.796	0.100931	mg/L	0.000529	0.5	981.324	1.00931 mg/L	Y 371.029
V 292.401	0.098698	mg/L	0.000806	0.8	3011.68	0.986982 mg/L	Y 371.029
V 311.837	0.096234	mg/L	0.000306	0.3	3939.40	0.962336 mg/L	Y 371.029
Zn 202.548	0.523038	mg/L	0.004142	0.8	5188.56	5.23038 mg/L	Y 371.029
Zn 206.200	0.520923	mg/L	0.003737	0.7	1705.86	5.20923 mg/L	Y 371.029
Zn 213.857	0.511050	mg/L	0.004207	0.8	9653.60	5.11050 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.931129	7466.52	33.462	0.4
Y 371.029	0.831380	137100	604.937	0.4

1118047-PS1 (Samp) **4/28/2011, 10:23:05 AM** **Rack 1, Tube 53**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.516135	mg/L	0.001650	0.3	25283.0	5.16135 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001824	0.4	1457.69	uncal mg/L	Y 371.029
Al 237.312	5.04276	mg/L	0.015823	0.3	6245.22	50.4276 mg/L	Y 371.029
Al 257.509	5.11992	mg/L	0.018685	0.4	2933.36	51.1992 mg/L	Y 371.029
Al 308.215	5.35148	mg/L	0.033851	0.6	32982.5	53.5148 mg/L	Y 371.029
As 188.980	0.977170	mg/L	0.001034	0.1	333.821	9.77170 mg/L	Y 371.029
As 193.696	0.979901	mg/L	0.005502	0.6	404.214	9.79901 mg/L	Y 371.029
As 228.812	2.56109	mg/L	0.020369	0.8	3760.57	25.6109 mg/L	Y 371.029
B 182.577	0.935562	mg/L	0.011993	1.3	395.556	9.35562 mg/L	Y 371.029
B 249.678	0.994119	mg/L	0.023566	2.4	8468.45	9.94119 mg/L	Y 371.029
B 249.772	0.952246	mg/L	0.022473	2.4	15693.2	9.52246 mg/L	Y 371.029
Ba 233.527	1.03671	mg/L	0.000252	0.0	39949.6	10.3671 mg/L	Y 371.029
Ba 455.403	0.987643	mg/L	0.002669	0.3	867941	9.87643 mg/L	Y 371.029
Ba 493.408	1.04307	mg/L	0.000901	0.1	561461	10.4307 mg/L	Y 371.029
Be 234.861	0.986426	mg/L	0.001449	0.1	114529	9.86426 mg/L	Y 371.029
Be 313.042	0.983592	mg/L	0.003764	0.4	1661098	9.83592 mg/L	Y 371.029
Be 313.107	1.00143	mg/L	0.004358	0.4	833217	10.0143 mg/L	Y 371.029
Ca 393.366	18.2344n	mg/L	0.026623	0.1	21412854	182.344 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.069237	0.3	40335780	- mg/L	Y 371.029
Ca 430.253	23.2019	mg/L	0.063174	0.3	99760.4	232.019 mg/L	Y 371.029
Cd 214.439	0.927274	mg/L	0.003712	0.4	17148.5	9.27274 mg/L	Y 371.029
Cd 226.502	0.972346	mg/L	0.002871	0.3	35328.8	9.72346 mg/L	Y 371.029
Cd 228.802	0.956970	mg/L	0.005236	0.5	13134.7	9.56970 mg/L	Y 371.029
Co 228.615	0.967070	mg/L	0.010081	1.0	8295.72	9.67070 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.960475	mg/L	0.007097	0.7	5794.63	9.60475 mg/L	Y 371.029
Co 238.892	0.928862	mg/L	0.002855	0.3	5184.13	9.28862 mg/L	Y 371.029
Cr 205.560	0.945302	mg/L	0.004912	0.5	3844.67	9.45302 mg/L	Y 371.029
Cr 206.158	0.966563	mg/L	0.008995	0.9	1582.24	9.66563 mg/L	Y 371.029
Cr 267.716	0.969019	mg/L	0.002227	0.2	20981.1	9.69019 mg/L	Y 371.029
Cu 213.598	1.13693	mg/L	0.009446	0.8	4448.94	11.3693 mg/L	Y 371.029
Cu 324.754	1.12828	mg/L	0.001714	0.2	36263.8	11.2828 mg/L	Y 371.029
Cu 327.395	1.13680	mg/L	0.001657	0.1	48537.9	11.3680 mg/L	Y 371.029
Fe 234.350	8.84003	mg/L	0.049049	0.6	76558.1	88.4003 mg/L	Y 371.029
Fe 238.204	8.55807	mg/L	0.082285	1.0	152611	85.5807 mg/L	Y 371.029
Fe 259.940	8.68137	mg/L	0.086649	1.0	127662	86.8137 mg/L	Y 371.029
Ga 287.423	0.945354	mg/L	0.006573	0.7	2272.31	9.45354 mg/L	Y 371.029
Ga 294.363	0.949588	mg/L	0.003287	0.3	5679.26	9.49588 mg/L	Y 371.029
Ga 417.204	0.957112	mg/L	0.003320	0.3	8720.10	9.57112 mg/L	Y 371.029
K 766.491	10.3503	mg/L	0.029718	0.3	711848	103.503 mg/L	Y 371.029
K 769.897	10.1988	mg/L	0.024304	0.2	590448	101.988 mg/L	Y 371.029
Li 610.365	0.974775	mg/L	0.003319	0.3	48202.4	9.74775 mg/L	Y 371.029
Li 670.783	1.05205	mg/L	0.002850	0.3	3691628	10.5205 mg/L	Y 371.029
Mg 279.078	10.9964	mg/L	0.036272	0.3	17707.4	109.964 mg/L	Y 371.029
Mg 280.270	10.6433	mg/L	0.083325	0.8	1051727	106.433 mg/L	Y 371.029
Mg 285.213	11.4357	mg/L	0.042988	0.4	405022	114.357 mg/L	Y 371.029
Mn 257.610	0.983647	mg/L	0.011750	1.2	143845	9.83647 mg/L	Y 371.029
Mn 259.372	0.990037	mg/L	0.010377	1.0	108869	9.90037 mg/L	Y 371.029
Mn 260.568	1.00421	mg/L	0.005437	0.5	18590.6	10.0421 mg/L	Y 371.029
Mo 202.032	1.02828	mg/L	0.012342	1.2	3532.29	10.2828 mg/L	Y 371.029
Mo 203.846	1.01671	mg/L	0.015483	1.5	1519.25	10.1671 mg/L	Y 371.029
Mo 204.598	1.03403	mg/L	0.010315	1.0	1764.45	10.3403 mg/L	Y 371.029
Na 568.821	9.96868	mg/L	0.083359	0.8	2730.63	99.6868 mg/L	Y 371.029
Na 588.995	10.7709	mg/L	0.054080	0.5	6374695	107.709 mg/L	Y 371.029
Na 589.592	10.9547	mg/L	0.051824	0.5	3402631	109.547 mg/L	Y 371.029
Ni 216.555	0.951418	mg/L	0.005151	0.5	4845.47	9.51418 mg/L	Y 371.029
Ni 221.648	0.951638	mg/L	0.001410	0.1	1923.29	9.51638 mg/L	Y 371.029
Ni 231.604	0.972366	mg/L	0.000466	0.0	3289.68	9.72366 mg/L	Y 371.029
P 177.434	5.09176	mg/L	0.017197	0.3	758.009	50.9176 mg/L	Y 371.029
P 213.618	5.01874	mg/L	0.044943	0.9	3300.04	50.1874 mg/L	Y 371.029
P 214.914	5.04031	mg/L	0.005062	0.1	869.533	50.4031 mg/L	Y 371.029
Pb 220.353	0.947544	mg/L	0.004722	0.5	1034.75	9.47544 mg/L	Y 371.029
Pb 261.417	0.640450	mg/L	0.004585	0.7	331.641	6.40450 mg/L	Y 371.029
Pb 405.781	0.939792	mg/L	0.018378	2.0	1256.40	9.39792 mg/L	Y 371.029
Sb 206.834	0.878278	mg/L	0.006120	0.7	503.645	8.78278 mg/L	Y 371.029
Sb 231.146	0.927931	mg/L	0.002395	0.3	394.176	9.27931 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.028762	3.9	248.931	uncal mg/L	Y 371.029
Se 196.026	0.954062	mg/L	0.025559	2.7	282.681	9.54062 mg/L	Y 371.029
Se 203.985	0.959986	mg/L	0.024631	2.6	175.264	9.59986 mg/L	Y 371.029
Si 250.690	1.41016	mg/L	0.004507	0.3	1834.45	14.1016 mg/L	Y 371.029
Si 251.611	1.35910	mg/L	0.001610	0.1	2029.60	13.5910 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.023953	1.8	10848.8	uncal mg/L	Y 371.029
Sn 189.927	1.02466	mg/L	0.003253	0.3	307.006	10.2466 mg/L	Y 371.029
Sn 283.998	0.910089	mg/L	0.007403	0.8	2249.83	9.10089 mg/L	Y 371.029
Sr 216.596	1.06584	mg/L	0.004390	0.4	8361.88	10.6584 mg/L	Y 371.029
Sr 407.771	1.09303	mg/L	0.009149	0.8	2753296	10.9303 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	1.11900	mg/L	0.003635	0.3	1830793	11.1900 mg/L	Y 371.029
Ti 334.941	1.01624	mg/L	0.007740	0.8	217487	10.1624 mg/L	Y 371.029
Ti 336.122	1.02607	mg/L	0.008523	0.8	92369.3	10.2607 mg/L	Y 371.029
Ti 337.280	1.02973	mg/L	0.001357	0.1	31489.6	10.2973 mg/L	Y 371.029
Tl 190.794	0.978251	mg/L	0.002414	0.2	341.399	9.78251 mg/L	Y 371.029
Tl 190.807	0.972351	mg/L	0.008311	0.9	169.087	9.72351 mg/L	Y 371.029
Tl 351.923	1.03703	mg/L	0.004806	0.5	1675.92	10.3703 mg/L	Y 371.029
V 268.796	0.962547	mg/L	0.003489	0.4	9170.26	9.62547 mg/L	Y 371.029
V 292.401	0.957887	mg/L	0.002703	0.3	28677.5	9.57887 mg/L	Y 371.029
V 311.837	0.957543	mg/L	0.001686	0.2	39108.6	9.57543 mg/L	Y 371.029
Zn 202.548	1.43154	mg/L	0.016599	1.2	13190.3	14.3154 mg/L	Y 371.029
Zn 206.200	1.43046	mg/L	0.010106	0.7	4342.88	14.3046 mg/L	Y 371.029
Zn 213.857	1.42521	mg/L	0.012099	0.8	24957.7	14.2521 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.940290	7539.98	11.835	0.2
Y 371.029	0.837948	138183	502.222	0.4

11D0742-01 (Samp) **4/28/2011, 10:27:17 AM** **Rack 1, Tube 54**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.002100	mg/L	0.000282	13.4	669.557	0.021001 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001262	56.2	3.28799	uncal mg/L	Y 371.029
Al 237.312	38.7427	mg/L	0.016998	0.0	47596.1	387.427 mg/L	Y 371.029
Al 257.509	39.9978	mg/L	0.107090	0.3	22802.2	399.978 mg/L	Y 371.029
Al 308.215	40.4695	mg/L	0.083510	0.2	240711	404.695 mg/L	Y 371.029
As 188.980	0.036403	mg/L	0.002569	7.1	16.8831	0.364029 mg/L	Y 371.029
As 193.696	0.028293	mg/L	0.005637	19.9	14.3204	0.282927 mg/L	Y 371.029
As 228.812	0.046819	mg/L	0.005157	11.0	52.3035	0.468187 mg/L	Y 371.029
B 182.577	0.073892	mg/L	0.003491	4.7	38.1229	0.738922 mg/L	Y 371.029
B 249.678	0.075153	mg/L	0.001697	2.3	763.109	0.751530 mg/L	Y 371.029
B 249.772	0.071328	mg/L	0.001301	1.8	2684.63	0.713285 mg/L	Y 371.029
Ba 233.527	3.82005	mg/L	0.008154	0.2	146706	38.2005 mg/L	Y 371.029
Ba 455.403	3.72750	mg/L	0.002445	0.1	3264267	37.2750 mg/L	Y 371.029
Ba 493.408	3.81218	mg/L	0.006882	0.2	2045492	38.1218 mg/L	Y 371.029
Be 234.861	0.002028uv	mg/L	0.000202	9.9	-320.484	0.020282 mg/L	Y 371.029
Be 313.042	0.002076	mg/L	0.000007	0.3	3763.32	0.020758 mg/L	Y 371.029
Be 313.107	0.001902	mg/L	0.000011	0.6	1642.61	0.019017 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.314247	0.9	42772180	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.143540	0.6	44790636	- mg/L	Y 371.029
Ca 430.253	80.3958	mg/L	0.234541	0.3	342734	803.958 mg/L	Y 371.029
Cd 214.439	0.007055	mg/L	0.000241	3.4	146.301	0.070551 mg/L	Y 371.029
Cd 226.502	0.005777	mg/L	0.000148	2.6	487.520	0.057766 mg/L	Y 371.029
Cd 228.802	0.007170	mg/L	0.000640	8.9	109.271	0.071696 mg/L	Y 371.029
Co 228.615	0.015723	mg/L	0.000638	4.1	514.872	0.157226 mg/L	Y 371.029
Co 230.786	0.014458	mg/L	0.000772	5.3	400.505	0.144576 mg/L	Y 371.029
Co 238.892	0.013996uv	mg/L	0.001060	7.6	-558.232	0.139956 mg/L	Y 371.029
Cr 205.560	0.109279	mg/L	0.000946	0.9	567.014	1.09279 mg/L	Y 371.029
Cr 206.158	0.096391	mg/L	0.007528	7.8	214.299	0.963907 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.117088	mg/L	0.000643	0.5	3169.94	1.17088 mg/L	Y 371.029
Cu 213.598	1.67659	mg/L	0.002430	0.1	6729.93	16.7659 mg/L	Y 371.029
Cu 324.754	1.67364	mg/L	0.005987	0.4	54077.4	16.7364 mg/L	Y 371.029
Cu 327.395	1.64857	mg/L	0.006688	0.4	71317.4	16.4857 mg/L	Y 371.029
Fe 234.350	102.779	mg/L	0.284563	0.3	886587	1027.79 mg/L	Y 371.029
Fe 238.204	97.6583	mg/L	0.647859	0.7	1736255	976.583 mg/L	Y 371.029
Fe 259.940	99.7916	mg/L	0.103752	0.1	1463682	997.917 mg/L	Y 371.029
Ga 287.423	-0.128572	mg/L	0.004364	3.4	1522.23	-1.28572 mg/L	Y 371.029
Ga 294.363	0.007960	mg/L	0.001187	14.9	135.361	0.079604 mg/L	Y 371.029
Ga 417.204	0.002046	mg/L	0.000052	2.6	852.128	0.020462 mg/L	Y 371.029
K 766.491	4.62393	mg/L	0.011820	0.3	320077	46.2393 mg/L	Y 371.029
K 769.897	4.44665	mg/L	0.011374	0.3	265075	44.4665 mg/L	Y 371.029
Li 610.365	0.026177	mg/L	0.000251	1.0	739.208	0.261766 mg/L	Y 371.029
Li 670.783	0.041267	mg/L	0.000141	0.3	217213	0.412665 mg/L	Y 371.029
Mg 279.078	13.4678	mg/L	0.023794	0.2	21721.8	134.678 mg/L	Y 371.029
Mg 280.270	12.9603	mg/L	0.084714	0.7	1281053	129.603 mg/L	Y 371.029
Mg 285.213	14.2876	mg/L	0.120940	0.8	506091	142.876 mg/L	Y 371.029
Mn 257.610	1.22593	mg/L	0.001973	0.2	191299	12.2593 mg/L	Y 371.029
Mn 259.372	1.27244	mg/L	0.001005	0.1	156093	12.7244 mg/L	Y 371.029
Mn 260.568	1.31221	mg/L	0.003352	0.3	24630.9	13.1221 mg/L	Y 371.029
Mo 202.032	0.011335	mg/L	0.003180	28.1	93.0628	0.113346 mg/L	Y 371.029
Mo 203.846	0.009936	mg/L	0.004620	46.5	41.1104	0.099363 mg/L	Y 371.029
Mo 204.598	0.010712	mg/L	0.001716	16.0	46.4018	0.107116 mg/L	Y 371.029
Na 568.821	0.678955	mg/L	0.086061	12.7	401.518	6.78956 mg/L	Y 371.029
Na 588.995	0.269249	mg/L	0.003547	1.3	497854	2.69249 mg/L	Y 371.029
Na 589.592	0.399306	mg/L	0.001327	0.3	231308	3.99306 mg/L	Y 371.029
Ni 216.555	-0.001938	mg/L	0.000575	29.7	456.329	-0.019381 mg/L	Y 371.029
Ni 221.648	-0.007276	mg/L	0.001297	17.8	163.978	-0.072757 mg/L	Y 371.029
Ni 231.604	-0.002870	mg/L	0.000330	11.5	286.321	-0.028703 mg/L	Y 371.029
P 177.434	4.32640	mg/L	0.013286	0.3	647.467	43.2640 mg/L	Y 371.029
P 213.618	4.23224	mg/L	0.021126	0.5	2810.40	42.3224 mg/L	Y 371.029
P 214.914	4.22129	mg/L	0.014793	0.4	744.402	42.2129 mg/L	Y 371.029
Pb 220.353	14.4566	mg/L	0.055172	0.4	15711.3	144.566 mg/L	Y 371.029
Pb 261.417	12.3264	mg/L	0.047122	0.4	6128.75	123.264 mg/L	Y 371.029
Pb 405.781	15.0833	mg/L	0.024380	0.2	19029.4	150.833 mg/L	Y 371.029
Sb 206.834	0.029668	mg/L	0.007899	26.6	41.7657	0.296681 mg/L	Y 371.029
Sb 231.146	-0.019779	mg/L	0.006281	31.8	29.0870	-0.197793 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.005644	1.2	15.4780	uncal mg/L	Y 371.029
Se 196.026	0.011671	mg/L	0.005456	46.7	6.11118	0.116711 mg/L	Y 371.029
Se 203.985	0.028324	mg/L	0.010434	36.8	6.40908	0.283239 mg/L	Y 371.029
Si 250.690	2.47809	mg/L	0.020229	0.8	3213.31	24.7809 mg/L	Y 371.029
Si 251.611	2.36992	mg/L	0.023521	1.0	3574.35	23.6992 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.023036	1.0	19075.2	uncal mg/L	Y 371.029
Sn 189.927	0.142176	mg/L	0.002361	1.7	46.2396	1.42176 mg/L	Y 371.029
Sn 283.998	0.084415	mg/L	0.002925	3.5	281.389	0.844149 mg/L	Y 371.029
Sr 216.596	0.330689	mg/L	0.001537	0.5	2783.72	3.30689 mg/L	Y 371.029
Sr 407.771	0.333157	mg/L	0.002182	0.7	847397	3.33157 mg/L	Y 371.029
Sr 421.552	0.343416	mg/L	0.001528	0.4	567206	3.43416 mg/L	Y 371.029
Ti 334.941	0.834685	mg/L	0.004155	0.5	180473	8.34685 mg/L	Y 371.029
Ti 336.122	0.856679	mg/L	0.004390	0.5	77836.9	8.56679 mg/L	Y 371.029
Ti 337.280	0.850269	mg/L	0.001666	0.2	26234.9	8.50269 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	-0.005914uv	mg/L	0.004100	69.3	2.26825	-0.059140 mg/L	Y 371.029
Tl 190.807	0.019376	mg/L	0.003612	18.6	2.23548	0.193764 mg/L	Y 371.029
Tl 351.923	-0.008467uv	mg/L	0.002779	32.8	13.9570	-0.084670 mg/L	Y 371.029
V 268.796	0.119125	mg/L	0.000699	0.6	1198.51	1.19125 mg/L	Y 371.029
V 292.401	0.116213	mg/L	0.000155	0.1	4220.45	1.16213 mg/L	Y 371.029
V 311.837	0.110726	mg/L	0.000121	0.1	5284.79	1.10726 mg/L	Y 371.029
Zn 202.548	5.60808	mg/L	0.054946	1.0	49557.7	56.0808 mg/L	Y 371.029
Zn 206.200	5.58730	mg/L	0.037408	0.7	16360.0	55.8730 mg/L	Y 371.029
Zn 213.857	5.62171	mg/L	0.056034	1.0	94532.9	56.2170 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.945494	7581.71	38.216	0.5
Y 371.029	0.847798	139808	908.811	0.7

11D0742-02 (Samp) **4/28/2011, 10:31:31 AM** **Rack 1, Tube 55**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001388	mg/L	0.000089	6.4	618.817	0.013880 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001392	195.2	-6.77728	uncal mg/L	Y 371.029
Al 237.312	37.2887	mg/L	0.061690	0.2	45827.8	372.887 mg/L	Y 371.029
Al 257.509	38.3942	mg/L	0.134034	0.3	21890.5	383.942 mg/L	Y 371.029
Al 308.215	38.9200	mg/L	0.051249	0.1	231614	389.200 mg/L	Y 371.029
As 188.980	0.028610	mg/L	0.002101	7.3	14.2381	0.286100 mg/L	Y 371.029
As 193.696	0.020606	mg/L	0.007354	35.7	10.9021	0.206065 mg/L	Y 371.029
As 228.812	0.027583	mg/L	0.003983	14.4	35.8626	0.275825 mg/L	Y 371.029
B 182.577	0.085105	mg/L	0.003023	3.6	42.1253	0.851054 mg/L	Y 371.029
B 249.678	0.085820	mg/L	0.001145	1.3	832.638	0.858196 mg/L	Y 371.029
B 249.772	0.080046	mg/L	0.000779	1.0	2333.49	0.800458 mg/L	Y 371.029
Ba 233.527	1.49684	mg/L	0.001659	0.1	57639.1	14.9684 mg/L	Y 371.029
Ba 455.403	1.43718	mg/L	0.005280	0.4	1261760	14.3717 mg/L	Y 371.029
Ba 493.408	1.47243	mg/L	0.002643	0.2	792130	14.7243 mg/L	Y 371.029
Be 234.861	0.003355	mg/L	0.000112	3.3	25.5191	0.033549 mg/L	Y 371.029
Be 313.042	0.001938	mg/L	0.000004	0.2	3549.54	0.019379 mg/L	Y 371.029
Be 313.107	0.001751	mg/L	0.000006	0.4	1520.18	0.017511 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.087005	0.3	38698528	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.151019	0.7	43826988	- mg/L	Y 371.029
Ca 430.253	58.9358	mg/L	0.068762	0.1	251589	589.358 mg/L	Y 371.029
Cd 214.439	0.005811	mg/L	0.000090	1.5	118.002	0.058114 mg/L	Y 371.029
Cd 226.502	0.004714	mg/L	0.000046	1.0	365.744	0.047140 mg/L	Y 371.029
Cd 228.802	0.005732	mg/L	0.000147	2.6	92.5339	0.057316 mg/L	Y 371.029
Co 228.615	0.014297	mg/L	0.000168	1.2	375.735	0.142966 mg/L	Y 371.029
Co 230.786	0.012201	mg/L	0.000568	4.7	280.068	0.122011 mg/L	Y 371.029
Co 238.892	0.012800uv	mg/L	0.001534	12.0	-342.094	0.128000 mg/L	Y 371.029
Cr 205.560	0.203762	mg/L	0.000872	0.4	924.039	2.03762 mg/L	Y 371.029
Cr 206.158	0.199679	mg/L	0.005644	2.8	370.737	1.99679 mg/L	Y 371.029
Cr 267.716	0.212624	mg/L	0.000530	0.2	5102.29	2.12624 mg/L	Y 371.029
Cu 213.598	1.20749	mg/L	0.004511	0.4	4835.86	12.0749 mg/L	Y 371.029
Cu 324.754	1.21159	mg/L	0.003003	0.2	39187.5	12.1159 mg/L	Y 371.029
Cu 327.395	1.19134	mg/L	0.003498	0.3	51494.2	11.9134 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	67.3457	mg/L	0.015855	0.0	581367	673.457 mg/L	Y 371.029
Fe 238.204	63.3820	mg/L	0.163014	0.3	1127800	633.820 mg/L	Y 371.029
Fe 259.940	64.5247	mg/L	0.122310	0.2	947148	645.247 mg/L	Y 371.029
Ga 287.423	-0.101386	mg/L	0.003432	3.4	974.461	-1.01386 mg/L	Y 371.029
Ga 294.363	0.007408	mg/L	0.000783	10.6	108.209	0.074083 mg/L	Y 371.029
Ga 417.204	-0.000415	mg/L	0.000865	208.6	815.468	-0.004148 mg/L	Y 371.029
K 766.491	4.38795	mg/L	0.006046	0.1	303655	43.8795 mg/L	Y 371.029
K 769.897	4.21364	mg/L	0.006483	0.2	251733	42.1364 mg/L	Y 371.029
Li 610.365	0.021154	mg/L	0.000306	1.4	487.895	0.211538 mg/L	Y 371.029
Li 670.783	0.030650	mg/L	0.000099	0.3	179858	0.306501 mg/L	Y 371.029
Mg 279.078	17.0297	mg/L	0.019945	0.1	27440.3	170.297 mg/L	Y 371.029
Mg 280.270	16.2043	mg/L	0.025425	0.2	1601273	162.043 mg/L	Y 371.029
Mg 285.213	17.7103	mg/L	0.057488	0.3	627266	177.103 mg/L	Y 371.029
Mn 257.610	1.62219	mg/L	0.006741	0.4	247720	16.2219 mg/L	Y 371.029
Mn 259.372	1.67332	mg/L	0.007362	0.4	193156	16.7332 mg/L	Y 371.029
Mn 260.568	1.71841	mg/L	0.004145	0.2	32074.6	17.1841 mg/L	Y 371.029
Mo 202.032	-0.003914	mg/L	0.001829	46.7	45.4565	-0.039142 mg/L	Y 371.029
Mo 203.846	-0.002698	mg/L	0.001616	59.9	21.3992	-0.026979 mg/L	Y 371.029
Mo 204.598	-0.002513	mg/L	0.001676	66.7	23.5240	-0.025130 mg/L	Y 371.029
Na 568.821	0.812764	mg/L	0.033345	4.1	407.339	8.12764 mg/L	Y 371.029
Na 588.995	0.313570	mg/L	0.001543	0.5	517900	3.13570 mg/L	Y 371.029
Na 589.592	0.423082	mg/L	0.000288	0.1	235023	4.23082 mg/L	Y 371.029
Ni 216.555	0.055432	mg/L	0.000694	1.3	590.087	0.554318 mg/L	Y 371.029
Ni 221.648	0.051454	mg/L	0.001214	2.4	222.696	0.514536 mg/L	Y 371.029
Ni 231.604	0.057148	mg/L	0.001017	1.8	391.226	0.571475 mg/L	Y 371.029
P 177.434	5.44004	mg/L	0.025850	0.5	811.128	54.4004 mg/L	Y 371.029
P 213.618	5.34237	mg/L	0.012695	0.2	3520.36	53.4237 mg/L	Y 371.029
P 214.914	5.33818	mg/L	0.027443	0.5	926.362	53.3818 mg/L	Y 371.029
Pb 220.353	8.52214	mg/L	0.053278	0.6	9264.00	85.2214 mg/L	Y 371.029
Pb 261.417	7.09171	mg/L	0.018485	0.3	3532.14	70.9171 mg/L	Y 371.029
Pb 405.781	8.68666	mg/L	0.017999	0.2	10998.2	86.8666 mg/L	Y 371.029
Sb 206.834	-0.006700	mg/L	0.001513	22.6	18.6831	-0.067004 mg/L	Y 371.029
Sb 231.146	-0.056544	mg/L	0.006340	11.2	11.2764	-0.565438 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.005135	1.5	7.72907	uncal mg/L	Y 371.029
Se 196.026	0.000360uv	mg/L	0.003142	871.7	3.28620	0.003604 mg/L	Y 371.029
Se 203.985	0.010454	mg/L	0.016074	153.8	6.77865	0.104540 mg/L	Y 371.029
Si 250.690	1.14137	mg/L	0.010196	0.9	1525.37	11.4137 mg/L	Y 371.029
Si 251.611	1.06602	mg/L	0.009345	0.9	1684.27	10.6602 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.016546	1.5	9224.88	uncal mg/L	Y 371.029
Sn 189.927	0.055095	mg/L	0.001248	2.3	20.1909	0.550946 mg/L	Y 371.029
Sn 283.998	-0.003713	mg/L	0.006233	167.9	250.552	-0.037131 mg/L	Y 371.029
Sr 216.596	0.267589	mg/L	0.000508	0.2	2228.26	2.67589 mg/L	Y 371.029
Sr 407.771	0.272932	mg/L	0.001674	0.6	694804	2.72932 mg/L	Y 371.029
Sr 421.552	0.287732	mg/L	0.001042	0.4	475434	2.87732 mg/L	Y 371.029
Ti 334.941	0.972473	mg/L	0.010401	1.1	209455	9.72473 mg/L	Y 371.029
Ti 336.122	0.985188	mg/L	0.009749	1.0	89213.8	9.85188 mg/L	Y 371.029
Ti 337.280	0.992934	mg/L	0.001775	0.2	30533.2	9.92934 mg/L	Y 371.029
Tl 190.794	-0.006447uv	mg/L	0.002073	32.1	2.06258	-0.064472 mg/L	Y 371.029
Tl 190.807	0.015622	mg/L	0.002717	17.4	1.54495	0.156218 mg/L	Y 371.029
Tl 351.923	-0.007321uv	mg/L	0.001975	27.0	15.3970	-0.073211 mg/L	Y 371.029
V 268.796	0.136803	mg/L	0.000495	0.4	1294.21	1.36803 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.132881	mg/L	0.000713	0.5	4536.75	1.32881 mg/L	Y 371.029
V 311.837	0.130154	mg/L	0.000181	0.1	5870.41	1.30154 mg/L	Y 371.029
Zn 202.548	4.48052	mg/L	0.021277	0.5	39711.2	44.8052 mg/L	Y 371.029
Zn 206.200	4.49197	mg/L	0.037692	0.8	13194.3	44.9197 mg/L	Y 371.029
Zn 213.857	4.52992	mg/L	0.009404	0.2	76396.3	45.2992 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.962812	7720.58	15.989	0.2
Y 371.029	0.861160	142011	367.306	0.3

11D1022-01 (Samp) **4/28/2011, 10:35:25 AM** **Rack 1, Tube 56**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000868b	mg/L	0.000240	27.6	499.651	0.008682 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000620	26.4	-12.3374	uncal mg/L	Y 371.029
Al 237.312	21.0894b	mg/L	0.038290	0.2	25826.9	210.894 mg/L	Y 371.029
Al 257.509	21.8595b	mg/L	0.129798	0.6	12455.5	218.595 mg/L	Y 371.029
Al 308.215	22.4459b	mg/L	0.031652	0.1	133874	224.459 mg/L	Y 371.029
As 188.980	0.018695b	mg/L	0.005079	27.2	11.4138	0.186951 mg/L	Y 371.029
As 193.696	0.001202b	mg/L	0.001674	139.2	5.24102	0.012024 mg/L	Y 371.029
As 228.812	0.030524b	mg/L	0.003701	12.1	27.3920	0.305244 mg/L	Y 371.029
B 182.577	0.013215b	mg/L	0.001383	10.5	12.4565	0.132154 mg/L	Y 371.029
B 249.678	0.000997b	mg/L	0.000776	77.9	154.998	0.009967 mg/L	Y 371.029
B 249.772	0.006981b	mg/L	0.001136	16.3	3486.98	0.069813 mg/L	Y 371.029
Ba 233.527	0.597908b	mg/L	0.000787	0.1	23234.0	5.97908 mg/L	Y 371.029
Ba 455.403	0.570469b	mg/L	0.002084	0.4	503347	5.70469 mg/L	Y 371.029
Ba 493.408	0.601733b	mg/L	0.000946	0.2	325973	6.01733 mg/L	Y 371.029
Be 234.861	0.004595uvb	mg/L	0.000069	1.5	-764.126	0.045954 mg/L	Y 371.029
Be 313.042	0.002263b	mg/L	0.000008	0.4	4063.48	0.022631 mg/L	Y 371.029
Be 313.107	0.001883b	mg/L	0.000016	0.9	1540.17	0.018832 mg/L	Y 371.029
Ca 393.366	20.2866nb	mg/L	0.088456	0.4	23836930	202.866 mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.137949	0.6	42060884	- mg/L	Y 371.029
Ca 430.253	26.4838b	mg/L	0.007411	0.0	114494	264.838 mg/L	Y 371.029
Cd 214.439	0.002951b	mg/L	0.000084	2.8	88.1295	0.029509 mg/L	Y 371.029
Cd 226.502	0.001065b	mg/L	0.000161	15.1	617.834	0.010646 mg/L	Y 371.029
Cd 228.802	0.004166b	mg/L	0.000394	9.5	54.0329	0.041660 mg/L	Y 371.029
Co 228.615	-0.075488b	mg/L	0.000602	0.8	297.906	-0.754877 mg/L	Y 371.029
Co 230.786	-0.077370b	mg/L	0.001088	1.4	237.914	-0.773701 mg/L	Y 371.029
Co 238.892	-0.004510uvb	mg/L	0.008545	189.5	-1524.05	-0.045096 mg/L	Y 371.029
Cr 205.560	0.571874b	mg/L	0.003410	0.6	2499.83	5.71874 mg/L	Y 371.029
Cr 206.158	0.569349b	mg/L	0.008475	1.5	1005.93	5.69349 mg/L	Y 371.029
Cr 267.716	0.587779b	mg/L	0.000557	0.1	13637.0	5.87779 mg/L	Y 371.029
Cu 213.598	0.873562b	mg/L	0.015359	1.8	3884.26	8.73562 mg/L	Y 371.029
Cu 324.754	0.863019b	mg/L	0.002122	0.2	28935.8	8.63019 mg/L	Y 371.029
Cu 327.395	0.838015b	mg/L	0.001345	0.2	38073.5	8.38015 mg/L	Y 371.029
Fe 234.350	-xb	mg/L	1.62876	0.7	2073227	- mg/L	Y 371.029
Fe 238.204	219.155b	mg/L	1.60922	0.7	3891164	2191.55 mg/L	Y 371.029
Fe 259.940	226.615b	mg/L	1.82864	0.8	3319651	2266.15 mg/L	Y 371.029
Ga 287.423	-0.292473b	mg/L	0.002869	1.0	3543.85	-2.92473 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	-0.002683b	mg/L	0.000919	34.3	186.584	-0.026835 mg/L	Y 371.029
Ga 417.204	0.004189b	mg/L	0.001210	28.9	4050.47	0.041888 mg/L	Y 371.029
K 766.491	1.25428b	mg/L	0.000732	0.1	89075.4	12.5428 mg/L	Y 371.029
K 769.897	1.18812b	mg/L	0.002034	0.2	80200.2	11.8812 mg/L	Y 371.029
Li 610.365	0.011928b	mg/L	0.000254	2.1	26.2738	0.119279 mg/L	Y 371.029
Li 670.783	0.003542b	mg/L	0.000007	0.2	89253.3	0.035421 mg/L	Y 371.029
Mg 279.078	6.13613b	mg/L	0.006109	0.1	9967.14	61.3613 mg/L	Y 371.029
Mg 280.270	6.27582b	mg/L	0.007293	0.1	620690	62.7582 mg/L	Y 371.029
Mg 285.213	6.39419b	mg/L	0.017299	0.3	226496	63.9419 mg/L	Y 371.029
Mn 257.610	1.79383b	mg/L	0.001161	0.1	268132	17.9383 mg/L	Y 371.029
Mn 259.372	1.77251b	mg/L	0.001144	0.1	231903	17.7251 mg/L	Y 371.029
Mn 260.568	1.85771b	mg/L	0.003616	0.2	34589.8	18.5771 mg/L	Y 371.029
Mo 202.032	0.015907b	mg/L	0.000863	5.4	37.2126	0.159066 mg/L	Y 371.029
Mo 203.846	0.015253b	mg/L	0.002595	17.0	27.0211	0.152534 mg/L	Y 371.029
Mo 204.598	0.014945b	mg/L	0.002304	15.4	27.6715	0.149449 mg/L	Y 371.029
Na 568.821	1.78877b	mg/L	0.043268	2.4	626.735	17.8877 mg/L	Y 371.029
Na 588.995	1.60079b	mg/L	0.006019	0.4	1246236	16.0079 mg/L	Y 371.029
Na 589.592	1.52565b	mg/L	0.004723	0.3	575523	15.2565 mg/L	Y 371.029
Ni 216.555	-0.085833b	mg/L	0.000314	0.4	634.130	-0.858326 mg/L	Y 371.029
Ni 221.648	-0.098153b	mg/L	0.002382	2.4	207.755	-0.981526 mg/L	Y 371.029
Ni 231.604	-0.090363b	mg/L	0.001212	1.3	361.701	-0.903633 mg/L	Y 371.029
P 177.434	32.8916b	mg/L	0.016668	0.1	4883.26	328.916 mg/L	Y 371.029
P 213.618	32.7196b	mg/L	0.117844	0.4	21370.1	327.196 mg/L	Y 371.029
P 214.914	32.9479b	mg/L	0.214362	0.7	5630.19	329.479 mg/L	Y 371.029
Pb 220.353	0.104678b	mg/L	0.003842	3.7	120.061	1.04678 mg/L	Y 371.029
Pb 261.417	0.119457b	mg/L	0.057434	48.1	55.0139	1.19457 mg/L	Y 371.029
Pb 405.781	-0.020899uvb	mg/L	0.012408	59.4	58.6715	-0.208993 mg/L	Y 371.029
Sb 206.834	-0.000915b	mg/L	0.004484	489.9	26.9287	-0.009154 mg/L	Y 371.029
Sb 231.146	0.014195b	mg/L	0.007338	51.7	26.2566	0.141952 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.308514	45.8	83.5421	uncal mg/L	Y 371.029
Se 196.026	0.009381uvb	mg/L	0.003773	40.2	1.00076	0.093815 mg/L	Y 371.029
Se 203.985	0.022549b	mg/L	0.005870	26.0	11.4810	0.225494 mg/L	Y 371.029
Si 250.690	3.85471b	mg/L	0.038358	1.0	4989.74	38.5471 mg/L	Y 371.029
Si 251.611	3.78634b	mg/L	0.033363	0.9	5532.46	37.8634 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.027207	0.7	29239.8	uncal mg/L	Y 371.029
Sn 189.927	0.031767b	mg/L	0.001987	6.3	14.6469	0.317671 mg/L	Y 371.029
Sn 283.998	-0.129804b	mg/L	0.002919	2.2	478.937	-1.29804 mg/L	Y 371.029
Sr 216.596	0.156489b	mg/L	0.000361	0.2	1635.52	1.56489 mg/L	Y 371.029
Sr 407.771	0.176142b	mg/L	0.000469	0.3	449577	1.76142 mg/L	Y 371.029
Sr 421.552	0.179951b	mg/L	0.000858	0.5	298486	1.79951 mg/L	Y 371.029
Ti 334.941	6.12484b	mg/L	0.031935	0.5	1311250	61.2484 mg/L	Y 371.029
Ti 336.122	6.26950b	mg/L	0.068965	1.1	564615	62.6950 mg/L	Y 371.029
Ti 337.280	6.28287b	mg/L	0.004855	0.1	192309	62.8287 mg/L	Y 371.029
Tl 190.794	-0.017728uvb	mg/L	0.001613	9.1	0.545092	-0.177275 mg/L	Y 371.029
Tl 190.807	0.016640b	mg/L	0.003525	21.2	1.11395	0.166396 mg/L	Y 371.029
Tl 351.923	-0.008160uvb	mg/L	0.009008	110.4	25.5825	-0.081605 mg/L	Y 371.029
V 268.796	0.958893b	mg/L	0.000820	0.1	8306.43	9.58893 mg/L	Y 371.029
V 292.401	0.946563b	mg/L	0.011101	1.2	29725.9	9.46563 mg/L	Y 371.029
V 311.837	0.933018b	mg/L	0.006005	0.6	39482.7	9.33018 mg/L	Y 371.029
Zn 202.548	1.96341b	mg/L	0.046293	2.4	17875.0	19.6341 mg/L	Y 371.029
Zn 206.200	1.96909b	mg/L	0.015021	0.8	5916.21	19.6909 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	1.94773b	mg/L	0.020165	1.0	33927.6	19.4773 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.960794	7704.39	40.351	0.5
Y 371.029	0.860433	141891	1015.718	0.7

SEQ-CCV6 (Samp) **4/28/2011, 10:39:37 AM** **Rack 1, Tube 57**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.100532	mg/L	0.000286	0.3	5306.81	0.100532 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002380	2.4	268.783	uncal mg/L	Y 371.029
Al 237.312	2.36758	mg/L	0.014307	0.6	2959.61	2.36758 mg/L	Y 371.029
Al 257.509	2.42092	mg/L	0.027181	1.1	1396.74	2.42092 mg/L	Y 371.029
Al 308.215	2.51273	mg/L	0.008185	0.3	16188.2	2.51273 mg/L	Y 371.029
As 188.980	0.493154	mg/L	0.006861	1.4	170.910	0.493154 mg/L	Y 371.029
As 193.696	0.498434	mg/L	0.002181	0.4	206.290	0.498434 mg/L	Y 371.029
As 228.812	0.837146	mg/L	0.002537	0.3	1133.29	0.837146 mg/L	Y 371.029
B 182.577	0.467204	mg/L	0.006570	1.4	199.353	0.467204 mg/L	Y 371.029
B 249.678	0.497907	mg/L	0.010722	2.2	4256.68	0.497907 mg/L	Y 371.029
B 249.772	0.475143	mg/L	0.005665	1.2	7805.99	0.475143 mg/L	Y 371.029
Ba 233.527	0.502137	mg/L	0.003226	0.6	19434.5	0.502137 mg/L	Y 371.029
Ba 455.403	0.489274	mg/L	0.001230	0.3	431896	0.489274 mg/L	Y 371.029
Ba 493.408	0.497543	mg/L	0.000892	0.2	269044	0.497543 mg/L	Y 371.029
Be 234.861	0.500068	mg/L	0.002642	0.5	58081.1	0.500068 mg/L	Y 371.029
Be 313.042	0.488143	mg/L	0.002244	0.5	824546	0.488143 mg/L	Y 371.029
Be 313.107	0.496879	mg/L	0.002322	0.5	413455	0.496879 mg/L	Y 371.029
Ca 393.366	4.65085n	mg/L	0.066861	1.4	5476866	4.65085 mg/L	Y 371.029
Ca 396.847	4.56865	mg/L	0.018790	0.4	9073916	4.56865 mg/L	Y 371.029
Ca 430.253	4.94102	mg/L	0.032042	0.6	22219.7	4.94102 mg/L	Y 371.029
Cd 214.439	0.243185	mg/L	0.000518	0.2	4497.58	0.243185 mg/L	Y 371.029
Cd 226.502	0.250618	mg/L	0.000798	0.3	9119.63	0.250618 mg/L	Y 371.029
Cd 228.802	0.248023	mg/L	0.000635	0.3	3417.54	0.248023 mg/L	Y 371.029
Co 228.615	0.498459	mg/L	0.002348	0.5	4263.45	0.498459 mg/L	Y 371.029
Co 230.786	0.496341	mg/L	0.003024	0.6	2990.57	0.496341 mg/L	Y 371.029
Co 238.892	0.501851	mg/L	0.003069	0.6	2831.45	0.501851 mg/L	Y 371.029
Cr 205.560	0.482474	mg/L	0.002195	0.5	1961.75	0.482474 mg/L	Y 371.029
Cr 206.158	0.485975	mg/L	0.001912	0.4	794.726	0.485975 mg/L	Y 371.029
Cr 267.716	0.494220	mg/L	0.004232	0.9	10698.2	0.494220 mg/L	Y 371.029
Cu 213.598	0.496166	mg/L	0.004684	0.9	1941.28	0.496166 mg/L	Y 371.029
Cu 324.754	0.477416	mg/L	0.001772	0.4	15527.6	0.477416 mg/L	Y 371.029
Cu 327.395	0.470224	mg/L	0.000889	0.2	20055.9	0.470224 mg/L	Y 371.029
Fe 234.350	0.532338	mg/L	0.002494	0.5	4845.94	0.532338 mg/L	Y 371.029
Fe 238.204	0.519926	mg/L	0.005527	1.1	9580.43	0.519926 mg/L	Y 371.029
Fe 259.940	0.519884	mg/L	0.002613	0.5	7889.45	0.519884 mg/L	Y 371.029
Ga 287.423	0.493338	mg/L	0.005850	1.2	1123.12	0.493338 mg/L	Y 371.029
Ga 294.363	0.491686	mg/L	0.002174	0.4	2940.80	0.491686 mg/L	Y 371.029
Ga 417.204	0.496667	mg/L	0.000963	0.2	4556.92	0.496667 mg/L	Y 371.029
K 766.491	5.21990	mg/L	0.012331	0.2	359959	5.21990 mg/L	Y 371.029
K 769.897	5.04661	mg/L	0.012306	0.2	298472	5.04661 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	1.01158	mg/L	0.004386	0.4	50043.9	1.01158 mg/L	Y 371.029
Li 670.783	1.09224	mg/L	0.002467	0.2	3827610	1.09224 mg/L	Y 371.029
Mg 279.078	5.10001	mg/L	0.018865	0.4	8218.05	5.10001 mg/L	Y 371.029
Mg 280.270	5.06363	mg/L	0.009174	0.2	500496	5.06363 mg/L	Y 371.029
Mg 285.213	5.18665	mg/L	0.000374	0.0	183729	5.18665 mg/L	Y 371.029
Mn 257.610	0.491911	mg/L	0.002095	0.4	71855.7	0.491911 mg/L	Y 371.029
Mn 259.372	0.496000	mg/L	0.001716	0.3	54174.9	0.496000 mg/L	Y 371.029
Mn 260.568	0.495311	mg/L	0.003109	0.6	9165.35	0.495311 mg/L	Y 371.029
Mo 202.032	1.03881	mg/L	0.002133	0.2	3556.81	1.03881 mg/L	Y 371.029
Mo 203.846	1.01613	mg/L	0.011793	1.2	1512.67	1.01613 mg/L	Y 371.029
Mo 204.598	1.03546	mg/L	0.009999	1.0	1760.46	1.03546 mg/L	Y 371.029
Na 568.821	5.09051	mg/L	0.119216	2.3	1436.36	5.09051 mg/L	Y 371.029
Na 588.995	5.53892	mg/L	0.036298	0.7	3434879	5.53892 mg/L	Y 371.029
Na 589.592	5.17398	mg/L	0.027358	0.5	1656753	5.17398 mg/L	Y 371.029
Ni 216.555	0.982717	mg/L	0.003687	0.4	4964.44	0.982717 mg/L	Y 371.029
Ni 221.648	0.983217	mg/L	0.002325	0.2	1971.97	0.983217 mg/L	Y 371.029
Ni 231.604	0.991943	mg/L	0.002811	0.3	3330.08	0.991943 mg/L	Y 371.029
P 177.434	0.521323	mg/L	0.011129	2.1	80.2847	0.521323 mg/L	Y 371.029
P 213.618	0.505254	mg/L	0.004340	0.9	343.629	0.505254 mg/L	Y 371.029
P 214.914	0.507925	mg/L	0.004215	0.8	94.3362	0.507925 mg/L	Y 371.029
Pb 220.353	0.968707	mg/L	0.002542	0.3	1057.29	0.968707 mg/L	Y 371.029
Pb 261.417	0.970062	mg/L	0.021477	2.2	496.774	0.970062 mg/L	Y 371.029
Pb 405.781	0.961194	mg/L	0.006206	0.6	1273.15	0.961194 mg/L	Y 371.029
Sb 206.834	0.858239	mg/L	0.008955	1.0	488.674	0.858239 mg/L	Y 371.029
Sb 231.146	0.902748	mg/L	0.023406	2.6	379.545	0.902748 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.035348	3.8	292.917	uncal mg/L	Y 371.029
Se 196.026	0.975214	mg/L	0.013479	1.4	288.352	0.975214 mg/L	Y 371.029
Se 203.985	0.990436	mg/L	0.010557	1.1	172.473	0.990436 mg/L	Y 371.029
Si 250.690	1.03281	mg/L	0.014374	1.4	1350.45	1.03281 mg/L	Y 371.029
Si 251.611	1.01080	mg/L	0.012220	1.2	1500.71	1.01080 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.007384	0.7	8243.25	uncal mg/L	Y 371.029
Sn 189.927	1.05400	mg/L	0.000339	0.0	315.593	1.05400 mg/L	Y 371.029
Sn 283.998	0.969551	mg/L	0.009270	1.0	1843.37	0.969551 mg/L	Y 371.029
Sr 216.596	0.471839	mg/L	0.002554	0.5	3701.86	0.471839 mg/L	Y 371.029
Sr 407.771	0.471414	mg/L	0.004103	0.9	1190238	0.471414 mg/L	Y 371.029
Sr 421.552	0.483969	mg/L	0.001294	0.3	793465	0.483969 mg/L	Y 371.029
Ti 334.941	0.508626	mg/L	0.001125	0.2	108832	0.508626 mg/L	Y 371.029
Ti 336.122	0.520074	mg/L	0.002404	0.5	46815.5	0.520074 mg/L	Y 371.029
Ti 337.280	0.512240	mg/L	0.002282	0.4	15650.6	0.512240 mg/L	Y 371.029
Tl 190.794	0.501622	mg/L	0.004492	0.9	176.189	0.501622 mg/L	Y 371.029
Tl 190.807	0.502264	mg/L	0.008163	1.6	88.1962	0.502264 mg/L	Y 371.029
Tl 351.923	0.529595	mg/L	0.001245	0.2	868.223	0.529595 mg/L	Y 371.029
V 268.796	0.493673	mg/L	0.001322	0.3	5236.49	0.493673 mg/L	Y 371.029
V 292.401	0.485120	mg/L	0.003087	0.6	14522.9	0.485120 mg/L	Y 371.029
V 311.837	0.486005	mg/L	0.001514	0.3	19821.3	0.486005 mg/L	Y 371.029
Zn 202.548	0.486637	mg/L	0.001331	0.3	4903.78	0.486637 mg/L	Y 371.029
Zn 206.200	0.484473	mg/L	0.001743	0.4	1603.81	0.484473 mg/L	Y 371.029
Zn 213.857	0.467819	mg/L	0.009205	2.0	9042.94	0.467819 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.965221	7739.89	101.943	1.3
Y 371.029	0.848133	139863	1886.431	1.3

SEQ-CCB6 (Samp) **4/28/2011, 10:43:50 AM** **Rack 1, Tube 58**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000558uv	mg/L	0.000538	96.6	501.587	0.000558 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001272	292.2	-2.92149	uncal mg/L	Y 371.029
Al 237.312	0.006114	mg/L	0.005236	85.6	55.7686	0.006114 mg/L	Y 371.029
Al 257.509	0.011939uv	mg/L	0.016101	134.9	25.5335	0.011939 mg/L	Y 371.029
Al 308.215	0.015860	mg/L	0.001636	10.3	1347.65	0.015860 mg/L	Y 371.029
As 188.980	0.005293	mg/L	0.001868	35.3	6.77032	0.005293 mg/L	Y 371.029
As 193.696	0.008585	mg/L	0.004354	50.7	5.14617	0.008585 mg/L	Y 371.029
As 228.812	0.001746	mg/L	0.002578	147.7	13.1653	0.001746 mg/L	Y 371.029
B 182.577	0.007414	mg/L	0.000520	7.0	7.15759	0.007414 mg/L	Y 371.029
B 249.678	0.006310	mg/L	0.002043	32.4	95.1524	0.006310 mg/L	Y 371.029
B 249.772	0.007503	mg/L	0.001958	26.1	187.403	0.007503 mg/L	Y 371.029
Ba 233.527	0.000125	mg/L	0.000041	33.3	179.536	0.000125 mg/L	Y 371.029
Ba 455.403	-0.000197uv	mg/L	0.000021	10.8	3836.87	-0.000197 mg/L	Y 371.029
Ba 493.408	-0.000054uv	mg/L	0.000017	32.1	2445.96	-0.000054 mg/L	Y 371.029
Be 234.861	0.000050	mg/L	0.000032	64.8	2.01170	0.000050 mg/L	Y 371.029
Be 313.042	0.000105	mg/L	0.000004	3.8	503.798	0.000105 mg/L	Y 371.029
Be 313.107	0.000006	mg/L	0.000008	117.4	80.7977	0.000006 mg/L	Y 371.029
Ca 393.366	-0.003100nuv	mg/L	0.000022	0.7	14815.3	-0.003100 mg/L	Y 371.029
Ca 396.847	-0.002389uv	mg/L	0.000025	1.0	24427.6	-0.002389 mg/L	Y 371.029
Ca 430.253	-0.006196uv	mg/L	0.001402	22.6	1173.20	-0.006196 mg/L	Y 371.029
Cd 214.439	0.000338	mg/L	0.000171	50.5	6.59401	0.000338 mg/L	Y 371.029
Cd 226.502	-0.000099uv	mg/L	0.000017	17.5	18.7713	-0.000099 mg/L	Y 371.029
Cd 228.802	0.000294uv	mg/L	0.000292	99.2	21.2866	0.000294 mg/L	Y 371.029
Co 228.615	0.001554	mg/L	0.000590	37.9	10.9358	0.001554 mg/L	Y 371.029
Co 230.786	0.000029uv	mg/L	0.000555	1936.4	6.17711	0.000029 mg/L	Y 371.029
Co 238.892	0.000220	mg/L	0.000257	117.1	5.26597	0.000220 mg/L	Y 371.029
Cr 205.560	0.000108uv	mg/L	0.000665	618.5	5.67870	0.000108 mg/L	Y 371.029
Cr 206.158	0.000972	mg/L	0.000767	78.9	3.09607	0.000972 mg/L	Y 371.029
Cr 267.716	-0.000158uv	mg/L	0.000336	212.3	22.9007	-0.000158 mg/L	Y 371.029
Cu 213.598	-0.000089uv	mg/L	0.000108	121.8	1.30578	-0.000089 mg/L	Y 371.029
Cu 324.754	-0.000623uv	mg/L	0.000282	45.3	325.747	-0.000623 mg/L	Y 371.029
Cu 327.395	0.000768	mg/L	0.000636	82.8	51.1611	0.000768 mg/L	Y 371.029
Fe 234.350	0.002852	mg/L	0.000536	18.8	38.3985	0.002852 mg/L	Y 371.029
Fe 238.204	0.002801	mg/L	0.001260	45.0	91.4493	0.002801 mg/L	Y 371.029
Fe 259.940	0.003028	mg/L	0.001153	38.1	99.4606	0.003028 mg/L	Y 371.029
Ga 287.423	0.002321uv	mg/L	0.002583	111.3	22.2170	0.002321 mg/L	Y 371.029
Ga 294.363	0.004096	mg/L	0.000746	18.2	28.6962	0.004096 mg/L	Y 371.029
Ga 417.204	-0.002557uv	mg/L	0.001431	56.0	89.6377	-0.002557 mg/L	Y 371.029
K 766.491	-0.001174uv	mg/L	0.000168	14.3	1947.17	-0.001174 mg/L	Y 371.029
K 769.897	0.001253	mg/L	0.001143	91.2	12508.6	0.001253 mg/L	Y 371.029
Li 610.365	0.011213	mg/L	0.000201	1.8	-9.52081	0.011213 mg/L	Y 371.029
Li 670.783	-0.002415uv	mg/L	0.000008	0.3	58720.4	-0.002415 mg/L	Y 371.029
Mg 279.078	-0.001042uv	mg/L	0.000506	48.5	11.9978	-0.001042 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	-0.000096uv	mg/L	0.000054	56.1	291.174	-0.000096 mg/L	Y 371.029
Mg 285.213	0.000617	mg/L	0.000015	2.5	82.6571	0.000617 mg/L	Y 371.029
Mn 257.610	-0.000116uv	mg/L	0.000013	11.5	-2.85863	-0.000116 mg/L	Y 371.029
Mn 259.372	-0.000125uv	mg/L	0.000059	47.5	48.4118	-0.000125 mg/L	Y 371.029
Mn 260.568	-0.000021uv	mg/L	0.000121	568.8	6.97735	-0.000021 mg/L	Y 371.029
Mo 202.032	0.021029	mg/L	0.002248	10.7	92.4665	0.021029 mg/L	Y 371.029
Mo 203.846	0.023662	mg/L	0.004133	17.5	37.0208	0.023662 mg/L	Y 371.029
Mo 204.598	0.020835	mg/L	0.001581	7.6	37.8536	0.020835 mg/L	Y 371.029
Na 568.821	0.581603	mg/L	0.026221	4.5	249.772	0.581603 mg/L	Y 371.029
Na 588.995	-0.250522uv	mg/L	0.000815	0.3	183897	-0.250522 mg/L	Y 371.029
Na 589.592	-0.097633uv	mg/L	0.000147	0.2	65462.8	-0.097633 mg/L	Y 371.029
Ni 216.555	0.000874	mg/L	0.000415	47.5	4.79478	0.000874 mg/L	Y 371.029
Ni 221.648	0.000666uv	mg/L	0.001192	178.9	3.52515	0.000666 mg/L	Y 371.029
Ni 231.604	0.000281uv	mg/L	0.000337	119.8	6.48041	0.000281 mg/L	Y 371.029
P 177.434	0.001731uv	mg/L	0.002151	124.3	3.01748	0.001731 mg/L	Y 371.029
P 213.618	0.000845uv	mg/L	0.002104	248.8	3.25037	0.000845 mg/L	Y 371.029
P 214.914	0.009627	mg/L	0.003753	39.0	4.42514	0.009627 mg/L	Y 371.029
Pb 220.353	0.000582uv	mg/L	0.002073	356.0	5.22086	0.000582 mg/L	Y 371.029
Pb 261.417	0.010175	mg/L	0.008373	82.3	20.5000	0.010175 mg/L	Y 371.029
Pb 405.781	-0.000061uv	mg/L	0.001123	1855.4	57.4605	-0.000061 mg/L	Y 371.029
Sb 206.834	0.042359	mg/L	0.001362	3.2	33.1432	0.042359 mg/L	Y 371.029
Sb 231.146	0.040000	mg/L	0.001347	3.4	23.5549	0.040000 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.014580	95.0	21.8988	uncal mg/L	Y 371.029
Se 196.026	0.008744	mg/L	0.004484	51.3	5.97243	0.008744 mg/L	Y 371.029
Se 203.985	0.015541	mg/L	0.008175	52.6	6.79844	0.015541 mg/L	Y 371.029
Si 250.690	0.002292	mg/L	0.000773	33.7	49.6570	0.002292 mg/L	Y 371.029
Si 251.611	0.003412	mg/L	0.001687	49.4	43.1996	0.003412 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001614	28.3	721.990	uncal mg/L	Y 371.029
Sn 189.927	0.000868uv	mg/L	0.003531	406.7	3.39727	0.000868 mg/L	Y 371.029
Sn 283.998	-0.002383uv	mg/L	0.004292	180.1	10.9042	-0.002383 mg/L	Y 371.029
Sr 216.596	0.000589	mg/L	0.000506	85.9	17.8265	0.000589 mg/L	Y 371.029
Sr 407.771	-0.000089uv	mg/L	0.000002	2.4	5197.95	-0.000089 mg/L	Y 371.029
Sr 421.552	-0.000061uv	mg/L	0.000007	11.5	3174.71	-0.000061 mg/L	Y 371.029
Ti 334.941	0.001448	mg/L	0.000205	14.2	384.860	0.001448 mg/L	Y 371.029
Ti 336.122	0.001611	mg/L	0.000366	22.7	173.288	0.001611 mg/L	Y 371.029
Ti 337.280	0.001457	mg/L	0.000210	14.4	28.9277	0.001457 mg/L	Y 371.029
Tl 190.794	0.003854uv	mg/L	0.005048	131.0	3.76348	0.003854 mg/L	Y 371.029
Tl 190.807	0.007468	mg/L	0.005330	71.4	1.18248	0.007468 mg/L	Y 371.029
Tl 351.923	-0.011422uv	mg/L	0.005576	48.8	7.67486	-0.011422 mg/L	Y 371.029
V 268.796	0.000354	mg/L	0.000826	233.4	47.3092	0.000354 mg/L	Y 371.029
V 292.401	-0.000282uv	mg/L	0.000206	72.8	36.3884	-0.000282 mg/L	Y 371.029
V 311.837	0.000478	mg/L	0.000096	20.0	8.87109	0.000478 mg/L	Y 371.029
Zn 202.548	-0.001773uv	mg/L	0.000088	5.0	598.245	-0.001773 mg/L	Y 371.029
Zn 206.200	-0.000616uv	mg/L	0.000216	35.1	196.635	-0.000616 mg/L	Y 371.029
Zn 213.857	-0.003362uv	mg/L	0.000495	14.7	1101.42	-0.003362 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.948480	7605.66	25.971	0.3
Y 371.029	0.836278	137908	472.189	0.3

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11D1170-01 (Samp) **4/28/2011, 10:49:32 AM** **Rack 1, Tube 59**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001179	mg/L	0.000459	38.9	538.081	0.011788 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000513	72.0	-2.18486	uncal mg/L	Y 371.029
Al 237.312	1.64781	mg/L	0.007225	0.4	2070.80	16.4781 mg/L	Y 371.029
Al 257.509	1.69995	mg/L	0.010952	0.6	987.004	16.9995 mg/L	Y 371.029
Al 308.215	1.73842	mg/L	0.003247	0.2	11536.8	17.3842 mg/L	Y 371.029
As 188.980	0.005274uv	mg/L	0.007048	133.6	6.72532	0.052745 mg/L	Y 371.029
As 193.696	0.002644uv	mg/L	0.003391	128.2	2.74514	0.026441 mg/L	Y 371.029
As 228.812	-0.003918uv	mg/L	0.004382	111.8	7.88281	-0.039176 mg/L	Y 371.029
B 182.577	0.004799	mg/L	0.000836	17.4	6.23052	0.047991 mg/L	Y 371.029
B 249.678	0.001497	mg/L	0.000291	19.5	58.9635	0.014975 mg/L	Y 371.029
B 249.772	0.002276	mg/L	0.000419	18.4	173.242	0.022764 mg/L	Y 371.029
Ba 233.527	0.094178	mg/L	0.000269	0.3	3791.36	0.941776 mg/L	Y 371.029
Ba 455.403	0.090287	mg/L	0.000146	0.2	83042.2	0.902874 mg/L	Y 371.029
Ba 493.408	0.094488	mg/L	0.000036	0.0	53160.0	0.944880 mg/L	Y 371.029
Be 234.861	0.000335	mg/L	0.000043	12.8	8.59175	0.003353 mg/L	Y 371.029
Be 313.042	0.000149	mg/L	0.000004	2.7	575.920	0.001493 mg/L	Y 371.029
Be 313.107	-0.000000uv	mg/L	0.000009	2596.1	74.6558	-0.000004 mg/L	Y 371.029
Ca 393.366	4.61672n	mg/L	0.070901	1.5	5434124	46.1672 mg/L	Y 371.029
Ca 396.847	4.49814	mg/L	0.009145	0.2	8930121	44.9814 mg/L	Y 371.029
Ca 430.253	4.78215	mg/L	0.006544	0.1	21510.4	47.8214 mg/L	Y 371.029
Cd 214.439	0.000383	mg/L	0.000236	61.7	8.12040	0.003831 mg/L	Y 371.029
Cd 226.502	0.000122	mg/L	0.000087	70.7	38.9284	0.001224 mg/L	Y 371.029
Cd 228.802	0.000439	mg/L	0.000169	38.5	22.8746	0.004385 mg/L	Y 371.029
Co 228.615	-0.000097	mg/L	0.000677	696.7	15.8922	-0.000972 mg/L	Y 371.029
Co 230.786	-0.001241	mg/L	0.000403	32.5	13.4601	-0.012410 mg/L	Y 371.029
Co 238.892	0.004951uv	mg/L	0.000109	2.2	1.06335	0.049510 mg/L	Y 371.029
Cr 205.560	0.010565	mg/L	0.000289	2.7	53.4755	0.105647 mg/L	Y 371.029
Cr 206.158	0.011615	mg/L	0.001186	10.2	22.7996	0.116146 mg/L	Y 371.029
Cr 267.716	0.011763	mg/L	0.000059	0.5	308.261	0.117628 mg/L	Y 371.029
Cu 213.598	0.082379	mg/L	0.000443	0.5	331.975	0.823788 mg/L	Y 371.029
Cu 324.754	0.078945	mg/L	0.000183	0.2	2880.13	0.789448 mg/L	Y 371.029
Cu 327.395	0.077701	mg/L	0.000086	0.1	3380.79	0.777009 mg/L	Y 371.029
Fe 234.350	4.95351	mg/L	0.030283	0.6	42739.3	49.5351 mg/L	Y 371.029
Fe 238.204	4.81691	mg/L	0.047774	1.0	85668.8	48.1691 mg/L	Y 371.029
Fe 259.940	4.92964	mg/L	0.046105	0.9	72343.3	49.2964 mg/L	Y 371.029
Ga 287.423	-0.009233	mg/L	0.001401	15.2	82.7757	-0.092325 mg/L	Y 371.029
Ga 294.363	0.003324	mg/L	0.000735	22.1	27.8484	0.033244 mg/L	Y 371.029
Ga 417.204	-0.002860	mg/L	0.001640	57.3	137.319	-0.028599 mg/L	Y 371.029
K 766.491	2.59599	mg/L	0.001056	0.0	180010	25.9599 mg/L	Y 371.029
K 769.897	2.46910	mg/L	0.000980	0.0	152382	24.6910 mg/L	Y 371.029
Li 610.365	0.011430	mg/L	0.000342	3.0	1.33899	0.114295 mg/L	Y 371.029
Li 670.783	-0.002058uv	mg/L	0.000022	1.0	60482.7	-0.020580 mg/L	Y 371.029
Mg 279.078	1.61796	mg/L	0.001201	0.1	2618.83	16.1796 mg/L	Y 371.029
Mg 280.270	1.61272	mg/L	0.008201	0.5	159610	16.1272 mg/L	Y 371.029
Mg 285.213	1.60926	mg/L	0.009101	0.6	57045.9	16.0926 mg/L	Y 371.029
Mn 257.610	0.034465	mg/L	0.000099	0.3	5600.91	0.344651 mg/L	Y 371.029
Mn 259.372	0.035994	mg/L	0.000173	0.5	4852.42	0.359943 mg/L	Y 371.029
Mn 260.568	0.037224	mg/L	0.000282	0.8	719.541	0.372242 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.006180	mg/L	0.001767	28.6	44.9981	0.061798 mg/L	Y 371.029
Mo 203.846	0.009210	mg/L	0.000613	6.7	17.3395	0.092102 mg/L	Y 371.029
Mo 204.598	0.006539	mg/L	0.001874	28.7	15.5727	0.065395 mg/L	Y 371.029
Na 568.821	1.24635	mg/L	0.100774	8.1	429.266	12.4635 mg/L	Y 371.029
Na 588.995	0.598843	mg/L	0.001403	0.2	661501	5.98843 mg/L	Y 371.029
Na 589.592	0.678919	mg/L	0.000444	0.1	300329	6.78919 mg/L	Y 371.029
Ni 216.555	-0.000068	mg/L	0.000507	747.9	22.4345	-0.000678 mg/L	Y 371.029
Ni 221.648	-0.000881	mg/L	0.000917	104.1	8.90768	-0.008814 mg/L	Y 371.029
Ni 231.604	0.000541	mg/L	0.000674	124.7	21.5320	0.005409 mg/L	Y 371.029
P 177.434	8.30888	mg/L	0.022746	0.3	1234.04	83.0888 mg/L	Y 371.029
P 213.618	8.26971	mg/L	0.037015	0.4	5394.34	82.6971 mg/L	Y 371.029
P 214.914	8.19890	mg/L	0.027703	0.3	1395.69	81.9890 mg/L	Y 371.029
Pb 220.353	0.006184	mg/L	0.002944	47.6	11.4151	0.061845 mg/L	Y 371.029
Pb 261.417	0.001273uv	mg/L	0.006809	535.0	15.6367	0.012727 mg/L	Y 371.029
Pb 405.781	-0.003365uv	mg/L	0.006677	198.4	56.0384	-0.033650 mg/L	Y 371.029
Sb 206.834	0.021737	mg/L	0.002428	11.2	22.5026	0.217372 mg/L	Y 371.029
Sb 231.146	0.010792	mg/L	0.008001	74.1	13.0982	0.107918 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.012425	20.2	5.74026	uncal mg/L	Y 371.029
Se 196.026	0.000927uv	mg/L	0.001665	179.7	3.67943	0.009266 mg/L	Y 371.029
Se 203.985	0.005435uv	mg/L	0.006842	125.9	5.10855	0.054348 mg/L	Y 371.029
Si 250.690	1.23521	mg/L	0.003553	0.3	1599.29	12.3521 mg/L	Y 371.029
Si 251.611	1.21405	mg/L	0.005438	0.4	1772.81	12.1405 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.005674	0.5	9676.99	uncal mg/L	Y 371.029
Sn 189.927	0.006614	mg/L	0.001745	26.4	5.14782	0.066144 mg/L	Y 371.029
Sn 283.998	0.003601	mg/L	0.000237	6.6	32.4315	0.036012 mg/L	Y 371.029
Sr 216.596	0.025074	mg/L	0.000396	1.6	218.318	0.250743 mg/L	Y 371.029
Sr 407.771	0.025522	mg/L	0.000034	0.1	69854.3	0.255221 mg/L	Y 371.029
Sr 421.552	0.026169	mg/L	0.000053	0.2	46199.4	0.261691 mg/L	Y 371.029
Ti 334.941	0.072365	mg/L	0.002434	3.4	15625.0	0.723653 mg/L	Y 371.029
Ti 336.122	0.073851	mg/L	0.002582	3.5	6700.81	0.738514 mg/L	Y 371.029
Ti 337.280	0.073097	mg/L	0.001974	2.7	2230.04	0.730973 mg/L	Y 371.029
Tl 190.794	-0.000690uv	mg/L	0.002091	303.0	2.23929	-0.006901 mg/L	Y 371.029
Tl 190.807	0.009160	mg/L	0.002054	22.4	1.38172	0.091604 mg/L	Y 371.029
Tl 351.923	-0.011377uv	mg/L	0.000566	5.0	7.89937	-0.113775 mg/L	Y 371.029
V 268.796	0.002767	mg/L	0.000532	19.2	61.1064	0.027668 mg/L	Y 371.029
V 292.401	0.001971	mg/L	0.000386	19.6	137.786	0.019714 mg/L	Y 371.029
V 311.837	0.001435	mg/L	0.000351	24.5	84.7138	0.014345 mg/L	Y 371.029
Zn 202.548	0.142431	mg/L	0.001124	0.8	1865.22	1.42431 mg/L	Y 371.029
Zn 206.200	0.142995	mg/L	0.001529	1.1	613.745	1.42995 mg/L	Y 371.029
Zn 213.857	0.139713	mg/L	0.000745	0.5	3491.81	1.39713 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.949802	7616.25	22.068	0.3
Y 371.029	0.839387	138421	417.223	0.3

11D1172-01 (Samp)	**4/28/2011, 10:53:30 AM**	**Rack 1, Tube 60**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 10**

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000188uvb	mg/L	0.000166	88.4	423.870	-0.001881 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000020	3.6	-6.38272	uncal mg/L	Y 371.029
Al 237.312	99.8892b	mg/L	0.122590	0.1	122620	998.892 mg/L	Y 371.029
Al 257.509	105.371b	mg/L	1.28161	1.2	60038.0	1053.71 mg/L	Y 371.029
Al 308.215	104.230b	mg/L	0.225938	0.2	618525	1042.30 mg/L	Y 371.029
As 188.980	0.003500b	mg/L	0.001131	32.3	7.96285	0.034996 mg/L	Y 371.029
As 193.696	-0.002455b	mg/L	0.001786	72.7	5.11364	-0.024553 mg/L	Y 371.029
As 228.812	0.020373b	mg/L	0.002572	12.6	15.0812	0.203727 mg/L	Y 371.029
B 182.577	0.003170b	mg/L	0.000797	25.2	8.32873	0.031698 mg/L	Y 371.029
B 249.678	-0.004304b	mg/L	0.000811	18.8	129.451	-0.043043 mg/L	Y 371.029
B 249.772	-0.001997b	mg/L	0.000068	3.4	3643.32	-0.019975 mg/L	Y 371.029
Ba 233.527	0.254222b	mg/L	0.000636	0.3	10086.5	2.54222 mg/L	Y 371.029
Ba 455.403	0.249254b	mg/L	0.000299	0.1	223039	2.49254 mg/L	Y 371.029
Ba 493.408	0.253826b	mg/L	0.000233	0.1	140029	2.53826 mg/L	Y 371.029
Be 234.861	0.005965uvb	mg/L	0.000348	5.8	-713.096	0.059652 mg/L	Y 371.029
Be 313.042	0.004959b	mg/L	0.000003	0.1	8780.93	0.049585 mg/L	Y 371.029
Be 313.107	0.004766b	mg/L	0.000009	0.2	4021.64	0.047660 mg/L	Y 371.029
Ca 393.366	6.67581nb	mg/L	0.009349	0.1	7871005	66.7581 mg/L	Y 371.029
Ca 396.847	6.79820b	mg/L	0.009004	0.1	13518611	67.9820 mg/L	Y 371.029
Ca 430.253	6.92341b	mg/L	0.015920	0.2	31668.7	69.2341 mg/L	Y 371.029
Cd 214.439	-0.000409b	mg/L	0.000093	22.7	25.9892	-0.004095 mg/L	Y 371.029
Cd 226.502	-0.002393b	mg/L	0.000008	0.3	528.219	-0.023933 mg/L	Y 371.029
Cd 228.802	0.001391uvb	mg/L	0.000411	29.6	12.4708	0.013914 mg/L	Y 371.029
Co 228.615	-0.060894b	mg/L	0.000468	0.8	421.509	-0.608940 mg/L	Y 371.029
Co 230.786	-0.062089b	mg/L	0.000594	1.0	400.129	-0.620887 mg/L	Y 371.029
Co 238.892	0.048813uvb	mg/L	0.004757	9.7	-1355.20	0.488127 mg/L	Y 371.029
Cr 205.560	0.079901b	mg/L	0.000360	0.5	620.690	0.799010 mg/L	Y 371.029
Cr 206.158	0.082313b	mg/L	0.001193	1.4	257.443	0.823131 mg/L	Y 371.029
Cr 267.716	0.087828b	mg/L	0.000363	0.4	3454.04	0.878284 mg/L	Y 371.029
Cu 213.598	0.134073b	mg/L	0.001534	1.1	1058.29	1.34073 mg/L	Y 371.029
Cu 324.754	0.121643b	mg/L	0.000535	0.4	5543.87	1.21643 mg/L	Y 371.029
Cu 327.395	0.108234b	mg/L	0.000112	0.1	7319.85	1.08234 mg/L	Y 371.029
Fe 234.350	-xb	mg/L	0.323789	0.1	2244668	- mg/L	Y 371.029
Fe 238.204	-xb	mg/L	0.441693	0.2	4176960	- mg/L	Y 371.029
Fe 259.940	-xb	mg/L	1.38293	0.6	3546532	- mg/L	Y 371.029
Ga 287.423	-0.294366b	mg/L	0.001005	0.3	3892.70	-2.94366 mg/L	Y 371.029
Ga 294.363	0.025903b	mg/L	0.000909	3.5	391.108	0.259029 mg/L	Y 371.029
Ga 417.204	0.025604b	mg/L	0.001198	4.7	1358.31	0.256035 mg/L	Y 371.029
K 766.491	6.36935b	mg/L	0.010440	0.2	439494	63.6935 mg/L	Y 371.029
K 769.897	6.15829b	mg/L	0.009868	0.2	361839	61.5829 mg/L	Y 371.029
Li 610.365	0.011725b	mg/L	0.000220	1.9	16.1134	0.117248 mg/L	Y 371.029
Li 670.783	0.008705b	mg/L	0.000050	0.6	107708	0.087054 mg/L	Y 371.029
Mg 279.078	12.2022b	mg/L	0.019028	0.2	19753.4	122.022 mg/L	Y 371.029
Mg 280.270	11.8989b	mg/L	0.037723	0.3	1176058	118.989 mg/L	Y 371.029
Mg 285.213	12.9208b	mg/L	0.047983	0.4	457612	129.208 mg/L	Y 371.029
Mn 257.610	0.079838b	mg/L	0.003475	4.4	48387.0	0.798377 mg/L	Y 371.029
Mn 259.372	0.202107b	mg/L	0.005839	2.9	70405.8	2.02107 mg/L	Y 371.029
Mn 260.568	0.271129b	mg/L	0.001181	0.4	6115.37	2.71129 mg/L	Y 371.029
Mo 202.032	-0.018838uvb	mg/L	0.000492	2.6	18.0604	-0.188381 mg/L	Y 371.029
Mo 203.846	-0.026288b	mg/L	0.000633	2.4	15.0530	-0.262884 mg/L	Y 371.029
Mo 204.598	-0.024334b	mg/L	0.000748	3.1	18.5293	-0.243335 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	0.654019b	mg/L	0.147981	22.6	298.508	6.54019 mg/L	Y 371.029
Na 588.995	0.189350b	mg/L	0.002270	1.2	450988	1.89350 mg/L	Y 371.029
Na 589.592	0.292377b	mg/L	0.000979	0.3	199526	2.92377 mg/L	Y 371.029
Ni 216.555	-0.140410b	mg/L	0.000388	0.3	461.792	-1.40410 mg/L	Y 371.029
Ni 221.648	-0.152955b	mg/L	0.000416	0.3	139.416	-1.52955 mg/L	Y 371.029
Ni 231.604	-0.147264b	mg/L	0.000131	0.1	235.251	-1.47264 mg/L	Y 371.029
P 177.434	1.41411b	mg/L	0.005696	0.4	219.476	14.1411 mg/L	Y 371.029
P 213.618	1.37744b	mg/L	0.007347	0.5	933.867	13.7744 mg/L	Y 371.029
P 214.914	1.38909b	mg/L	0.028530	2.1	270.588	13.8909 mg/L	Y 371.029
Pb 220.353	0.052392b	mg/L	0.002124	4.1	61.0985	0.523918 mg/L	Y 371.029
Pb 261.417	0.095591b	mg/L	0.044217	46.3	39.5959	0.955910 mg/L	Y 371.029
Pb 405.781	-0.072843uvb	mg/L	0.009644	13.2	9.12345	-0.728425 mg/L	Y 371.029
Sb 206.834	-0.026922b	mg/L	0.002547	9.5	18.8997	-0.269217 mg/L	Y 371.029
Sb 231.146	-0.108989b	mg/L	0.006517	6.0	18.0431	-1.08989 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.202252	26.3	104.835	uncal mg/L	Y 371.029
Se 196.026	0.019837uvb	mg/L	0.004090	20.6	1.91398	0.198371 mg/L	Y 371.029
Se 203.985	0.029620uvb	mg/L	0.014765	49.8	3.93032	0.296202 mg/L	Y 371.029
Si 250.690	2.14898b	mg/L	0.022197	1.0	2890.45	21.4898 mg/L	Y 371.029
Si 251.611	2.13304b	mg/L	0.020640	1.0	3201.90	21.3304 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.019331	0.9	17023.6	uncal mg/L	Y 371.029
Sn 189.927	-0.012291uvb	mg/L	0.004465	36.3	3.19504	-0.122907 mg/L	Y 371.029
Sn 283.998	-0.086755b	mg/L	0.004551	5.2	78.8576	-0.867552 mg/L	Y 371.029
Sr 216.596	0.056224b	mg/L	0.000350	0.6	879.166	0.562237 mg/L	Y 371.029
Sr 407.771	0.073820b	mg/L	0.000076	0.1	191323	0.738205 mg/L	Y 371.029
Sr 421.552	0.075461b	mg/L	0.000191	0.3	127206	0.754611 mg/L	Y 371.029
Ti 334.941	0.502323b	mg/L	0.004963	1.0	112232	5.02323 mg/L	Y 371.029
Ti 336.122	0.527697b	mg/L	0.003945	0.7	49385.3	5.27697 mg/L	Y 371.029
Ti 337.280	0.522729b	mg/L	0.004511	0.9	16568.4	5.22729 mg/L	Y 371.029
Tl 190.794	-0.008779uvb	mg/L	0.000970	11.1	2.19692	-0.087789 mg/L	Y 371.029
Tl 190.807	0.012162b	mg/L	0.002912	23.9	1.96338	0.121616 mg/L	Y 371.029
Tl 351.923	0.001171uvb	mg/L	0.001785	152.4	11.9769	0.011712 mg/L	Y 371.029
V 268.796	0.465127b	mg/L	0.001291	0.3	4297.02	4.65127 mg/L	Y 371.029
V 292.401	0.445803b	mg/L	0.000873	0.2	15037.7	4.45803 mg/L	Y 371.029
V 311.837	0.446641b	mg/L	0.000420	0.1	20164.2	4.46641 mg/L	Y 371.029
Zn 202.548	0.106628b	mg/L	0.000867	0.8	1768.42	1.06628 mg/L	Y 371.029
Zn 206.200	0.108321b	mg/L	0.000341	0.3	572.201	1.08321 mg/L	Y 371.029
Zn 213.857	0.102580b	mg/L	0.000112	0.1	3560.86	1.02580 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00771	8080.60	21.792	0.3
Y 371.029	0.890990	146931	209.823	0.1

11D1172-02 (Samp) **4/28/2011, 10:57:42 AM** **Rack 3, Tube 1**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000295uv	mg/L	0.000276	93.8	485.674	0.002946 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001763	865.7	-4.78238	uncal mg/L	Y 371.029
Al 237.312	85.6079	mg/L	0.215350	0.3	105163	856.079 mg/L	Y 371.029
Al 257.509	89.4140	mg/L	1.81655	2.0	50954.8	894.140 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	91.0360	mg/L	0.509362	0.6	540540	910.360 mg/L	Y 371.029
As 188.980	0.020213	mg/L	0.003643	18.0	12.9442	0.202132 mg/L	Y 371.029
As 193.696	0.009569	mg/L	0.004512	47.2	7.89727	0.095692 mg/L	Y 371.029
As 228.812	0.011364	mg/L	0.002474	21.8	15.5910	0.113640 mg/L	Y 371.029
B 182.577	0.003090	mg/L	0.001071	34.7	6.97597	0.030899 mg/L	Y 371.029
B 249.678	-0.003558	mg/L	0.000876	24.6	74.5627	-0.035579 mg/L	Y 371.029
B 249.772	-0.003335	mg/L	0.001619	48.6	1362.60	-0.033349 mg/L	Y 371.029
Ba 233.527	0.176404	mg/L	0.000650	0.4	7024.61	1.76404 mg/L	Y 371.029
Ba 455.403	0.169640	mg/L	0.000584	0.3	153274	1.69640 mg/L	Y 371.029
Ba 493.408	0.172965	mg/L	0.000305	0.2	96031.7	1.72965 mg/L	Y 371.029
Be 234.861	0.001669uv	mg/L	0.000382	22.9	-322.079	0.016688 mg/L	Y 371.029
Be 313.042	0.001677	mg/L	0.000012	0.7	3174.43	0.016773 mg/L	Y 371.029
Be 313.107	0.001540	mg/L	0.000007	0.4	1344.02	0.015398 mg/L	Y 371.029
Ca 393.366	4.89708n	mg/L	0.030431	0.6	5771255	48.9708 mg/L	Y 371.029
Ca 396.847	4.88114	mg/L	0.018830	0.4	9707125	48.8114 mg/L	Y 371.029
Ca 430.253	5.00417	mg/L	0.021135	0.4	22893.7	50.0417 mg/L	Y 371.029
Cd 214.439	0.000219	mg/L	0.000142	64.9	15.8834	0.002189 mg/L	Y 371.029
Cd 226.502	-0.001092	mg/L	0.000020	1.8	204.383	-0.010922 mg/L	Y 371.029
Cd 228.802	0.000319uv	mg/L	0.000192	60.1	14.1477	0.003186 mg/L	Y 371.029
Co 228.615	-0.021894	mg/L	0.000618	2.8	168.764	-0.218945 mg/L	Y 371.029
Co 230.786	-0.022444	mg/L	0.001171	5.2	152.869	-0.224436 mg/L	Y 371.029
Co 238.892	0.020438uv	mg/L	0.002846	13.9	-479.689	0.204377 mg/L	Y 371.029
Cr 205.560	0.074435	mg/L	0.000140	0.2	476.757	0.744345 mg/L	Y 371.029
Cr 206.158	0.077546	mg/L	0.001096	1.4	198.419	0.775459 mg/L	Y 371.029
Cr 267.716	0.080097	mg/L	0.000082	0.1	2654.00	0.800973 mg/L	Y 371.029
Cu 213.598	0.015802	mg/L	0.002420	15.3	265.117	0.158015 mg/L	Y 371.029
Cu 324.754	0.016621	mg/L	0.000251	1.5	1356.28	0.166211 mg/L	Y 371.029
Cu 327.395	0.010475	mg/L	0.001092	10.4	1519.00	0.104747 mg/L	Y 371.029
Fe 234.350	95.3609	mg/L	0.736115	0.8	823860	953.609 mg/L	Y 371.029
Fe 238.204	90.2804	mg/L	0.232640	0.3	1607722	902.804 mg/L	Y 371.029
Fe 259.940	92.8585	mg/L	1.05994	1.1	1364225	928.585 mg/L	Y 371.029
Ga 287.423	-0.131943	mg/L	0.006280	4.8	1408.17	-1.31943 mg/L	Y 371.029
Ga 294.363	0.018172	mg/L	0.000675	3.7	213.097	0.181724 mg/L	Y 371.029
Ga 417.204	0.010097	mg/L	0.001006	10.0	932.120	0.100970 mg/L	Y 371.029
K 766.491	4.42414	mg/L	0.012770	0.3	305724	44.2414 mg/L	Y 371.029
K 769.897	4.24515	mg/L	0.009977	0.2	253237	42.4515 mg/L	Y 371.029
Li 610.365	0.034706	mg/L	0.000577	1.7	1166.00	0.347064 mg/L	Y 371.029
Li 670.783	0.054295	mg/L	0.000192	0.4	259339	0.542946 mg/L	Y 371.029
Mg 279.078	5.98642	mg/L	0.028890	0.5	9691.48	59.8642 mg/L	Y 371.029
Mg 280.270	6.02625	mg/L	0.037022	0.6	595852	60.2625 mg/L	Y 371.029
Mg 285.213	6.11707	mg/L	0.085303	1.4	216730	61.1707 mg/L	Y 371.029
Mn 257.610	0.129818	mg/L	0.006001	4.6	49373.5	1.29818 mg/L	Y 371.029
Mn 259.372	0.268153	mg/L	0.006880	2.6	49122.5	2.68153 mg/L	Y 371.029
Mn 260.568	0.298194	mg/L	0.000234	0.1	6313.36	2.98194 mg/L	Y 371.029
Mo 202.032	-0.023907	mg/L	0.000403	1.7	33.9466	-0.239072 mg/L	Y 371.029
Mo 203.846	-0.025825	mg/L	0.001298	5.0	16.8786	-0.258247 mg/L	Y 371.029
Mo 204.598	-0.024816	mg/L	0.000136	0.5	19.2048	-0.248159 mg/L	Y 371.029
Na 568.821	0.623887	mg/L	0.042427	6.8	279.647	6.23887 mg/L	Y 371.029
Na 588.995	-0.118559uv	mg/L	0.003507	3.0	268324	-1.18559 mg/L	Y 371.029
Na 589.592	0.015959	mg/L	0.000460	2.9	107387	0.159593 mg/L	Y 371.029
Ni 216.555	-0.039193	mg/L	0.000502	1.3	243.836	-0.391934 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	-0.045449	mg/L	0.000894	2.0	79.9406	-0.454494 mg/L	Y 371.029
Ni 231.604	-0.041139	mg/L	0.000464	1.1	140.859	-0.411395 mg/L	Y 371.029
P 177.434	0.624735	mg/L	0.001443	0.2	97.6533	6.24735 mg/L	Y 371.029
P 213.618	0.602592	mg/L	0.009346	1.6	409.323	6.02592 mg/L	Y 371.029
P 214.914	0.591502	mg/L	0.017314	2.9	115.006	5.91502 mg/L	Y 371.029
Pb 220.353	0.042751	mg/L	0.004102	9.6	50.2589	0.427506 mg/L	Y 371.029
Pb 261.417	0.021008uv	mg/L	0.015144	72.1	17.3312	0.210082 mg/L	Y 371.029
Pb 405.781	-0.026052uv	mg/L	0.015412	59.2	54.0593	-0.260523 mg/L	Y 371.029
Sb 206.834	-0.021914	mg/L	0.003284	15.0	12.3332	-0.219139 mg/L	Y 371.029
Sb 231.146	-0.107842	mg/L	0.006364	5.9	11.3905	-1.07842 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.015469	3.2	9.21204	uncal mg/L	Y 371.029
Se 196.026	0.004043uv	mg/L	0.002736	67.7	1.62109	0.040435 mg/L	Y 371.029
Se 203.985	0.005702uv	mg/L	0.004101	71.9	4.20422	0.057021 mg/L	Y 371.029
Si 250.690	1.71799	mg/L	0.016750	1.0	2286.27	17.1799 mg/L	Y 371.029
Si 251.611	1.69812	mg/L	0.022894	1.3	2540.46	16.9812 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.027356	1.6	13614.7	uncal mg/L	Y 371.029
Sn 189.927	-0.006119uv	mg/L	0.001729	28.3	3.20592	-0.061193 mg/L	Y 371.029
Sn 283.998	-0.048611	mg/L	0.002100	4.3	75.2474	-0.486111 mg/L	Y 371.029
Sr 216.596	0.017632	mg/L	0.000398	2.3	308.376	0.176316 mg/L	Y 371.029
Sr 407.771	0.024560	mg/L	0.000132	0.5	67463.2	0.245605 mg/L	Y 371.029
Sr 421.552	0.024955	mg/L	0.000186	0.7	44435.2	0.249550 mg/L	Y 371.029
Ti 334.941	0.794634	mg/L	0.001162	0.1	172583	7.94634 mg/L	Y 371.029
Ti 336.122	0.821017	mg/L	0.002601	0.3	74923.0	8.21017 mg/L	Y 371.029
Ti 337.280	0.809585	mg/L	0.002384	0.3	25060.3	8.09585 mg/L	Y 371.029
Tl 190.794	-0.004926uv	mg/L	0.001090	22.1	1.63957	-0.049258 mg/L	Y 371.029
Tl 190.807	0.008084	mg/L	0.005666	70.1	1.18240	0.080838 mg/L	Y 371.029
Tl 351.923	-0.002658uv	mg/L	0.000928	34.9	12.5585	-0.026579 mg/L	Y 371.029
V 268.796	0.150411	mg/L	0.002010	1.3	1492.47	1.50411 mg/L	Y 371.029
V 292.401	0.144885	mg/L	0.002578	1.8	5209.34	1.44885 mg/L	Y 371.029
V 311.837	0.140875	mg/L	0.001182	0.8	6704.59	1.40875 mg/L	Y 371.029
Zn 202.548	0.070459	mg/L	0.000155	0.2	1357.11	0.704585 mg/L	Y 371.029
Zn 206.200	0.071910	mg/L	0.001377	1.9	445.308	0.719096 mg/L	Y 371.029
Zn 213.857	0.068493	mg/L	0.000623	0.9	2648.99	0.684927 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.956885	7673.05	22.560	0.3
Y 371.029	0.841568	138780	414.489	0.3

11D1172-03 (Samp) **4/28/2011, 11:01:38 AM** **Rack 3, Tube 2**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000056uv	mg/L	0.000071	125.9	473.088	-0.000560 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000921	537.1	-4.40445	uncal mg/L	Y 371.029
Al 237.312	86.7562	mg/L	0.087538	0.1	106572	867.562 mg/L	Y 371.029
Al 257.509	90.8071	mg/L	0.277666	0.3	51748.7	908.071 mg/L	Y 371.029
Al 308.215	92.3685	mg/L	0.049707	0.1	548406	923.685 mg/L	Y 371.029
As 188.980	0.004286	mg/L	0.001083	25.3	7.37501	0.042865 mg/L	Y 371.029
As 193.696	-0.002190	mg/L	0.003917	178.8	3.11929	-0.021902 mg/L	Y 371.029
As 228.812	0.011232	mg/L	0.001024	9.1	14.6795	0.112317 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.009818	mg/L	0.000852	8.7	9.98033	0.098182 mg/L	Y 371.029
B 249.678	0.005602	mg/L	0.001118	20.0	156.669	0.056024 mg/L	Y 371.029
B 249.772	0.007069	mg/L	0.002252	31.9	1661.78	0.070685 mg/L	Y 371.029
Ba 233.527	0.443814	mg/L	0.000528	0.1	17286.5	4.43814 mg/L	Y 371.029
Ba 455.403	0.433719	mg/L	0.000462	0.1	384330	4.33719 mg/L	Y 371.029
Ba 493.408	0.441826	mg/L	0.000617	0.1	240185	4.41826 mg/L	Y 371.029
Be 234.861	0.003316uv	mg/L	0.000100	3.0	-180.437	0.033157 mg/L	Y 371.029
Be 313.042	0.004562	mg/L	0.000008	0.2	8040.58	0.045618 mg/L	Y 371.029
Be 313.107	0.004412	mg/L	0.000012	0.3	3735.13	0.044123 mg/L	Y 371.029
Ca 393.366	5.60737n	mg/L	0.011288	0.2	6609632	56.0737 mg/L	Y 371.029
Ca 396.847	5.66149	mg/L	0.013718	0.2	11258555	56.6149 mg/L	Y 371.029
Ca 430.253	5.82866	mg/L	0.013825	0.2	26477.9	58.2866 mg/L	Y 371.029
Cd 214.439	0.000798	mg/L	0.000350	43.8	27.7816	0.007983 mg/L	Y 371.029
Cd 226.502	-0.000723	mg/L	0.000089	12.3	240.610	-0.007233 mg/L	Y 371.029
Cd 228.802	0.000773uv	mg/L	0.000181	23.5	19.4016	0.007732 mg/L	Y 371.029
Co 228.615	-0.007005	mg/L	0.000539	7.7	335.651	-0.070045 mg/L	Y 371.029
Co 230.786	-0.007260	mg/L	0.000532	7.3	273.452	-0.072601 mg/L	Y 371.029
Co 238.892	-0.190397uv	mg/L	0.001486	0.8	-1722.75	-1.90397 mg/L	Y 371.029
Cr 205.560	0.081256	mg/L	0.000224	0.3	512.009	0.812557 mg/L	Y 371.029
Cr 206.158	0.084130	mg/L	0.001993	2.4	212.504	0.841302 mg/L	Y 371.029
Cr 267.716	0.086675	mg/L	0.000588	0.7	2837.37	0.866749 mg/L	Y 371.029
Cu 213.598	0.078104	mg/L	0.001828	2.3	527.347	0.781040 mg/L	Y 371.029
Cu 324.754	0.077197	mg/L	0.000166	0.2	3321.00	0.771969 mg/L	Y 371.029
Cu 327.395	0.069869	mg/L	0.000189	0.3	4152.93	0.698688 mg/L	Y 371.029
Fe 234.350	104.772	mg/L	0.129668	0.1	905021	1047.72 mg/L	Y 371.029
Fe 238.204	100.235	mg/L	0.030538	0.0	1784607	1002.35 mg/L	Y 371.029
Fe 259.940	101.381	mg/L	0.158115	0.2	1489127	1013.81 mg/L	Y 371.029
Ga 287.423	-0.133098	mg/L	0.001828	1.4	1568.27	-1.33098 mg/L	Y 371.029
Ga 294.363	0.017995	mg/L	0.001093	6.1	219.383	0.179946 mg/L	Y 371.029
Ga 417.204	0.010488	mg/L	0.000110	1.0	1103.17	0.104881 mg/L	Y 371.029
K 766.491	8.50696	mg/L	0.059853	0.7	585629	85.0696 mg/L	Y 371.029
K 769.897	8.36882	mg/L	0.005287	0.1	486951	83.6882 mg/L	Y 371.029
Li 610.365	0.114777	mg/L	0.000299	0.3	5172.32	1.14777 mg/L	Y 371.029
Li 670.783	0.146315	mg/L	0.000163	0.1	578196	1.46315 mg/L	Y 371.029
Mg 279.078	18.3096	mg/L	0.016564	0.1	29522.7	183.096 mg/L	Y 371.029
Mg 280.270	17.2779	mg/L	0.024929	0.1	1707102	172.779 mg/L	Y 371.029
Mg 285.213	18.6576	mg/L	0.162219	0.9	660761	186.576 mg/L	Y 371.029
Mn 257.610	0.554910	mg/L	0.000620	0.1	111207	5.54910 mg/L	Y 371.029
Mn 259.372	0.694365	mg/L	0.001293	0.2	96660.3	6.94365 mg/L	Y 371.029
Mn 260.568	0.729759	mg/L	0.000769	0.1	14337.9	7.29759 mg/L	Y 371.029
Mo 202.032	-0.026071	mg/L	0.000714	2.7	22.9424	-0.260711 mg/L	Y 371.029
Mo 203.846	-0.028284	mg/L	0.000261	0.9	12.2074	-0.282836 mg/L	Y 371.029
Mo 204.598	-0.027870	mg/L	0.000915	3.3	13.2628	-0.278700 mg/L	Y 371.029
Na 568.821	0.786257	mg/L	0.038091	4.8	327.533	7.86257 mg/L	Y 371.029
Na 588.995	0.219860	mg/L	0.003132	1.4	459886	2.19860 mg/L	Y 371.029
Na 589.592	0.329066	mg/L	0.000554	0.2	203342	3.29066 mg/L	Y 371.029
Ni 216.555	0.031406	mg/L	0.001172	3.7	643.002	0.314064 mg/L	Y 371.029
Ni 221.648	0.025352	mg/L	0.001102	4.3	237.780	0.253521 mg/L	Y 371.029
Ni 231.604	0.031713	mg/L	0.000280	0.9	413.182	0.317127 mg/L	Y 371.029
P 177.434	0.532592	mg/L	0.003389	0.6	84.2861	5.32592 mg/L	Y 371.029
P 213.618	0.505249	mg/L	0.003838	0.8	348.653	5.05249 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.514176	mg/L	0.014417	2.8	103.658	5.14176 mg/L	Y 371.029
Pb 220.353	0.053631	mg/L	0.001543	2.9	62.3586	0.536306 mg/L	Y 371.029
Pb 261.417	0.026053	mg/L	0.007499	28.8	18.8618	0.260535 mg/L	Y 371.029
Pb 405.781	-0.026423uv	mg/L	0.004896	18.5	59.8500	-0.264225 mg/L	Y 371.029
Sb 206.834	-0.020949	mg/L	0.001114	5.3	13.7810	-0.209489 mg/L	Y 371.029
Sb 231.146	-0.123468uv	mg/L	0.001164	0.9	5.89268	-1.23468 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.022726	4.7	17.2880	uncal mg/L	Y 371.029
Se 196.026	0.007792uv	mg/L	0.004965	63.7	2.52385	0.077921 mg/L	Y 371.029
Se 203.985	0.016908uv	mg/L	0.013930	82.4	5.81260	0.169081 mg/L	Y 371.029
Si 250.690	1.25810	mg/L	0.009357	0.7	1714.30	12.5810 mg/L	Y 371.029
Si 251.611	1.24790	mg/L	0.006298	0.5	1906.94	12.4790 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.014331	1.1	10328.3	uncal mg/L	Y 371.029
Sn 189.927	-0.002721	mg/L	0.002421	89.0	4.34286	-0.027210 mg/L	Y 371.029
Sn 283.998	-0.062849	mg/L	0.004127	6.6	67.5980	-0.628489 mg/L	Y 371.029
Sr 216.596	0.061545	mg/L	0.000420	0.7	667.097	0.615454 mg/L	Y 371.029
Sr 407.771	0.070037	mg/L	0.000164	0.2	181786	0.700366 mg/L	Y 371.029
Sr 421.552	0.071763	mg/L	0.000045	0.1	120902	0.717628 mg/L	Y 371.029
Ti 334.941	1.06258	mg/L	0.002833	0.3	229946	10.6258 mg/L	Y 371.029
Ti 336.122	1.08031	mg/L	0.002840	0.3	98278.2	10.8031 mg/L	Y 371.029
Ti 337.280	1.08553	mg/L	0.000499	0.0	33509.4	10.8553 mg/L	Y 371.029
Tl 190.794	-0.005365uv	mg/L	0.002962	55.2	1.92138	-0.053654 mg/L	Y 371.029
Tl 190.807	0.016292	mg/L	0.003471	21.3	2.34183	0.162917 mg/L	Y 371.029
Tl 351.923	-0.008225uv	mg/L	0.002269	27.6	3.71439	-0.082246 mg/L	Y 371.029
V 268.796	0.150067	mg/L	0.001941	1.3	1497.94	1.50067 mg/L	Y 371.029
V 292.401	0.144813	mg/L	0.001116	0.8	5269.17	1.44813 mg/L	Y 371.029
V 311.837	0.141299	mg/L	0.000509	0.4	6779.43	1.41299 mg/L	Y 371.029
Zn 202.548	0.299622	mg/L	0.001642	0.5	3370.26	2.99622 mg/L	Y 371.029
Zn 206.200	0.301760	mg/L	0.002459	0.8	1115.71	3.01760 mg/L	Y 371.029
Zn 213.857	0.296584	mg/L	0.000802	0.3	6484.06	2.96584 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.990905	7945.85	34.450	0.4
Y 371.029	0.872310	143850	575.534	0.4

11D1172-04 (Samp) **4/28/2011, 11:05:34 AM** **Rack 3, Tube 3**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002668uvb	mg/L	0.000394	14.8	459.378	-0.026682 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000839	1801.4	-6.44718	uncal mg/L	Y 371.029
Al 237.312	92.2518b	mg/L	0.130694	0.1	113322	922.518 mg/L	Y 371.029
Al 257.509	96.0644b	mg/L	0.198945	0.2	54739.6	960.644 mg/L	Y 371.029
Al 308.215	96.9304b	mg/L	0.217756	0.2	575310	969.304 mg/L	Y 371.029
As 188.980	0.032882b	mg/L	0.002021	6.1	16.9952	0.328815 mg/L	Y 371.029
As 193.696	0.023917b	mg/L	0.009003	37.6	13.8499	0.239170 mg/L	Y 371.029
As 228.812	0.029636b	mg/L	0.003659	12.3	27.5176	0.296363 mg/L	Y 371.029
B 182.577	0.016331b	mg/L	0.004021	24.6	14.6910	0.163314 mg/L	Y 371.029
B 249.678	0.008796b	mg/L	0.000977	11.1	228.772	0.087958 mg/L	Y 371.029
B 249.772	0.010589b	mg/L	0.001417	13.4	2132.67	0.105887 mg/L	Y 371.029
Ba 233.527	0.248619b	mg/L	0.000729	0.3	9885.62	2.48619 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.243851b	mg/L	0.000254	0.1	219762	2.43851 mg/L	Y 371.029
Ba 493.408	0.248946b	mg/L	0.000246	0.1	137834	2.48946 mg/L	Y 371.029
Be 234.861	0.001703uvb	mg/L	0.000247	14.5	-513.914	0.017028 mg/L	Y 371.029
Be 313.042	0.002158b	mg/L	0.000008	0.4	3983.40	0.021584 mg/L	Y 371.029
Be 313.107	0.001997b	mg/L	0.000010	0.5	1737.74	0.019973 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.560479	1.5	44278404	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.322634	1.4	45648220	- mg/L	Y 371.029
Ca 430.253	101.330b	mg/L	0.099685	0.1	431629	1013.30 mg/L	Y 371.029
Cd 214.439	0.000022b	mg/L	0.000252	1152.5	16.7026	0.000219 mg/L	Y 371.029
Cd 226.502	-0.001421b	mg/L	0.000074	5.2	282.062	-0.014208 mg/L	Y 371.029
Cd 228.802	0.001079b	mg/L	0.000088	8.2	20.3027	0.010793 mg/L	Y 371.029
Co 228.615	-0.025191b	mg/L	0.000073	0.3	270.957	-0.251908 mg/L	Y 371.029
Co 230.786	-0.026243b	mg/L	0.001059	4.0	241.035	-0.262430 mg/L	Y 371.029
Co 238.892	0.018674uvb	mg/L	0.001116	6.0	-714.213	0.186742 mg/L	Y 371.029
Cr 205.560	0.196012b	mg/L	0.002284	1.2	1003.65	1.96012 mg/L	Y 371.029
Cr 206.158	0.200414b	mg/L	0.002567	1.3	411.328	2.00414 mg/L	Y 371.029
Cr 267.716	0.204684b	mg/L	0.000793	0.4	5517.51	2.04684 mg/L	Y 371.029
Cu 213.598	0.029630b	mg/L	0.000316	1.1	396.123	0.296298 mg/L	Y 371.029
Cu 324.754	0.030012b	mg/L	0.000119	0.4	1883.92	0.300118 mg/L	Y 371.029
Cu 327.395	0.018668b	mg/L	0.001250	6.7	2272.92	0.186683 mg/L	Y 371.029
Fe 234.350	131.644b	mg/L	0.453225	0.3	1136755	1316.44 mg/L	Y 371.029
Fe 238.204	125.075b	mg/L	0.296893	0.2	2226114	1250.75 mg/L	Y 371.029
Fe 259.940	126.962b	mg/L	0.321611	0.3	1864163	1269.62 mg/L	Y 371.029
Ga 287.423	-0.155204b	mg/L	0.007270	4.7	1984.22	-1.55204 mg/L	Y 371.029
Ga 294.363	0.021603b	mg/L	0.000552	2.6	252.439	0.216030 mg/L	Y 371.029
Ga 417.204	0.014270b	mg/L	0.002161	15.1	1057.15	0.142698 mg/L	Y 371.029
K 766.491	6.89391b	mg/L	0.015722	0.2	475837	68.9391 mg/L	Y 371.029
K 769.897	6.67546b	mg/L	0.012824	0.2	391616	66.7546 mg/L	Y 371.029
Li 610.365	0.032467b	mg/L	0.001029	3.2	1053.96	0.324672 mg/L	Y 371.029
Li 670.783	0.053738b	mg/L	0.000028	0.1	263366	0.537380 mg/L	Y 371.029
Mg 279.078	30.9783b	mg/L	0.047897	0.2	49915.9	309.783 mg/L	Y 371.029
Mg 280.270	28.3566b	mg/L	0.060185	0.2	2801608	283.566 mg/L	Y 371.029
Mg 285.213	31.7100b	mg/L	0.087522	0.3	1122941	317.100 mg/L	Y 371.029
Mn 257.610	0.350289b	mg/L	0.001052	0.3	83820.4	3.50289 mg/L	Y 371.029
Mn 259.372	0.491338b	mg/L	0.001434	0.3	79819.8	4.91338 mg/L	Y 371.029
Mn 260.568	0.523259b	mg/L	0.000603	0.1	10689.6	5.23259 mg/L	Y 371.029
Mo 202.032	-0.028525b	mg/L	0.000693	2.4	39.1155	-0.285247 mg/L	Y 371.029
Mo 203.846	-0.033030b	mg/L	0.001892	5.7	18.0675	-0.330300 mg/L	Y 371.029
Mo 204.598	-0.031573b	mg/L	0.000687	2.2	20.9983	-0.315728 mg/L	Y 371.029
Na 568.821	1.18475b	mg/L	0.065223	5.5	545.553	11.8475 mg/L	Y 371.029
Na 588.995	0.910791b	mg/L	0.002951	0.3	862119	9.10791 mg/L	Y 371.029
Na 589.592	0.958713b	mg/L	0.002370	0.2	400770	9.58713 mg/L	Y 371.029
Ni 216.555	0.072072b	mg/L	0.001484	2.1	969.650	0.720717 mg/L	Y 371.029
Ni 221.648	0.066044b	mg/L	0.000777	1.2	365.035	0.660439 mg/L	Y 371.029
Ni 231.604	0.072944b	mg/L	0.000500	0.7	630.183	0.729435 mg/L	Y 371.029
P 177.434	1.06253b	mg/L	0.006551	0.6	163.469	10.6253 mg/L	Y 371.029
P 213.618	1.02864b	mg/L	0.004859	0.5	693.856	10.2864 mg/L	Y 371.029
P 214.914	1.03330b	mg/L	0.023555	2.3	195.118	10.3330 mg/L	Y 371.029
Pb 220.353	0.059279b	mg/L	0.003444	5.8	69.8250	0.592789 mg/L	Y 371.029
Pb 261.417	0.049868b	mg/L	0.015502	31.1	26.3344	0.498679 mg/L	Y 371.029
Pb 405.781	-0.024743b	mg/L	0.012519	50.6	97.2961	-0.247433 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.031737b	mg/L	0.003050	9.6	14.5166	-0.317375 mg/L	Y 371.029
Sb 231.146	-0.162000uvb	mg/L	0.003458	2.1	5.61662	-1.62000 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.142311	26.9	46.3140	uncal mg/L	Y 371.029
Se 196.026	0.004357uvb	mg/L	0.001431	32.8	3.27984	0.043570 mg/L	Y 371.029
Se 203.985	0.032191b	mg/L	0.007739	24.0	7.76696	0.321913 mg/L	Y 371.029
Si 250.690	1.64105b	mg/L	0.009805	0.6	2207.40	16.4105 mg/L	Y 371.029
Si 251.611	1.52756b	mg/L	0.012464	0.8	2448.34	15.2756 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.006338	0.4	13042.7	uncal mg/L	Y 371.029
Sn 189.927	-0.007042uvb	mg/L	0.002857	40.6	2.94617	-0.070416 mg/L	Y 371.029
Sn 283.998	-0.064900b	mg/L	0.000926	1.4	198.341	-0.648997 mg/L	Y 371.029
Sr 216.596	0.184283b	mg/L	0.000515	0.3	1689.17	1.84283 mg/L	Y 371.029
Sr 407.771	0.200457b	mg/L	0.000749	0.4	515213	2.00457 mg/L	Y 371.029
Sr 421.552	0.204380b	mg/L	0.000817	0.4	341141	2.04380 mg/L	Y 371.029
Ti 334.941	0.830162b	mg/L	0.005883	0.7	180764	8.30162 mg/L	Y 371.029
Ti 336.122	0.850074b	mg/L	0.003618	0.4	77738.4	8.50074 mg/L	Y 371.029
Ti 337.280	0.841205b	mg/L	0.001745	0.2	26117.2	8.41205 mg/L	Y 371.029
Tl 190.794	-0.001130uvb	mg/L	0.004745	419.9	2.55895	-0.011301 mg/L	Y 371.029
Tl 190.807	0.015905b	mg/L	0.007685	48.3	1.42863	0.159053 mg/L	Y 371.029
Tl 351.923	-0.004109uvb	mg/L	0.004058	98.8	14.6335	-0.041092 mg/L	Y 371.029
V 268.796	0.186254b	mg/L	0.000369	0.2	1845.33	1.86254 mg/L	Y 371.029
V 292.401	0.179898b	mg/L	0.000345	0.2	6464.59	1.79898 mg/L	Y 371.029
V 311.837	0.177157b	mg/L	0.000320	0.2	8430.12	1.77157 mg/L	Y 371.029
Zn 202.548	0.205737b	mg/L	0.001243	0.6	2630.50	2.05737 mg/L	Y 371.029
Zn 206.200	0.210921b	mg/L	0.001702	0.8	880.383	2.10921 mg/L	Y 371.029
Zn 213.857	0.209172b	mg/L	0.001221	0.6	5229.63	2.09172 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.949348	7612.61	26.063	0.3
Y 371.029	0.837336	138083	288.083	0.2

11D1172-05 (Samp) **4/28/2011, 11:09:41 AM** **Rack 3, Tube 4**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000103uvb	mg/L	0.000252	245.2	452.218	0.001028 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001319	174.2	-2.85638	uncal mg/L	Y 371.029
Al 237.312	53.9392b	mg/L	0.090508	0.2	66228.7	539.392 mg/L	Y 371.029
Al 257.509	56.1304b	mg/L	0.336616	0.6	31989.7	561.304 mg/L	Y 371.029
Al 308.215	57.0833b	mg/L	0.061962	0.1	339304	570.833 mg/L	Y 371.029
As 188.980	0.022665b	mg/L	0.002423	10.7	13.7421	0.226649 mg/L	Y 371.029
As 193.696	0.018001b	mg/L	0.005763	32.0	11.6169	0.180008 mg/L	Y 371.029
As 228.812	0.023298b	mg/L	0.004556	19.6	23.1225	0.232979 mg/L	Y 371.029
B 182.577	0.003250b	mg/L	0.000892	27.4	6.99090	0.032504 mg/L	Y 371.029
B 249.678	-0.002670b	mg/L	0.001498	56.1	88.2366	-0.026704 mg/L	Y 371.029
B 249.772	-0.001499b	mg/L	0.001145	76.4	2128.49	-0.014992 mg/L	Y 371.029
Ba 233.527	0.134201b	mg/L	0.000038	0.0	5407.90	1.34201 mg/L	Y 371.029
Ba 455.403	0.128758b	mg/L	0.000150	0.1	117078	1.28758 mg/L	Y 371.029
Ba 493.408	0.131223b	mg/L	0.000107	0.1	73596.3	1.31223 mg/L	Y 371.029
Be 234.861	0.002921uvb	mg/L	0.000381	13.0	-477.267	0.029206 mg/L	Y 371.029
Be 313.042	0.002724b	mg/L	0.000001	0.0	4961.29	0.027244 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.002579b	mg/L	0.000020	0.8	2208.07	0.025786 mg/L	Y 371.029
Ca 393.366	0.599893nb	mg/L	0.000183	0.0	733877	5.99893 mg/L	Y 371.029
Ca 396.847	0.584792b	mg/L	0.000275	0.0	1206519	5.84792 mg/L	Y 371.029
Ca 430.253	0.472985b	mg/L	0.004648	1.0	3825.97	4.72985 mg/L	Y 371.029
Cd 214.439	-0.000306b	mg/L	0.000154	50.4	14.0613	-0.003055 mg/L	Y 371.029
Cd 226.502	-0.001634b	mg/L	0.000079	4.8	305.576	-0.016339 mg/L	Y 371.029
Cd 228.802	0.000413uvb	mg/L	0.000267	64.5	8.96997	0.004131 mg/L	Y 371.029
Co 228.615	-0.049622b	mg/L	0.000577	1.2	121.955	-0.496216 mg/L	Y 371.029
Co 230.786	-0.050125b	mg/L	0.000663	1.3	150.459	-0.501252 mg/L	Y 371.029
Co 238.892	-0.333474uvb	mg/L	0.002702	0.8	-2818.41	-3.33474 mg/L	Y 371.029
Cr 205.560	0.071881b	mg/L	0.001126	1.6	460.059	0.718810 mg/L	Y 371.029
Cr 206.158	0.073819b	mg/L	0.000286	0.4	190.243	0.738188 mg/L	Y 371.029
Cr 267.716	0.077562b	mg/L	0.001215	1.6	2558.66	0.775624 mg/L	Y 371.029
Cu 213.598	0.023670b	mg/L	0.001367	5.8	403.096	0.236705 mg/L	Y 371.029
Cu 324.754	0.017938b	mg/L	0.000585	3.3	1687.78	0.179379 mg/L	Y 371.029
Cu 327.395	0.010272b	mg/L	0.000345	3.4	2005.18	0.102720 mg/L	Y 371.029
Fe 234.350	150.793b	mg/L	1.01546	0.7	1300284	1507.93 mg/L	Y 371.029
Fe 238.204	141.802b	mg/L	0.430048	0.3	2520067	1418.02 mg/L	Y 371.029
Fe 259.940	145.488b	mg/L	2.29391	1.6	2133200	1454.88 mg/L	Y 371.029
Ga 287.423	-0.195700b	mg/L	0.005556	2.8	2203.45	-1.95700 mg/L	Y 371.029
Ga 294.363	0.013683b	mg/L	0.000742	5.4	219.378	0.136835 mg/L	Y 371.029
Ga 417.204	0.006050b	mg/L	0.003733	61.7	737.925	0.060498 mg/L	Y 371.029
K 766.491	4.01640b	mg/L	0.006047	0.2	277786	40.1640 mg/L	Y 371.029
K 769.897	3.84799b	mg/L	0.007406	0.2	230717	38.4799 mg/L	Y 371.029
Li 610.365	0.015253b	mg/L	0.000471	3.1	192.652	0.152531 mg/L	Y 371.029
Li 670.783	0.021683b	mg/L	0.000023	0.1	147052	0.216826 mg/L	Y 371.029
Mg 279.078	2.71915b	mg/L	0.002156	0.1	4449.77	27.1915 mg/L	Y 371.029
Mg 280.270	2.74327b	mg/L	0.024694	0.9	271549	27.4327 mg/L	Y 371.029
Mg 285.213	2.73798b	mg/L	0.010697	0.4	97033.1	27.3798 mg/L	Y 371.029
Mn 257.610	-0.044742b	mg/L	0.000327	0.7	13527.8	-0.447416 mg/L	Y 371.029
Mn 259.372	0.013669b	mg/L	0.000837	6.1	29461.8	0.136689 mg/L	Y 371.029
Mn 260.568	0.058530b	mg/L	0.000410	0.7	1676.24	0.585302 mg/L	Y 371.029
Mo 202.032	-0.007165b	mg/L	0.001077	15.0	26.2795	-0.071650 mg/L	Y 371.029
Mo 203.846	-0.008396b	mg/L	0.001000	11.9	16.9987	-0.083956 mg/L	Y 371.029
Mo 204.598	-0.007762b	mg/L	0.000541	7.0	19.4632	-0.077618 mg/L	Y 371.029
Na 568.821	0.586135b	mg/L	0.058338	10.0	262.455	5.86135 mg/L	Y 371.029
Na 588.995	-0.063223uvb	mg/L	0.003074	4.9	299702	-0.632229 mg/L	Y 371.029
Na 589.592	0.065916b	mg/L	0.000377	0.6	123676	0.659157 mg/L	Y 371.029
Ni 216.555	-0.097135b	mg/L	0.000486	0.5	186.608	-0.971351 mg/L	Y 371.029
Ni 221.648	-0.105221b	mg/L	0.000346	0.3	47.8118	-1.05221 mg/L	Y 371.029
Ni 231.604	-0.102514b	mg/L	0.000455	0.4	79.3597	-1.02514 mg/L	Y 371.029
P 177.434	1.10289b	mg/L	0.006923	0.6	170.332	11.0289 mg/L	Y 371.029
P 213.618	1.07331b	mg/L	0.006028	0.6	720.090	10.7331 mg/L	Y 371.029
P 214.914	1.07723b	mg/L	0.019247	1.8	203.650	10.7723 mg/L	Y 371.029
Pb 220.353	0.043743b	mg/L	0.000673	1.5	51.8151	0.437435 mg/L	Y 371.029
Pb 261.417	0.045057uvb	mg/L	0.024873	55.2	24.6210	0.450575 mg/L	Y 371.029
Pb 405.781	-0.033753uvb	mg/L	0.009434	27.9	36.1315	-0.337532 mg/L	Y 371.029
Sb 206.834	-0.016846b	mg/L	0.007386	43.8	13.6599	-0.168458 mg/L	Y 371.029
Sb 231.146	-0.060425b	mg/L	0.009441	15.6	11.7632	-0.604254 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.061840	11.6	40.5562	uncal mg/L	Y 371.029
Se 196.026	0.009202uvb	mg/L	0.010094	109.7	1.80841	0.092019 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.009875uvb	mg/L	0.011895	120.4	3.44863	0.098754 mg/L	Y 371.029
Si 250.690	1.56854b	mg/L	0.005172	0.3	2097.01	15.6854 mg/L	Y 371.029
Si 251.611	1.55516b	mg/L	0.005484	0.4	2315.94	15.5515 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.011381	0.7	12382.9	uncal mg/L	Y 371.029
Sn 189.927	-0.003962uvb	mg/L	0.006185	156.1	4.06114	-0.039620 mg/L	Y 371.029
Sn 283.998	-0.048347b	mg/L	0.002472	5.1	77.5891	-0.483475 mg/L	Y 371.029
Sr 216.596	0.018512b	mg/L	0.000242	1.3	404.210	0.185122 mg/L	Y 371.029
Sr 407.771	0.027894b	mg/L	0.000106	0.4	75513.8	0.278937 mg/L	Y 371.029
Sr 421.552	0.028342b	mg/L	0.000123	0.4	49816.8	0.283419 mg/L	Y 371.029
Ti 334.941	0.263199b	mg/L	0.001349	0.5	59021.2	2.63199 mg/L	Y 371.029
Ti 336.122	0.271090b	mg/L	0.000222	0.1	25475.7	2.71090 mg/L	Y 371.029
Ti 337.280	0.264551b	mg/L	0.000995	0.4	8410.86	2.64551 mg/L	Y 371.029
Tl 190.794	-0.005935uvb	mg/L	0.002372	40.0	1.94773	-0.059345 mg/L	Y 371.029
Tl 190.807	0.011096b	mg/L	0.004155	37.5	1.89476	0.110956 mg/L	Y 371.029
Tl 351.923	-0.004070uvb	mg/L	0.002701	66.4	10.2175	-0.040703 mg/L	Y 371.029
V 268.796	0.215959b	mg/L	0.001337	0.6	2050.16	2.15959 mg/L	Y 371.029
V 292.401	0.207056b	mg/L	0.001802	0.9	7187.00	2.07056 mg/L	Y 371.029
V 311.837	0.203649b	mg/L	0.000354	0.2	9413.61	2.03649 mg/L	Y 371.029
Zn 202.548	0.037119b	mg/L	0.000228	0.6	1053.22	0.371187 mg/L	Y 371.029
Zn 206.200	0.036831b	mg/L	0.000482	1.3	335.984	0.368309 mg/L	Y 371.029
Zn 213.857	0.032791b	mg/L	0.000433	1.3	2082.77	0.327909 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.972430	7797.71	17.817	0.2
Y 371.029	0.856606	141260	176.157	0.1

SEQ-CCV7 (Samp) **4/28/2011, 11:22:47 AM** **Rack 3, Tube 5**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.101093	mg/L	0.000366	0.4	5333.57	0.101093 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002560	2.6	268.149	uncal mg/L	Y 371.029
Al 237.312	2.39139	mg/L	0.005944	0.2	2988.89	2.39139 mg/L	Y 371.029
Al 257.509	2.44183	mg/L	0.021070	0.9	1408.66	2.44183 mg/L	Y 371.029
Al 308.215	2.51686	mg/L	0.006410	0.3	16212.7	2.51686 mg/L	Y 371.029
As 188.980	0.494187	mg/L	0.001023	0.2	171.256	0.494187 mg/L	Y 371.029
As 193.696	0.503649	mg/L	0.005300	1.1	208.433	0.503649 mg/L	Y 371.029
As 228.812	0.791834	mg/L	0.016685	2.1	1096.03	0.791834 mg/L	Y 371.029
B 182.577	0.467281	mg/L	0.009226	2.0	199.387	0.467281 mg/L	Y 371.029
B 249.678	0.495248	mg/L	0.009452	1.9	4234.31	0.495248 mg/L	Y 371.029
B 249.772	0.469893	mg/L	0.012760	2.7	7720.48	0.469893 mg/L	Y 371.029
Ba 233.527	0.505323	mg/L	0.002482	0.5	19556.7	0.505323 mg/L	Y 371.029
Ba 455.403	0.489826	mg/L	0.000711	0.1	432380	0.489826 mg/L	Y 371.029
Ba 493.408	0.495474	mg/L	0.000319	0.1	267937	0.495474 mg/L	Y 371.029
Be 234.861	0.500470	mg/L	0.000616	0.1	58127.8	0.500470 mg/L	Y 371.029
Be 313.042	0.490544	mg/L	0.002588	0.5	828598	0.490544 mg/L	Y 371.029
Be 313.107	0.498516	mg/L	0.002882	0.6	414817	0.498516 mg/L	Y 371.029
Ca 393.366	4.63425n	mg/L	0.054304	1.2	5457422	4.63425 mg/L	Y 371.029
Ca 396.847	4.57056	mg/L	0.011227	0.2	9077712	4.57056 mg/L	Y 371.029
Ca 430.253	4.98580	mg/L	0.024025	0.5	22410.0	4.98580 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.246709	mg/L	0.000426	0.2	4562.75	0.246709 mg/L	Y 371.029
Cd 226.502	0.252766	mg/L	0.000098	0.0	9197.57	0.252766 mg/L	Y 371.029
Cd 228.802	0.249453	mg/L	0.001099	0.4	3437.15	0.249453 mg/L	Y 371.029
Co 228.615	0.501005	mg/L	0.002155	0.4	4285.04	0.501005 mg/L	Y 371.029
Co 230.786	0.500040	mg/L	0.002736	0.5	3012.76	0.500040 mg/L	Y 371.029
Co 238.892	0.501803	mg/L	0.001436	0.3	2831.30	0.501803 mg/L	Y 371.029
Cr 205.560	0.487414	mg/L	0.000958	0.2	1981.76	0.487414 mg/L	Y 371.029
Cr 206.158	0.491659	mg/L	0.003163	0.6	804.008	0.491659 mg/L	Y 371.029
Cr 267.716	0.490891	mg/L	0.001573	0.3	10626.6	0.490891 mg/L	Y 371.029
Cu 213.598	0.501110	mg/L	0.003517	0.7	1960.44	0.501110 mg/L	Y 371.029
Cu 324.754	0.479325	mg/L	0.000732	0.2	15588.2	0.479325 mg/L	Y 371.029
Cu 327.395	0.473185	mg/L	0.000618	0.1	20182.0	0.473185 mg/L	Y 371.029
Fe 234.350	0.521092	mg/L	0.001178	0.2	4751.23	0.521092 mg/L	Y 371.029
Fe 238.204	0.505954	mg/L	0.009648	1.9	9335.14	0.505954 mg/L	Y 371.029
Fe 259.940	0.507531	mg/L	0.004307	0.8	7710.64	0.507531 mg/L	Y 371.029
Ga 287.423	0.492188	mg/L	0.007374	1.5	1120.53	0.492188 mg/L	Y 371.029
Ga 294.363	0.498302	mg/L	0.000634	0.1	2980.25	0.498302 mg/L	Y 371.029
Ga 417.204	0.501864	mg/L	0.000292	0.1	4597.69	0.501864 mg/L	Y 371.029
K 766.491	5.27884	mg/L	0.008013	0.2	364000	5.27884 mg/L	Y 371.029
K 769.897	5.09849	mg/L	0.008972	0.2	301410	5.09849 mg/L	Y 371.029
Li 610.365	1.01578	mg/L	0.002193	0.2	50253.9	1.01578 mg/L	Y 371.029
Li 670.783	1.09207	mg/L	0.001922	0.2	3827043	1.09207 mg/L	Y 371.029
Mg 279.078	5.12480	mg/L	0.009436	0.2	8257.95	5.12480 mg/L	Y 371.029
Mg 280.270	5.09544	mg/L	0.018016	0.4	503638	5.09544 mg/L	Y 371.029
Mg 285.213	5.16202	mg/L	0.047972	0.9	182857	5.16202 mg/L	Y 371.029
Mn 257.610	0.491247	mg/L	0.007862	1.6	71768.1	0.491247 mg/L	Y 371.029
Mn 259.372	0.493642	mg/L	0.008776	1.8	53919.8	0.493642 mg/L	Y 371.029
Mn 260.568	0.496741	mg/L	0.002461	0.5	9192.01	0.496741 mg/L	Y 371.029
Mo 202.032	1.03434	mg/L	0.009284	0.9	3541.65	1.03434 mg/L	Y 371.029
Mo 203.846	1.01316	mg/L	0.012968	1.3	1508.27	1.01316 mg/L	Y 371.029
Mo 204.598	1.03397	mg/L	0.009545	0.9	1757.94	1.03397 mg/L	Y 371.029
Na 568.821	5.05580	mg/L	0.043197	0.9	1427.49	5.05580 mg/L	Y 371.029
Na 588.995	5.62377	mg/L	0.017435	0.3	3482495	5.62377 mg/L	Y 371.029
Na 589.592	5.23965	mg/L	0.014580	0.3	1676561	5.23965 mg/L	Y 371.029
Ni 216.555	0.993123	mg/L	0.002436	0.2	5016.92	0.993123 mg/L	Y 371.029
Ni 221.648	0.991581	mg/L	0.002251	0.2	1988.70	0.991581 mg/L	Y 371.029
Ni 231.604	1.00072	mg/L	0.006852	0.7	3359.44	1.00072 mg/L	Y 371.029
P 177.434	0.514860	mg/L	0.007149	1.4	79.3311	0.514860 mg/L	Y 371.029
P 213.618	0.510034	mg/L	0.006386	1.3	346.845	0.510034 mg/L	Y 371.029
P 214.914	0.535930	mg/L	0.017913	3.3	99.1213	0.535930 mg/L	Y 371.029
Pb 220.353	0.985954	mg/L	0.003329	0.3	1076.03	0.985954 mg/L	Y 371.029
Pb 261.417	0.967055	mg/L	0.015357	1.6	495.259	0.967055 mg/L	Y 371.029
Pb 405.781	0.962525	mg/L	0.004730	0.5	1274.84	0.962525 mg/L	Y 371.029
Sb 206.834	0.864499	mg/L	0.009536	1.1	492.171	0.864499 mg/L	Y 371.029
Sb 231.146	0.888155	mg/L	0.008221	0.9	373.594	0.888155 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.014650	1.5	301.049	uncal mg/L	Y 371.029
Se 196.026	0.995398	mg/L	0.019300	1.9	294.244	0.995398 mg/L	Y 371.029
Se 203.985	1.01775	mg/L	0.019139	1.9	176.992	1.01775 mg/L	Y 371.029
Si 250.690	1.03651	mg/L	0.003413	0.3	1355.15	1.03651 mg/L	Y 371.029
Si 251.611	1.01448	mg/L	0.004730	0.5	1505.98	1.01448 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002750	0.3	8196.82	uncal mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	1.05652	mg/L	0.004440	0.4	316.338	1.05652 mg/L	Y 371.029
Sn 283.998	0.976069	mg/L	0.005274	0.5	1858.08	0.976069 mg/L	Y 371.029
Sr 216.596	0.481164	mg/L	0.000995	0.2	3774.72	0.481164 mg/L	Y 371.029
Sr 407.771	0.473608	mg/L	0.003197	0.7	1195753	0.473608 mg/L	Y 371.029
Sr 421.552	0.484205	mg/L	0.001185	0.2	793853	0.484205 mg/L	Y 371.029
Ti 334.941	0.496551	mg/L	0.003746	0.8	106255	0.496551 mg/L	Y 371.029
Ti 336.122	0.512438	mg/L	0.002756	0.5	46129.8	0.512438 mg/L	Y 371.029
Ti 337.280	0.506531	mg/L	0.003292	0.6	15476.3	0.506531 mg/L	Y 371.029
Tl 190.794	0.508869	mg/L	0.008808	1.7	178.692	0.508869 mg/L	Y 371.029
Tl 190.807	0.509245	mg/L	0.005253	1.0	89.3998	0.509245 mg/L	Y 371.029
Tl 351.923	0.524670	mg/L	0.001774	0.3	860.386	0.524670 mg/L	Y 371.029
V 268.796	0.495409	mg/L	0.001338	0.3	5247.81	0.495409 mg/L	Y 371.029
V 292.401	0.480067	mg/L	0.002352	0.5	14372.3	0.480067 mg/L	Y 371.029
V 311.837	0.489796	mg/L	0.001842	0.4	19976.0	0.489796 mg/L	Y 371.029
Zn 202.548	0.499242	mg/L	0.001841	0.4	5013.67	0.499242 mg/L	Y 371.029
Zn 206.200	0.496614	mg/L	0.003023	0.6	1638.85	0.496614 mg/L	Y 371.029
Zn 213.857	0.475954	mg/L	0.010076	2.1	9178.52	0.475954 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.976195	7827.89	58.559	0.7
Y 371.029	0.845345	139403	1017.318	0.7

SEQ-CCB7 (Samp) **4/28/2011, 11:27:00 AM** **Rack 3, Tube 6**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000579	mg/L	0.000067	11.6	502.709	0.000579 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001798	1619.2	-3.83348	uncal mg/L	Y 371.029
Al 237.312	0.009074	mg/L	0.007212	79.5	59.4120	0.009074 mg/L	Y 371.029
Al 257.509	0.005725uv	mg/L	0.007414	129.5	22.0067	0.005725 mg/L	Y 371.029
Al 308.215	0.013359	mg/L	0.001249	9.4	1332.70	0.013359 mg/L	Y 371.029
As 188.980	0.006683	mg/L	0.003061	45.8	7.23764	0.006683 mg/L	Y 371.029
As 193.696	0.007556	mg/L	0.002974	39.4	4.72114	0.007556 mg/L	Y 371.029
As 228.812	0.003882	mg/L	0.005106	131.5	14.9964	0.003882 mg/L	Y 371.029
B 182.577	0.005060	mg/L	0.002333	46.1	6.17497	0.005060 mg/L	Y 371.029
B 249.678	0.006305	mg/L	0.001826	29.0	95.1206	0.006305 mg/L	Y 371.029
B 249.772	0.006606	mg/L	0.001304	19.7	172.791	0.006606 mg/L	Y 371.029
Ba 233.527	0.000232	mg/L	0.000061	26.3	183.670	0.000232 mg/L	Y 371.029
Ba 455.403	-0.000197uv	mg/L	0.000018	9.2	3836.66	-0.000197 mg/L	Y 371.029
Ba 493.408	-0.000077uv	mg/L	0.000018	22.8	2433.90	-0.000077 mg/L	Y 371.029
Be 234.861	0.000040	mg/L	0.000013	31.5	0.867292	0.000040 mg/L	Y 371.029
Be 313.042	0.000087	mg/L	0.000006	6.8	473.703	0.000087 mg/L	Y 371.029
Be 313.107	0.000012	mg/L	0.000010	85.8	85.3815	0.000012 mg/L	Y 371.029
Ca 393.366	-0.003166nuv	mg/L	0.000033	1.0	14743.4	-0.003166 mg/L	Y 371.029
Ca 396.847	-0.002516uv	mg/L	0.000025	1.0	24183.4	-0.002516 mg/L	Y 371.029
Ca 430.253	-0.012849uv	mg/L	0.002392	18.6	1145.29	-0.012849 mg/L	Y 371.029
Cd 214.439	0.000178	mg/L	0.000044	24.5	3.63312	0.000178 mg/L	Y 371.029
Cd 226.502	-0.000086uv	mg/L	0.000126	147.9	19.2643	-0.000086 mg/L	Y 371.029
Cd 228.802	0.000276uv	mg/L	0.000362	131.0	21.0419	0.000276 mg/L	Y 371.029
Co 228.615	0.001412	mg/L	0.000368	26.1	9.69434	0.001412 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.000505	mg/L	0.000238	47.0	9.03378	0.000505 mg/L	Y 371.029
Co 238.892	0.000118uv	mg/L	0.000298	252.8	4.71010	0.000118 mg/L	Y 371.029
Cr 205.560	-0.000437uv	mg/L	0.000410	93.7	3.47890	-0.000437 mg/L	Y 371.029
Cr 206.158	0.000277	mg/L	0.000267	96.1	1.96863	0.000277 mg/L	Y 371.029
Cr 267.716	0.000007uv	mg/L	0.000185	2573.0	26.4793	0.000007 mg/L	Y 371.029
Cu 213.598	0.000309	mg/L	0.000180	58.1	2.84486	0.000309 mg/L	Y 371.029
Cu 324.754	-0.000792uv	mg/L	0.000112	14.1	320.246	-0.000792 mg/L	Y 371.029
Cu 327.395	0.000142uv	mg/L	0.000193	136.0	24.4754	0.000142 mg/L	Y 371.029
Fe 234.350	0.000689	mg/L	0.000610	88.5	19.9221	0.000689 mg/L	Y 371.029
Fe 238.204	0.000208	mg/L	0.000429	206.9	45.8188	0.000208 mg/L	Y 371.029
Fe 259.940	0.000536	mg/L	0.000565	105.4	63.2937	0.000536 mg/L	Y 371.029
Ga 287.423	0.003231	mg/L	0.001098	34.0	24.1785	0.003231 mg/L	Y 371.029
Ga 294.363	0.003603	mg/L	0.000894	24.8	25.7670	0.003603 mg/L	Y 371.029
Ga 417.204	-0.002337uv	mg/L	0.001010	43.2	91.3268	-0.002337 mg/L	Y 371.029
K 766.491	-0.000994uv	mg/L	0.000187	18.8	1959.92	-0.000994 mg/L	Y 371.029
K 769.897	0.003157	mg/L	0.001241	39.3	12617.5	0.003157 mg/L	Y 371.029
Li 610.365	0.011204	mg/L	0.000314	2.8	-9.94278	0.011204 mg/L	Y 371.029
Li 670.783	-0.002216uv	mg/L	0.000035	1.6	59406.3	-0.002216 mg/L	Y 371.029
Mg 279.078	-0.000441uv	mg/L	0.001531	347.4	12.9632	-0.000441 mg/L	Y 371.029
Mg 280.270	-0.000280uv	mg/L	0.000022	7.7	273.190	-0.000280 mg/L	Y 371.029
Mg 285.213	0.000396	mg/L	0.000113	28.5	74.9143	0.000396 mg/L	Y 371.029
Mn 257.610	-0.000109uv	mg/L	0.000040	36.3	-0.868314	-0.000109 mg/L	Y 371.029
Mn 259.372	-0.000029	mg/L	0.000057	198.1	58.1027	-0.000029 mg/L	Y 371.029
Mn 260.568	-0.000093uv	mg/L	0.000124	132.7	5.68095	-0.000093 mg/L	Y 371.029
Mo 202.032	0.019928	mg/L	0.001855	9.3	88.9330	0.019928 mg/L	Y 371.029
Mo 203.846	0.022686	mg/L	0.002777	12.2	35.6645	0.022686 mg/L	Y 371.029
Mo 204.598	0.020349	mg/L	0.002232	11.0	37.1356	0.020349 mg/L	Y 371.029
Na 568.821	0.685162	mg/L	0.093931	13.7	276.621	0.685162 mg/L	Y 371.029
Na 588.995	-0.247202uv	mg/L	0.001334	0.5	185759	-0.247202 mg/L	Y 371.029
Na 589.592	-0.095503uv	mg/L	0.000540	0.6	66105.1	-0.095503 mg/L	Y 371.029
Ni 216.555	0.001269	mg/L	0.000517	40.8	6.77880	0.001269 mg/L	Y 371.029
Ni 221.648	0.000550	mg/L	0.000477	86.8	3.28981	0.000550 mg/L	Y 371.029
Ni 231.604	0.000465uv	mg/L	0.000824	177.1	7.08938	0.000465 mg/L	Y 371.029
P 177.434	0.003488uv	mg/L	0.004633	132.8	3.27756	0.003488 mg/L	Y 371.029
P 213.618	0.003790	mg/L	0.002781	73.4	5.18207	0.003790 mg/L	Y 371.029
P 214.914	0.003127uv	mg/L	0.004770	152.6	3.32299	0.003127 mg/L	Y 371.029
Pb 220.353	0.001461uv	mg/L	0.003681	251.9	6.17609	0.001461 mg/L	Y 371.029
Pb 261.417	0.008141	mg/L	0.006144	75.5	19.5010	0.008141 mg/L	Y 371.029
Pb 405.781	-0.001542uv	mg/L	0.003141	203.6	55.6120	-0.001542 mg/L	Y 371.029
Sb 206.834	0.038862	mg/L	0.004361	11.2	31.2067	0.038862 mg/L	Y 371.029
Sb 231.146	0.038116	mg/L	0.009812	25.7	22.7811	0.038116 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.016152	62.0	25.0455	uncal mg/L	Y 371.029
Se 196.026	0.011900	mg/L	0.000595	5.0	6.89243	0.011900 mg/L	Y 371.029
Se 203.985	0.012676	mg/L	0.006296	49.7	6.32194	0.012676 mg/L	Y 371.029
Si 250.690	-0.001566uv	mg/L	0.001366	87.2	44.8220	-0.001566 mg/L	Y 371.029
Si 251.611	0.002476	mg/L	0.001458	58.9	41.8707	0.002476 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.000661	11.6	721.878	uncal mg/L	Y 371.029
Sn 189.927	0.001950	mg/L	0.001150	59.0	3.71816	0.001950 mg/L	Y 371.029
Sn 283.998	0.002960	mg/L	0.002808	94.9	17.5939	0.002960 mg/L	Y 371.029
Sr 216.596	0.000594	mg/L	0.000266	44.8	17.8655	0.000594 mg/L	Y 371.029
Sr 407.771	-0.000085uv	mg/L	0.000006	6.8	5208.34	-0.000085 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Sr 421.552	-0.000048uv	mg/L	0.000008	16.2	3197.13	-0.000048	mg/L	Y 371.029
Ti 334.941	0.001044	mg/L	0.000320	30.6	298.483	0.001044	mg/L	Y 371.029
Ti 336.122	0.000833	mg/L	0.000214	25.7	103.473	0.000833	mg/L	Y 371.029
Ti 337.280	0.001126	mg/L	0.000223	19.8	18.8431	0.001126	mg/L	Y 371.029
Tl 190.794	0.001001uv	mg/L	0.002223	222.0	2.77903	0.001001	mg/L	Y 371.029
Tl 190.807	0.014196	mg/L	0.002910	20.5	2.34783	0.014196	mg/L	Y 371.029
Tl 351.923	-0.008868uv	mg/L	0.004560	51.4	11.7269	-0.008868	mg/L	Y 371.029
V 268.796	0.000335	mg/L	0.000410	122.4	46.2449	0.000335	mg/L	Y 371.029
V 292.401	-0.000011uv	mg/L	0.000329	2944.6	44.4716	-0.000011	mg/L	Y 371.029
V 311.837	0.000471	mg/L	0.000161	34.1	8.54865	0.000471	mg/L	Y 371.029
Zn 202.548	-0.000666uv	mg/L	0.000450	67.6	607.973	-0.000666	mg/L	Y 371.029
Zn 206.200	0.000671	mg/L	0.000627	93.4	200.379	0.000671	mg/L	Y 371.029
Zn 213.857	-0.002233uv	mg/L	0.000091	4.1	1120.25	-0.002233	mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.960182	7699.49	24.998	0.3
Y 371.029	0.837481	138106	371.780	0.3

4/27/2011 10:50:58 AM	Worksheet created from template
4/27/2011 10:50:58 AM	>>>New Worksheet2011D.vwst
4/27/2011 11:26:01 AM	Analysis started.
4/27/2011 11:29:02 AM	**Measured Blank**
4/27/2011 11:33:16 AM	**Measured Standard 1**
4/27/2011 11:36:50 AM	**Measured Standard 2**
4/27/2011 11:40:25 AM	**Measured Standard 3**
4/27/2011 11:44:07 AM	**Measured Standard 4**
4/27/2011 11:47:53 AM	**Measured Standard 5**
4/27/2011 11:52:07 AM	**Measured Standard 6**
4/27/2011 11:56:20 AM	**Measured Standard 7**
4/27/2011 11:57:49 AM	Calibration(Reslope) failed [Si 288.158]: Maximum error has been exceeded.
4/27/2011 11:57:49 AM	Calibration(Reslope) failed [Ag 338.289]: Maximum error has been exceeded.
4/27/2011 11:57:49 AM	Calibration(Reslope) failed [Sb 259.804]: Maximum error has been exceeded.
4/27/2011 11:57:49 AM	Continuing in emission.
4/27/2011 11:57:55 AM	Analysis completed.
4/27/2011 12:02:13 PM	Analysis started.
4/27/2011 12:05:16 PM	**Measured SEQ-ICV1**
4/27/2011 12:06:51 PM	Analysis completed.
4/27/2011 12:08:12 PM	Analysis started.
4/27/2011 12:11:15 PM	**Measured SEQ-ICV2**
4/27/2011 12:15:30 PM	**Measured SEQ-ICB1**
4/27/2011 12:18:28 PM	**Measured SEQ-LCV1**
4/27/2011 12:22:06 PM	**Measured SEQ-HCV1**
4/27/2011 12:23:41 PM	Analysis completed.
4/27/2011 12:26:22 PM	Analysis started.
4/27/2011 12:29:24 PM	**Measured SEQ-IFA1**
4/27/2011 12:33:37 PM	**Measured SEQ-IFB1**
4/27/2011 12:37:52 PM	**Measured SEQ-CCV1**
4/27/2011 12:41:46 PM	**Measured SEQ-CCB1**
4/27/2011 12:42:09 PM	Analysis completed.
4/27/2011 12:46:43 PM	Analysis started.
4/27/2011 12:49:46 PM	**Measured 1118042-BLK1**
4/27/2011 12:52:45 PM	**Measured 1118042-BS1**
4/27/2011 12:56:58 PM	**Measured 11D0945-01**
4/27/2011 1:00:44 PM	**Measured 1118042-DUP1**
4/27/2011 1:04:31 PM	**Measured 1118042-MS1**
4/27/2011 1:08:18 PM	**Measured 1118042-MSD1**
4/27/2011 1:12:06 PM	**Measured 1118042-PS1**
4/27/2011 1:16:19 PM	**Measured 11D1133-01**
4/27/2011 1:20:03 PM	**Measured 11D1133-02**
4/27/2011 1:23:55 PM	**Measured 11D1134-01**
4/27/2011 1:27:37 PM	**Measured SEQ-CCV2**
4/27/2011 1:31:42 PM	**Measured SEQ-CCB2**
4/27/2011 1:32:07 PM	Analysis completed.
4/27/2011 1:41:50 PM	Analysis started.
4/27/2011 1:44:52 PM	**Measured 1118055-BLK1**
4/27/2011 1:47:51 PM	**Measured 1118055-BS1**
4/27/2011 1:52:05 PM	**Measured 11D1234-01**
4/27/2011 1:56:04 PM	**Measured 1118055-DUP1**
4/27/2011 2:00:00 PM	**Measured 1118055-MS1**
4/27/2011 2:04:14 PM	**Measured 1118055-MSD1**
4/27/2011 2:08:11 PM	**Measured 1118055-SRD1**
4/27/2011 2:11:59 PM	**Measured 11D1235-01**
4/27/2011 2:13:17 PM	Analysis completed.
4/27/2011 2:24:31 PM	Analysis started.
4/27/2011 2:27:33 PM	**Measured 1118091-BLK1**
4/27/2011 2:31:25 PM	**Measured 1118091-BS1**
4/27/2011 2:35:39 PM	**Measured SEQ-CCV3**
4/27/2011 2:39:30 PM	**Measured SEQ-CCB3**
4/27/2011 2:40:35 PM	Analysis completed.
4/27/2011 2:49:18 PM	Analysis started.
4/27/2011 2:52:20 PM	**Measured 1118091-BS2**
4/27/2011 2:56:16 PM	**Measured 11D1172-01**
4/27/2011 3:00:09 PM	**Measured 11D1172-02**
4/27/2011 3:04:15 PM	**Measured 11D1172-03**
4/27/2011 3:08:25 PM	**Measured 11D1172-04**
4/27/2011 3:12:38 PM	**Measured 11D1172-05**
4/27/2011 3:16:30 PM	**Measured 1118091-DUP1**
4/27/2011 3:20:21 PM	**Measured 1118091-MS1**
4/27/2011 3:24:12 PM	**Measured 1118091-MSD1**
4/27/2011 3:25:27 PM	Analysis completed.
4/27/2011 4:20:00 PM	Analysis started.
4/27/2011 4:23:02 PM	**Measured SEQ-CCV4**
4/27/2011 4:27:16 PM	**Measured SEQ-CCB4**
4/27/2011 4:27:42 PM	Analysis completed.
4/28/2011 9:49:48 AM	Analysis started.
4/28/2011 9:52:49 AM	**Measured SEQ-CCV5**
4/28/2011 9:57:02 AM	**Measured SEQ-CCB5**
4/28/2011 10:00:01 AM	**Measured 1118047-BLK1**
4/28/2011 10:03:27 AM	**Measured 1118047-BS1**
4/28/2011 10:07:40 AM	**Measured 11D0944-01**
4/28/2011 10:11:32 AM	**Measured 1118047-DUP1**
4/28/2011 10:15:21 AM	**Measured 1118047-MS1**
4/28/2011 10:19:12 AM	**Measured 1118047-MSD1**
4/28/2011 10:23:05 AM	**Measured 1118047-PS1**
4/28/2011 10:27:17 AM	**Measured 11D0742-01**

4/28/2011 10:31:31 AM	**Measured 11D0742-02**
4/28/2011 10:35:25 AM	**Measured 11D1022-01**
4/28/2011 10:39:37 AM	**Measured SEQ-CCV6**
4/28/2011 10:43:50 AM	**Measured SEQ-CCB6**
4/28/2011 10:44:16 AM	Analysis completed.
4/28/2011 10:46:30 AM	Analysis started.
4/28/2011 10:49:32 AM	**Measured 11D1170-01**
4/28/2011 10:53:30 AM	**Measured 11D1172-01**
4/28/2011 10:57:42 AM	**Measured 11D1172-02**
4/28/2011 11:01:38 AM	**Measured 11D1172-03**
4/28/2011 11:05:34 AM	**Measured 11D1172-04**
4/28/2011 11:09:41 AM	**Measured 11D1172-05**
4/28/2011 11:11:03 AM	Analysis completed.
4/28/2011 11:19:45 AM	Analysis started.
4/28/2011 11:22:47 AM	**Measured SEQ-CCV7**
4/28/2011 11:27:00 AM	**Measured SEQ-CCB7**
4/28/2011 11:27:27 AM	Analysis completed.

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Blank (Blk) **4/27/2011, 11:29:02 AM** **Rack 2, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.000000	mg/L	4.662	0.9	497.820
Ag 338.289	0.000000	mg/L	2.730	293.9	-0.928841
Al 237.312	0.000000	mg/L	7.778	13.1	59.2836
Al 257.509	0.000000	mg/L	10.533	50.0	21.0511
Al 308.215	0.000000	mg/L	3.751	0.3	1272.45
As 188.980	0.000000	mg/L	0.870	15.4	5.65395
As 193.696	0.000000	mg/L	1.697	128.3	1.32223
As 228.812	0.000000	mg/L	4.510	41.7	10.8198
B 182.577	0.000000	mg/L	0.636	16.6	3.84231
B 249.678	0.000000	mg/L	5.719	14.2	40.2778
B 249.772	0.000000	mg/L	8.704	13.4	64.7502
Ba 233.527	0.000000	mg/L	2.369	1.3	178.873
Ba 455.403	0.000000	mg/L	12.439	0.3	3976.66
Ba 493.408	0.000000	mg/L	16.288	0.7	2446.85
Be 234.861	0.000000	mg/L	2.341	185.0	1.26508
Be 313.042	0.000000	mg/L	6.038	1.6	372.746
Be 313.107	0.000000	mg/L	9.880	11.3	87.0514
Ca 393.366	0.000000n	mg/L	36.884	0.2	18221.2
Ca 396.847	0.000000	mg/L	57.223	0.2	29132.9
Ca 430.253	0.000000	mg/L	66.295	6.4	1029.78
Cd 214.439	0.000000	mg/L	2.940	67.1	4.38202
Cd 226.502	0.000000	mg/L	3.370	14.9	22.6027
Cd 228.802	0.000000	mg/L	4.270	25.3	16.9019
Co 228.615	0.000000	mg/L	1.854	36.9	5.02436
Co 230.786	0.000000	mg/L	2.017	28.6	7.04983
Co 238.892	0.000000	mg/L	2.037	35.8	5.68642
Cr 205.560	0.000000	mg/L	0.845	13.0	6.50342
Cr 206.158	0.000000	mg/L	1.782	63.5	2.80826
Cr 267.716	0.000000	mg/L	3.024	9.6	31.3427
Cu 213.598	0.000000	mg/L	1.160	46.9	2.47272
Cu 324.754	0.000000	mg/L	10.493	2.9	366.738
Cu 327.395	0.000000	mg/L	7.002	23.5	29.7783
Fe 234.350	0.000000	mg/L	3.146	21.1	14.8818
Fe 238.204	0.000000	mg/L	7.716	15.8	48.9767
Fe 259.940	0.000000	mg/L	2.221	4.1	54.2114
Ga 287.423	0.000000	mg/L	4.237	22.7	18.6287
Ga 294.363	0.000000	mg/L	6.894	34.4	20.0331
Ga 417.204	0.000000	mg/L	3.362	3.0	112.307
K 766.491	0.000000	mg/L	8.934	0.4	2103.91
K 769.897	0.000000	mg/L	75.136	0.6	12549.8
Li 610.365	0.000000	mg/L	14.284	62.3	-22.9160
Li 670.783	0.000000	mg/L	635.313	1.0	60615.7
Mg 279.078	0.000000	mg/L	0.898	6.7	13.3010
Mg 280.270	0.000000	mg/L	2.752	0.9	298.334
Mg 285.213	0.000000	mg/L	8.803	10.1	87.4476
Mn 257.610	0.000000	mg/L	7.140	128.9	5.54104
Mn 259.372	0.000000	mg/L	4.003	8.3	48.1717
Mn 260.568	0.000000	mg/L	0.950	12.1	7.83392
Mo 202.032	0.000000	mg/L	1.043	4.6	22.5313
Mo 203.846	0.000000	mg/L	2.553	33.3	7.65735

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.000000	mg/L	2.688	46.4	5.79511
Na 568.821	0.000000	mg/L	24.924	10.9	227.991
Na 588.995	0.000000	mg/L	579.844	0.3	177570
Na 589.592	0.000000	mg/L	252.523	0.4	66027.9
Ni 216.555	0.000000	mg/L	1.959	39.2	4.99574
Ni 221.648	0.000000	mg/L	0.190	8.5	2.22526
Ni 231.604	0.000000	mg/L	1.464	18.7	7.81745
P 177.434	0.000000	mg/L	0.909	28.5	3.19049
P 213.618	0.000000	mg/L	0.529	19.5	2.71671
P 214.914	0.000000	mg/L	0.574	20.0	2.87387
Pb 220.353	0.000000	mg/L	1.164	17.5	6.66212
Pb 261.417	0.000000	mg/L	1.876	10.8	17.3406
Pb 405.781	0.000000	mg/L	4.537	8.0	56.9937
Sb 206.834	0.000000	mg/L	0.553	7.6	7.23838
Sb 231.146	0.000000	mg/L	2.424	60.9	3.98286
Sb 259.804	0.000000	mg/L	6.697	61.8	10.8375
Se 196.026	0.000000	mg/L	0.836	18.1	4.60665
Se 203.985	0.000000	mg/L	1.115	26.2	4.25249
Si 250.690	0.000000	mg/L	0.827	1.8	47.1800
Si 251.611	0.000000	mg/L	1.695	4.1	41.1639
Si 288.158	0.000000	mg/L	11.443	1.5	770.803
Sn 189.927	0.000000	mg/L	0.846	25.5	3.31408
Sn 283.998	0.000000	mg/L	2.661	19.6	13.5452
Sr 216.596	0.000000	mg/L	2.875	17.5	16.4587
Sr 407.771	0.000000	mg/L	15.307	0.3	5382.24
Sr 421.552	0.000000	mg/L	10.821	0.3	3249.89
Ti 334.941	0.000000	mg/L	21.086	21.1	99.8777
Ti 336.122	0.000000	mg/L	13.539	25.4	53.3609
Ti 337.280	0.000000	mg/L	3.217	72.8	4.42167
Tl 190.794	0.000000	mg/L	0.588	25.6	2.29248
Tl 190.807	0.000000	mg/L	0.321	21.6	1.48717
Tl 351.923	0.000000	mg/L	6.713	94.7	7.08650
V 268.796	0.000000	mg/L	1.048	4.8	22.0433
V 292.401	0.000000	mg/L	2.433	5.2	46.4376
V 311.837	0.000000	mg/L	3.407	33.8	10.0863
Zn 202.548	0.000000	mg/L	1.217	0.2	613.365
Zn 206.200	0.000000	mg/L	3.027	1.5	200.921
Zn 213.857	0.000000	mg/L	6.040	0.5	1157.53

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.960381	7701.09	28.986	0.4
Y 371.029	0.814853	134375	481.613	0.4

Standard 1 (Std) **4/27/2011, 11:33:16 AM** **Rack 2, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.001000	mg/L	4.172	3.7	113.222
Be 313.042	0.001000	mg/L	2.826	0.1	2004.06
Be 313.107	0.001000	mg/L	14.310	1.6	896.903
Cd 214.439	0.000500	mg/L	2.201	19.5	11.2856
Cd 226.502	0.000500	mg/L	1.238	3.0	41.0879

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 228.802	0.000500	mg/L	1.839	7.1	25.7987
Cr 205.560	0.001000	mg/L	1.989	23.5	8.47267
Cr 206.158	0.001000	mg/L	2.056	52.8	3.89253
Cr 267.716	0.001000	mg/L	2.778	5.5	50.3556
Cu 213.598	0.001000	mg/L	2.905	72.9	3.98664
Cu 324.754	0.001000	mg/L	4.677	1.2	385.161
Cu 327.395	0.001000	mg/L	24.185	30.4	79.6055
K 766.491	0.010000	mg/L	17.853	0.7	2659.67
K 769.897	0.010000	mg/L	19.702	0.2	13038.8
Mg 279.078	0.010000	mg/L	3.544	12.9	27.4570
Mg 280.270	0.010000	mg/L	4.520	0.4	1288.06
Mg 285.213	0.010000	mg/L	2.344	0.6	415.661

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.967173	7755.55	12.546	0.2
Y 371.029	0.819258	135101	60.711	0.0

Standard 2 (Std) **4/27/2011, 11:36:50 AM** **Rack 2, Tube 3**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.001000	mg/L	5.484	1.1	508.529
Ag 338.289	0.001000	mg/L	3.281	110.7	2.96432
Al 237.312	0.025000	mg/L	4.831	5.9	82.5582
Al 257.509	0.025000	mg/L	1.358	4.2	32.2438
Al 308.215	0.025000	mg/L	4.792	0.3	1375.11
As 188.980	0.005000	mg/L	1.694	24.5	6.91034
As 193.696	0.005000	mg/L	2.292	40.1	5.70887
As 228.812	0.005000	mg/L	15.808	147.9	10.6877
Ba 233.527	0.005000	mg/L	2.293	0.6	372.834
Ba 455.403	0.005000	mg/L	14.767	0.2	8418.51
Ba 493.408	0.005000	mg/L	6.492	0.1	5157.62
Be 234.861	0.005000	mg/L	7.674	1.3	574.535
Be 313.042	0.005000	mg/L	2.501	0.0	8773.31
Be 313.107	0.005000	mg/L	5.047	0.1	4234.04
Ca 393.366	0.050000n	mg/L	186.042	0.2	80298.0
Ca 396.847	0.050000	mg/L	283.909	0.2	126889
Ca 430.253	0.050000	mg/L	24.492	1.8	1381.80
Cd 214.439	0.002500	mg/L	1.730	3.6	48.0929
Cd 226.502	0.002500	mg/L	4.069	3.6	112.479
Cd 228.802	0.002500	mg/L	3.552	6.5	54.8844
Co 228.615	0.005000	mg/L	4.466	10.0	44.8328
Co 230.786	0.005000	mg/L	1.334	3.6	37.4570
Co 238.892	0.005000	mg/L	3.724	12.2	30.4708
Cr 205.560	0.005000	mg/L	0.201	0.8	25.4181
Cr 206.158	0.005000	mg/L	1.566	14.6	10.7386
Cr 267.716	0.005000	mg/L	2.692	2.0	132.771
Cu 213.598	0.005000	mg/L	2.711	13.1	20.7095
Cu 324.754	0.005000	mg/L	8.286	1.7	493.253
Cu 327.395	0.005000	mg/L	7.984	3.4	234.684
Fe 234.350	0.005000	mg/L	5.443	10.8	50.5375
Fe 238.204	0.005000	mg/L	8.824	7.4	119.540

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Fe 259.940	0.005000	mg/L	8.325	7.1	117.919
Ga 287.423	0.005000	mg/L	3.414	12.2	27.9981
Ga 294.363	0.005000	mg/L	6.436	14.2	45.2618
Ga 417.204	0.005000	mg/L	20.121	13.8	145.345
K 766.491	0.050000	mg/L	12.146	0.2	5396.60
K 769.897	0.050000	mg/L	24.051	0.2	15214.4
Li 610.365	0.010000	mg/L	20.230	4786.2	0.422676
Li 670.783	0.010000	mg/L	108.045	0.1	99599.0
Mg 279.078	0.050000	mg/L	1.727	1.8	95.4632
Mg 280.270	0.050000	mg/L	42.698	0.8	5319.06
Mg 285.213	0.050000	mg/L	6.012	0.3	1815.93
Mn 257.610	0.005000	mg/L	4.230	0.6	736.019
Mn 259.372	0.005000	mg/L	11.243	1.9	597.123
Mn 260.568	0.005000	mg/L	3.311	3.4	98.7500
Mo 202.032	0.010000	mg/L	1.692	3.1	54.1584
Mo 203.846	0.010000	mg/L	2.916	15.5	18.8705
Mo 204.598	0.010000	mg/L	1.191	5.6	21.1368
Ni 216.555	0.010000	mg/L	2.010	3.9	51.9270
Ni 221.648	0.010000	mg/L	2.491	10.3	24.2737
Ni 231.604	0.010000	mg/L	0.455	1.2	38.9672
Pb 220.353	0.010000	mg/L	1.602	10.0	16.0151
Pb 261.417	0.010000	mg/L	9.604	48.6	19.7509
Pb 405.781	0.010000	mg/L	8.021	11.2	71.3691
Sb 206.834	0.010000	mg/L	2.943	22.4	13.1495
Sb 231.146	0.010000	mg/L	1.965	21.4	9.18234
Sb 259.804	0.010000	mg/L	4.046	31.4	12.8660
Se 196.026	0.010000	mg/L	2.805	38.3	7.31872
Se 203.985	0.010000	mg/L	0.662	10.8	6.12924
Si 250.690	0.010000	mg/L	3.551	7.5	47.1204
Si 251.611	0.010000	mg/L	3.829	8.9	42.8210
Si 288.158	0.010000	mg/L	20.958	2.8	758.356
Sn 189.927	0.010000	mg/L	1.198	17.6	6.78655
Sn 283.998	0.010000	mg/L	15.058	56.7	26.5717
Sr 216.596	0.005000	mg/L	4.147	7.1	58.5420
Sr 407.771	0.005000	mg/L	29.046	0.2	18121.9
Sr 421.552	0.005000	mg/L	15.233	0.1	11485.5
Ti 334.941	0.005000	mg/L	13.255	1.2	1141.81
Ti 336.122	0.005000	mg/L	5.631	1.2	470.713
Ti 337.280	0.005000	mg/L	1.962	1.5	130.145
V 268.796	0.005000	mg/L	17.887	28.7	62.3647
V 292.401	0.005000	mg/L	6.025	3.1	192.290
V 311.837	0.005000	mg/L	4.359	2.4	178.547
Zn 202.548	0.005000	mg/L	17.476	2.7	642.229
Zn 206.200	0.005000	mg/L	1.095	0.5	213.682
Zn 213.857	0.005000	mg/L	39.302	3.2	1212.99

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.972323	7796.84	20.682	0.3
Y 371.029	0.822321	135607	353.339	0.3

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Standard 3 (Std) **4/27/2011, 11:40:25 AM** **Rack 2, Tube 4**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.004000	mg/L	27.149	4.3	635.447
Ag 338.289	0.004000	mg/L	2.289	43.5	5.26002
Al 237.312	0.100000	mg/L	4.536	2.6	175.675
Al 257.509	0.100000	mg/L	9.820	12.1	81.3326
Al 308.215	0.100000	mg/L	13.938	0.8	1813.52
As 188.980	0.020000	mg/L	2.784	20.8	13.3790
As 193.696	0.020000	mg/L	0.753	7.1	10.6355
As 228.812	0.020000	mg/L	31.415	115.4	27.2122
B 182.577	0.020000	mg/L	0.081	0.7	12.4100
B 249.678	0.020000	mg/L	9.743	4.6	212.441
B 249.772	0.020000	mg/L	10.727	2.8	389.694
Ba 233.527	0.020000	mg/L	1.111	0.1	938.735
Ba 455.403	0.020000	mg/L	45.037	0.2	21678.7
Ba 493.408	0.020000	mg/L	30.389	0.2	13109.3
Be 234.861	0.020000	mg/L	5.748	0.3	2288.83
Be 313.042	0.020000	mg/L	214.385	0.6	34125.1
Be 313.107	0.020000	mg/L	112.322	0.7	16720.6
Ca 393.366	0.200000n	mg/L	586.522	0.2	263044
Ca 396.847	0.200000	mg/L	620.707	0.1	424796
Ca 430.253	0.200000	mg/L	17.791	0.9	2069.60
Cd 214.439	0.010000	mg/L	1.700	0.9	182.420
Cd 226.502	0.010000	mg/L	2.788	0.7	381.806
Cd 228.802	0.010000	mg/L	4.446	2.9	153.307
Co 228.615	0.020000	mg/L	0.586	0.3	168.128
Co 230.786	0.020000	mg/L	1.096	0.9	126.285
Co 238.892	0.020000	mg/L	1.862	1.6	115.919
Cr 205.560	0.020000	mg/L	1.610	1.9	85.3406
Cr 206.158	0.020000	mg/L	1.108	3.3	33.6219
Cr 267.716	0.020000	mg/L	1.491	0.3	454.987
Cu 213.598	0.020000	mg/L	3.937	5.1	77.2538
Cu 324.754	0.020000	mg/L	11.277	1.2	963.269
Cu 327.395	0.020000	mg/L	15.290	1.8	852.842
Fe 234.350	0.020000	mg/L	14.388	8.1	178.011
Fe 238.204	0.020000	mg/L	19.554	5.2	373.572
Fe 259.940	0.020000	mg/L	14.899	4.5	330.367
Ga 287.423	0.020000	mg/L	14.433	23.0	62.8019
Ga 294.363	0.020000	mg/L	7.816	6.3	124.632
Ga 417.204	0.020000	mg/L	22.451	8.4	268.274
K 766.491	0.200000	mg/L	17.684	0.1	15578.8
K 769.897	0.200000	mg/L	90.633	0.4	23438.2
Li 610.365	0.040000	mg/L	17.828	2.3	764.077
Li 670.783	0.040000	mg/L	204.053	0.1	211635
Mg 279.078	0.200000	mg/L	6.281	1.9	328.504
Mg 280.270	0.200000	mg/L	73.671	0.4	20190.8
Mg 285.213	0.200000	mg/L	31.069	0.4	6967.93
Mn 257.610	0.020000	mg/L	45.415	1.6	2860.92
Mn 259.372	0.020000	mg/L	39.694	1.8	2172.68
Mn 260.568	0.020000	mg/L	2.961	0.8	370.167
Mo 202.032	0.040000	mg/L	2.372	1.6	147.741
Mo 203.846	0.040000	mg/L	1.852	3.1	59.0810

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.040000	mg/L	1.910	2.9	66.8914
Ni 216.555	0.040000	mg/L	2.186	1.1	202.589
Ni 221.648	0.040000	mg/L	1.942	2.4	81.1424
Ni 231.604	0.040000	mg/L	2.800	2.0	137.396
P 177.434	0.020000	mg/L	0.296	5.0	5.92699
P 213.618	0.020000	mg/L	3.280	23.8	13.7811
P 214.914	0.020000	mg/L	0.579	9.6	6.00037
Pb 220.353	0.040000	mg/L	0.859	1.8	46.5417
Pb 261.417	0.040000	mg/L	3.703	12.1	30.5408
Pb 405.781	0.040000	mg/L	16.119	15.3	105.272
Sb 206.834	0.040000	mg/L	0.685	2.1	32.6118
Sb 231.146	0.040000	mg/L	1.228	5.5	22.3587
Sb 259.804	0.040000	mg/L	3.294	22.3	14.7516
Se 196.026	0.040000	mg/L	0.266	1.8	15.0649
Se 203.985	0.040000	mg/L	1.298	12.7	10.2340
Si 250.690	0.040000	mg/L	4.419	5.2	85.0874
Si 251.611	0.040000	mg/L	3.163	3.7	85.7781
Si 288.158	0.040000	mg/L	9.205	1.0	965.145
Sn 189.927	0.040000	mg/L	1.936	13.0	14.9045
Sn 283.998	0.040000	mg/L	33.403	45.7	73.0331
Sr 216.596	0.020000	mg/L	2.823	1.7	170.802
Sr 407.771	0.020000	mg/L	61.433	0.1	55667.3
Sr 421.552	0.020000	mg/L	89.981	0.3	35866.0
Ti 334.941	0.020000	mg/L	13.303	0.3	4335.64
Ti 336.122	0.020000	mg/L	16.339	0.9	1845.31
Ti 337.280	0.020000	mg/L	6.714	1.1	587.000
Tl 190.794	0.020000	mg/L	0.158	1.7	9.44527
Tl 190.807	0.020000	mg/L	0.188	6.8	2.75231
Tl 351.923	0.020000	mg/L	6.424	11.3	56.6464
V 268.796	0.020000	mg/L	55.140	28.7	191.902
V 292.401	0.020000	mg/L	8.034	1.3	628.909
V 311.837	0.020000	mg/L	8.573	1.1	765.231
Zn 202.548	0.020000	mg/L	18.464	2.4	775.778
Zn 206.200	0.020000	mg/L	2.445	1.0	251.612
Zn 213.857	0.020000	mg/L	36.726	2.5	1464.57

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.970512	7782.32	32.558	0.4
Y 371.029	0.821650	135496	638.110	0.5

Standard 4 (Std) **4/27/2011, 11:44:07 AM** **Rack 2, Tube 5**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.020000	mg/L	8.473	0.6	1400.97
Ag 338.289	0.020000	mg/L	7.237	21.3	34.0432
Al 237.312	0.500000	mg/L	1.138	0.2	661.304
Al 257.509	0.500000	mg/L	4.912	1.6	305.700
Al 308.215	0.500000	mg/L	17.168	0.4	4184.45
As 188.980	0.100000	mg/L	1.633	4.3	38.2639
As 193.696	0.100000	mg/L	0.776	1.8	43.6189
As 228.812	0.100000	mg/L	107.245	111.2	96.4251

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
B 182.577	0.100000	mg/L	0.863	1.8	46.6637
B 249.678	0.100000	mg/L	15.629	1.7	896.239
B 249.772	0.100000	mg/L	20.544	1.2	1700.63
Ba 233.527	0.100000	mg/L	15.521	0.4	4020.06
Ba 455.403	0.100000	mg/L	75.802	0.1	91074.3
Ba 493.408	0.100000	mg/L	57.525	0.1	56299.1
Be 234.861	0.100000	mg/L	119.704	1.0	11435.5
Be 313.042	0.100000	mg/L	214.717	0.1	168503
Be 313.107	0.100000	mg/L	76.746	0.1	83127.2
Ca 393.366	1.00000n	mg/L	1828.306	0.1	1251732
Ca 396.847	1.00000	mg/L	2873.192	0.1	2026319
Ca 430.253	1.00000	mg/L	33.131	0.6	5430.64
Cd 214.439	0.050000	mg/L	4.339	0.5	915.402
Cd 226.502	0.050000	mg/L	5.166	0.3	1834.63
Cd 228.802	0.050000	mg/L	2.142	0.3	698.418
Co 228.615	0.100000	mg/L	8.561	1.0	859.417
Co 230.786	0.100000	mg/L	0.640	0.1	607.117
Co 238.892	0.100000	mg/L	3.552	0.6	560.890
Cr 205.560	0.100000	mg/L	2.861	0.7	402.294
Cr 206.158	0.100000	mg/L	1.341	0.8	162.383
Cr 267.716	0.100000	mg/L	6.067	0.3	2190.28
Cu 213.598	0.100000	mg/L	3.840	1.0	380.468
Cu 324.754	0.100000	mg/L	14.547	0.4	3481.51
Cu 327.395	0.100000	mg/L	17.899	0.4	4170.18
Fe 234.350	0.100000	mg/L	65.543	7.4	888.157
Fe 238.204	0.100000	mg/L	82.748	4.5	1838.86
Fe 259.940	0.100000	mg/L	60.079	3.9	1528.32
Ga 287.423	0.100000	mg/L	6.766	2.9	231.114
Ga 294.363	0.100000	mg/L	3.022	0.5	591.690
Ga 417.204	0.100000	mg/L	71.199	7.6	934.201
K 766.491	1.00000	mg/L	210.178	0.3	70658.7
K 769.897	1.00000	mg/L	546.402	0.8	66970.3
Li 610.365	0.200000	mg/L	39.191	0.5	7970.88
Li 670.783	0.200000	mg/L	1559.438	0.2	768546
Mg 279.078	1.00000	mg/L	2.825	0.2	1622.50
Mg 280.270	1.00000	mg/L	1310.740	1.3	101877
Mg 285.213	1.00000	mg/L	167.023	0.5	35240.4
Mn 257.610	0.100000	mg/L	226.202	1.6	14295.9
Mn 259.372	0.100000	mg/L	202.146	1.9	10701.7
Mn 260.568	0.100000	mg/L	13.968	0.8	1843.61
Mo 202.032	0.200000	mg/L	6.885	1.0	675.830
Mo 203.846	0.200000	mg/L	4.220	1.5	284.351
Mo 204.598	0.200000	mg/L	3.039	0.9	328.970
Na 568.821	1.00000	mg/L	9.840	2.2	451.847
Na 588.995	1.00000	mg/L	3471.572	0.4	812315
Na 589.592	1.00000	mg/L	891.525	0.2	380002
Ni 216.555	0.200000	mg/L	2.415	0.2	997.533
Ni 221.648	0.200000	mg/L	1.843	0.5	395.221
Ni 231.604	0.200000	mg/L	1.113	0.2	674.177
P 177.434	0.100000	mg/L	0.616	3.7	16.4884
P 213.618	0.100000	mg/L	4.683	7.0	66.4826

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
P 214.914	0.100000	mg/L	1.593	7.9	20.1166
Pb 220.353	0.200000	mg/L	2.412	1.1	220.760
Pb 261.417	0.200000	mg/L	4.752	4.4	107.625
Pb 405.781	0.200000	mg/L	5.452	1.8	307.853
Sb 206.834	0.200000	mg/L	1.430	1.0	136.916
Sb 231.146	0.200000	mg/L	2.250	2.2	101.909
Sb 259.804	0.200000	mg/L	1.838	2.1	85.9050
Se 196.026	0.200000	mg/L	1.403	2.4	59.0498
Se 203.985	0.200000	mg/L	3.269	9.4	34.6423
Si 250.690	0.200000	mg/L	6.093	1.9	328.179
Si 251.611	0.200000	mg/L	8.646	2.4	354.111
Si 288.158	0.200000	mg/L	11.629	0.5	2408.54
Sn 189.927	0.200000	mg/L	0.989	1.6	61.7841
Sn 283.998	0.200000	mg/L	126.376	44.2	285.952
Sr 216.596	0.100000	mg/L	1.864	0.2	789.695
Sr 407.771	0.100000	mg/L	833.965	0.3	255294
Sr 421.552	0.100000	mg/L	700.894	0.4	165178
Ti 334.941	0.100000	mg/L	161.663	0.7	21593.8
Ti 336.122	0.100000	mg/L	108.880	1.2	9028.53
Ti 337.280	0.100000	mg/L	11.046	0.4	3039.86
Tl 190.794	0.100000	mg/L	0.737	2.1	34.4249
Tl 190.807	0.100000	mg/L	0.858	5.1	16.8434
Tl 351.923	0.100000	mg/L	9.580	5.4	176.992
V 268.796	0.100000	mg/L	255.168	29.8	856.467
V 292.401	0.100000	mg/L	9.530	0.3	3015.73
V 311.837	0.100000	mg/L	9.839	0.2	4003.86
Zn 202.548	0.100000	mg/L	28.705	2.0	1455.44
Zn 206.200	0.100000	mg/L	3.808	0.8	476.242
Zn 213.857	0.100000	mg/L	64.789	2.3	2778.50

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.969635	7775.29	13.609	0.2
Y 371.029	0.822135	135576	189.448	0.1

Standard 5 (Std) **4/27/2011, 11:47:53 AM** **Rack 2, Tube 6**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.100000	mg/L	9.513	0.2	5262.59
Ag 338.289	0.100000	mg/L	9.193	3.4	268.749
Al 237.312	2.50000	mg/L	14.368	0.4	3194.78
Al 257.509	2.50000	mg/L	12.333	0.8	1486.17
Al 308.215	2.50000	mg/L	71.388	0.4	16458.3
As 188.980	0.500000	mg/L	1.378	0.8	171.389
As 193.696	0.500000	mg/L	0.813	0.4	204.327
As 228.812	0.500000	mg/L	569.483	113.7	500.988
B 182.577	0.500000	mg/L	1.567	0.7	211.975
B 249.678	0.500000	mg/L	50.169	1.2	4240.32
B 249.772	0.500000	mg/L	201.665	2.5	7997.23
Ba 233.527	0.500000	mg/L	96.498	0.5	19557.6
Ba 455.403	0.500000	mg/L	713.069	0.2	449310
Ba 493.408	0.500000	mg/L	771.074	0.3	271178

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.500000	mg/L	501.998	0.8	59079.3
Be 313.042	0.500000	mg/L	1944.282	0.2	853404
Be 313.107	0.500000	mg/L	1289.429	0.3	422580
Ca 393.366	5.00000n	mg/L	96126.297	1.6	5916652
Ca 396.847	5.00000	mg/L	30118.086	0.3	9633174
Ca 430.253	5.00000	mg/L	102.831	0.5	22746.8
Cd 214.439	0.250000	mg/L	20.582	0.4	4700.01
Cd 226.502	0.250000	mg/L	29.718	0.3	9174.70
Cd 228.802	0.250000	mg/L	20.716	0.6	3523.62
Co 228.615	0.500000	mg/L	31.389	0.7	4377.99
Co 230.786	0.500000	mg/L	19.171	0.6	3115.52
Co 238.892	0.500000	mg/L	11.871	0.4	2871.08
Cr 205.560	0.500000	mg/L	6.679	0.3	2038.75
Cr 206.158	0.500000	mg/L	3.791	0.5	821.151
Cr 267.716	0.500000	mg/L	38.278	0.4	10852.3
Cu 213.598	0.500000	mg/L	16.004	0.8	1979.65
Cu 324.754	0.500000	mg/L	54.546	0.3	16479.5
Cu 327.395	0.500000	mg/L	31.132	0.1	21412.2
Fe 234.350	0.500000	mg/L	338.037	7.4	4577.55
Fe 238.204	0.500000	mg/L	435.907	4.7	9287.95
Fe 259.940	0.500000	mg/L	308.952	4.0	7724.87
Ga 287.423	0.500000	mg/L	35.251	3.1	1127.76
Ga 294.363	0.500000	mg/L	19.390	0.6	3056.31
Ga 417.204	0.500000	mg/L	334.098	7.6	4422.49
K 766.491	5.00000	mg/L	701.665	0.2	361023
K 769.897	5.00000	mg/L	517.796	0.2	299199
Li 610.365	1.00000	mg/L	61.037	0.1	50097.3
Li 670.783	1.00000	mg/L	11269.432	0.3	3715752
Mg 279.078	5.00000	mg/L	17.336	0.2	8195.91
Mg 280.270	5.00000	mg/L	1733.266	0.3	514432
Mg 285.213	5.00000	mg/L	790.227	0.4	184811
Mn 257.610	0.500000	mg/L	1865.861	2.5	73899.2
Mn 259.372	0.500000	mg/L	1519.522	2.8	55074.6
Mn 260.568	0.500000	mg/L	97.648	1.0	9437.61
Mo 202.032	1.00000	mg/L	42.803	1.2	3568.56
Mo 203.846	1.00000	mg/L	20.710	1.4	1498.10
Mo 204.598	1.00000	mg/L	22.259	1.3	1750.08
Na 568.821	5.00000	mg/L	36.169	2.5	1419.47
Na 588.995	5.00000	mg/L	6696.569	0.2	3416917
Na 589.592	5.00000	mg/L	3892.162	0.2	1660770
Ni 216.555	1.00000	mg/L	12.731	0.2	5150.88
Ni 221.648	1.00000	mg/L	5.086	0.3	2029.24
Ni 231.604	1.00000	mg/L	23.246	0.7	3471.97
P 177.434	0.500000	mg/L	2.017	2.6	76.6168
P 213.618	0.500000	mg/L	19.450	5.9	330.852
P 214.914	0.500000	mg/L	6.963	8.0	86.8900
Pb 220.353	1.00000	mg/L	4.997	0.5	1105.24
Pb 261.417	1.00000	mg/L	5.414	1.0	515.885
Pb 405.781	1.00000	mg/L	13.506	1.0	1318.70
Sb 206.834	1.00000	mg/L	7.010	1.5	478.628
Sb 231.146	1.00000	mg/L	7.392	2.0	375.862

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sb 259.804	1.00000	mg/L	3.668	1.2	297.225
Se 196.026	1.00000	mg/L	5.404	1.9	292.025
Se 203.985	1.00000	mg/L	11.247	6.8	166.094
Si 250.690	1.00000	mg/L	15.040	1.1	1350.02
Si 251.611	1.00000	mg/L	36.264	2.4	1490.94
Si 288.158	1.00000	mg/L	29.213	0.4	8246.73
Sn 189.927	1.00000	mg/L	0.413	0.1	299.515
Sn 283.998	1.00000	mg/L	626.376	45.2	1386.72
Sr 216.596	0.500000	mg/L	10.843	0.3	3980.71
Sr 407.771	0.500000	mg/L	10995.284	0.9	1254253
Sr 421.552	0.500000	mg/L	2900.402	0.4	813998
Ti 334.941	0.500000	mg/L	310.311	0.3	106812
Ti 336.122	0.500000	mg/L	464.987	1.0	45239.4
Ti 337.280	0.500000	mg/L	61.905	0.4	15295.9
Tl 190.794	0.500000	mg/L	1.658	0.9	175.791
Tl 190.807	0.500000	mg/L	2.346	2.6	88.8883
Tl 351.923	0.500000	mg/L	1.903	0.2	822.737
V 268.796	0.500000	mg/L	1358.526	31.9	4255.23
V 292.401	0.500000	mg/L	67.791	0.4	15094.4
V 311.837	0.500000	mg/L	80.596	0.4	20978.4
Zn 202.548	0.500000	mg/L	106.602	2.0	5209.16
Zn 206.200	0.500000	mg/L	12.670	0.7	1705.60
Zn 213.857	0.500000	mg/L	245.358	2.5	9805.91

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.975563	7822.83	30.629	0.4
Y 371.029	0.825517	136133	528.940	0.4

Standard 6 (Std) **4/27/2011, 11:52:07 AM** **Rack 2, Tube 7**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.400000	mg/L	75.737	0.4	20084.5
Ag 338.289	0.400000	mg/L	36.998	3.0	1213.44
Al 237.312	10.0000	mg/L	58.165	0.5	12163.2
Al 257.509	10.0000	mg/L	12.921	0.2	5703.44
Al 308.215	10.0000	mg/L	281.691	0.5	59768.6
As 188.980	2.00000	mg/L	4.364	0.6	686.875
As 193.696	2.00000	mg/L	3.429	0.4	834.361
As 228.812	2.00000	mg/L	2000.587	110.9	1804.41
B 182.577	2.00000	mg/L	14.735	1.7	845.506
B 249.678	2.00000	mg/L	185.669	1.1	16959.8
B 249.772	2.00000	mg/L	345.220	1.1	32635.7
Ba 233.527	2.00000	mg/L	205.192	0.3	77204.8
Ba 455.403	2.00000	mg/L	3784.797	0.2	1720564
Ba 493.408	2.00000	mg/L	2777.742	0.3	1043899
Be 234.861	2.00000	mg/L	452.487	0.2	234132
Be 313.042	2.00000	mg/L	7839.602	0.2	3373185
Be 313.107	2.00000	mg/L	4198.291	0.3	1670614
Ca 393.366	20.0000n	mg/L	53973.035	0.3	19298892
Ca 396.847	20.0000o	mg/L	63949.762	0.2	34461380
Ca 430.253	20.0000	mg/L	379.776	0.5	83833.7

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 214.439	1.00000	mg/L	110.903	0.6	18355.7
Cd 226.502	1.00000	mg/L	85.507	0.2	36186.0
Cd 228.802	1.00000	mg/L	59.912	0.4	13713.0
Co 228.615	2.00000	mg/L	121.261	0.7	17071.7
Co 230.786	2.00000	mg/L	79.281	0.7	12002.3
Co 238.892	2.00000	mg/L	53.710	0.5	11037.5
Cr 205.560	2.00000	mg/L	80.191	1.0	8036.45
Cr 206.158	2.00000	mg/L	27.273	0.8	3226.82
Cr 267.716	2.00000	mg/L	173.720	0.4	42790.0
Cu 213.598	2.00000	mg/L	86.813	1.1	7756.07
Cu 324.754	2.00000	mg/L	362.076	0.6	63839.2
Cu 327.395	2.00000	mg/L	383.731	0.5	84038.4
Fe 234.350	2.00000	mg/L	1242.998	7.2	17330.7
Fe 238.204	2.00000	mg/L	1581.674	4.4	35907.9
Fe 259.940	2.00000	mg/L	1146.973	3.9	29277.1
Ga 287.423	2.00000	mg/L	130.507	2.9	4435.23
Ga 294.363	2.00000	mg/L	72.806	0.6	11843.3
Ga 417.204	2.00000	mg/L	1319.405	7.6	17375.3
K 766.491	20.0000	mg/L	4392.266	0.3	1324753
K 769.897	20.0000	mg/L	3285.730	0.3	1120502
Li 610.365	4.00000	mg/L	562.301	0.3	207725
Li 670.783	4.00000	mg/L	17800.631	0.1	13209526
Mg 279.078	20.0000	mg/L	90.403	0.3	32365.8
Mg 280.270	20.0000	mg/L	10846.192	0.6	1888428
Mg 285.213	20.0000	mg/L	4538.361	0.6	725875
Mn 257.610	2.00000	mg/L	4406.531	1.5	285811
Mn 259.372	2.00000	mg/L	4309.470	2.0	213171
Mn 260.568	2.00000	mg/L	465.040	1.3	36769.0
Mo 202.032	4.00000	mg/L	226.364	1.6	14454.4
Mo 203.846	4.00000	mg/L	87.418	1.4	6173.43
Mo 204.598	4.00000	mg/L	117.081	1.6	7274.16
Na 568.821	20.0000	mg/L	85.342	1.7	4977.39
Na 588.995	20.0000	mg/L	20706.063	0.2	11473447
Na 589.592	20.0000	mg/L	14401.320	0.2	6108392
Ni 216.555	4.00000	mg/L	61.795	0.3	19982.0
Ni 221.648	4.00000	mg/L	22.768	0.3	7939.88
Ni 231.604	4.00000	mg/L	80.994	0.6	13314.1
P 177.434	2.00000	mg/L	2.624	0.9	300.027
P 213.618	2.00000	mg/L	59.584	4.5	1317.61
P 214.914	2.00000	mg/L	27.016	7.9	343.021
Pb 220.353	4.00000	mg/L	12.811	0.3	4331.27
Pb 261.417	4.00000	mg/L	9.898	0.5	2000.83
Pb 405.781	4.00000	mg/L	52.515	1.0	5054.28
Sb 206.834	4.00000	mg/L	53.976	2.4	2286.73
Sb 231.146	4.00000	mg/L	38.841	2.2	1743.67
Sb 259.804	4.00000	mg/L	39.106	2.8	1407.00
Se 196.026	4.00000	mg/L	16.339	1.4	1197.43
Se 203.985	4.00000	mg/L	42.609	6.3	672.148
Si 250.690	4.00000	mg/L	43.549	0.9	4901.52
Si 251.611	4.00000	mg/L	127.750	2.3	5445.58
Si 288.158	4.00000	mg/L	128.679	0.4	29077.5

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sn 189.927	4.00000	mg/L	9.038	0.8	1193.49
Sn 283.998	4.00000	mg/L	2425.494	44.5	5456.32
Sr 216.596	2.00000	mg/L	45.240	0.3	15508.5
Sr 407.771	2.00000	mg/L	23782.115	0.5	4870969
Sr 421.552	2.00000	mg/L	21000.143	0.7	3188105
Ti 334.941	2.00000	mg/L	1902.661	0.4	428590
Ti 336.122	2.00000	mg/L	927.234	0.5	179219
Ti 337.280	2.00000	mg/L	280.520	0.5	61335.3
Tl 190.794	2.00000	mg/L	4.800	0.7	694.505
Tl 190.807	2.00000	mg/L	6.575	1.9	349.801
Tl 351.923	2.00000	mg/L	11.935	0.4	3179.31
V 268.796	2.00000	mg/L	5453.325	33.0	16535.4
V 292.401	2.00000	mg/L	163.642	0.3	59568.8
V 311.837	2.00000	mg/L	341.388	0.4	83080.5
Zn 202.548	2.00000	mg/L	342.509	2.0	17535.8
Zn 206.200	2.00000	mg/L	59.943	1.0	5753.96
Zn 213.857	2.00000	mg/L	797.359	2.4	33582.5

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.976789	7832.66	10.502	0.1
Y 371.029	0.825856	136189	164.049	0.1

Standard 7 (Std) **4/27/2011, 11:56:20 AM** **Rack 2, Tube 8**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ca 393.366	100.000on	mg/L	609222.625	1.3	47115900
Ca 396.847	100.000o	mg/L	520652.000	1.1	48038232
Ca 430.253	100.000	mg/L	1765.165	0.4	429462
Mg 279.078	100.000	mg/L	71.400	0.0	160783
Mg 280.270	100.000	mg/L	96129.250	1.3	7233244
Mg 285.213	100.000	mg/L	34344.625	1.0	3343513
Na 568.821	100.000	mg/L	436.720	1.7	26083.0
Na 588.995	100.000o	mg/L	153074.078	0.4	36241764
Na 589.592	100.000o	mg/L	172473.328	0.6	28203994

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.922807	7399.78	31.366	0.4
Y 371.029	0.789765	130238	656.538	0.5

Ag 328.068 Calibration (mg/L) **4/27/2011, 11:52:07 AM** **Correlation Coefficient: 0.999981**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		497.820	0.000000	0.000489	-	-
Standard 2		508.529	0.001000	0.000712	-0.000288	-28.8
Standard 3		635.447	0.004000	0.003354	-0.000646	-16.1
Standard 4		1400.97	0.020000	0.019289	-0.000711	-3.6
Standard 5		5262.59	0.100000	0.099673	-0.000327	-0.3
Standard 6		20084.5	0.400000	0.408207	0.008207	2.1

Curve Type: Linear Equation: y = 48039.9 x + 474.3

Ag 338.289 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999514

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-0.928841	0.000000	0.001128	-	-
Standard 2		2.96432	0.001000	0.002494	0.001494	149.4
Standard 3		5.26002	0.004000	0.003300	-0.000700	-17.5
Standard 4		34.0432	0.020000	0.013398	-0.006602	-33.0
Standard 5		268.749	0.100000	0.095747	-0.004253	-4.3
Standard 6		1213.44	0.400000	0.427202	0.027202	6.8

Maximum error exceeded.
Curve Type: Linear Equation: y = 2850.1 x + -4.1

Al 237.312 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999954

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		59.2836	0.000000	0.009008	-	-
Standard 2		82.5582	0.025000	0.027954	0.002954	11.8
Standard 3		175.675	0.100000	0.103755	0.003755	3.8
Standard 4		661.304	0.500000	0.499075	-0.000925	-0.2
Standard 5		3194.78	2.50000	2.56142	0.061419	2.5
Standard 6		12163.2	10.0000	9.86203	-0.137967	-1.4

Curve Type: Linear Equation: y = 1228.4 x + 48.2

Al 257.509 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999967

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		21.0511	0.000000	0.004133	-	-
Standard 2		32.2438	0.025000	0.023779	-0.001221	-4.9
Standard 3		81.3326	0.100000	0.109941	0.009941	9.9
Standard 4		305.700	0.500000	0.503757	0.003757	0.8
Standard 5		1486.17	2.50000	2.57574	0.075742	3.0
Standard 6		5703.44	10.0000	9.97802	-0.021981	-0.2

Curve Type: Linear Equation: y = 569.7 x + 18.7

Al 308.215 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999947

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1272.45	0.000000	0.003220	-	-
Standard 2		1375.11	0.025000	0.020546	-0.004454	-17.8
Standard 3		1813.52	0.100000	0.094535	-0.005465	-5.5
Standard 4		4184.45	0.500000	0.494668	-0.005332	-1.1
Standard 5		16458.3	2.50000	2.56607	0.066072	2.6
Standard 6		59768.6	10.0000	9.87539	-0.124607	-1.2

Curve Type: Linear Equation: y = 5925.4 x + 1253.4

As 188.980 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999974

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.65395	0.000000	0.001956	-	-
Standard 2		6.91034	0.005000	0.005676	0.000676	13.5
Standard 3		13.3790	0.020000	0.024828	0.004828	24.1
Standard 4		38.2639	0.100000	0.098505	-0.001495	-1.5
Standard 5		171.389	0.500000	0.492648	-0.007352	-1.5
Standard 6		686.875	2.00000	2.01884	0.018841	0.9

Curve Type: Linear Equation: y = 337.8 x + 5.0

As 193.696 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999970

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.32223	0.000000	-0.000744	-	-
Standard 2		5.70887	0.005000	0.009934	0.004934	98.7
Standard 3		10.6355	0.020000	0.021925	0.001925	9.6
Standard 4		43.6189	0.100000	0.102207	0.002207	2.2
Standard 5		204.327	0.500000	0.493373	-0.006627	-1.3
Standard 6		834.361	2.00000	2.02688	0.026884	1.3

Curve Type: Linear Equation: y = 410.8 x + 1.6

As 228.812 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999681

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.8198	0.000000	0.000402	-	-
Standard 2		10.6877	0.005000	0.000250	-0.004750	-95.0
Standard 3		27.2122	0.020000	0.019192	-0.000808	-4.0
Standard 4		96.4251	0.100000	0.098530	-0.001470	-1.5
Standard 5		500.988	0.500000	0.562277	0.062277	12.5
Standard 6		1804.41	2.00000	2.05639	0.056385	2.8

Curve Type: Linear Equation: y = 872.4 x + 10.5

B 182.577 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.84231	0.000000	-0.000527	-	-
Standard 3		12.4100	0.020000	0.019995	-0.000005	0.0
Standard 4		46.6637	0.100000	0.102044	0.002044	2.0
Standard 5		211.975	0.500000	0.498020	-0.001980	-0.4
Standard 6		845.506	2.00000	2.01554	0.015538	0.8

Curve Type: Linear Equation: y = 417.5 x + 4.1

B 249.678 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		40.2778	0.000000	-0.000179	-	-
Standard 3		212.441	0.020000	0.020196	0.000196	1.0
Standard 4		896.239	0.100000	0.101118	0.001118	1.1
Standard 5		4240.32	0.500000	0.496866	-0.003134	-0.6
Standard 6		16959.8	2.00000	2.00213	0.002128	0.1

Curve Type: Linear Equation: y = 8450.0 x + 41.8

B 249.772 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999977

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		64.7502	0.000000	-0.000034	-	-
Standard 3		389.694	0.020000	0.019941	-0.000059	-0.3
Standard 4		1700.63	0.100000	0.100529	0.000529	0.5
Standard 5		7997.23	0.500000	0.487604	-0.012396	-2.5
Standard 6		32635.7	2.00000	2.00222	0.002220	0.1

Curve Type: Linear Equation: y = 16267.1 x + 65.3

Ba 233.527 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		178.873	0.000000	0.000108	-	-
Standard 2		372.834	0.005000	0.005169	0.000169	3.4
Standard 3		938.735	0.020000	0.019934	-0.000066	-0.3
Standard 4		4020.06	0.100000	0.100330	0.000330	0.3
Standard 5		19557.6	0.500000	0.505726	0.005726	1.1
Standard 6		77204.8	2.00000	2.00982	0.009817	0.5

Curve Type: Linear Equation: y = 38326.9 x + 174.7

Ba 455.403 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999954

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3976.66	0.000000	-0.000038	-	-
Standard 2		8418.51	0.005000	0.005043	0.000043	0.9
Standard 3		21678.7	0.020000	0.020211	0.000211	1.1
Standard 4		91074.3	0.100000	0.099589	-0.000411	-0.4
Standard 5		449310	0.500000	0.509356	0.009356	1.9
Standard 6		1720564	2.00000	1.96348	-0.036523	-1.8

Curve Type: Linear Equation: y = 874242.3 x + 4009.8

Ba 493.408 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999967

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2446.85	0.000000	-0.000053	-	-
Standard 2		5157.62	0.005000	0.005009	0.000009	0.2
Standard 3		13109.3	0.020000	0.019856	-0.000144	-0.7
Standard 4		56299.1	0.100000	0.100497	0.000497	0.5
Standard 5		271178	0.500000	0.501708	0.001708	0.3
Standard 6		1043899	2.00000	1.94449	-0.055508	-2.8

Curve Type: Linear Equation: y = 535576.2 x + 2475.0

Be 234.861 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.26508	0.000000	0.000043	-	-
Standard 1		113.222	0.001000	0.001007	0.000007	0.7
Standard 2		574.535	0.005000	0.004979	-0.000021	-0.4
Standard 3		2288.83	0.020000	0.019737	-0.000263	-1.3
Standard 4		11435.5	0.100000	0.098484	-0.001516	-1.5
Standard 5		59079.3	0.500000	0.508662	0.008662	1.7
Standard 6		234132	2.00000	2.01574	0.015737	0.8

Curve Type: Linear Equation: y = 116154.0 x + -3.8

Be 313.042 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		372.746	0.000000	0.000026	-	-
Standard 1		2004.06	0.001000	0.000992	-0.000008	-0.8
Standard 2		8773.31	0.005000	0.005001	0.000001	0.0
Standard 3		34125.1	0.020000	0.020016	0.000016	0.1
Standard 4		168503	0.100000	0.099602	-0.000398	-0.4
Standard 5		853404	0.500000	0.505235	0.005235	1.0
Standard 6		3373185	2.00000	1.99758	-0.002422	-0.1

Curve Type: Linear Equation: y = 1688473.4 x + 328.4

Be 313.107 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		87.0514	0.000000	0.000014	-	-
Standard 1		896.903	0.001000	0.000987	-0.000013	-1.3
Standard 2		4234.04	0.005000	0.004999	-0.000001	0.0
Standard 3		16720.6	0.020000	0.020007	0.000007	0.0
Standard 4		83127.2	0.100000	0.099827	-0.000173	-0.2
Standard 5		422580	0.500000	0.507847	0.007847	1.6
Standard 6		1670614	2.00000	2.00797	0.007973	0.4

Curve Type: Linear Equation: y = 831952.6 x + 75.5

Ca 393.366 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.998435

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank	n	18221.2	0.000000	-0.000162	-	-
Standard 2	n	80298.0	0.050000	0.052768	0.002768	5.5
Standard 3	n	263044	0.200000	0.208588	0.008588	4.3
Standard 4	n	1251732	1.00000	1.05160	0.051599	5.2
Standard 5	n	5916652	5.00000	5.02918	0.029178	0.6
Standard 6	n	19298892	20.0000	16.4396	-3.56036	-17.8

Curve Type: Linear Equation: y = 1172804.1 x + 18411.4

Ca 396.847 Calibration (mg/L) 4/27/2011, 11:47:53 AM Correlation Coefficient: 0.999968

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		29132.9	0.000000	0.000020	-	-
Standard 2		126889	0.050000	0.049431	-0.000569	-1.1
Standard 3		424796	0.200000	0.200009	0.000009	0.0
Standard 4		2026319	1.00000	1.00950	0.009503	1.0
Standard 5		9633174	5.00000	4.85441	-0.145591	-2.9

Curve Type: Linear Equation: y = 1978424.4 x + 29093.7

Ca 430.253 Calibration (mg/L) 4/27/2011, 11:56:20 AM Correlation Coefficient: 0.999974

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1029.78	0.000000	-0.039671	-	-
Standard 2		1381.80	0.050000	0.043337	-0.006663	-13.3
Standard 3		2069.60	0.200000	0.205523	0.005523	2.8
Standard 4		5430.64	1.00000	0.998071	-0.001929	-0.2
Standard 5		22746.8	5.00000	5.08131	0.081310	1.6
Standard 6		83833.7	20.0000	19.4859	-0.514109	-2.6
Standard 7		429462	100.000	100.987	0.986633	1.0

Curve Type: Linear Equation: y = 4240.8 x + 1198.0

Cd 214.439 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999981

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.38202	0.000000	0.000219	-	-
Standard 1		11.2856	0.000500	0.000592	0.000092	18.4
Standard 2		48.0929	0.002500	0.002582	0.000082	3.3
Standard 3		182.420	0.010000	0.009846	-0.000154	-1.5
Standard 4		915.402	0.050000	0.049481	-0.000519	-1.0
Standard 5		4700.01	0.250000	0.254131	0.004131	1.7
Standard 6		18355.7	1.00000	0.992553	-0.007447	-0.7

Curve Type: Linear Equation: y = 18493.1 x + 0.3

Cd 226.502 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		22.6027	0.000000	0.000008	-	-
Standard 1		41.0879	0.000500	0.000518	0.000018	3.5
Standard 2		112.479	0.002500	0.002485	-0.000015	-0.6
Standard 3		381.806	0.010000	0.009909	-0.000091	-0.9
Standard 4		1834.63	0.050000	0.049953	-0.000047	-0.1
Standard 5		9174.70	0.250000	0.252268	0.002268	0.9
Standard 6		36186.0	1.00000	0.996782	-0.003218	-0.3

Curve Type: Linear Equation: y = 36280.5 x + 22.3

Cd 228.802 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999981

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		16.9019	0.000000	-0.000025	-	-
Standard 1		25.7987	0.000500	0.000625	0.000125	24.9
Standard 2		54.8844	0.002500	0.002747	0.000247	9.9
Standard 3		153.307	0.010000	0.009928	-0.000072	-0.7
Standard 4		698.418	0.050000	0.049702	-0.000298	-0.6
Standard 5		3523.62	0.250000	0.255843	0.005843	2.3
Standard 6		13713.0	1.00000	0.999310	-0.000690	-0.1

Curve Type: Linear Equation: y = 13705.2 x + 17.2

Co 228.615 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999978

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.02436	0.000000	0.000856	-	-
Standard 2		44.8328	0.005000	0.005503	0.000503	10.1
Standard 3		168.128	0.020000	0.019899	-0.000101	-0.5
Standard 4		859.417	0.100000	0.100612	0.000612	0.6
Standard 5		4377.99	0.500000	0.511428	0.011428	2.3
Standard 6		17071.7	2.00000	1.99350	-0.006502	-0.3

Curve Type: Linear Equation: y = 8564.8 x + -2.3

Co 230.786 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999955

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.04983	0.000000	0.000178	-	-
Standard 2		37.4570	0.005000	0.005232	0.000232	4.6
Standard 3		126.285	0.020000	0.019995	-0.000005	0.0
Standard 4		607.117	0.100000	0.099912	-0.000088	-0.1
Standard 5		3115.52	0.500000	0.516821	0.016821	3.4
Standard 6		12002.3	2.00000	1.99384	-0.006162	-0.3

Curve Type: Linear Equation: y = 6016.7 x + 6.0

Co 238.892 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999949

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.68642	0.000000	0.000297	-	-
Standard 2		30.4708	0.005000	0.004704	-0.000296	-5.9
Standard 3		115.919	0.020000	0.019899	-0.000101	-0.5
Standard 4		560.890	0.100000	0.099022	-0.000978	-1.0
Standard 5		2871.08	0.500000	0.509815	0.009815	2.0
Standard 6		11037.5	2.00000	1.96195	-0.038055	-1.9

Curve Type: Linear Equation: y = 5623.7 x + 4.0

Cr 205.560 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.50342	0.000000	0.000319	-	-
Standard 1		8.47267	0.001000	0.000805	-0.000195	-19.5
Standard 2		25.4181	0.005000	0.004994	-0.000006	-0.1
Standard 3		85.3406	0.020000	0.019805	-0.000195	-1.0
Standard 4		402.294	0.100000	0.098148	-0.001852	-1.9
Standard 5		2038.75	0.500000	0.502638	0.002638	0.5
Standard 6		8036.45	2.00000	1.98512	-0.014880	-0.7

Curve Type: Linear Equation: y = 4045.7 x + 5.2

Cr 206.158 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999992

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.80826	0.000000	0.000816	-	-
Standard 1		3.89253	0.001000	0.001482	0.000482	48.2
Standard 2		10.7386	0.005000	0.005687	0.000687	13.7
Standard 3		33.6219	0.020000	0.019742	-0.000258	-1.3
Standard 4		162.383	0.100000	0.098824	-0.001176	-1.2
Standard 5		821.151	0.500000	0.503429	0.003429	0.7
Standard 6		3226.82	2.00000	1.98095	-0.019048	-1.0

Curve Type: Linear Equation: y = 1628.2 x + 1.5

Cr 267.716 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		31.3427	0.000000	0.000237	-	-
Standard 1		50.3556	0.001000	0.001119	0.000119	11.9
Standard 2		132.771	0.005000	0.004944	-0.000056	-1.1
Standard 3		454.987	0.020000	0.019897	-0.000103	-0.5
Standard 4		2190.28	0.100000	0.100426	0.000426	0.4
Standard 5		10852.3	0.500000	0.502401	0.002401	0.5
Standard 6		42790.0	2.00000	1.98452	-0.015483	-0.8

Curve Type: Linear Equation: y = 21548.7 x + 26.2

Cu 213.598 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999985

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.47272	0.000000	0.000274	-	-
Standard 1		3.98664	0.001000	0.000663	-0.000337	-33.7
Standard 2		20.7095	0.005000	0.004968	-0.000032	-0.6
Standard 3		77.2538	0.020000	0.019524	-0.000476	-2.4
Standard 4		380.468	0.100000	0.097581	-0.002419	-2.4
Standard 5		1979.65	0.500000	0.509258	0.009258	1.9
Standard 6		7756.07	2.00000	1.99628	-0.003720	-0.2

Curve Type: Linear Equation: y = 3884.6 x + 1.4

Cu 324.754 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999991

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		366.738	0.000000	0.000651	-	-
Standard 1		385.161	0.001000	0.001228	0.000228	22.8
Standard 2		493.253	0.005000	0.004619	-0.000381	-7.6
Standard 3		963.269	0.020000	0.019363	-0.000637	-3.2
Standard 4		3481.51	0.100000	0.098356	-0.001644	-1.6
Standard 5		16479.5	0.500000	0.506079	0.006079	1.2
Standard 6		63839.2	2.00000	1.99167	-0.008328	-0.4

Curve Type: Linear Equation: y = 31879.3 x + 346.0

Cu 327.395 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999988

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		29.7783	0.000000	0.000267	-	-
Standard 1		79.6055	0.001000	0.001437	0.000437	43.7
Standard 2		234.684	0.005000	0.005078	0.000078	1.6
Standard 3		852.842	0.020000	0.019592	-0.000408	-2.0
Standard 4		4170.18	0.100000	0.097479	-0.002521	-2.5
Standard 5		21412.2	0.500000	0.502299	0.002299	0.5
Standard 6		84038.4	2.00000	1.97268	-0.027322	-1.4

Curve Type: Linear Equation: y = 42591.8 x + 18.4

Fe 234.350 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999901

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		14.8818	0.000000	0.000240	-	-
Standard 2		50.5375	0.005000	0.004380	-0.000620	-12.4
Standard 3		178.011	0.020000	0.019182	-0.000818	-4.1
Standard 4		888.157	0.100000	0.101640	0.001640	1.6
Standard 5		4577.55	0.500000	0.530036	0.030036	6.0
Standard 6		17330.7	2.00000	2.01088	0.010875	0.5

Curve Type: Linear Equation: y = 8612.1 x + 12.8

Fe 238.204 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999966

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		48.9767	0.000000	0.000536	-	-
Standard 2		119.540	0.005000	0.004512	-0.000488	-9.8
Standard 3		373.572	0.020000	0.018826	-0.001174	-5.9
Standard 4		1838.86	0.100000	0.101390	0.001390	1.4
Standard 5		9287.95	0.500000	0.521120	0.021120	4.2
Standard 6		35907.9	2.00000	2.02106	0.021058	1.1

Curve Type: Linear Equation: y = 17747.4 x + 39.5

Fe 259.940 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999915

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		54.2114	0.000000	0.000063	-	-
Standard 2		117.919	0.005000	0.004414	-0.000586	-11.7
Standard 3		330.367	0.020000	0.018923	-0.001077	-5.4
Standard 4		1528.32	0.100000	0.100736	0.000736	0.7
Standard 5		7724.87	0.500000	0.523920	0.023920	4.8
Standard 6		29277.1	2.00000	1.99580	-0.004202	-0.2

Curve Type: Linear Equation: y = 14642.7 x + 53.3

Ga 287.423 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		18.6287	0.000000	0.000711	-	-
Standard 2		27.9981	0.005000	0.004989	-0.000011	-0.2
Standard 3		62.8019	0.020000	0.020880	0.000880	4.4
Standard 4		231.114	0.100000	0.097727	-0.002273	-2.3
Standard 5		1127.76	0.500000	0.507113	0.007113	1.4
Standard 6		4435.23	2.00000	2.01723	0.017227	0.9

Curve Type: Linear Equation: y = 2190.2 x + 17.1

Ga 294.363 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999970

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		20.0331	0.000000	0.002653	-	-
Standard 2		45.2618	0.005000	0.006893	0.001893	37.9
Standard 3		124.632	0.020000	0.020234	0.000234	1.2
Standard 4		591.690	0.100000	0.098739	-0.001261	-1.3
Standard 5		3056.31	0.500000	0.513003	0.013003	2.6
Standard 6		11843.3	2.00000	1.98995	-0.010051	-0.5

Curve Type: Linear Equation: y = 5949.4 x + 4.2

Ga 417.204 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999998

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		112.307	0.000000	0.000063	-	-
Standard 2		145.345	0.005000	0.003989	-0.001011	-20.2
Standard 3		268.274	0.020000	0.018594	-0.001406	-7.0
Standard 4		934.201	0.100000	0.097716	-0.002284	-2.3
Standard 5		4422.49	0.500000	0.512177	0.012177	2.4
Standard 6		17375.3	2.00000	2.05115	0.051154	2.6

Curve Type: Linear Equation: y = 8416.5 x + 111.8

K 766.491 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999768

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2103.91	0.000000	0.001152	-	-
Standard 1		2659.67	0.010000	0.009261	-0.000739	-7.4
Standard 2		5396.60	0.050000	0.049196	-0.000804	-1.6
Standard 3		15578.8	0.200000	0.197765	-0.002235	-1.1
Standard 4		70658.7	1.00000	1.00144	0.001436	0.1
Standard 5		361023	5.00000	5.23814	0.238145	4.8
Standard 6		1324753	20.0000	19.2999	-0.700068	-3.5

Curve Type: Linear Equation: y = 68535.4 x + 2024.9

K 769.897 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999958

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		12549.8	0.000000	0.002075	-	-
Standard 1		13038.8	0.010000	0.010705	0.000705	7.0
Standard 2		15214.4	0.050000	0.049105	-0.000895	-1.8
Standard 3		23438.2	0.200000	0.194254	-0.005746	-2.9
Standard 4		66970.3	1.00000	0.962586	-0.037414	-3.7
Standard 5		299199	5.00000	5.06138	0.061379	1.2
Standard 6		1120502	20.0000	19.5572	-0.442774	-2.2

Curve Type: Linear Equation: y = 56657.8 x + 12432.2

Li 610.365 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999937

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-22.9160	0.000000	0.010945	-	-
Standard 2		0.422676	0.010000	0.011411	0.001411	14.1
Standard 3		764.077	0.040000	0.026674	-0.013326	-33.3
Standard 4		7970.88	0.200000	0.170709	-0.029291	-14.6
Standard 5		50097.3	1.00000	1.01265	0.012647	1.3
Standard 6		207725	4.00000	4.16299	0.162990	4.1

Curve Type: Linear Equation: y = 50035.1 x + -570.5

Li 670.783 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999608

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		60615.7	0.000000	-0.001860	-	-
Standard 2		99599.0	0.010000	0.009468	-0.000532	-5.3
Standard 3		211635	0.040000	0.042026	0.002026	5.1
Standard 4		768546	0.200000	0.203861	0.003861	1.9
Standard 5		3715752	1.00000	1.06031	0.060306	6.0
Standard 6		13209526	4.00000	3.81915	-0.180847	-4.5

Curve Type: Linear Equation: y = 3441211.0 x + 67016.0

Mg 279.078 Calibration (mg/L) 4/27/2011, 11:56:20 AM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.3010	0.000000	-0.000248	-	-
Standard 1		27.4570	0.010000	0.008549	-0.001451	-14.5
Standard 2		95.4632	0.050000	0.050814	0.000814	1.6
Standard 3		328.504	0.200000	0.195646	-0.004354	-2.2
Standard 4		1622.50	1.00000	0.999850	-0.000150	0.0
Standard 5		8195.91	5.00000	5.08514	0.085141	1.7
Standard 6		32365.8	20.0000	20.1064	0.106447	0.5
Standard 7		160783	100.000	99.9160	-0.084045	-0.1

Curve Type: Linear Equation: y = 1609.0 x + 13.7

Mg 280.270 Calibration (mg/L) 4/27/2011, 11:56:20 AM Correlation Coefficient: 0.998084

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		298.334	0.000000	-0.000010	-	-
Standard 1		1288.06	0.010000	0.010011	0.000011	0.1
Standard 2		5319.06	0.050000	0.050827	0.000827	1.7
Standard 3		20190.8	0.200000	0.201411	0.001411	0.7
Standard 4		101877	1.00000	1.02853	0.028529	2.9
Standard 5		514432	5.00000	5.20588	0.205877	4.1
Standard 6		1888428	20.0000	19.1183	-0.881678	-4.4
Standard 7		7233244	100.000	73.2375	-26.7625	-26.8

Curve Type: Linear Equation: y = 98760.1 x + 299.3

Mg 285.213 Calibration (mg/L) 4/27/2011, 11:56:20 AM Correlation Coefficient: 0.999850

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		87.4476	0.000000	0.000766	-	-
Standard 1		415.661	0.010000	0.010036	0.000036	0.4
Standard 2		1815.93	0.050000	0.049584	-0.000416	-0.8
Standard 3		6967.93	0.200000	0.195091	-0.004909	-2.5
Standard 4		35240.4	1.00000	0.993587	-0.006413	-0.6
Standard 5		184811	5.00000	5.21790	0.217896	4.4
Standard 6		725875	20.0000	20.4991	0.499109	2.5
Standard 7		3343513	100.000	94.4288	-5.57119	-5.6

Curve Type: Linear Equation: y = 35407.1 x + 60.3

Mn 257.610 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999961

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.54104	0.000000	-0.000043	-	-
Standard 2		736.019	0.005000	0.005018	0.000018	0.4
Standard 3		2860.92	0.020000	0.019738	-0.000262	-1.3
Standard 4		14295.9	0.100000	0.098957	-0.001043	-1.0
Standard 5		73899.2	0.500000	0.511875	0.011875	2.4
Standard 6		285811	2.00000	1.97995	-0.020048	-1.0

Curve Type: Linear Equation: y = 144346.8 x + 11.7

Mn 259.372 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999964

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		48.1717	0.000000	-0.000010	-	-
Standard 2		597.123	0.005000	0.005101	0.000101	2.0
Standard 3		2172.68	0.020000	0.019769	-0.000231	-1.2
Standard 4		10701.7	0.100000	0.099176	-0.000824	-0.8
Standard 5		55074.6	0.500000	0.512297	0.012297	2.5
Standard 6		213171	2.00000	1.98421	-0.015793	-0.8

Curve Type: Linear Equation: y = 107409.2 x + 49.3

Mn 260.568 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999977

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.83392	0.000000	0.000029	-	-
Standard 2		98.7500	0.005000	0.004974	-0.000026	-0.5
Standard 3		370.167	0.020000	0.019737	-0.000263	-1.3
Standard 4		1843.61	0.100000	0.099880	-0.000120	-0.1
Standard 5		9437.61	0.500000	0.512934	0.012934	2.6
Standard 6		36769.0	2.00000	1.99955	-0.000453	0.0

Curve Type: Linear Equation: y = 18385.0 x + 7.3

Mo 202.032 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999986

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		22.5313	0.000000	0.000614	-	-
Standard 2		54.1584	0.010000	0.009944	-0.000056	-0.6
Standard 3		147.741	0.040000	0.037553	-0.002447	-6.1
Standard 4		675.830	0.200000	0.193346	-0.006654	-3.3
Standard 5		3568.56	1.00000	1.04674	0.046741	4.7
Standard 6		14454.4	4.00000	4.25823	0.258229	6.5

Curve Type: Linear Equation: y = 3389.7 x + 20.5

Mo 203.846 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999965

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.65735	0.000000	0.004053	-	-
Standard 2		18.8705	0.010000	0.011628	0.001628	16.3
Standard 3		59.0810	0.040000	0.038790	-0.001210	-3.0
Standard 4		284.351	0.200000	0.190959	-0.009041	-4.5
Standard 5		1498.10	1.00000	1.01085	0.010846	1.1
Standard 6		6173.43	4.00000	4.16902	0.169022	4.2

Curve Type: Linear Equation: y = 1480.4 x + 1.7

Mo 204.598 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999948

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.79511	0.000000	0.002100	-	-
Standard 2		21.1368	0.010000	0.011175	0.001175	11.8
Standard 3		66.8914	0.040000	0.038242	-0.001758	-4.4
Standard 4		328.970	0.200000	0.193277	-0.006723	-3.4
Standard 5		1750.08	1.00000	1.03395	0.033946	3.4
Standard 6		7274.16	4.00000	4.30177	0.301774	7.5

Curve Type: Linear Equation: y = 1690.4 x + 2.2

Na 568.821 Calibration (mg/L) 4/27/2011, 11:56:20 AM Correlation Coefficient: 0.999873

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		227.991	0.000000	0.498208	-	-
Standard 4		451.847	1.00000	1.36168	0.361684	36.2
Standard 5		1419.47	5.00000	5.09406	0.094059	1.9
Standard 6		4977.39	20.0000	18.8180	-1.18204	-5.9
Standard 7		26083.0	100.000	100.228	0.228088	0.2

Curve Type: Linear Equation: y = 259.3 x + 98.8

Na 588.995 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999292

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		177570	0.000000	-0.261773	-	-
Standard 4		812315	1.00000	0.869938	-0.130062	-13.0
Standard 5		3416917	5.00000	5.51378	0.513777	10.3
Standard 6		11473447	20.0000	19.8781	-0.121941	-0.6

Curve Type: Linear Equation: y = 560872.4 x + 324391.2

Na 589.592 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999898

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		66027.9	0.000000	-0.095707	-	-
Standard 4		380002	1.00000	0.946104	-0.053896	-5.4
Standard 5		1660770	5.00000	5.19588	0.195877	3.9
Standard 6		6108392	20.0000	19.9537	-0.046276	-0.2

Curve Type: Linear Equation: y = 301373.3 x + 94871.4

Ni 216.555 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999968

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.99574	0.000000	0.000915	-	-
Standard 2		51.9270	0.010000	0.010213	0.000213	2.1
Standard 3		202.589	0.040000	0.040062	0.000062	0.2
Standard 4		997.533	0.200000	0.197556	-0.002444	-1.2
Standard 5		5150.88	1.00000	1.02041	0.020415	2.0
Standard 6		19982.0	4.00000	3.95874	-0.041256	-1.0

Curve Type: Linear Equation: y = 5047.5 x + 0.4

Ni 221.648 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999984

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.22526	0.000000	0.000023	-	-
Standard 2		24.2737	0.010000	0.011037	0.001037	10.4
Standard 3		81.1424	0.040000	0.039446	-0.000554	-1.4
Standard 4		395.221	0.200000	0.196344	-0.003656	-1.8
Standard 5		2029.24	1.00000	1.01261	0.012614	1.3
Standard 6		7939.88	4.00000	3.96527	-0.034733	-0.9

Curve Type: Linear Equation: y = 2001.8 x + 2.2

Ni 231.604 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999942

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.81745	0.000000	0.000682	-	-
Standard 2		38.9672	0.010000	0.009986	-0.000014	-0.1
Standard 3		137.396	0.040000	0.039385	-0.000615	-1.5
Standard 4		674.177	0.200000	0.199713	-0.000287	-0.1
Standard 5		3471.97	1.00000	1.03537	0.035368	3.5
Standard 6		13314.1	4.00000	3.97505	-0.024945	-0.6

Curve Type: Linear Equation: y = 3348.0 x + 5.5

P 177.434 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999988

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.19049	0.000000	0.002879	-	-
Standard 3		5.92699	0.020000	0.021348	0.001348	6.7
Standard 4		16.4884	0.100000	0.092629	-0.007371	-7.4
Standard 5		76.6168	0.500000	0.498445	-0.001555	-0.3
Standard 6		300.027	2.00000	2.00628	0.006279	0.3

Curve Type: Linear Equation: y = 148.2 x + 2.8

P 213.618 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.71671	0.000000	0.000098	-	-
Standard 3		13.7811	0.020000	0.017076	-0.002924	-14.6
Standard 4		66.4826	0.100000	0.097946	-0.002054	-2.1
Standard 5		330.852	0.500000	0.503617	0.003617	0.7
Standard 6		1317.61	2.00000	2.01779	0.017786	0.9

Curve Type: Linear Equation: y = 651.7 x + 2.7

P 214.914 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.87387	0.000000	0.000651	-	-
Standard 3		6.00037	0.020000	0.019071	-0.000929	-4.6
Standard 4		20.1166	0.100000	0.102235	0.002235	2.2
Standard 5		86.8900	0.500000	0.495624	-0.004376	-0.9
Standard 6		343.021	2.00000	2.00459	0.004592	0.2

Curve Type: Linear Equation: y = 169.7 x + 2.8

Pb 220.353 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999990

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.66212	0.000000	0.001914	-	-
Standard 2		16.0151	0.010000	0.010523	0.000523	5.2
Standard 3		46.5417	0.040000	0.038623	-0.001377	-3.4
Standard 4		220.760	0.200000	0.198994	-0.001006	-0.5
Standard 5		1105.24	1.00000	1.01317	0.013168	1.3
Standard 6		4331.27	4.00000	3.98276	-0.017238	-0.4

Curve Type: Linear Equation: y = 1086.4 x + 4.6

Pb 261.417 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999987

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		17.3406	0.000000	0.003899	-	-
Standard 2		19.7509	0.010000	0.008751	-0.001249	-12.5
Standard 3		30.5408	0.040000	0.030475	-0.009525	-23.8
Standard 4		107.625	0.200000	0.185675	-0.014325	-7.2
Standard 5		515.885	1.00000	1.00765	0.007654	0.8
Standard 6		2000.83	4.00000	3.99740	-0.002605	-0.1

Curve Type: Linear Equation: y = 496.7 x + 15.4

Pb 405.781 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		56.9937	0.000000	-0.000360	-	-
Standard 2		71.3691	0.010000	0.011097	0.001097	11.0
Standard 3		105.272	0.040000	0.038117	-0.001883	-4.7
Standard 4		307.853	0.200000	0.199571	-0.000429	-0.2
Standard 5		1318.70	1.00000	1.00520	0.005204	0.5
Standard 6		5054.28	4.00000	3.98241	-0.017595	-0.4

Curve Type: Linear Equation: y = 1254.7 x + 57.4

Sb 206.834 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.998901

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.23838	0.000000	-0.004280	-	-
Standard 2		13.1495	0.010000	0.006375	-0.003625	-36.3
Standard 3		32.6118	0.040000	0.041457	0.001457	3.6
Standard 4		136.916	0.200000	0.229471	0.029471	14.7
Standard 5		478.628	1.00000	0.845430	-0.154570	-15.5
Standard 6		2286.73	4.00000	4.10465	0.104654	2.6

Curve Type: Linear Equation: y = 554.8 x + 9.6

Sb 231.146 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999221

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.98286	0.000000	-0.007835	-	-
Standard 2		9.18234	0.010000	0.004876	-0.005124	-51.2
Standard 3		22.3587	0.040000	0.037088	-0.002912	-7.3
Standard 4		101.909	0.200000	0.231563	0.031563	15.8
Standard 5		375.862	1.00000	0.901289	-0.098711	-9.9
Standard 6		1743.67	4.00000	4.24514	0.245141	6.1

Curve Type: Linear Equation: y = 409.1 x + 7.2

Sb 259.804 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.998925

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.8375	0.000000	-0.022259	-	-
Standard 2		12.8660	0.010000	-0.015365	-0.025365	-253.7
Standard 3		14.7516	0.040000	-0.008957	-0.048957	-122.4
Standard 4		85.9050	0.200000	0.232861	0.032861	16.4
Standard 5		297.225	1.00000	0.951041	-0.048959	-4.9
Standard 6		1407.00	4.00000	4.72265	0.722650	18.1

Maximum error exceeded.
Curve Type: Linear Equation: y = 294.2 x + 17.4

Se 196.026 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999958

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.60665	0.000000	0.004056	-	-
Standard 2		7.31872	0.010000	0.013351	0.003351	33.5
Standard 3		15.0649	0.040000	0.039898	-0.000102	-0.3
Standard 4		59.0498	0.200000	0.190641	-0.009359	-4.7
Standard 5		292.025	1.00000	0.989079	-0.010921	-1.1
Standard 6		1197.43	4.00000	4.09204	0.092037	2.3

Curve Type: Linear Equation: y = 291.8 x + 3.4

Se 203.985 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999967

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.25249	0.000000	-0.000201	-	-
Standard 2		6.12924	0.010000	0.011395	0.001395	13.9
Standard 3		10.2340	0.040000	0.036758	-0.003242	-8.1
Standard 4		34.6423	0.200000	0.187576	-0.012424	-6.2
Standard 5		166.094	1.00000	0.999811	-0.000189	0.0
Standard 6		672.148	4.00000	4.12670	0.126701	3.2

Curve Type: Linear Equation: y = 161.8 x + 4.3

Si 250.690 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999786

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		47.1800	0.000000	0.000339	-	-
Standard 2		47.1204	0.010000	0.000291	-0.009709	-97.1
Standard 3		85.0874	0.040000	0.030553	-0.009447	-23.6
Standard 4		328.179	0.200000	0.224309	0.024309	12.2
Standard 5		1350.02	1.00000	1.03876	0.038764	3.9
Standard 6		4901.52	4.00000	3.86948	-0.130518	-3.3

Curve Type: Linear Equation: y = 1254.6 x + 46.8

Si 251.611 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999794

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		41.1639	0.000000	0.002238	-	-
Standard 2		42.8210	0.010000	0.003404	-0.006596	-66.0
Standard 3		85.7781	0.040000	0.033640	-0.006360	-15.9
Standard 4		354.111	0.200000	0.222506	0.022506	11.3
Standard 5		1490.94	1.00000	1.02266	0.022664	2.3
Standard 6		5445.58	4.00000	3.80614	-0.193863	-4.8

Curve Type: Linear Equation: y = 1420.8 x + 38.0

Si 288.158 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999848

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		770.803	0.000000	0.000864	-	-
Standard 2		758.356	0.010000	-0.000820	-0.010820	-108.2
Standard 3		965.145	0.040000	0.027153	-0.012847	-32.1
Standard 4		2408.54	0.200000	0.222405	0.022405	11.2
Standard 5		8246.73	1.00000	1.01216	0.012156	1.2
Standard 6		29077.5	4.00000	3.83000	-0.169998	-4.2

Maximum error exceeded.
Curve Type: Linear Equation: y = 7392.5 x + 764.4

Sn 189.927 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.31408	0.000000	0.000592	-	-
Standard 2		6.78655	0.010000	0.012308	0.002308	23.1
Standard 3		14.9045	0.040000	0.039697	-0.000303	-0.8
Standard 4		61.7841	0.200000	0.197863	-0.002137	-1.1
Standard 5		299.515	1.00000	0.999938	-0.000062	0.0
Standard 6		1193.49	4.00000	4.01611	0.016111	0.4

Curve Type: Linear Equation: y = 296.4 x + 3.1

Sn 283.998 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.5452	0.000000	-0.000001	-	-
Standard 2		26.5717	0.010000	0.009436	-0.000564	-5.6
Standard 3		73.0331	0.040000	0.043092	0.003092	7.7
Standard 4		285.952	0.200000	0.197327	-0.002673	-1.3
Standard 5		1386.72	1.00000	0.994710	-0.005290	-0.5
Standard 6		5456.32	4.00000	3.94267	-0.057333	-1.4

Curve Type: Linear Equation: y = 1380.5 x + 13.5

Sr 216.596 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999982

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		16.4587	0.000000	0.000415	-	-
Standard 2		58.5420	0.005000	0.005802	0.000802	16.0
Standard 3		170.802	0.020000	0.020170	0.000170	0.9
Standard 4		789.695	0.100000	0.099387	-0.000613	-0.6
Standard 5		3980.71	0.500000	0.507825	0.007825	1.6
Standard 6		15508.5	2.00000	1.98334	-0.016660	-0.8

Curve Type: Linear Equation: y = 7812.7 x + 13.2

Sr 407.771 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999978

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5382.24	0.000000	-0.000015	-	-
Standard 2		18121.9	0.005000	0.005055	0.000055	1.1
Standard 3		55667.3	0.020000	0.019998	-0.000002	0.0
Standard 4		255294	0.100000	0.099448	-0.000552	-0.6
Standard 5		1254253	0.500000	0.497023	-0.002977	-0.6
Standard 6		4870969	2.00000	1.93644	-0.063560	-3.2

Curve Type: Linear Equation: y = 2512625.8 x + 5419.9

Sr 421.552 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999990

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3249.89	0.000000	-0.000015	-	-
Standard 2		11485.5	0.005000	0.005031	0.000031	0.6
Standard 3		35866.0	0.020000	0.019967	-0.000033	-0.2
Standard 4		165178	0.100000	0.099190	-0.000810	-0.8
Standard 5		813998	0.500000	0.496691	-0.003309	-0.7
Standard 6		3188105	2.00000	1.95119	-0.048811	-2.4

Curve Type: Linear Equation: y = 1632251.3 x + 3274.1

Ti 334.941 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		99.8777	0.000000	0.000117	-	-
Standard 2		1141.81	0.005000	0.004996	-0.000004	-0.1
Standard 3		4335.64	0.020000	0.019952	-0.000048	-0.2
Standard 4		21593.8	0.100000	0.100765	0.000765	0.8
Standard 5		106812	0.500000	0.499807	-0.000193	0.0
Standard 6		428590	2.00000	2.00657	0.006566	0.3

Curve Type: Linear Equation: y = 213556.5 x + 74.8

Ti 336.122 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999997

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		53.3609	0.000000	0.000280	-	-
Standard 2		470.713	0.005000	0.004924	-0.000076	-1.5
Standard 3		1845.31	0.020000	0.020222	0.000222	1.1
Standard 4		9028.53	0.100000	0.100165	0.000165	0.2
Standard 5		45239.4	0.500000	0.503157	0.003157	0.6
Standard 6		179219	2.00000	1.99422	-0.005781	-0.3

Curve Type: Linear Equation: y = 89855.0 x + 28.2

Ti 337.280 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.42167	0.000000	0.000659	-	-
Standard 2		130.145	0.005000	0.004775	-0.000225	-4.5
Standard 3		587.000	0.020000	0.019732	-0.000268	-1.3
Standard 4		3039.86	0.100000	0.100034	0.000034	0.0
Standard 5		15295.9	0.500000	0.501275	0.001275	0.3
Standard 6		61335.3	2.00000	2.00853	0.008531	0.4

Curve Type: Linear Equation: y = 30545.2 x + -15.7

Tl 190.794 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999992

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.29248	0.000000	-0.000411	-	-
Standard 3		9.44527	0.020000	0.020330	0.000330	1.6
Standard 4		34.4249	0.100000	0.092761	-0.007239	-7.2
Standard 5		175.791	0.500000	0.502665	0.002665	0.5
Standard 6		694.505	2.00000	2.00673	0.006731	0.3

Curve Type: Linear Equation: y = 344.9 x + 2.4

Tl 190.807 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999973

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.48717	0.000000	0.009451	-	-
Standard 3		2.75231	0.020000	0.016750	-0.003250	-16.3
Standard 4		16.8434	0.100000	0.098039	-0.001961	-2.0
Standard 5		88.8883	0.500000	0.513655	0.013655	2.7
Standard 6		349.801	2.00000	2.01882	0.018823	0.9

Curve Type: Linear Equation: y = 173.3 x + -0.2

Tl 351.923 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999976

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.08650	0.000000	-0.011809	-	-
Standard 3		56.6464	0.020000	0.019385	-0.000615	-3.1
Standard 4		176.992	0.100000	0.095133	-0.004867	-4.9
Standard 5		822.737	0.500000	0.501580	0.001580	0.3
Standard 6		3179.31	2.00000	1.98486	-0.015137	-0.8

Curve Type: Linear Equation: y = 1588.8 x + 25.8

V 268.796 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999979

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		22.0433	0.000000	0.000000	-	-
Standard 2		62.3647	0.005000	0.004830	-0.000170	-3.4
Standard 3		191.902	0.020000	0.020347	0.000347	1.7
Standard 4		856.467	0.100000	0.099952	-0.000048	0.0
Standard 5		4255.23	0.500000	0.507074	0.007074	1.4
Standard 6		16535.4	2.00000	1.97806	-0.021940	-1.1

Curve Type: Linear Equation: y = 8348.3 x + 22.0

V 292.401 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999996

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		46.4376	0.000000	0.000055	-	-
Standard 2		192.290	0.005000	0.004951	-0.000049	-1.0
Standard 3		628.909	0.020000	0.019608	-0.000392	-2.0
Standard 4		3015.73	0.100000	0.099730	-0.000270	-0.3
Standard 5		15094.4	0.500000	0.505193	0.005193	1.0
Standard 6		59568.8	2.00000	1.99813	-0.001867	-0.1

Curve Type: Linear Equation: y = 29789.8 x + 44.8

V 311.837 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999994

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.0863	0.000000	0.000510	-	-
Standard 2		178.547	0.005000	0.004645	-0.000355	-7.1
Standard 3		765.231	0.020000	0.019047	-0.000953	-4.8
Standard 4		4003.86	0.100000	0.098547	-0.001453	-1.5
Standard 5		20978.4	0.500000	0.515230	0.015230	3.0
Standard 6		83080.5	2.00000	2.03968	0.039681	2.0

Curve Type: Linear Equation: y = 40737.4 x + -10.7

Zn 202.548 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999745

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		613.365	0.000000	0.000016	-	-
Standard 2		642.229	0.005000	0.003342	-0.001658	-33.2
Standard 3		775.778	0.020000	0.018733	-0.001267	-6.3
Standard 4		1455.44	0.100000	0.097063	-0.002937	-2.9
Standard 5		5209.16	0.500000	0.529670	0.029670	5.9
Standard 6		17535.8	2.00000	1.95029	-0.049709	-2.5

Curve Type: Linear Equation: y = 8677.0 x + 613.2

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Zn 206.200 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999759

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		200.921	0.000000	0.000918	-	-
Standard 2		213.682	0.005000	0.005341	0.000341	6.8
Standard 3		251.612	0.020000	0.018489	-0.001511	-7.6
Standard 4		476.242	0.100000	0.096354	-0.003646	-3.6
Standard 5		1705.60	0.500000	0.522497	0.022497	4.5
Standard 6		5753.96	2.00000	1.92581	-0.074191	-3.7

Curve Type: Linear Equation: y = 2884.9 x + 198.3

Zn 213.857 Calibration (mg/L) 4/27/2011, 11:52:07 AM Correlation Coefficient: 0.999846

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1157.53	0.000000	0.000078	-	-
Standard 2		1212.99	0.005000	0.003432	-0.001568	-31.4
Standard 3		1464.57	0.020000	0.018648	-0.001352	-6.8
Standard 4		2778.50	0.100000	0.098115	-0.001885	-1.9
Standard 5		9805.91	0.500000	0.523139	0.023139	4.6
Standard 6		33582.5	2.00000	1.96117	-0.038834	-1.9

Curve Type: Linear Equation: y = 16534.2 x + 1156.2

SEQ-ICV1 (Samp) 4/27/2011, 12:05:16 PM Rack 1, Tube 1
M_200.7_T_WW ICV
Weight: 1 Volume: 1 Dilution: 1

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.518664	mg/L	0.000398	0.1	25385.2	0.518664 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.003409	0.7	1456.87	uncal mg/L	Y 371.029
Al 237.312	4.95772	mg/L	0.010421	0.2	6141.14	4.95772 mg/L	Y 371.029
Al 257.509	4.99421	mg/L	0.010854	0.2	2861.95	4.99421 mg/L	Y 371.029
Al 308.215	5.02654	mg/L	0.007856	0.2	31090.4	5.02654 mg/L	Y 371.029
As 188.980	1.02329	mg/L	0.004547	0.4	349.481	1.02329 mg/L	Y 371.029
As 193.696	1.02558	mg/L	0.004288	0.4	423.077	1.02558 mg/L	Y 371.029
As 228.812	1.71078	mg/L	0.054373	3.2	3066.87	1.71078 mg/L	Y 371.029
B 182.577	1.02464	mg/L	0.011149	1.1	432.422	1.02464 mg/L	Y 371.029
B 249.678	1.02062	mg/L	0.017896	1.8	8685.64	1.02062 mg/L	Y 371.029
B 249.772	1.02193	mg/L	0.015440	1.5	16770.5	1.02193 mg/L	Y 371.029
Ba 233.527	1.00785	mg/L	0.001523	0.2	38832.9	1.00785 mg/L	Y 371.029
Ba 455.403	0.975176	mg/L	0.002682	0.3	856852	0.975176 mg/L	Y 371.029
Ba 493.408	0.998111	mg/L	0.001117	0.1	537253	0.998111 mg/L	Y 371.029
Be 234.861	0.982713	mg/L	0.004358	0.4	114117	0.982713 mg/L	Y 371.029
Be 313.042	0.988292	mg/L	0.002418	0.2	1669033	0.988292 mg/L	Y 371.029
Be 313.107	0.994363	mg/L	0.002978	0.3	827338	0.994363 mg/L	Y 371.029
Ca 393.366	8.86317n	mg/L	0.002436	0.0	10420979	8.86317 mg/L	Y 371.029
Ca 396.847	8.93450	mg/L	0.012803	0.1	17717118	8.93450 mg/L	Y 371.029
Ca 430.253	9.60134	mg/L	0.021525	0.2	42055.3	9.60134 mg/L	Y 371.029
Cd 214.439	0.999549	mg/L	0.005112	0.5	18485.1	0.999549 mg/L	Y 371.029
Cd 226.502	0.995286	mg/L	0.000632	0.1	36150.7	0.995286 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 228.802	0.986806	mg/L	0.001574	0.2	13543.8	0.986806 mg/L	Y 371.029
Co 228.615	1.00995	mg/L	0.002128	0.2	8647.73	1.00995 mg/L	Y 371.029
Co 230.786	1.00720	mg/L	0.003121	0.3	6063.65	1.00720 mg/L	Y 371.029
Co 238.892	0.967061	mg/L	0.002689	0.3	5421.89	0.967061 mg/L	Y 371.029
Cr 205.560	0.969303	mg/L	0.003969	0.4	3938.68	0.969303 mg/L	Y 371.029
Cr 206.158	0.995848	mg/L	0.003202	0.3	1628.27	0.995848 mg/L	Y 371.029
Cr 267.716	0.976564	mg/L	0.001003	0.1	21128.9	0.976564 mg/L	Y 371.029
Cu 213.598	0.982164	mg/L	0.004314	0.4	3840.00	0.982164 mg/L	Y 371.029
Cu 324.754	0.982175	mg/L	0.001437	0.1	31603.4	0.982175 mg/L	Y 371.029
Cu 327.395	0.988583	mg/L	0.000751	0.1	42185.4	0.988583 mg/L	Y 371.029
Fe 234.350	5.17341	mg/L	0.019740	0.4	44955.4	5.17341 mg/L	Y 371.029
Fe 238.204	5.13424	mg/L	0.064793	1.3	91780.5	5.13424 mg/L	Y 371.029
Fe 259.940	5.12027	mg/L	0.026539	0.5	75472.9	5.12027 mg/L	Y 371.029
Ga 287.423	0.985609	mg/L	0.006546	0.7	2298.46	0.985609 mg/L	Y 371.029
Ga 294.363	0.984872	mg/L	0.002513	0.3	5888.66	0.984872 mg/L	Y 371.029
Ga 417.204	0.993138	mg/L	0.003981	0.4	9002.17	0.993138 mg/L	Y 371.029
K 766.491	9.84043	mg/L	0.026163	0.3	676776	9.84043 mg/L	Y 371.029
K 769.897	9.95396	mg/L	0.016555	0.2	576473	9.95396 mg/L	Y 371.029
Li 610.365	0.975446	mg/L	0.001342	0.1	48236.0	0.975446 mg/L	Y 371.029
Li 670.783	1.03731	mg/L	0.001592	0.2	3640368	1.03731 mg/L	Y 371.029
Mg 279.078	9.95025	mg/L	0.009597	0.1	16024.1	9.95025 mg/L	Y 371.029
Mg 280.270	9.74325	mg/L	0.027136	0.3	962771	9.74325 mg/L	Y 371.029
Mg 285.213	10.3812	mg/L	0.052336	0.5	367675	10.3812 mg/L	Y 371.029
Mn 257.610	0.970103	mg/L	0.014692	1.5	141829	0.970103 mg/L	Y 371.029
Mn 259.372	0.968341	mg/L	0.018491	1.9	105905	0.968341 mg/L	Y 371.029
Mn 260.568	0.978536	mg/L	0.004720	0.5	18107.4	0.978536 mg/L	Y 371.029
Mo 202.032	1.06135	mg/L	0.016010	1.5	3641.42	1.06135 mg/L	Y 371.029
Mo 203.846	1.03182	mg/L	0.017247	1.7	1540.04	1.03182 mg/L	Y 371.029
Mo 204.598	1.06471	mg/L	0.022449	2.1	1814.71	1.06471 mg/L	Y 371.029
Na 568.821	9.36442	mg/L	0.124913	1.3	2555.75	9.36442 mg/L	Y 371.029
Na 588.995	10.1144	mg/L	0.027444	0.3	6004188	10.1144 mg/L	Y 371.029
Na 589.592	10.3951	mg/L	0.066652	0.6	3232587	10.3951 mg/L	Y 371.029
Ni 216.555	0.991160	mg/L	0.001632	0.2	5029.59	0.991160 mg/L	Y 371.029
Ni 221.648	0.983449	mg/L	0.000537	0.1	1980.76	0.983449 mg/L	Y 371.029
Ni 231.604	0.997629	mg/L	0.006350	0.6	3363.65	0.997629 mg/L	Y 371.029
P 177.434	1.00247	mg/L	0.010638	1.1	151.926	1.00247 mg/L	Y 371.029
P 213.618	0.986624	mg/L	0.004167	0.4	668.461	0.986624 mg/L	Y 371.029
P 214.914	1.04662	mg/L	0.011407	1.1	190.023	1.04662 mg/L	Y 371.029
Pb 220.353	0.998945	mg/L	0.002743	0.3	1090.33	0.998945 mg/L	Y 371.029
Pb 261.417	0.743337	mg/L	0.004327	0.6	383.054	0.743337 mg/L	Y 371.029
Pb 405.781	0.977596	mg/L	0.009096	0.9	1299.12	0.977596 mg/L	Y 371.029
Sb 206.834	1.03615	mg/L	0.007180	0.7	590.259	1.03615 mg/L	Y 371.029
Sb 231.146	1.11417	mg/L	0.010453	0.9	468.733	1.11417 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.014842	1.6	302.428	uncal mg/L	Y 371.029
Se 196.026	1.01387	mg/L	0.026797	2.6	299.880	1.01387 mg/L	Y 371.029
Se 203.985	1.01392	mg/L	0.029639	2.9	184.885	1.01392 mg/L	Y 371.029
Si 250.690	0.992901	mg/L	0.005195	0.5	1310.18	0.992901 mg/L	Y 371.029
Si 251.611	0.963833	mg/L	0.005904	0.6	1447.13	0.963833 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002200	0.2	7943.95	uncal mg/L	Y 371.029
Sn 189.927	0.995984	mg/L	0.004070	0.4	298.549	0.995984 mg/L	Y 371.029
Sn 283.998	0.971845	mg/L	0.002315	0.2	2361.64	0.971845 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 216.596	1.03625	mg/L	0.007338	0.7	8121.66	1.03625 mg/L	Y 371.029
Sr 407.771	0.996532	mg/L	0.005487	0.6	2509994	0.996532 mg/L	Y 371.029
Sr 421.552	0.999650	mg/L	0.004114	0.4	1635431	0.999650 mg/L	Y 371.029
Ti 334.941	0.991719	mg/L	0.000695	0.1	212192	0.991719 mg/L	Y 371.029
Ti 336.122	0.985568	mg/L	0.001235	0.1	88711.0	0.985568 mg/L	Y 371.029
Ti 337.280	1.00125	mg/L	0.001703	0.2	30610.3	1.00125 mg/L	Y 371.029
Tl 190.794	0.989626	mg/L	0.008728	0.9	345.387	0.989626 mg/L	Y 371.029
Tl 190.807	1.01499	mg/L	0.004197	0.4	176.615	1.01499 mg/L	Y 371.029
Tl 351.923	0.970656	mg/L	0.007797	0.8	1569.52	0.970656 mg/L	Y 371.029
V 268.796	0.965250	mg/L	0.002119	0.2	9202.65	0.965250 mg/L	Y 371.029
V 292.401	0.991509	mg/L	0.001165	0.1	29657.7	0.991509 mg/L	Y 371.029
V 311.837	0.997464	mg/L	0.001365	0.1	40713.9	0.997464 mg/L	Y 371.029
Zn 202.548	0.992519	mg/L	0.002179	0.2	9357.37	0.992519 mg/L	Y 371.029
Zn 206.200	0.975719	mg/L	0.001473	0.2	3027.51	0.975719 mg/L	Y 371.029
Zn 213.857	0.988778	mg/L	0.003790	0.4	17716.9	0.988778 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00331	8045.30	50.713	0.6
Y 371.029	0.842069	138863	861.369	0.6

SEQ-ICV2 (Samp) **4/27/2011, 12:11:15 PM** **Rack 1, Tube 2**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.527963	mg/L	0.001911	0.4	25831.8	0.527963 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001478	0.3	1488.25	uncal mg/L	Y 371.029
Al 237.312	5.04202	mg/L	0.023152	0.5	6244.73	5.04202 mg/L	Y 371.029
Al 257.509	5.06848	mg/L	0.020831	0.4	2904.25	5.06848 mg/L	Y 371.029
Al 308.215	5.12108	mg/L	0.010483	0.2	31651.1	5.12108 mg/L	Y 371.029
As 188.980	1.03529	mg/L	0.006779	0.7	353.514	1.03529 mg/L	Y 371.029
As 193.696	1.03525	mg/L	0.007090	0.7	427.051	1.03525 mg/L	Y 371.029
As 228.812	1.70279	mg/L	0.029210	1.7	3085.37	1.70279 mg/L	Y 371.029
B 182.577	1.02685	mg/L	0.019061	1.9	433.355	1.02685 mg/L	Y 371.029
B 249.678	1.00418	mg/L	0.017995	1.8	8546.98	1.00418 mg/L	Y 371.029
B 249.772	1.00336	mg/L	0.019896	2.0	16470.0	1.00336 mg/L	Y 371.029
Ba 233.527	1.02396	mg/L	0.004913	0.5	39450.8	1.02396 mg/L	Y 371.029
Ba 455.403	0.991982	mg/L	0.002359	0.2	871550	0.991982 mg/L	Y 371.029
Ba 493.408	1.01555	mg/L	0.001565	0.2	546599	1.01555 mg/L	Y 371.029
Be 234.861	1.00585	mg/L	0.001447	0.1	116805	1.00585 mg/L	Y 371.029
Be 313.042	1.00928	mg/L	0.003139	0.3	1704478	1.00928 mg/L	Y 371.029
Be 313.107	1.01607	mg/L	0.003629	0.4	845396	1.01607 mg/L	Y 371.029
Ca 393.366	9.02745n	mg/L	0.022664	0.3	10613788	9.02745 mg/L	Y 371.029
Ca 396.847	9.10043	mg/L	0.027378	0.3	18045618	9.10043 mg/L	Y 371.029
Ca 430.253	9.78058	mg/L	0.017506	0.2	42818.1	9.78058 mg/L	Y 371.029
Cd 214.439	1.00368	mg/L	0.006443	0.6	18561.4	1.00368 mg/L	Y 371.029
Cd 226.502	1.01022	mg/L	0.001041	0.1	36692.9	1.01022 mg/L	Y 371.029
Cd 228.802	1.00289	mg/L	0.008704	0.9	13764.2	1.00289 mg/L	Y 371.029
Co 228.615	1.02916	mg/L	0.006272	0.6	8812.23	1.02916 mg/L	Y 371.029
Co 230.786	1.02618	mg/L	0.010251	1.0	6177.82	1.02618 mg/L	Y 371.029
Co 238.892	0.988242	mg/L	0.007245	0.7	5540.53	0.988242 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 205.560	0.993065	mg/L	0.010641	1.1	4035.03	0.993065 mg/L	Y 371.029
Cr 206.158	1.00210	mg/L	0.004742	0.5	1638.54	1.00210 mg/L	Y 371.029
Cr 267.716	0.994632	mg/L	0.000853	0.1	21519.3	0.994632 mg/L	Y 371.029
Cu 213.598	1.00133	mg/L	0.006017	0.6	3914.83	1.00133 mg/L	Y 371.029
Cu 324.754	0.998922	mg/L	0.002909	0.3	32136.5	0.998922 mg/L	Y 371.029
Cu 327.395	1.00921	mg/L	0.004059	0.4	43065.4	1.00921 mg/L	Y 371.029
Fe 234.350	5.28347	mg/L	0.031871	0.6	45909.9	5.28347 mg/L	Y 371.029
Fe 238.204	5.23337	mg/L	0.021760	0.4	93550.1	5.23337 mg/L	Y 371.029
Fe 259.940	5.21268	mg/L	0.003825	0.1	76833.2	5.21268 mg/L	Y 371.029
Ga 287.423	1.00035	mg/L	0.002757	0.3	2333.26	1.00035 mg/L	Y 371.029
Ga 294.363	1.00168	mg/L	0.000289	0.0	5989.04	1.00168 mg/L	Y 371.029
Ga 417.204	1.01149	mg/L	0.001532	0.2	9166.62	1.01149 mg/L	Y 371.029
K 766.491	9.95948	mg/L	0.030095	0.3	684941	9.95948 mg/L	Y 371.029
K 769.897	10.1162	mg/L	0.021485	0.2	585665	10.1162 mg/L	Y 371.029
Li 610.365	0.996383	mg/L	0.002755	0.3	49283.5	0.996383 mg/L	Y 371.029
Li 670.783	1.05538	mg/L	0.001096	0.1	3702635	1.05538 mg/L	Y 371.029
Mg 279.078	10.1291	mg/L	0.026318	0.3	16311.9	10.1291 mg/L	Y 371.029
Mg 280.270	9.87803	mg/L	0.010723	0.1	976085	9.87803 mg/L	Y 371.029
Mg 285.213	10.5078	mg/L	0.061540	0.6	372157	10.5078 mg/L	Y 371.029
Mn 257.610	0.992226	mg/L	0.008969	0.9	145053	0.992226 mg/L	Y 371.029
Mn 259.372	0.991358	mg/L	0.008397	0.8	108408	0.991358 mg/L	Y 371.029
Mn 260.568	0.999718	mg/L	0.006544	0.7	18498.7	0.999718 mg/L	Y 371.029
Mo 202.032	1.07312	mg/L	0.010881	1.0	3681.79	1.07312 mg/L	Y 371.029
Mo 203.846	1.04077	mg/L	0.015022	1.4	1553.53	1.04077 mg/L	Y 371.029
Mo 204.598	1.07295	mg/L	0.020870	1.9	1828.91	1.07295 mg/L	Y 371.029
Na 568.821	9.58023	mg/L	0.159308	1.7	2612.16	9.58023 mg/L	Y 371.029
Na 588.995	10.3001	mg/L	0.025685	0.2	6108490	10.3001 mg/L	Y 371.029
Na 589.592	10.5606	mg/L	0.012043	0.1	3282563	10.5606 mg/L	Y 371.029
Ni 216.555	1.00757	mg/L	0.001891	0.2	5113.00	1.00757 mg/L	Y 371.029
Ni 221.648	1.00192	mg/L	0.003759	0.4	2017.93	1.00192 mg/L	Y 371.029
Ni 231.604	1.01310	mg/L	0.007228	0.7	3415.82	1.01310 mg/L	Y 371.029
P 177.434	1.02510	mg/L	0.004904	0.5	155.291	1.02510 mg/L	Y 371.029
P 213.618	1.00797	mg/L	0.003187	0.3	682.812	1.00797 mg/L	Y 371.029
P 214.914	1.04969	mg/L	0.020120	1.9	190.718	1.04969 mg/L	Y 371.029
Pb 220.353	1.01270	mg/L	0.001734	0.2	1105.28	1.01270 mg/L	Y 371.029
Pb 261.417	0.765720	mg/L	0.012657	1.7	394.158	0.765720 mg/L	Y 371.029
Pb 405.781	1.00173	mg/L	0.001381	0.1	1329.68	1.00173 mg/L	Y 371.029
Sb 206.834	1.03829	mg/L	0.011799	1.1	591.523	1.03829 mg/L	Y 371.029
Sb 231.146	1.12282	mg/L	0.026661	2.4	472.358	1.12282 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.027884	3.0	293.283	uncal mg/L	Y 371.029
Se 196.026	1.01319	mg/L	0.023191	2.3	299.691	1.01319 mg/L	Y 371.029
Se 203.985	1.02548	mg/L	0.032410	3.2	186.852	1.02548 mg/L	Y 371.029
Si 250.690	1.00705	mg/L	0.001705	0.2	1328.21	1.00705 mg/L	Y 371.029
Si 251.611	0.980398	mg/L	0.001331	0.1	1471.23	0.980398 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.008922	0.9	8080.03	uncal mg/L	Y 371.029
Sn 189.927	1.00778	mg/L	0.004388	0.4	302.047	1.00778 mg/L	Y 371.029
Sn 283.998	0.995920	mg/L	0.007615	0.8	2401.33	0.995920 mg/L	Y 371.029
Sr 216.596	1.05215	mg/L	0.009600	0.9	8246.18	1.05215 mg/L	Y 371.029
Sr 407.771	1.01230	mg/L	0.003873	0.4	2549616	1.01230 mg/L	Y 371.029
Sr 421.552	1.01590	mg/L	0.001588	0.2	1661965	1.01590 mg/L	Y 371.029
Ti 334.941	1.00965	mg/L	0.005646	0.6	216026	1.00965 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ti 336.122	1.00390	mg/L	0.005720	0.6	90360.7	1.00390 mg/L	Y 371.029
Ti 337.280	1.01997	mg/L	0.000246	0.0	31183.0	1.01997 mg/L	Y 371.029
Tl 190.794	1.01473	mg/L	0.003300	0.3	354.074	1.01473 mg/L	Y 371.029
Tl 190.807	1.03309	mg/L	0.012079	1.2	179.751	1.03309 mg/L	Y 371.029
Tl 351.923	0.988843	mg/L	0.006121	0.6	1598.46	0.988843 mg/L	Y 371.029
V 268.796	0.983090	mg/L	0.001108	0.1	9361.69	0.983090 mg/L	Y 371.029
V 292.401	1.00954	mg/L	0.000496	0.0	30196.3	1.00954 mg/L	Y 371.029
V 311.837	1.01511	mg/L	0.000886	0.1	41434.2	1.01511 mg/L	Y 371.029
Zn 202.548	0.998526	mg/L	0.010982	1.1	9412.02	0.998526 mg/L	Y 371.029
Zn 206.200	0.990541	mg/L	0.005849	0.6	3070.55	0.990541 mg/L	Y 371.029
Zn 213.857	0.994000	mg/L	0.007744	0.8	17807.3	0.994000 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.988115	7923.48	64.491	0.8
Y 371.029	0.832229	137240	974.580	0.7

SEQ-ICB1 (Samp) **4/27/2011, 12:15:30 PM** **Rack 1, Tube 3**
M_200.7_T_WW **ICB**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000272uv	mg/L	0.000186	68.3	461.736	-0.000272 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000678	38.3	0.878985	uncal mg/L	Y 371.029
Al 237.312	0.010931	mg/L	0.006402	58.6	61.6884	0.010931 mg/L	Y 371.029
Al 257.509	0.011831uv	mg/L	0.010632	89.9	25.4688	0.011831 mg/L	Y 371.029
Al 308.215	-0.005053uv	mg/L	0.001228	24.3	1223.92	-0.005053 mg/L	Y 371.029
As 188.980	0.008477	mg/L	0.000588	6.9	7.84508	0.008477 mg/L	Y 371.029
As 193.696	0.013069	mg/L	0.003199	24.5	6.98749	0.013069 mg/L	Y 371.029
As 228.812	0.003751	mg/L	0.002130	56.8	14.5306	0.003751 mg/L	Y 371.029
B 182.577	0.023396	mg/L	0.004182	17.9	13.8296	0.023396 mg/L	Y 371.029
B 249.678	0.023329	mg/L	0.003992	17.1	238.968	0.023329 mg/L	Y 371.029
B 249.772	0.024555	mg/L	0.004240	17.3	464.754	0.024555 mg/L	Y 371.029
Ba 233.527	0.000959	mg/L	0.000039	4.0	211.542	0.000959 mg/L	Y 371.029
Ba 455.403	0.000771	mg/L	0.000005	0.7	4683.41	0.000771 mg/L	Y 371.029
Ba 493.408	0.000831	mg/L	0.000066	7.9	2920.09	0.000831 mg/L	Y 371.029
Be 234.861	0.000026	mg/L	0.000004	15.4	-0.785894	0.000026 mg/L	Y 371.029
Be 313.042	0.000018	mg/L	0.000008	43.8	357.966	0.000018 mg/L	Y 371.029
Be 313.107	0.000016	mg/L	0.000014	82.9	89.0882	0.000016 mg/L	Y 371.029
Ca 393.366	-0.000750nuv	mg/L	0.000080	10.7	17577.6	-0.000750 mg/L	Y 371.029
Ca 396.847	-0.000582uv	mg/L	0.000100	17.1	28014.2	-0.000582 mg/L	Y 371.029
Ca 430.253	-0.042592uv	mg/L	0.007214	16.9	1018.91	-0.042592 mg/L	Y 371.029
Cd 214.439	0.000134	mg/L	0.000063	47.1	2.82539	0.000134 mg/L	Y 371.029
Cd 226.502	0.000000uv	mg/L	0.000093	102776.9	22.3833	0.000000 mg/L	Y 371.029
Cd 228.802	0.000054uv	mg/L	0.000503	931.8	18.0034	0.000054 mg/L	Y 371.029
Co 228.615	0.001863	mg/L	0.000350	18.8	13.5687	0.001863 mg/L	Y 371.029
Co 230.786	-0.000118uv	mg/L	0.000394	334.7	5.29615	-0.000118 mg/L	Y 371.029
Co 238.892	0.000277	mg/L	0.000304	109.7	5.60268	0.000277 mg/L	Y 371.029
Cr 205.560	-0.000010uv	mg/L	0.000407	4271.9	5.21481	-0.000010 mg/L	Y 371.029
Cr 206.158	0.001030	mg/L	0.000589	57.2	3.20057	0.001030 mg/L	Y 371.029
Cr 267.716	0.000002uv	mg/L	0.000211	11887.2	26.3742	0.000002 mg/L	Y 371.029
Cu 213.598	-0.000147uv	mg/L	0.000207	140.6	1.13112	-0.000147 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cu 324.754	-0.000181uv	mg/L	0.000147	81.3	339.774	-0.000181 mg/L	Y 371.029
Cu 327.395	0.000449uv	mg/L	0.000866	193.1	37.5148	0.000449 mg/L	Y 371.029
Fe 234.350	0.001236	mg/L	0.000620	50.1	24.7720	0.001236 mg/L	Y 371.029
Fe 238.204	0.001151	mg/L	0.000709	61.6	62.8248	0.001151 mg/L	Y 371.029
Fe 259.940	0.000987	mg/L	0.000474	48.1	70.1199	0.000987 mg/L	Y 371.029
Ga 287.423	-0.000839uv	mg/L	0.004207	501.5	15.2727	-0.000839 mg/L	Y 371.029
Ga 294.363	0.002946	mg/L	0.000282	9.6	21.8683	0.002946 mg/L	Y 371.029
Ga 417.204	-0.001423uv	mg/L	0.001511	106.2	99.5194	-0.001423 mg/L	Y 371.029
K 766.491	-0.000547uv	mg/L	0.000229	42.0	1990.40	-0.000547 mg/L	Y 371.029
K 769.897	0.000895	mg/L	0.000768	85.8	12488.5	0.000895 mg/L	Y 371.029
Li 610.365	0.011042	mg/L	0.000139	1.3	-18.0625	0.011042 mg/L	Y 371.029
Li 670.783	-0.001885uv	mg/L	0.000025	1.3	60545.6	-0.001885 mg/L	Y 371.029
Mg 279.078	-0.002512uv	mg/L	0.001308	52.1	9.62561	-0.002512 mg/L	Y 371.029
Mg 280.270	0.000452	mg/L	0.000067	14.9	345.640	0.000452 mg/L	Y 371.029
Mg 285.213	0.001146	mg/L	0.000184	16.1	101.509	0.001146 mg/L	Y 371.029
Mn 257.610	-0.000017uv	mg/L	0.000047	272.2	13.1354	-0.000017 mg/L	Y 371.029
Mn 259.372	0.000042	mg/L	0.000086	203.8	69.3990	0.000042 mg/L	Y 371.029
Mn 260.568	0.000086	mg/L	0.000076	88.4	8.98259	0.000086 mg/L	Y 371.029
Mo 202.032	0.027210	mg/L	0.004144	15.2	113.387	0.027210 mg/L	Y 371.029
Mo 203.846	0.029270	mg/L	0.004089	14.0	45.3074	0.029270 mg/L	Y 371.029
Mo 204.598	0.027500	mg/L	0.003550	12.9	49.1030	0.027500 mg/L	Y 371.029
Na 568.821	0.562825	mg/L	0.095030	16.9	244.959	0.562825 mg/L	Y 371.029
Na 588.995	-0.213170uv	mg/L	0.003235	1.5	204853	-0.213170 mg/L	Y 371.029
Na 589.592	-0.052733uv	mg/L	0.003067	5.8	79000.2	-0.052733 mg/L	Y 371.029
Ni 216.555	0.001174	mg/L	0.000357	30.4	6.30052	0.001174 mg/L	Y 371.029
Ni 221.648	0.000669uv	mg/L	0.000829	124.1	3.52862	0.000669 mg/L	Y 371.029
Ni 231.604	-0.000203uv	mg/L	0.000440	217.2	4.85891	-0.000203 mg/L	Y 371.029
P 177.434	-0.002535uv	mg/L	0.004636	182.9	2.38493	-0.002535 mg/L	Y 371.029
P 213.618	0.002818	mg/L	0.001980	70.3	4.54214	0.002818 mg/L	Y 371.029
P 214.914	-0.007156uv	mg/L	0.004670	65.3	1.58337	-0.007156 mg/L	Y 371.029
Pb 220.353	0.000237uv	mg/L	0.002107	890.7	4.84637	0.000237 mg/L	Y 371.029
Pb 261.417	0.007234	mg/L	0.003406	47.1	19.0375	0.007234 mg/L	Y 371.029
Pb 405.781	0.008227	mg/L	0.007922	96.3	67.8707	0.008227 mg/L	Y 371.029
Sb 206.834	0.036141	mg/L	0.007549	20.9	29.6966	0.036141 mg/L	Y 371.029
Sb 231.146	0.034541	mg/L	0.002738	7.9	21.3292	0.034541 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.010380	71.0	21.6883	uncal mg/L	Y 371.029
Se 196.026	0.004860	mg/L	0.004871	100.2	4.83946	0.004860 mg/L	Y 371.029
Se 203.985	0.004077uv	mg/L	0.011824	290.0	4.94221	0.004077 mg/L	Y 371.029
Si 250.690	0.015473	mg/L	0.005761	37.2	66.1966	0.015473 mg/L	Y 371.029
Si 251.611	0.020403	mg/L	0.000867	4.3	67.4363	0.020403 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001900	14.1	863.667	uncal mg/L	Y 371.029
Sn 189.927	-0.001274uv	mg/L	0.001437	112.8	2.76192	-0.001274 mg/L	Y 371.029
Sn 283.998	0.006620	mg/L	0.002696	40.7	23.4073	0.006620 mg/L	Y 371.029
Sr 216.596	0.000908	mg/L	0.000370	40.8	20.3163	0.000908 mg/L	Y 371.029
Sr 407.771	0.000001uv	mg/L	0.000007	629.7	5424.32	0.000001 mg/L	Y 371.029
Sr 421.552	-0.000006uv	mg/L	0.000006	91.5	3264.65	-0.000006 mg/L	Y 371.029
Ti 334.941	0.001878	mg/L	0.000634	33.8	476.777	0.001878 mg/L	Y 371.029
Ti 336.122	0.001840	mg/L	0.000546	29.7	194.023	0.001840 mg/L	Y 371.029
Ti 337.280	0.002140	mg/L	0.000439	20.5	49.8337	0.002140 mg/L	Y 371.029
Tl 190.794	-0.000205uv	mg/L	0.001383	674.5	2.36450	-0.000205 mg/L	Y 371.029
Tl 190.807	0.002526uv	mg/L	0.002816	111.5	0.335595	0.002526 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 351.923	-0.004212uv	mg/L	0.002360	56.0	19.1349	-0.004212 mg/L	Y 371.029
V 268.796	0.000832	mg/L	0.000329	39.5	57.2677	0.000832 mg/L	Y 371.029
V 292.401	-0.000436uv	mg/L	0.000160	36.8	31.8543	-0.000436 mg/L	Y 371.029
V 311.837	0.000618	mg/L	0.000150	24.3	14.5908	0.000618 mg/L	Y 371.029
Zn 202.548	0.006366	mg/L	0.000308	4.8	668.855	0.006366 mg/L	Y 371.029
Zn 206.200	0.005800	mg/L	0.000417	7.2	215.148	0.005800 mg/L	Y 371.029
Zn 213.857	0.005817	mg/L	0.000089	1.5	1253.17	0.005817 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.985120	7899.46	28.467	0.4
Y 371.029	0.830760	136998	407.030	0.3

SEQ-LCV1 (Samp) **4/27/2011, 12:18:28 PM** **Rack 1, Tube 4**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.003744	mg/L	0.000343	9.2	654.646	0.003744 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002950	80.4	6.01964	uncal mg/L	Y 371.029
Al 237.312	0.107907	mg/L	0.007871	7.3	180.922	0.107907 mg/L	Y 371.029
Al 257.509	0.100648	mg/L	0.005870	5.8	76.0214	0.100648 mg/L	Y 371.029
Al 308.215	0.091876	mg/L	0.002338	2.5	1799.51	0.091876 mg/L	Y 371.029
As 188.980	0.025670	mg/L	0.003001	11.7	13.6301	0.025670 mg/L	Y 371.029
As 193.696	0.026192	mg/L	0.000885	3.4	12.3773	0.026192 mg/L	Y 371.029
As 228.812	0.030869	mg/L	0.008629	28.0	53.9452	0.030869 mg/L	Y 371.029
B 182.577	0.025615	mg/L	0.000402	1.6	14.7671	0.025615 mg/L	Y 371.029
B 249.678	0.028092	mg/L	0.000595	2.1	279.521	0.028092 mg/L	Y 371.029
B 249.772	0.029130	mg/L	0.000688	2.4	539.625	0.029130 mg/L	Y 371.029
Ba 233.527	0.020170	mg/L	0.000092	0.5	948.376	0.020170 mg/L	Y 371.029
Ba 455.403	0.020134	mg/L	0.000021	0.1	21617.5	0.020134 mg/L	Y 371.029
Ba 493.408	0.019812	mg/L	0.000021	0.1	13090.0	0.019812 mg/L	Y 371.029
Be 234.861	0.019871	mg/L	0.000042	0.2	2304.29	0.019871 mg/L	Y 371.029
Be 313.042	0.019974	mg/L	0.000033	0.2	34054.7	0.019974 mg/L	Y 371.029
Be 313.107	0.020023	mg/L	0.000053	0.3	16733.8	0.020023 mg/L	Y 371.029
Ca 393.366	0.208624n	mg/L	0.000267	0.1	263276	0.208624 mg/L	Y 371.029
Ca 396.847	0.199972	mg/L	0.000144	0.1	425016	0.199972 mg/L	Y 371.029
Ca 430.253	0.207607	mg/L	0.002047	1.0	2082.33	0.207607 mg/L	Y 371.029
Cd 214.439	0.009881	mg/L	0.000111	1.1	183.061	0.009881 mg/L	Y 371.029
Cd 226.502	0.010104	mg/L	0.000247	2.4	389.137	0.010104 mg/L	Y 371.029
Cd 228.802	0.010023	mg/L	0.000257	2.6	154.668	0.010023 mg/L	Y 371.029
Co 228.615	0.020824	mg/L	0.000379	1.8	175.850	0.020824 mg/L	Y 371.029
Co 230.786	0.020303	mg/L	0.000172	0.8	128.088	0.020303 mg/L	Y 371.029
Co 238.892	0.019968	mg/L	0.000433	2.2	116.547	0.019968 mg/L	Y 371.029
Cr 205.560	0.019109	mg/L	0.000119	0.6	82.7378	0.019109 mg/L	Y 371.029
Cr 206.158	0.020832	mg/L	0.000449	2.2	35.5145	0.020832 mg/L	Y 371.029
Cr 267.716	0.019758	mg/L	0.000232	1.2	452.980	0.019758 mg/L	Y 371.029
Cu 213.598	0.018884	mg/L	0.000748	4.0	75.3914	0.018884 mg/L	Y 371.029
Cu 324.754	0.019649	mg/L	0.000232	1.2	970.484	0.019649 mg/L	Y 371.029
Cu 327.395	0.019941	mg/L	0.000189	0.9	868.139	0.019941 mg/L	Y 371.029
Fe 234.350	0.020030	mg/L	0.000582	2.9	196.416	0.020030 mg/L	Y 371.029
Fe 238.204	0.019666	mg/L	0.000466	2.4	403.450	0.019666 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 259.940	0.020002	mg/L	0.000088	0.4	357.106	0.020002 mg/L	Y 371.029
Ga 287.423	0.019362	mg/L	0.001011	5.2	60.4785	0.019362 mg/L	Y 371.029
Ga 294.363	0.021308	mg/L	0.000452	2.1	131.531	0.021308 mg/L	Y 371.029
Ga 417.204	0.018364	mg/L	0.001779	9.7	275.718	0.018364 mg/L	Y 371.029
K 766.491	0.199754	mg/L	0.000277	0.1	15724.7	0.199754 mg/L	Y 371.029
K 769.897	0.192428	mg/L	0.001089	0.6	23343.0	0.192428 mg/L	Y 371.029
Li 610.365	0.026890	mg/L	0.000358	1.3	774.896	0.026890 mg/L	Y 371.029
Li 670.783	0.042206	mg/L	0.000017	0.0	212346	0.042206 mg/L	Y 371.029
Mg 279.078	0.199426	mg/L	0.002114	1.1	334.499	0.199426 mg/L	Y 371.029
Mg 280.270	0.202847	mg/L	0.000620	0.3	20338.3	0.202847 mg/L	Y 371.029
Mg 285.213	0.196421	mg/L	0.001082	0.6	7016.45	0.196421 mg/L	Y 371.029
Mn 257.610	0.019939	mg/L	0.000131	0.7	2927.99	0.019939 mg/L	Y 371.029
Mn 259.372	0.019940	mg/L	0.000165	0.8	2231.68	0.019940 mg/L	Y 371.029
Mn 260.568	0.019879	mg/L	0.000156	0.8	374.962	0.019879 mg/L	Y 371.029
Mo 202.032	0.052712	mg/L	0.003140	6.0	200.279	0.052712 mg/L	Y 371.029
Mo 203.846	0.054215	mg/L	0.004175	7.7	82.4358	0.054215 mg/L	Y 371.029
Mo 204.598	0.053024	mg/L	0.001991	3.8	92.4815	0.053024 mg/L	Y 371.029
Na 568.821	0.670142	mg/L	0.120165	17.9	273.409	0.670142 mg/L	Y 371.029
Na 588.995	-0.035107uv	mg/L	0.000974	2.8	304868	-0.035107 mg/L	Y 371.029
Na 589.592	0.107615	mg/L	0.000474	0.4	127419	0.107615 mg/L	Y 371.029
Ni 216.555	0.041048	mg/L	0.000943	2.3	207.714	0.041048 mg/L	Y 371.029
Ni 221.648	0.040359	mg/L	0.000568	1.4	83.0386	0.040359 mg/L	Y 371.029
Ni 231.604	0.040490	mg/L	0.000768	1.9	141.232	0.040490 mg/L	Y 371.029
P 177.434	0.019086	mg/L	0.010244	53.7	5.60020	0.019086 mg/L	Y 371.029
P 213.618	0.015233	mg/L	0.003976	26.1	13.0651	0.015233 mg/L	Y 371.029
P 214.914	0.034194	mg/L	0.020355	59.5	8.78812	0.034194 mg/L	Y 371.029
Pb 220.353	0.041019	mg/L	0.001745	4.3	49.1629	0.041019 mg/L	Y 371.029
Pb 261.417	0.043890	mg/L	0.009348	21.3	37.2168	0.043890 mg/L	Y 371.029
Pb 405.781	0.039087	mg/L	0.013527	34.6	106.937	0.039087 mg/L	Y 371.029
Sb 206.834	0.068566	mg/L	0.003179	4.6	47.7943	0.068566 mg/L	Y 371.029
Sb 231.146	0.066310	mg/L	0.010012	15.1	34.4394	0.066310 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.001397	3.0	31.3178	uncal mg/L	Y 371.029
Se 196.026	0.049680	mg/L	0.006200	12.5	17.9325	0.049680 mg/L	Y 371.029
Se 203.985	0.047204	mg/L	0.005713	12.1	12.2510	0.047204 mg/L	Y 371.029
Si 250.690	0.025328	mg/L	0.003203	12.6	78.8704	0.025328 mg/L	Y 371.029
Si 251.611	0.034976	mg/L	0.000650	1.9	88.9642	0.034976 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.000525	1.9	966.916	uncal mg/L	Y 371.029
Sn 189.927	0.040161	mg/L	0.000973	2.4	15.0452	0.040161 mg/L	Y 371.029
Sn 283.998	0.045537	mg/L	0.003682	8.1	97.1254	0.045537 mg/L	Y 371.029
Sr 216.596	0.020564	mg/L	0.000620	3.0	173.977	0.020564 mg/L	Y 371.029
Sr 407.771	0.019929	mg/L	0.000056	0.3	55508.3	0.019929 mg/L	Y 371.029
Sr 421.552	0.019842	mg/L	0.000042	0.2	35670.8	0.019842 mg/L	Y 371.029
Ti 334.941	0.020762	mg/L	0.000564	2.7	4514.98	0.020762 mg/L	Y 371.029
Ti 336.122	0.021363	mg/L	0.000301	1.4	1950.43	0.021363 mg/L	Y 371.029
Ti 337.280	0.020661	mg/L	0.000435	2.1	616.318	0.020661 mg/L	Y 371.029
Tl 190.794	0.021796	mg/L	0.005579	25.6	9.98238	0.021796 mg/L	Y 371.029
Tl 190.807	0.024047	mg/L	0.002881	12.0	4.08983	0.024047 mg/L	Y 371.029
Tl 351.923	0.017970	mg/L	0.002861	15.9	54.4149	0.017970 mg/L	Y 371.029
V 268.796	0.021028	mg/L	0.000361	1.7	252.861	0.021028 mg/L	Y 371.029
V 292.401	0.019847	mg/L	0.000171	0.9	637.095	0.019847 mg/L	Y 371.029
V 311.837	0.019346	mg/L	0.000166	0.9	778.864	0.019346 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 202.548	0.020140	mg/L	0.001002	5.0	790.919	0.020140 mg/L	Y 371.029
Zn 206.200	0.020122	mg/L	0.000391	1.9	256.735	0.020122 mg/L	Y 371.029
Zn 213.857	0.019999	mg/L	0.000662	3.3	1493.56	0.019999 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.996147	7987.88	15.473	0.2
Y 371.029	0.837990	138190	257.793	0.2

SEQ-HCV1 (Samp) **4/27/2011, 12:22:06 PM** **Rack 1, Tube 5**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.787338b	mg/L	0.001766	0.2	38339.2	0.787338 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.007780	0.9	2330.04	uncal mg/L	Y 371.029
Al 237.312	50.5936b	mg/L	0.069695	0.1	62259.8	50.5936 mg/L	Y 371.029
Al 257.509	50.3657b	mg/L	0.186064	0.4	28687.9	50.3657 mg/L	Y 371.029
Al 308.215	49.4005b	mg/L	0.087787	0.2	295010	49.4005 mg/L	Y 371.029
As 188.980	10.3076b	mg/L	0.068313	0.7	3473.36	10.3076 mg/L	Y 371.029
As 193.696	10.3317b	mg/L	0.036763	0.4	4244.03	10.3317 mg/L	Y 371.029
As 228.812	11.2452b	mg/L	0.113274	1.0	17857.7	11.2452 mg/L	Y 371.029
B 182.577	10.4012b	mg/L	0.094465	0.9	4351.05	10.4012 mg/L	Y 371.029
B 249.678	10.4510b	mg/L	0.067686	0.6	88504.0	10.4510 mg/L	Y 371.029
B 249.772	10.3006b	mg/L	0.141359	1.4	167849	10.3006 mg/L	Y 371.029
Ba 233.527	9.93025b	mg/L	0.033773	0.3	381064	9.93025 mg/L	Y 371.029
Ba 455.403	9.18450b	mg/L	0.022283	0.2	8036330	9.18450 mg/L	Y 371.029
Ba 493.408	9.68479b	mg/L	0.209501	2.2	5191351	9.68479 mg/L	Y 371.029
Be 234.861	10.2364b	mg/L	0.036524	0.4	1188990	10.2364 mg/L	Y 371.029
Be 313.042	9.40211b	mg/L	0.022628	0.2	15875539	9.40211 mg/L	Y 371.029
Be 313.107	9.58691b	mg/L	0.021605	0.2	7975932	9.58691 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.270112	0.7	46424284	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.136975	0.6	47265900	- mg/L	Y 371.029
Ca 430.253	101.805b	mg/L	0.215968	0.2	434277	101.805 mg/L	Y 371.029
Cd 214.439	4.88321b	mg/L	0.062551	1.3	90305.9	4.88321 mg/L	Y 371.029
Cd 226.502	4.87515b	mg/L	0.005518	0.1	176988	4.87515 mg/L	Y 371.029
Cd 228.802	5.08666b	mg/L	0.009153	0.2	69754.0	5.08666 mg/L	Y 371.029
Co 228.615	9.92075b	mg/L	0.013105	0.1	84871.7	9.92075 mg/L	Y 371.029
Co 230.786	9.93140b	mg/L	0.015121	0.2	59710.1	9.93140 mg/L	Y 371.029
Co 238.892	9.77929b	mg/L	0.015405	0.2	55107.4	9.77929 mg/L	Y 371.029
Cr 205.560	9.81606b	mg/L	0.048192	0.5	39813.9	9.81606 mg/L	Y 371.029
Cr 206.158	9.77283b	mg/L	0.073171	0.7	15953.7	9.77283 mg/L	Y 371.029
Cr 267.716	9.82415b	mg/L	0.012188	0.1	212185	9.82415 mg/L	Y 371.029
Cu 213.598	9.73512b	mg/L	0.024745	0.3	38078.4	9.73512 mg/L	Y 371.029
Cu 324.754	9.99202b	mg/L	0.048035	0.5	318131	9.99202 mg/L	Y 371.029
Cu 327.395	9.93550b	mg/L	0.047755	0.5	423381	9.93550 mg/L	Y 371.029
Fe 234.350	10.0911b	mg/L	0.028310	0.3	91953.0	10.0911 mg/L	Y 371.029
Fe 238.204	9.95953b	mg/L	0.041197	0.4	183245	9.95953 mg/L	Y 371.029
Fe 259.940	9.89247b	mg/L	0.036673	0.4	149533	9.89247 mg/L	Y 371.029
Ga 287.423	10.1902b	mg/L	0.005411	0.1	22850.6	10.1902 mg/L	Y 371.029
Ga 294.363	10.1615b	mg/L	0.022475	0.2	60693.4	10.1615 mg/L	Y 371.029
Ga 417.204	10.1705b	mg/L	0.014765	0.1	90943.4	10.1705 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
K 766.491	85.4200b	mg/L	0.811043	0.9	5860052	85.4200 mg/L	Y 371.029
K 769.897	97.6012b	mg/L	0.479057	0.5	5544414	97.6012 mg/L	Y 371.029
Li 610.365	21.1962b	mg/L	0.097656	0.5	1059984	21.1962 mg/L	Y 371.029
Li 670.783	-ob	mg/L	0.133368	1.0	44720036	- mg/L	Y 371.029
Mg 279.078	101.037b	mg/L	0.149921	0.1	162550	101.037 mg/L	Y 371.029
Mg 280.270	72.2960b	mg/L	0.252125	0.3	7142503	72.2960 mg/L	Y 371.029
Mg 285.213	95.6770b	mg/L	0.837410	0.9	3388185	95.6770 mg/L	Y 371.029
Mn 257.610	9.66155b	mg/L	0.081748	0.8	1412519	9.66155 mg/L	Y 371.029
Mn 259.372	9.70934b	mg/L	0.071830	0.7	1060644	9.70934 mg/L	Y 371.029
Mn 260.568	9.90960b	mg/L	0.046029	0.5	183250	9.90960 mg/L	Y 371.029
Mo 202.032	22.0886b	mg/L	0.194914	0.9	75207.1	22.0886 mg/L	Y 371.029
Mo 203.846	21.4448b	mg/L	0.245805	1.1	31888.3	21.4448 mg/L	Y 371.029
Mo 204.598	22.1309b	mg/L	0.265804	1.2	37575.5	22.1309 mg/L	Y 371.029
Na 568.821	101.420b	mg/L	0.093659	0.1	26748.6	101.420 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.00754	1.6	36200832	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	3.78056	4.0	28983232	- mg/L	Y 371.029
Ni 216.555	19.5854b	mg/L	0.044035	0.2	98931.0	19.5854 mg/L	Y 371.029
Ni 221.648	19.4769b	mg/L	0.038439	0.2	39022.4	19.4769 mg/L	Y 371.029
Ni 231.604	19.6704b	mg/L	0.028331	0.1	65931.1	19.6704 mg/L	Y 371.029
P 177.434	10.3567b	mg/L	0.055825	0.5	1542.61	10.3567 mg/L	Y 371.029
P 213.618	10.2176b	mg/L	0.067988	0.7	6892.70	10.2176 mg/L	Y 371.029
P 214.914	10.3009b	mg/L	0.007289	0.1	1858.60	10.3009 mg/L	Y 371.029
Pb 220.353	19.5538b	mg/L	0.022012	0.1	21253.9	19.5538 mg/L	Y 371.029
Pb 261.417	20.0541b	mg/L	0.020144	0.1	9966.20	20.0541 mg/L	Y 371.029
Pb 405.781	20.4032b	mg/L	0.019421	0.1	25854.2	20.4032 mg/L	Y 371.029
Sb 206.834	21.9949b	mg/L	0.269016	1.2	12270.9	21.9949 mg/L	Y 371.029
Sb 231.146	22.8525b	mg/L	0.287988	1.3	9420.00	22.8525 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.374019	1.4	7663.28	uncal mg/L	Y 371.029
Se 196.026	21.0772b	mg/L	0.015729	0.1	6160.96	21.0772 mg/L	Y 371.029
Se 203.985	21.7008b	mg/L	0.108010	0.5	3674.97	21.7008 mg/L	Y 371.029
Si 250.690	16.2041b	mg/L	0.506242	3.1	20540.8	16.2041 mg/L	Y 371.029
Si 251.611	15.8864b	mg/L	0.498126	3.1	23158.4	15.8864 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.514084	3.2	118457	uncal mg/L	Y 371.029
Sn 189.927	19.8569b	mg/L	0.088303	0.4	5889.80	19.8569 mg/L	Y 371.029
Sn 283.998	19.7443b	mg/L	0.042762	0.2	37161.9	19.7443 mg/L	Y 371.029
Sr 216.596	9.86116b	mg/L	0.017232	0.2	77100.4	9.86116 mg/L	Y 371.029
Sr 407.771	8.71731b	mg/L	0.026397	0.3	21915328	8.71731 mg/L	Y 371.029
Sr 421.552	9.03500b	mg/L	0.043564	0.5	14755288	9.03500 mg/L	Y 371.029
Ti 334.941	9.91058b	mg/L	0.022277	0.2	2119353	9.91058 mg/L	Y 371.029
Ti 336.122	9.90833b	mg/L	0.012364	0.1	891489	9.90833 mg/L	Y 371.029
Ti 337.280	10.0692b	mg/L	0.017182	0.2	307954	10.0692 mg/L	Y 371.029
Tl 190.794	9.91893b	mg/L	0.027352	0.3	3438.38	9.91893 mg/L	Y 371.029
Tl 190.807	9.98866b	mg/L	0.033658	0.3	1759.06	9.98866 mg/L	Y 371.029
Tl 351.923	10.2712b	mg/L	0.028955	0.3	16363.8	10.2712 mg/L	Y 371.029
V 268.796	9.86408b	mg/L	0.031202	0.3	105505	9.86408 mg/L	Y 371.029
V 292.401	9.91578b	mg/L	0.031959	0.3	295964	9.91578 mg/L	Y 371.029
V 311.837	10.1745b	mg/L	0.009724	0.1	415155	10.1745 mg/L	Y 371.029
Zn 202.548	9.53812b	mg/L	0.015791	0.2	84726.3	9.53812 mg/L	Y 371.029
Zn 206.200	9.36660b	mg/L	0.048313	0.5	27380.6	9.36660 mg/L	Y 371.029
Zn 213.857	9.78761b	mg/L	0.096199	1.0	166008	9.78761 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.935714	7503.29	52.644	0.7
Y 371.029	0.800241	131965	974.553	0.7

SEQ-IFA1 (Samp) **4/27/2011, 12:29:24 PM** **Rack 1, Tube 6**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001238uv	mg/L	0.000164	13.3	356.052	-0.001238 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.004561	6.0	95.1979	uncal mg/L	Y 371.029
Al 237.312	95.4732	mg/L	0.260378	0.3	117332	95.4732 mg/L	Y 371.029
Al 257.509	97.3455	mg/L	0.323446	0.3	55458.3	97.3455 mg/L	Y 371.029
Al 308.215	95.7520	mg/L	0.173546	0.2	569047	95.7520 mg/L	Y 371.029
As 188.980	0.036148	mg/L	0.003423	9.5	7.20407	0.036148 mg/L	Y 371.029
As 193.696	-0.004078uv	mg/L	0.003748	91.9	2.12078	-0.004078 mg/L	Y 371.029
As 228.812	11.4488	mg/L	0.173237	1.5	25048.4	11.4488 mg/L	Y 371.029
B 182.577	0.025487	mg/L	0.006243	24.5	21.0081	0.025487 mg/L	Y 371.029
B 249.678	0.011283	mg/L	0.005364	47.5	353.358	0.011283 mg/L	Y 371.029
B 249.772	0.031376	mg/L	0.007175	22.9	2036.38	0.031376 mg/L	Y 371.029
Ba 233.527	-0.005598	mg/L	0.000031	0.6	289.100	-0.005598 mg/L	Y 371.029
Ba 455.403	-0.003776uv	mg/L	0.000012	0.3	4002.16	-0.003776 mg/L	Y 371.029
Ba 493.408	-0.003897	mg/L	0.000029	0.8	2842.98	-0.003897 mg/L	Y 371.029
Be 234.861	-0.000503uv	mg/L	0.000325	64.6	-558.300	-0.000503 mg/L	Y 371.029
Be 313.042	-0.000149	mg/L	0.000004	2.6	1207.44	-0.000149 mg/L	Y 371.029
Be 313.107	0.000184uv	mg/L	0.000004	2.2	17.1788	0.000184 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.184986	0.5	45233548	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.175907	0.8	46177984	- mg/L	Y 371.029
Ca 430.253	95.0494	mg/L	0.263288	0.3	405844	95.0494 mg/L	Y 371.029
Cd 214.439	9.27363	mg/L	0.108408	1.2	171498	9.27363 mg/L	Y 371.029
Cd 226.502	9.35235	mg/L	0.027156	0.3	339620	9.35235 mg/L	Y 371.029
Cd 228.802	9.50121	mg/L	0.185687	2.0	130250	9.50121 mg/L	Y 371.029
Co 228.615	-0.004364	mg/L	0.000260	6.0	138.163	-0.004364 mg/L	Y 371.029
Co 230.786	-0.008767	mg/L	0.000293	3.3	68.7285	-0.008767 mg/L	Y 371.029
Co 238.892	-0.002003uv	mg/L	0.004527	226.1	-513.119	-0.002003 mg/L	Y 371.029
Cr 205.560	9.18943	mg/L	0.051015	0.6	37388.7	9.18943 mg/L	Y 371.029
Cr 206.158	9.15745	mg/L	0.035433	0.4	15000.3	9.15745 mg/L	Y 371.029
Cr 267.716	9.15272	mg/L	0.015591	0.2	198304	9.15272 mg/L	Y 371.029
Cu 213.598	9.05707	mg/L	0.036006	0.4	35503.3	9.05707 mg/L	Y 371.029
Cu 324.754	9.30114	mg/L	0.040367	0.4	296620	9.30114 mg/L	Y 371.029
Cu 327.395	9.24374	mg/L	0.037998	0.4	394853	9.24374 mg/L	Y 371.029
Fe 234.350	97.6039	mg/L	0.462727	0.5	845603	97.6039 mg/L	Y 371.029
Fe 238.204	95.0637	mg/L	0.202293	0.2	1696041	95.0637 mg/L	Y 371.029
Fe 259.940	94.9083	mg/L	0.215735	0.2	1396455	94.9083 mg/L	Y 371.029
Ga 287.423	-0.232714	mg/L	0.004062	1.7	1524.86	-0.232714 mg/L	Y 371.029
Ga 294.363	-0.018285	mg/L	0.002052	11.2	182.294	-0.018285 mg/L	Y 371.029
Ga 417.204	-0.055208	mg/L	0.000724	1.3	4805.28	-0.055208 mg/L	Y 371.029
K 766.491	-0.045712	mg/L	0.000452	1.0	2223.05	-0.045712 mg/L	Y 371.029
K 769.897	-0.010570	mg/L	0.002268	21.5	12621.3	-0.010570 mg/L	Y 371.029
Li 610.365	0.013033	mg/L	0.000131	1.0	81.5759	0.013033 mg/L	Y 371.029
Li 670.783	-0.013211uv	mg/L	0.000035	0.3	59185.4	-0.013211 mg/L	Y 371.029
Mg 279.078	94.3540	mg/L	0.118658	0.1	151850	94.3540 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	70.2930	mg/L	1.02276	1.5	6944754	70.2930 mg/L	Y 371.029
Mg 285.213	89.6435	mg/L	0.584190	0.7	3174547	89.6435 mg/L	Y 371.029
Mn 257.610	8.80622	mg/L	0.013680	0.2	1305385	8.80622 mg/L	Y 371.029
Mn 259.372	8.92081	mg/L	0.015176	0.2	985954	8.92081 mg/L	Y 371.029
Mn 260.568	9.16391	mg/L	0.006953	0.1	169967	9.16391 mg/L	Y 371.029
Mo 202.032	9.55414	mg/L	0.128422	1.3	32695.1	9.55414 mg/L	Y 371.029
Mo 203.846	9.18377	mg/L	0.132272	1.4	13737.1	9.18377 mg/L	Y 371.029
Mo 204.598	9.49813	mg/L	0.121611	1.3	16218.9	9.49813 mg/L	Y 371.029
Na 568.821	96.0339	mg/L	0.164801	0.2	25267.6	96.0339 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.129387	0.2	34537996	- mg/L	Y 371.029
Na 589.592	-o	mg/L	0.395244	0.5	26364202	- mg/L	Y 371.029
Ni 216.555	8.54682	mg/L	0.025876	0.3	43615.3	8.54682 mg/L	Y 371.029
Ni 221.648	8.47768	mg/L	0.127761	1.5	17153.0	8.47768 mg/L	Y 371.029
Ni 231.604	8.60494	mg/L	0.026484	0.3	29124.5	8.60494 mg/L	Y 371.029
P 177.434	-0.015914	mg/L	0.002371	14.9	7.32350	-0.015914 mg/L	Y 371.029
P 213.618	-0.194125	mg/L	0.030609	15.8	94.2337	-0.194125 mg/L	Y 371.029
P 214.914	-0.218240	mg/L	0.017884	8.2	59.9827	-0.218240 mg/L	Y 371.029
Pb 220.353	-0.003368uv	mg/L	0.003637	108.0	5.27318	-0.003368 mg/L	Y 371.029
Pb 261.417	0.048160uv	mg/L	0.020809	43.2	21.1507	0.048160 mg/L	Y 371.029
Pb 405.781	-0.095412	mg/L	0.012886	13.5	91.2442	-0.095412 mg/L	Y 371.029
Sb 206.834	0.030125	mg/L	0.006213	20.6	88.4391	0.030125 mg/L	Y 371.029
Sb 231.146	-0.191866uv	mg/L	0.010880	5.7	9.64206	-0.191866 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.010774	2.3	11.5209	uncal mg/L	Y 371.029
Se 196.026	0.001166	mg/L	0.009512	815.6	7.75077	0.001166 mg/L	Y 371.029
Se 203.985	-0.032522	mg/L	0.024876	76.5	149.675	-0.032522 mg/L	Y 371.029
Si 250.690	-0.048778	mg/L	0.007024	14.4	197.274	-0.048778 mg/L	Y 371.029
Si 251.611	-0.118078	mg/L	0.011221	9.5	280.097	-0.118078 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.009177	130.3	1226.15	uncal mg/L	Y 371.029
Sn 189.927	-0.011611uv	mg/L	0.005143	44.3	2.76457	-0.011611 mg/L	Y 371.029
Sn 283.998	-0.042840	mg/L	0.030974	72.3	9241.97	-0.042840 mg/L	Y 371.029
Sr 216.596	-0.030004uv	mg/L	0.000250	0.8	-22.8903	-0.030004 mg/L	Y 371.029
Sr 407.771	-0.001212	mg/L	0.000018	1.5	8503.77	-0.001212 mg/L	Y 371.029
Sr 421.552	-0.001581	mg/L	0.000009	0.6	5221.52	-0.001581 mg/L	Y 371.029
Ti 334.941	9.18848	mg/L	0.043182	0.5	1966944	9.18848 mg/L	Y 371.029
Ti 336.122	9.19284	mg/L	0.039962	0.4	827825	9.19284 mg/L	Y 371.029
Ti 337.280	9.37404	mg/L	0.028903	0.3	286902	9.37404 mg/L	Y 371.029
Tl 190.794	-0.041340	mg/L	0.003010	7.3	3.85622	-0.041340 mg/L	Y 371.029
Tl 190.807	0.014494	mg/L	0.010414	71.8	9.54761	0.014494 mg/L	Y 371.029
Tl 351.923	0.011184	mg/L	0.002926	26.2	51.0545	0.011184 mg/L	Y 371.029
V 268.796	9.17261	mg/L	0.039834	0.4	86772.6	9.17261 mg/L	Y 371.029
V 292.401	9.28892	mg/L	0.080659	0.9	277917	9.28892 mg/L	Y 371.029
V 311.837	9.41913	mg/L	0.024305	0.3	385068	9.41913 mg/L	Y 371.029
Zn 202.548	9.02471	mg/L	0.011118	0.1	80217.8	9.02471 mg/L	Y 371.029
Zn 206.200	8.87646	mg/L	0.038990	0.4	25963.1	8.87646 mg/L	Y 371.029
Zn 213.857	9.24007	mg/L	0.068778	0.7	156045	9.24007 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.961276	7708.27	27.778	0.4
Y 371.029	0.817106	134747	771.482	0.6

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SEQ-IFB1 (Samp) **4/27/2011, 12:33:37 PM** **Rack 1, Tube 7**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.098784	mg/L	0.000108	0.1	5162.21	0.098784 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.003750	2.2	364.731	uncal mg/L	Y 371.029
Al 237.312	96.8751	mg/L	0.292703	0.3	119054	96.8751 mg/L	Y 371.029
Al 257.509	98.6330	mg/L	0.287904	0.3	56190.7	98.6330 mg/L	Y 371.029
Al 308.215	97.3032	mg/L	0.061719	0.1	578294	97.3032 mg/L	Y 371.029
As 188.980	0.535680	mg/L	0.004183	0.8	175.356	0.535680 mg/L	Y 371.029
As 193.696	0.465892	mg/L	0.005077	1.1	195.057	0.465892 mg/L	Y 371.029
As 228.812	12.4160	mg/L	0.035901	0.3	26188.8	12.4160 mg/L	Y 371.029
B 182.577	0.487646	mg/L	0.002231	0.5	214.114	0.487646 mg/L	Y 371.029
B 249.678	0.482929	mg/L	0.008819	1.8	4343.91	0.482929 mg/L	Y 371.029
B 249.772	0.479368	mg/L	0.005843	1.2	9330.24	0.479368 mg/L	Y 371.029
Ba 233.527	0.482762	mg/L	0.000443	0.1	19018.4	0.482762 mg/L	Y 371.029
Ba 455.403	0.488267	mg/L	0.001334	0.3	434273	0.488267 mg/L	Y 371.029
Ba 493.408	0.482995	mg/L	0.000548	0.1	263684	0.482995 mg/L	Y 371.029
Be 234.861	0.472839	mg/L	0.001116	0.2	54422.3	0.472839 mg/L	Y 371.029
Be 313.042	0.483153	mg/L	0.000822	0.2	817274	0.483153 mg/L	Y 371.029
Be 313.107	0.487744	mg/L	0.000379	0.1	405634	0.487744 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.307302	0.8	45830960	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.228938	1.0	46685204	- mg/L	Y 371.029
Ca 430.253	99.3058	mg/L	0.121637	0.1	423949	99.3058 mg/L	Y 371.029
Cd 214.439	9.39629	mg/L	0.124155	1.3	173767	9.39629 mg/L	Y 371.029
Cd 226.502	9.48887	mg/L	0.024360	0.3	344576	9.48887 mg/L	Y 371.029
Cd 228.802	9.68903	mg/L	0.034695	0.4	132825	9.68903 mg/L	Y 371.029
Co 228.615	0.480241	mg/L	0.002550	0.5	4283.55	0.480241 mg/L	Y 371.029
Co 230.786	0.474894	mg/L	0.001436	0.3	2976.10	0.474894 mg/L	Y 371.029
Co 238.892	0.359924	mg/L	0.005277	1.5	1527.89	0.359924 mg/L	Y 371.029
Cr 205.560	9.54721	mg/L	0.098822	1.0	38839.2	9.54721 mg/L	Y 371.029
Cr 206.158	9.50996	mg/L	0.057534	0.6	15575.5	9.50996 mg/L	Y 371.029
Cr 267.716	9.53905	mg/L	0.072534	0.8	206643	9.53905 mg/L	Y 371.029
Cu 213.598	9.42604	mg/L	0.077530	0.8	36948.8	9.42604 mg/L	Y 371.029
Cu 324.754	9.74209	mg/L	0.017990	0.2	310647	9.74209 mg/L	Y 371.029
Cu 327.395	9.69492	mg/L	0.022827	0.2	414074	9.69492 mg/L	Y 371.029
Fe 234.350	97.8701	mg/L	0.453556	0.5	848086	97.8701 mg/L	Y 371.029
Fe 238.204	94.6848	mg/L	0.111884	0.1	1689541	94.6848 mg/L	Y 371.029
Fe 259.940	94.2712	mg/L	0.566492	0.6	1387281	94.2712 mg/L	Y 371.029
Ga 287.423	0.248224	mg/L	0.006011	2.4	2597.16	0.248224 mg/L	Y 371.029
Ga 294.363	0.455971	mg/L	0.001294	0.3	3013.32	0.455971 mg/L	Y 371.029
Ga 417.204	0.452503	mg/L	0.001567	0.3	9305.79	0.452503 mg/L	Y 371.029
K 766.491	5.48494	mg/L	0.018279	0.3	381424	5.48494 mg/L	Y 371.029
K 769.897	5.32608	mg/L	0.020871	0.4	315075	5.32608 mg/L	Y 371.029
Li 610.365	0.909933	mg/L	0.000779	0.1	44958.0	0.909933 mg/L	Y 371.029
Li 670.783	0.984091	mg/L	0.002225	0.2	3492728	0.984091 mg/L	Y 371.029
Mg 279.078	98.6473	mg/L	0.140183	0.1	158741	98.6473 mg/L	Y 371.029
Mg 280.270	71.6120	mg/L	1.25706	1.8	7075113	71.6120 mg/L	Y 371.029
Mg 285.213	93.2118	mg/L	0.314968	0.3	3300911	93.2118 mg/L	Y 371.029
Mn 257.610	9.16866	mg/L	0.058476	0.6	1358199	9.16866 mg/L	Y 371.029
Mn 259.372	9.28689	mg/L	0.054475	0.6	1026049	9.28689 mg/L	Y 371.029
Mn 260.568	9.53036	mg/L	0.033963	0.4	176742	9.53036 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	10.6568	mg/L	0.096428	0.9	36445.7	10.6568 mg/L	Y 371.029
Mo 203.846	10.2566	mg/L	0.184131	1.8	15331.0	10.2566 mg/L	Y 371.029
Mo 204.598	10.5574	mg/L	0.182850	1.7	18016.1	10.5574 mg/L	Y 371.029
Na 568.821	100.585	mg/L	0.127662	0.1	26462.4	100.585 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.111165	0.2	35262640	- mg/L	Y 371.029
Na 589.592	-o	mg/L	0.895617	1.0	27627198	- mg/L	Y 371.029
Ni 216.555	9.44911	mg/L	0.023769	0.3	48171.7	9.44911 mg/L	Y 371.029
Ni 221.648	9.30588	mg/L	0.121107	1.3	18811.9	9.30588 mg/L	Y 371.029
Ni 231.604	9.51755	mg/L	0.087704	0.9	32182.2	9.51755 mg/L	Y 371.029
P 177.434	0.487825	mg/L	0.005971	1.2	82.1473	0.487825 mg/L	Y 371.029
P 213.618	0.236612	mg/L	0.015337	6.5	383.972	0.236612 mg/L	Y 371.029
P 214.914	0.282905	mg/L	0.016362	5.8	149.478	0.282905 mg/L	Y 371.029
Pb 220.353	0.951516	mg/L	0.002638	0.3	1042.91	0.951516 mg/L	Y 371.029
Pb 261.417	0.367734	mg/L	0.019535	5.3	179.464	0.367734 mg/L	Y 371.029
Pb 405.781	0.851818	mg/L	0.013655	1.6	1288.00	0.851818 mg/L	Y 371.029
Sb 206.834	1.12466	mg/L	0.003244	0.3	697.909	1.12466 mg/L	Y 371.029
Sb 231.146	0.818427	mg/L	0.021185	2.6	425.313	0.818427 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.079092	28.2	65.9507	uncal mg/L	Y 371.029
Se 196.026	0.977807	mg/L	0.025504	2.6	293.021	0.977807 mg/L	Y 371.029
Se 203.985	1.03534	mg/L	0.014636	1.4	328.081	1.03534 mg/L	Y 371.029
Si 250.690	0.848079	mg/L	0.017574	2.1	1328.92	0.848079 mg/L	Y 371.029
Si 251.611	0.763576	mg/L	0.017023	2.2	1557.23	0.763576 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.008590	1.0	7651.77	uncal mg/L	Y 371.029
Sn 189.927	0.948553	mg/L	0.008456	0.9	287.388	0.948553 mg/L	Y 371.029
Sn 283.998	0.975019	mg/L	0.031804	3.3	11004.7	0.975019 mg/L	Y 371.029
Sr 216.596	0.440206	mg/L	0.000730	0.2	3652.16	0.440206 mg/L	Y 371.029
Sr 407.771	0.468956	mg/L	0.003181	0.7	1190117	0.468956 mg/L	Y 371.029
Sr 421.552	0.471128	mg/L	0.001243	0.3	776981	0.471128 mg/L	Y 371.029
Ti 334.941	9.58710	mg/L	0.052656	0.5	2052169	9.58710 mg/L	Y 371.029
Ti 336.122	9.58652	mg/L	0.046058	0.5	863241	9.58652 mg/L	Y 371.029
Ti 337.280	9.81423	mg/L	0.020798	0.2	300362	9.81423 mg/L	Y 371.029
Tl 190.794	0.396209	mg/L	0.003824	1.0	155.348	0.396209 mg/L	Y 371.029
Tl 190.807	0.434261	mg/L	0.003909	0.9	83.7956	0.434261 mg/L	Y 371.029
Tl 351.923	0.470783	mg/L	0.008623	1.8	782.336	0.470783 mg/L	Y 371.029
V 268.796	9.59626	mg/L	0.010695	0.1	91464.2	9.59626 mg/L	Y 371.029
V 292.401	9.65347	mg/L	0.009617	0.1	288796	9.65347 mg/L	Y 371.029
V 311.837	9.86134	mg/L	0.031639	0.3	403105	9.86134 mg/L	Y 371.029
Zn 202.548	9.43475	mg/L	0.028293	0.3	83828.6	9.43475 mg/L	Y 371.029
Zn 206.200	9.24790	mg/L	0.090913	1.0	27041.5	9.24790 mg/L	Y 371.029
Zn 213.857	9.64878	mg/L	0.121222	1.3	162928	9.64878 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.954418	7653.27	16.968	0.2
Y 371.029	0.812592	134002	297.615	0.2

SEQ-CCV1 (Samp)	**4/27/2011, 12:37:52 PM**	**Rack 1, Tube 8**
	M_200.7_T_WW	**CCV**
Weight: 1	**Volume: 1**	**Dilution: 1**

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.101653	mg/L	0.000215	0.2	5360.49	0.101653 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002283	2.3	269.742	uncal mg/L	Y 371.029
Al 237.312	2.57912	mg/L	0.004856	0.2	3219.61	2.57912 mg/L	Y 371.029
Al 257.509	2.60260	mg/L	0.028459	1.1	1500.13	2.60260 mg/L	Y 371.029
Al 308.215	2.58480	mg/L	0.002205	0.1	16621.9	2.58480 mg/L	Y 371.029
As 188.980	0.508878	mg/L	0.004900	1.0	176.191	0.508878 mg/L	Y 371.029
As 193.696	0.508792	mg/L	0.004284	0.8	210.540	0.508792 mg/L	Y 371.029
As 228.812	0.583302	mg/L	0.015782	2.7	928.051	0.583302 mg/L	Y 371.029
B 182.577	0.510750	mg/L	0.004821	0.9	217.544	0.510750 mg/L	Y 371.029
B 249.678	0.511750	mg/L	0.004988	1.0	4374.01	0.511750 mg/L	Y 371.029
B 249.772	0.502495	mg/L	0.002881	0.6	8251.48	0.502495 mg/L	Y 371.029
Ba 233.527	0.507075	mg/L	0.002878	0.6	19624.5	0.507075 mg/L	Y 371.029
Ba 455.403	0.509187	mg/L	0.000598	0.1	449311	0.509187 mg/L	Y 371.029
Ba 493.408	0.502131	mg/L	0.000384	0.1	271506	0.502131 mg/L	Y 371.029
Be 234.861	0.512772	mg/L	0.003833	0.7	59556.8	0.512772 mg/L	Y 371.029
Be 313.042	0.505589	mg/L	0.000601	0.1	854002	0.505589 mg/L	Y 371.029
Be 313.107	0.508244	mg/L	0.000988	0.2	422911	0.508244 mg/L	Y 371.029
Ca 393.366	5.00572n	mg/L	0.043896	0.9	5893191	5.00572 mg/L	Y 371.029
Ca 396.847	4.84683	mg/L	0.012706	0.3	9624526	4.84683 mg/L	Y 371.029
Ca 430.253	5.13792	mg/L	0.009509	0.2	23057.1	5.13792 mg/L	Y 371.029
Cd 214.439	0.259445	mg/L	0.001614	0.6	4798.28	0.259445 mg/L	Y 371.029
Cd 226.502	0.256638	mg/L	0.000355	0.1	9338.32	0.256638 mg/L	Y 371.029
Cd 228.802	0.258287	mg/L	0.001809	0.7	3558.32	0.258287 mg/L	Y 371.029
Co 228.615	0.517494	mg/L	0.002578	0.5	4425.38	0.517494 mg/L	Y 371.029
Co 230.786	0.519231	mg/L	0.003577	0.7	3127.96	0.519231 mg/L	Y 371.029
Co 238.892	0.511528	mg/L	0.003379	0.7	2886.12	0.511528 mg/L	Y 371.029
Cr 205.560	0.508362	mg/L	0.003378	0.7	2066.86	0.508362 mg/L	Y 371.029
Cr 206.158	0.509491	mg/L	0.001308	0.3	833.190	0.509491 mg/L	Y 371.029
Cr 267.716	0.507908	mg/L	0.003837	0.8	10994.8	0.507908 mg/L	Y 371.029
Cu 213.598	0.513875	mg/L	0.001326	0.3	2011.35	0.513875 mg/L	Y 371.029
Cu 324.754	0.506775	mg/L	0.000784	0.2	16462.1	0.506775 mg/L	Y 371.029
Cu 327.395	0.502562	mg/L	0.000178	0.0	21433.6	0.502562 mg/L	Y 371.029
Fe 234.350	0.558447	mg/L	0.000321	0.1	5084.80	0.558447 mg/L	Y 371.029
Fe 238.204	0.548971	mg/L	0.005390	1.0	10116.8	0.548971 mg/L	Y 371.029
Fe 259.940	0.543502	mg/L	0.003009	0.6	8251.86	0.543502 mg/L	Y 371.029
Ga 287.423	0.513930	mg/L	0.004352	0.8	1169.72	0.513930 mg/L	Y 371.029
Ga 294.363	0.515497	mg/L	0.000984	0.2	3083.24	0.515497 mg/L	Y 371.029
Ga 417.204	0.519757	mg/L	0.001987	0.4	4752.97	0.519757 mg/L	Y 371.029
K 766.491	5.31976	mg/L	0.002755	0.1	366813	5.31976 mg/L	Y 371.029
K 769.897	5.13455	mg/L	0.003627	0.1	303458	5.13455 mg/L	Y 371.029
Li 610.365	1.02278	mg/L	0.000871	0.1	50604.5	1.02278 mg/L	Y 371.029
Li 670.783	1.07749	mg/L	0.002042	0.2	3776916	1.07749 mg/L	Y 371.029
Mg 279.078	5.16889	mg/L	0.006591	0.1	8328.77	5.16889 mg/L	Y 371.029
Mg 280.270	5.23016	mg/L	0.014165	0.3	516950	5.23016 mg/L	Y 371.029
Mg 285.213	5.26683	mg/L	0.038500	0.7	186569	5.26683 mg/L	Y 371.029
Mn 257.610	0.516219	mg/L	0.005046	1.0	75439.1	0.516219 mg/L	Y 371.029
Mn 259.372	0.516171	mg/L	0.005187	1.0	56424.4	0.516171 mg/L	Y 371.029
Mn 260.568	0.514854	mg/L	0.003573	0.7	9526.88	0.514854 mg/L	Y 371.029
Mo 202.032	1.17234	mg/L	0.013886	1.2	4009.91	1.17234 mg/L	Y 371.029
Mo 203.846	1.13574	mg/L	0.018659	1.6	1689.97	1.13574 mg/L	Y 371.029
Mo 204.598	1.16400	mg/L	0.020874	1.8	1977.99	1.16400 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	5.11480	mg/L	0.101627	2.0	1443.97	5.11480 mg/L	Y 371.029
Na 588.995	5.63343	mg/L	0.011882	0.2	3488117	5.63343 mg/L	Y 371.029
Na 589.592	5.30919	mg/L	0.013582	0.3	1697646	5.30919 mg/L	Y 371.029
Ni 216.555	1.03420	mg/L	0.001345	0.1	5224.49	1.03420 mg/L	Y 371.029
Ni 221.648	1.02481	mg/L	0.003316	0.3	2055.33	1.02481 mg/L	Y 371.029
Ni 231.604	1.03617	mg/L	0.003892	0.4	3478.31	1.03617 mg/L	Y 371.029
P 177.434	0.523201	mg/L	0.003632	0.7	80.5691	0.523201 mg/L	Y 371.029
P 213.618	0.513096	mg/L	0.004602	0.9	349.245	0.513096 mg/L	Y 371.029
P 214.914	0.528911	mg/L	0.011999	2.3	98.2075	0.528911 mg/L	Y 371.029
Pb 220.353	1.02849	mg/L	0.001407	0.1	1122.25	1.02849 mg/L	Y 371.029
Pb 261.417	1.00588	mg/L	0.013513	1.3	514.502	1.00588 mg/L	Y 371.029
Pb 405.781	1.00953	mg/L	0.004653	0.5	1334.43	1.00953 mg/L	Y 371.029
Sb 206.834	0.920938	mg/L	0.015475	1.7	523.620	0.920938 mg/L	Y 371.029
Sb 231.146	0.944500	mg/L	0.010429	1.1	396.913	0.944500 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.030364	3.0	318.563	uncal mg/L	Y 371.029
Se 196.026	1.03674	mg/L	0.001256	0.1	306.329	1.03674 mg/L	Y 371.029
Se 203.985	1.04878	mg/L	0.013946	1.3	182.278	1.04878 mg/L	Y 371.029
Si 250.690	1.05198	mg/L	0.003052	0.3	1374.95	1.05198 mg/L	Y 371.029
Si 251.611	1.03334	mg/L	0.006060	0.6	1535.22	1.03334 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.006918	0.7	8373.22	uncal mg/L	Y 371.029
Sn 189.927	1.03503	mg/L	0.002734	0.3	309.972	1.03503 mg/L	Y 371.029
Sn 283.998	1.02458	mg/L	0.007702	0.8	1943.32	1.02458 mg/L	Y 371.029
Sr 216.596	0.514844	mg/L	0.001022	0.2	4037.99	0.514844 mg/L	Y 371.029
Sr 407.771	0.491408	mg/L	0.001133	0.2	1240499	0.491408 mg/L	Y 371.029
Sr 421.552	0.493748	mg/L	0.000840	0.2	809443	0.493748 mg/L	Y 371.029
Ti 334.941	0.521446	mg/L	0.002611	0.5	111580	0.521446 mg/L	Y 371.029
Ti 336.122	0.518660	mg/L	0.004621	0.9	46692.3	0.518660 mg/L	Y 371.029
Ti 337.280	0.515757	mg/L	0.003656	0.7	15759.3	0.515757 mg/L	Y 371.029
Tl 190.794	0.508093	mg/L	0.009230	1.8	178.460	0.508093 mg/L	Y 371.029
Tl 190.807	0.526816	mg/L	0.006905	1.3	92.6422	0.526816 mg/L	Y 371.029
Tl 351.923	0.493764	mg/L	0.009729	2.0	811.325	0.493764 mg/L	Y 371.029
V 268.796	0.514376	mg/L	0.002425	0.5	5537.50	0.514376 mg/L	Y 371.029
V 292.401	0.506297	mg/L	0.003592	0.7	15154.6	0.506297 mg/L	Y 371.029
V 311.837	0.519492	mg/L	0.000458	0.1	21187.6	0.519492 mg/L	Y 371.029
Zn 202.548	0.547269	mg/L	0.001622	0.3	5432.53	0.547269 mg/L	Y 371.029
Zn 206.200	0.531810	mg/L	0.002897	0.5	1740.75	0.531810 mg/L	Y 371.029
Zn 213.857	0.533490	mg/L	0.002594	0.5	10135.0	0.533490 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.999673	8016.16	24.262	0.3
Y 371.029	0.836798	137994	462.388	0.3

SEQ-CCB1 (Samp) **4/27/2011, 12:41:46 PM** **Rack 1, Tube 9**
M_200.7_T_WW **CCB**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000414	mg/L	0.000501	121.1	494.783	0.000414 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001232	41.5	4.27723	uncal mg/L	Y 371.029
Al 237.312	0.015868	mg/L	0.001741	11.0	67.7646	0.015868 mg/L	Y 371.029
Al 257.509	0.016909	mg/L	0.017964	106.2	28.3432	0.016909 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	-0.010567uv	mg/L	0.001984	18.8	1192.15	-0.010567 mg/L	Y 371.029
As 188.980	0.007015	mg/L	0.002435	34.7	7.34995	0.007015 mg/L	Y 371.029
As 193.696	0.005249	mg/L	0.003040	57.9	3.77460	0.005249 mg/L	Y 371.029
As 228.812	0.010013	mg/L	0.004051	40.5	19.8350	0.010013 mg/L	Y 371.029
B 182.577	0.013921	mg/L	0.003639	26.1	9.87347	0.013921 mg/L	Y 371.029
B 249.678	0.016203	mg/L	0.002462	15.2	178.699	0.016203 mg/L	Y 371.029
B 249.772	0.016214	mg/L	0.002848	17.6	329.066	0.016214 mg/L	Y 371.029
Ba 233.527	0.000249	mg/L	0.000045	18.0	184.310	0.000249 mg/L	Y 371.029
Ba 455.403	-0.000019uv	mg/L	0.000017	90.8	3992.81	-0.000019 mg/L	Y 371.029
Ba 493.408	0.000002uv	mg/L	0.000013	752.0	2475.89	0.000002 mg/L	Y 371.029
Be 234.861	0.000044	mg/L	0.000023	53.0	1.34167	0.000044 mg/L	Y 371.029
Be 313.042	0.000001uv	mg/L	0.000005	587.9	327.612	0.000001 mg/L	Y 371.029
Be 313.107	0.000008uv	mg/L	0.000024	302.0	81.9774	0.000008 mg/L	Y 371.029
Ca 393.366	-0.003028nuv	mg/L	0.000037	1.2	14902.7	-0.003028 mg/L	Y 371.029
Ca 396.847	-0.002665uv	mg/L	0.000119	4.5	23895.4	-0.002665 mg/L	Y 371.029
Ca 430.253	-0.044136uv	mg/L	0.003908	8.9	1012.25	-0.044136 mg/L	Y 371.029
Cd 214.439	0.000182	mg/L	0.000060	33.0	3.71483	0.000182 mg/L	Y 371.029
Cd 226.502	-0.000060uv	mg/L	0.000087	145.4	20.1979	-0.000060 mg/L	Y 371.029
Cd 228.802	-0.000043uv	mg/L	0.000286	661.0	16.6779	-0.000043 mg/L	Y 371.029
Co 228.615	0.001638	mg/L	0.000304	18.6	11.6335	0.001638 mg/L	Y 371.029
Co 230.786	0.000212uv	mg/L	0.000411	194.4	7.31116	0.000212 mg/L	Y 371.029
Co 238.892	0.000183uv	mg/L	0.000494	270.0	5.09090	0.000183 mg/L	Y 371.029
Cr 205.560	-0.000210uv	mg/L	0.000173	82.5	4.41775	-0.000210 mg/L	Y 371.029
Cr 206.158	0.000907	mg/L	0.000611	67.4	2.99460	0.000907 mg/L	Y 371.029
Cr 267.716	0.000032uv	mg/L	0.000135	427.5	27.0426	0.000032 mg/L	Y 371.029
Cu 213.598	-0.000036uv	mg/L	0.000173	481.1	1.75651	-0.000036 mg/L	Y 371.029
Cu 324.754	-0.000708uv	mg/L	0.000287	40.6	323.077	-0.000708 mg/L	Y 371.029
Cu 327.395	0.000511	mg/L	0.000387	75.8	40.1235	0.000511 mg/L	Y 371.029
Fe 234.350	0.001174	mg/L	0.000825	70.3	24.4692	0.001174 mg/L	Y 371.029
Fe 238.204	0.001164	mg/L	0.000879	75.5	63.4281	0.001164 mg/L	Y 371.029
Fe 259.940	0.001368	mg/L	0.000946	69.2	75.9777	0.001368 mg/L	Y 371.029
Ga 287.423	0.002648uv	mg/L	0.003358	126.8	22.8976	0.002648 mg/L	Y 371.029
Ga 294.363	0.004378	mg/L	0.001565	35.8	30.4038	0.004378 mg/L	Y 371.029
Ga 417.204	-0.001395uv	mg/L	0.001178	84.5	100.349	-0.001395 mg/L	Y 371.029
K 766.491	-0.000792uv	mg/L	0.000315	39.7	1973.85	-0.000792 mg/L	Y 371.029
K 769.897	0.001207	mg/L	0.000668	55.3	12507.6	0.001207 mg/L	Y 371.029
Li 610.365	0.011208	mg/L	0.000039	0.4	-9.75592	0.011208 mg/L	Y 371.029
Li 670.783	-0.001775uv	mg/L	0.000026	1.5	60923.9	-0.001775 mg/L	Y 371.029
Mg 279.078	-0.000110uv	mg/L	0.002176	1986.7	13.4746	-0.000110 mg/L	Y 371.029
Mg 280.270	-0.000007uv	mg/L	0.000055	765.4	300.161	-0.000007 mg/L	Y 371.029
Mg 285.213	0.000556	mg/L	0.000104	18.8	80.5533	0.000556 mg/L	Y 371.029
Mn 257.610	-0.000133uv	mg/L	0.000012	8.7	-1.85654	-0.000133 mg/L	Y 371.029
Mn 259.372	-0.000046	mg/L	0.000065	143.3	71.0706	-0.000046 mg/L	Y 371.029
Mn 260.568	-0.000119uv	mg/L	0.000086	71.7	5.23561	-0.000119 mg/L	Y 371.029
Mo 202.032	0.047633	mg/L	0.006511	13.7	182.611	0.047633 mg/L	Y 371.029
Mo 203.846	0.049029	mg/L	0.007276	14.8	74.5575	0.049029 mg/L	Y 371.029
Mo 204.598	0.048204	mg/L	0.006346	13.2	84.0990	0.048204 mg/L	Y 371.029
Na 568.821	0.552325	mg/L	0.055890	10.1	242.302	0.552325 mg/L	Y 371.029
Na 588.995	-0.257786uv	mg/L	0.001312	0.5	179835	-0.257786 mg/L	Y 371.029
Na 589.592	-0.095435uv	mg/L	0.000336	0.4	66134.4	-0.095435 mg/L	Y 371.029
Ni 216.555	0.000660	mg/L	0.000388	58.7	3.69902	0.000660 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.001398	mg/L	0.000911	65.1	4.99026	0.001398 mg/L	Y 371.029
Ni 231.604	0.001015	mg/L	0.000548	54.1	8.93639	0.001015 mg/L	Y 371.029
P 177.434	-0.002708uv	mg/L	0.002785	102.9	2.35890	-0.002708 mg/L	Y 371.029
P 213.618	0.001342uv	mg/L	0.003264	243.3	3.59500	0.001342 mg/L	Y 371.029
P 214.914	0.013202	mg/L	0.004804	36.4	5.06846	0.013202 mg/L	Y 371.029
Pb 220.353	-0.000553uv	mg/L	0.001307	236.4	3.98933	-0.000553 mg/L	Y 371.029
Pb 261.417	0.002847uv	mg/L	0.004024	141.4	16.8602	0.002847 mg/L	Y 371.029
Pb 405.781	0.004622uv	mg/L	0.005080	109.9	63.3928	0.004622 mg/L	Y 371.029
Sb 206.834	0.057135	mg/L	0.001617	2.8	41.3457	0.057135 mg/L	Y 371.029
Sb 231.146	0.060627	mg/L	0.005412	8.9	32.0218	0.060627 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.011020	33.0	27.1939	uncal mg/L	Y 371.029
Se 196.026	0.013362	mg/L	0.002966	22.2	7.32080	0.013362 mg/L	Y 371.029
Se 203.985	0.005131uv	mg/L	0.004721	92.0	5.10376	0.005131 mg/L	Y 371.029
Si 250.690	-0.001769uv	mg/L	0.002693	152.3	44.5559	-0.001769 mg/L	Y 371.029
Si 251.611	0.003534	mg/L	0.001387	39.3	43.7533	0.003534 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001984	48.4	733.681	uncal mg/L	Y 371.029
Sn 189.927	-0.000080uv	mg/L	0.001716	2134.6	3.11582	-0.000080 mg/L	Y 371.029
Sn 283.998	-0.000743uv	mg/L	0.002555	343.9	13.1469	-0.000743 mg/L	Y 371.029
Sr 216.596	0.000720	mg/L	0.000330	45.8	18.8475	0.000720 mg/L	Y 371.029
Sr 407.771	-0.000026uv	mg/L	0.000005	18.4	5356.78	-0.000026 mg/L	Y 371.029
Sr 421.552	-0.000034uv	mg/L	0.000006	17.4	3220.29	-0.000034 mg/L	Y 371.029
Ti 334.941	0.002986	mg/L	0.001073	35.9	713.295	0.002986 mg/L	Y 371.029
Ti 336.122	0.003172	mg/L	0.000976	30.8	313.660	0.003172 mg/L	Y 371.029
Ti 337.280	0.003373	mg/L	0.001142	33.9	87.4970	0.003373 mg/L	Y 371.029
Tl 190.794	0.000613uv	mg/L	0.004162	678.7	2.64528	0.000613 mg/L	Y 371.029
Tl 190.807	0.011426	mg/L	0.004915	43.0	1.91266	0.011426 mg/L	Y 371.029
Tl 351.923	-0.010560uv	mg/L	0.004929	46.7	9.04496	-0.010560 mg/L	Y 371.029
V 268.796	0.001619	mg/L	0.001330	82.2	84.9359	0.001619 mg/L	Y 371.029
V 292.401	-0.000135uv	mg/L	0.000041	30.5	40.7991	-0.000135 mg/L	Y 371.029
V 311.837	0.000617	mg/L	0.000160	25.9	14.5741	0.000617 mg/L	Y 371.029
Zn 202.548	0.001846	mg/L	0.000211	11.5	629.687	0.001846 mg/L	Y 371.029
Zn 206.200	0.001810	mg/L	0.000388	21.4	203.662	0.001810 mg/L	Y 371.029
Zn 213.857	0.001130	mg/L	0.000378	33.5	1175.78	0.001130 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.998905	8010.00	35.334	0.4
Y 371.029	0.838968	138352	437.507	0.3

1118042-BLK1 (Samp) **4/27/2011, 12:49:46 PM** **Rack 1, Tube 10**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000832	mg/L	0.000302	36.4	514.836	0.000832 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001818	172.5	-1.20711	uncal mg/L	Y 371.029
Al 237.312	0.018524	mg/L	0.010730	57.9	71.0181	0.018524 mg/L	Y 371.029
Al 257.509	0.020368	mg/L	0.013566	66.6	30.3222	0.020368 mg/L	Y 371.029
Al 308.215	0.000781	mg/L	0.000252	32.3	1258.59	0.000781 mg/L	Y 371.029
As 188.980	0.002359	mg/L	0.001697	71.9	5.77849	0.002359 mg/L	Y 371.029
As 193.696	0.010196	mg/L	0.000546	5.4	5.80831	0.010196 mg/L	Y 371.029
As 228.812	0.003312	mg/L	0.003134	94.6	14.6695	0.003312 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.007616	mg/L	0.001914	25.1	7.24301	0.007616 mg/L	Y 371.029
B 249.678	0.003811	mg/L	0.000549	14.4	74.0672	0.003811 mg/L	Y 371.029
B 249.772	0.005235	mg/L	0.000280	5.3	150.679	0.005235 mg/L	Y 371.029
Ba 233.527	0.000346	mg/L	0.000036	10.5	188.069	0.000346 mg/L	Y 371.029
Ba 455.403	0.000135	mg/L	0.000010	7.2	4127.81	0.000135 mg/L	Y 371.029
Ba 493.408	0.000161	mg/L	0.000035	21.7	2561.82	0.000161 mg/L	Y 371.029
Be 234.861	0.000059	mg/L	0.000033	56.3	2.98330	0.000059 mg/L	Y 371.029
Be 313.042	0.000087	mg/L	0.000002	1.9	472.985	0.000087 mg/L	Y 371.029
Be 313.107	0.000097	mg/L	0.000009	9.6	156.140	0.000097 mg/L	Y 371.029
Ca 393.366	0.028051n	mg/L	0.000058	0.2	51362.0	0.028051 mg/L	Y 371.029
Ca 396.847	0.026591	mg/L	0.000476	1.8	81784.3	0.026591 mg/L	Y 371.029
Ca 430.253	-0.006867uv	mg/L	0.008547	124.5	1170.52	-0.006867 mg/L	Y 371.029
Cd 214.439	0.000381	mg/L	0.000141	37.1	7.40368	0.000381 mg/L	Y 371.029
Cd 226.502	0.000148	mg/L	0.000004	2.7	27.7908	0.000148 mg/L	Y 371.029
Cd 228.802	0.000386	mg/L	0.000342	88.6	22.5488	0.000386 mg/L	Y 371.029
Co 228.615	0.001468	mg/L	0.000169	11.5	10.2555	0.001468 mg/L	Y 371.029
Co 230.786	0.000413uv	mg/L	0.000466	112.8	8.54583	0.000413 mg/L	Y 371.029
Co 238.892	0.000575	mg/L	0.000275	47.8	7.20646	0.000575 mg/L	Y 371.029
Cr 205.560	0.002554	mg/L	0.000678	26.5	15.6078	0.002554 mg/L	Y 371.029
Cr 206.158	0.003811	mg/L	0.000038	1.0	7.73406	0.003811 mg/L	Y 371.029
Cr 267.716	0.002533	mg/L	0.000161	6.4	81.0152	0.002533 mg/L	Y 371.029
Cu 213.598	-0.000036uv	mg/L	0.000282	778.5	1.63500	-0.000036 mg/L	Y 371.029
Cu 324.754	-0.000178uv	mg/L	0.000416	233.0	339.856	-0.000178 mg/L	Y 371.029
Cu 327.395	0.000192uv	mg/L	0.000299	156.0	26.7036	0.000192 mg/L	Y 371.029
Fe 234.350	0.013950	mg/L	0.000272	1.9	134.738	0.013950 mg/L	Y 371.029
Fe 238.204	0.012965	mg/L	0.000681	5.3	273.334	0.012965 mg/L	Y 371.029
Fe 259.940	0.013129	mg/L	0.000763	5.8	248.523	0.013129 mg/L	Y 371.029
Ga 287.423	0.000132uv	mg/L	0.005340	4050.6	17.6145	0.000132 mg/L	Y 371.029
Ga 294.363	0.005754	mg/L	0.001344	23.3	38.6083	0.005754 mg/L	Y 371.029
Ga 417.204	-0.000835uv	mg/L	0.000844	101.2	105.114	-0.000835 mg/L	Y 371.029
K 766.491	0.017237	mg/L	0.000527	3.1	3209.68	0.017237 mg/L	Y 371.029
K 769.897	0.020108	mg/L	0.000509	2.5	13577.8	0.020108 mg/L	Y 371.029
Li 610.365	0.011000	mg/L	0.000278	2.5	-20.1606	0.011000 mg/L	Y 371.029
Li 670.783	-0.001743uv	mg/L	0.000020	1.2	61035.9	-0.001743 mg/L	Y 371.029
Mg 279.078	0.010147	mg/L	0.002529	24.9	29.9927	0.010147 mg/L	Y 371.029
Mg 280.270	0.008833	mg/L	0.000050	0.6	1173.51	0.008833 mg/L	Y 371.029
Mg 285.213	0.008920	mg/L	0.000052	0.6	376.768	0.008920 mg/L	Y 371.029
Mn 257.610	0.000341	mg/L	0.000098	28.7	67.5301	0.000341 mg/L	Y 371.029
Mn 259.372	0.000299	mg/L	0.000031	10.3	102.158	0.000299 mg/L	Y 371.029
Mn 260.568	0.000298	mg/L	0.000091	30.7	13.0259	0.000298 mg/L	Y 371.029
Mo 202.032	0.030203	mg/L	0.005697	18.9	123.545	0.030203 mg/L	Y 371.029
Mo 203.846	0.033825	mg/L	0.005458	16.1	52.0586	0.033825 mg/L	Y 371.029
Mo 204.598	0.030292	mg/L	0.005513	18.2	53.8318	0.030292 mg/L	Y 371.029
Na 568.821	0.561569	mg/L	0.128428	22.9	244.695	0.561569 mg/L	Y 371.029
Na 588.995	-0.254374uv	mg/L	0.000481	0.2	181752	-0.254374 mg/L	Y 371.029
Na 589.592	-0.092081uv	mg/L	0.000136	0.1	67147.6	-0.092081 mg/L	Y 371.029
Ni 216.555	0.001160	mg/L	0.000961	82.8	6.28644	0.001160 mg/L	Y 371.029
Ni 221.648	0.001482	mg/L	0.000867	58.5	5.17878	0.001482 mg/L	Y 371.029
Ni 231.604	0.000054uv	mg/L	0.000738	1370.5	5.75794	0.000054 mg/L	Y 371.029
P 177.434	0.016730	mg/L	0.001816	10.9	5.23976	0.016730 mg/L	Y 371.029
P 213.618	0.025310	mg/L	0.002963	11.7	19.2069	0.025310 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.009049	mg/L	0.010660	117.8	4.34315	0.009049 mg/L	Y 371.029
Pb 220.353	0.002835	mg/L	0.000400	14.1	7.67077	0.002835 mg/L	Y 371.029
Pb 261.417	0.010788uv	mg/L	0.011757	109.0	20.8011	0.010788 mg/L	Y 371.029
Pb 405.781	0.005588uv	mg/L	0.013119	234.8	64.5850	0.005588 mg/L	Y 371.029
Sb 206.834	0.040378	mg/L	0.014673	36.3	32.0581	0.040378 mg/L	Y 371.029
Sb 231.146	0.034732	mg/L	0.018223	52.5	21.4209	0.034732 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.032415	97.8	27.1574	uncal mg/L	Y 371.029
Se 196.026	0.020094	mg/L	0.004144	20.6	9.28546	0.020094 mg/L	Y 371.029
Se 203.985	0.011356	mg/L	0.008017	70.6	6.16638	0.011356 mg/L	Y 371.029
Si 250.690	0.040817	mg/L	0.004760	11.7	98.0091	0.040817 mg/L	Y 371.029
Si 251.611	0.040935	mg/L	0.002999	7.3	96.7276	0.040935 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002009	5.4	1037.73	uncal mg/L	Y 371.029
Sn 189.927	0.021498	mg/L	0.000361	1.7	9.51184	0.021498 mg/L	Y 371.029
Sn 283.998	0.023318	mg/L	0.001294	5.5	49.2492	0.023318 mg/L	Y 371.029
Sr 216.596	0.000426	mg/L	0.000323	75.9	16.5809	0.000426 mg/L	Y 371.029
Sr 407.771	0.000138	mg/L	0.000002	1.6	5770.82	0.000138 mg/L	Y 371.029
Sr 421.552	0.000119	mg/L	0.000011	9.2	3471.34	0.000119 mg/L	Y 371.029
Ti 334.941	0.003359	mg/L	0.000738	22.0	793.491	0.003359 mg/L	Y 371.029
Ti 336.122	0.003436	mg/L	0.000727	21.1	337.569	0.003436 mg/L	Y 371.029
Ti 337.280	0.003334	mg/L	0.000985	29.5	86.3641	0.003334 mg/L	Y 371.029
Tl 190.794	0.002446	mg/L	0.001509	61.7	3.27938	0.002446 mg/L	Y 371.029
Tl 190.807	0.016873	mg/L	0.005778	34.2	2.82964	0.016873 mg/L	Y 371.029
Tl 351.923	-0.007187uv	mg/L	0.002068	28.8	14.4036	-0.007187 mg/L	Y 371.029
V 268.796	0.000520	mg/L	0.000874	168.0	59.5523	0.000520 mg/L	Y 371.029
V 292.401	-0.000029uv	mg/L	0.000202	699.2	44.0793	-0.000029 mg/L	Y 371.029
V 311.837	0.000558	mg/L	0.000159	28.5	12.3223	0.000558 mg/L	Y 371.029
Zn 202.548	0.004865	mg/L	0.000336	6.9	655.900	0.004865 mg/L	Y 371.029
Zn 206.200	0.004943	mg/L	0.000698	14.1	212.692	0.004943 mg/L	Y 371.029
Zn 213.857	0.003652	mg/L	0.000101	2.8	1217.57	0.003652 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.972849	7801.06	25.395	0.3
Y 371.029	0.820310	135275	289.923	0.2

1118042-BS1 (Samp) **4/27/2011, 12:52:45 PM** **Rack 1, Tube 11**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.228658	mg/L	0.001172	0.5	11480.7	1.14329 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000288	0.1	638.889	uncal mg/L	Y 371.029
Al 237.312	41.2934	mg/L	0.224551	0.5	50750.5	206.467 mg/L	Y 371.029
Al 257.509	42.3388	mg/L	0.246817	0.6	24135.4	211.694 mg/L	Y 371.029
Al 308.215	41.2698	mg/L	0.284250	0.7	245712	206.349 mg/L	Y 371.029
As 188.980	0.555244	mg/L	0.005925	1.1	192.365	2.77622 mg/L	Y 371.029
As 193.696	0.537140	mg/L	0.005252	1.0	223.502	2.68570 mg/L	Y 371.029
As 228.812	0.745811	mg/L	0.013350	1.8	1171.53	3.72906 mg/L	Y 371.029
B 182.577	0.486712	mg/L	0.011792	2.4	208.773	2.43356 mg/L	Y 371.029
B 249.678	0.483899	mg/L	0.010739	2.2	4179.30	2.41950 mg/L	Y 371.029
B 249.772	0.468241	mg/L	0.011649	2.5	8476.26	2.34121 mg/L	Y 371.029
Ba 233.527	1.17861	mg/L	0.007137	0.6	45420.8	5.89304 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	1.15208	mg/L	0.005665	0.5	1012080	5.76040 mg/L	Y 371.029
Ba 493.408	1.14078	mg/L	0.006793	0.6	614183	5.70390 mg/L	Y 371.029
Be 234.861	0.523830	mg/L	0.004204	0.8	60544.6	2.61915 mg/L	Y 371.029
Be 313.042	0.536441	mg/L	0.006716	1.3	906094	2.68220 mg/L	Y 371.029
Be 313.107	0.539426	mg/L	0.006328	1.2	448852	2.69713 mg/L	Y 371.029
Ca 393.366	18.7867n	mg/L	0.168128	0.9	22062706	93.9335 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.393427	2.0	39108792	- mg/L	Y 371.029
Ca 430.253	22.9710	mg/L	0.123012	0.5	98951.8	114.855 mg/L	Y 371.029
Cd 214.439	0.323719	mg/L	0.002580	0.8	5993.84	1.61860 mg/L	Y 371.029
Cd 226.502	0.321000	mg/L	0.002589	0.8	11803.2	1.60500 mg/L	Y 371.029
Cd 228.802	0.324759	mg/L	0.002007	0.6	4465.05	1.62379 mg/L	Y 371.029
Co 228.615	0.325175	mg/L	0.003999	1.2	2988.87	1.62587 mg/L	Y 371.029
Co 230.786	0.323586	mg/L	0.002420	0.7	2110.28	1.61793 mg/L	Y 371.029
Co 238.892	0.247752	mg/L	0.003628	1.5	1056.07	1.23876 mg/L	Y 371.029
Cr 205.560	0.632997	mg/L	0.007797	1.2	2656.28	3.16498 mg/L	Y 371.029
Cr 206.158	0.634085	mg/L	0.007166	1.1	1071.48	3.17042 mg/L	Y 371.029
Cr 267.716	0.633330	mg/L	0.006767	1.1	14149.0	3.16665 mg/L	Y 371.029
Cu 213.598	0.707010	mg/L	0.005832	0.8	2872.43	3.53505 mg/L	Y 371.029
Cu 324.754	0.709207	mg/L	0.004667	0.7	23169.1	3.54604 mg/L	Y 371.029
Cu 327.395	0.701230	mg/L	0.003941	0.6	30494.9	3.50615 mg/L	Y 371.029
Fe 234.350	55.5503	mg/L	0.517199	0.9	479845	277.751 mg/L	Y 371.029
Fe 238.204	52.7180	mg/L	0.791329	1.5	938534	263.590 mg/L	Y 371.029
Fe 259.940	52.7474	mg/L	0.492368	0.9	774727	263.737 mg/L	Y 371.029
Ga 287.423	-0.125161	mg/L	0.001420	1.1	733.347	-0.625806 mg/L	Y 371.029
Ga 294.363	0.008359	mg/L	0.001498	17.9	117.682	0.041793 mg/L	Y 371.029
Ga 417.204	-0.002046	mg/L	0.002011	98.3	953.712	-0.010229 mg/L	Y 371.029
K 766.491	11.8310	mg/L	0.052065	0.4	813433	59.1548 mg/L	Y 371.029
K 769.897	11.6835	mg/L	0.048468	0.4	674711	58.4174 mg/L	Y 371.029
Li 610.365	0.022310	mg/L	0.000200	0.9	545.767	0.111552 mg/L	Y 371.029
Li 670.783	0.034467	mg/L	0.000314	0.9	191380	0.172334 mg/L	Y 371.029
Mg 279.078	12.3614	mg/L	0.080062	0.6	19925.8	61.8069 mg/L	Y 371.029
Mg 280.270	12.0022	mg/L	0.090588	0.8	1186025	60.0109 mg/L	Y 371.029
Mg 285.213	12.9749	mg/L	0.161138	1.2	459536	64.8745 mg/L	Y 371.029
Mn 257.610	1.12644	mg/L	0.008981	0.8	177466	5.63221 mg/L	Y 371.029
Mn 259.372	1.18250	mg/L	0.008861	0.7	138916	5.91250 mg/L	Y 371.029
Mn 260.568	1.21611	mg/L	0.005572	0.5	22830.6	6.08053 mg/L	Y 371.029
Mo 202.032	0.621316	mg/L	0.011431	1.8	2175.67	3.10658 mg/L	Y 371.029
Mo 203.846	0.600792	mg/L	0.012479	2.1	918.988	3.00396 mg/L	Y 371.029
Mo 204.598	0.619938	mg/L	0.005780	0.9	1080.96	3.09969 mg/L	Y 371.029
Na 568.821	2.09539	mg/L	0.083098	4.0	689.981	10.4769 mg/L	Y 371.029
Na 588.995	1.96018	mg/L	0.011071	0.6	1435872	9.80089 mg/L	Y 371.029
Na 589.592	1.89636	mg/L	0.009666	0.5	674843	9.48178 mg/L	Y 371.029
Ni 216.555	0.573847	mg/L	0.007539	1.3	3154.24	2.86923 mg/L	Y 371.029
Ni 221.648	0.562273	mg/L	0.005490	1.0	1225.58	2.81137 mg/L	Y 371.029
Ni 231.604	0.579419	mg/L	0.009604	1.7	2106.38	2.89710 mg/L	Y 371.029
P 177.434	2.08977	mg/L	0.024885	1.2	314.149	10.4488 mg/L	Y 371.029
P 213.618	2.10000	mg/L	0.028920	1.4	1394.60	10.5000 mg/L	Y 371.029
P 214.914	2.09117	mg/L	0.038509	1.8	370.942	10.4558 mg/L	Y 371.029
Pb 220.353	0.473854	mg/L	0.006809	1.4	519.759	2.36927 mg/L	Y 371.029
Pb 261.417	0.169355	mg/L	0.012883	7.6	94.1539	0.846775 mg/L	Y 371.029
Pb 405.781	0.409556	mg/L	0.006836	1.7	601.891	2.04778 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	0.404891	mg/L	0.000931	0.2	245.523	2.02446 mg/L	Y 371.029
Sb 231.146	0.384145	mg/L	0.016005	4.2	191.439	1.92072 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.067948	27.2	19.3662	uncal mg/L	Y 371.029
Se 196.026	0.178456	mg/L	0.011588	6.5	54.8010	0.892280 mg/L	Y 371.029
Se 203.985	0.185911	mg/L	0.008682	4.7	43.4831	0.929556 mg/L	Y 371.029
Si 250.690	5.37569	mg/L	0.017390	0.3	6841.84	26.8785 mg/L	Y 371.029
Si 251.611	5.30857	mg/L	0.018990	0.4	7670.59	26.5429 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.089319	1.7	39703.1	uncal mg/L	Y 371.029
Sn 189.927	0.645655	mg/L	0.005584	0.9	195.431	3.22828 mg/L	Y 371.029
Sn 283.998	0.595048	mg/L	0.008120	1.4	1502.58	2.97524 mg/L	Y 371.029
Sr 216.596	0.843754	mg/L	0.005794	0.7	6702.41	4.21877 mg/L	Y 371.029
Sr 407.771	0.813503	mg/L	0.010783	1.3	2050989	4.06751 mg/L	Y 371.029
Sr 421.552	0.817337	mg/L	0.009359	1.1	1338517	4.08669 mg/L	Y 371.029
Ti 334.941	1.32672	mg/L	0.010061	0.8	284969	6.63358 mg/L	Y 371.029
Ti 336.122	1.32415	mg/L	0.008635	0.7	119626	6.62076 mg/L	Y 371.029
Ti 337.280	1.32914	mg/L	0.012801	1.0	40781.6	6.64571 mg/L	Y 371.029
Tl 190.794	0.579276	mg/L	0.002365	0.4	203.794	2.89638 mg/L	Y 371.029
Tl 190.807	0.597997	mg/L	0.003895	0.7	103.651	2.98998 mg/L	Y 371.029
Tl 351.923	0.568739	mg/L	0.006652	1.2	928.243	2.84369 mg/L	Y 371.029
V 268.796	0.552038	mg/L	0.005987	1.1	5399.80	2.76019 mg/L	Y 371.029
V 292.401	0.550014	mg/L	0.006405	1.2	16916.4	2.75007 mg/L	Y 371.029
V 311.837	0.563690	mg/L	0.002886	0.5	23500.2	2.81845 mg/L	Y 371.029
Zn 202.548	0.801785	mg/L	0.007888	1.0	7731.11	4.00893 mg/L	Y 371.029
Zn 206.200	0.786854	mg/L	0.007618	1.0	2498.87	3.93427 mg/L	Y 371.029
Zn 213.857	0.786421	mg/L	0.012009	1.5	14486.9	3.93210 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01609	8147.78	37.376	0.5
Y 371.029	0.858068	141501	927.795	0.7

11D0945-01 (Samp) **4/27/2011, 12:56:58 PM** **Rack 1, Tube 12**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000326uv	mg/L	0.000442	135.5	460.526	-0.003261 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002182	100.9	2.02294	uncal mg/L	Y 371.029
Al 237.312	0.012322	mg/L	0.001640	13.3	64.2878	0.123220 mg/L	Y 371.029
Al 257.509	0.022575	mg/L	0.009842	43.6	31.7961	0.225751 mg/L	Y 371.029
Al 308.215	0.000840uv	mg/L	0.001324	157.6	1254.51	0.008398 mg/L	Y 371.029
As 188.980	0.007168	mg/L	0.001453	20.3	7.34258	0.071675 mg/L	Y 371.029
As 193.696	0.011283	mg/L	0.002405	21.3	6.22847	0.112835 mg/L	Y 371.029
As 228.812	-0.000411	mg/L	0.001175	286.1	11.4363	-0.004108 mg/L	Y 371.029
B 182.577	0.069904	mg/L	0.004530	6.5	33.2853	0.699043 mg/L	Y 371.029
B 249.678	0.043517	mg/L	0.002281	5.2	410.282	0.435170 mg/L	Y 371.029
B 249.772	0.043774	mg/L	0.001562	3.6	781.402	0.437739 mg/L	Y 371.029
Ba 233.527	0.006290	mg/L	0.000078	1.2	418.427	0.062898 mg/L	Y 371.029
Ba 455.403	0.006139	mg/L	0.000013	0.2	9428.25	0.061394 mg/L	Y 371.029
Ba 493.408	0.006206	mg/L	0.000029	0.5	5833.61	0.062058 mg/L	Y 371.029
Be 234.861	0.000068	mg/L	0.000004	5.5	2.97211	0.000681 mg/L	Y 371.029
Be 313.042	-0.000000uv	mg/L	0.000004	1926.9	328.346	-0.000002 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000011	mg/L	0.000006	55.7	85.7832	0.000110 mg/L	Y 371.029
Ca 393.366	0.893950n	mg/L	0.001042	0.1	1068015	8.93950 mg/L	Y 371.029
Ca 396.847	0.860129	mg/L	0.001042	0.1	1732463	8.60129 mg/L	Y 371.029
Ca 430.253	0.866011	mg/L	0.010576	1.2	4886.10	8.66011 mg/L	Y 371.029
Cd 214.439	0.000609	mg/L	0.000188	30.9	11.6445	0.006090 mg/L	Y 371.029
Cd 226.502	0.000186	mg/L	0.000112	60.6	30.1216	0.001857 mg/L	Y 371.029
Cd 228.802	0.000536	mg/L	0.000312	58.2	24.5922	0.005359 mg/L	Y 371.029
Co 228.615	0.001526	mg/L	0.000484	31.7	11.5588	0.015263 mg/L	Y 371.029
Co 230.786	-0.000387uv	mg/L	0.000182	47.1	4.52865	-0.003874 mg/L	Y 371.029
Co 238.892	0.000834	mg/L	0.000162	19.5	7.39145	0.008342 mg/L	Y 371.029
Cr 205.560	-0.000244uv	mg/L	0.000459	187.7	4.51948	-0.002444 mg/L	Y 371.029
Cr 206.158	0.000783	mg/L	0.000659	84.2	2.98258	0.007829 mg/L	Y 371.029
Cr 267.716	0.000479	mg/L	0.000153	31.9	38.0802	0.004794 mg/L	Y 371.029
Cu 213.598	0.031498	mg/L	0.003682	11.7	124.787	0.314975 mg/L	Y 371.029
Cu 324.754	0.014961	mg/L	0.000201	1.3	820.748	0.149610 mg/L	Y 371.029
Cu 327.395	0.015265	mg/L	0.000662	4.3	674.038	0.152655 mg/L	Y 371.029
Fe 234.350	0.257712	mg/L	0.000440	0.2	2250.88	2.57712 mg/L	Y 371.029
Fe 238.204	0.255228	mg/L	0.001941	0.8	4609.65	2.55228 mg/L	Y 371.029
Fe 259.940	0.252797	mg/L	0.001578	0.6	3771.08	2.52797 mg/L	Y 371.029
Ga 287.423	-0.001074uv	mg/L	0.006221	579.2	19.2873	-0.010740 mg/L	Y 371.029
Ga 294.363	0.003276	mg/L	0.000962	29.4	23.9331	0.032759 mg/L	Y 371.029
Ga 417.204	-0.001591uv	mg/L	0.000231	14.5	98.3893	-0.015908 mg/L	Y 371.029
K 766.491	52.6376	mg/L	0.048670	0.1	3609562	526.376 mg/L	Y 371.029
K 769.897	57.4325	mg/L	0.039114	0.1	3266434	574.325 mg/L	Y 371.029
Li 610.365	0.011259	mg/L	0.000210	1.9	-7.17848	0.112593 mg/L	Y 371.029
Li 670.783	-0.002171uv	mg/L	0.000029	1.3	60024.6	-0.021713 mg/L	Y 371.029
Mg 279.078	2.97758	mg/L	0.002516	0.1	4804.75	29.7758 mg/L	Y 371.029
Mg 280.270	3.00002	mg/L	0.026285	0.9	296582	30.0002 mg/L	Y 371.029
Mg 285.213	2.95378	mg/L	0.028738	1.0	104645	29.5378 mg/L	Y 371.029
Mn 257.610	0.041504	mg/L	0.000061	0.1	6009.42	0.415035 mg/L	Y 371.029
Mn 259.372	0.040916	mg/L	0.000254	0.6	4529.64	0.409164 mg/L	Y 371.029
Mn 260.568	0.040524	mg/L	0.000235	0.6	770.250	0.405236 mg/L	Y 371.029
Mo 202.032	0.018407	mg/L	0.004066	22.1	83.2667	0.184066 mg/L	Y 371.029
Mo 203.846	0.021350	mg/L	0.005272	24.7	33.4329	0.213502 mg/L	Y 371.029
Mo 204.598	0.019941	mg/L	0.004717	23.7	36.2653	0.199411 mg/L	Y 371.029
Na 568.821	0.733347	mg/L	0.015912	2.2	291.172	7.33347 mg/L	Y 371.029
Na 588.995	0.117075	mg/L	0.004550	3.9	390416	1.17075 mg/L	Y 371.029
Na 589.592	0.251695	mg/L	0.000279	0.1	171035	2.51695 mg/L	Y 371.029
Ni 216.555	0.002248	mg/L	0.000482	21.4	13.0450	0.022481 mg/L	Y 371.029
Ni 221.648	0.002113	mg/L	0.000600	28.4	6.93360	0.021125 mg/L	Y 371.029
Ni 231.604	0.002508	mg/L	0.000297	11.9	15.3018	0.025083 mg/L	Y 371.029
P 177.434	21.9789	mg/L	0.024503	0.1	3259.31	219.789 mg/L	Y 371.029
P 213.618	22.1683	mg/L	0.441552	2.0	14449.4	221.683 mg/L	Y 371.029
P 214.914	22.4911	mg/L	0.070612	0.3	3820.39	224.911 mg/L	Y 371.029
Pb 220.353	0.000605uv	mg/L	0.002671	441.3	5.32231	0.006052 mg/L	Y 371.029
Pb 261.417	0.002294uv	mg/L	0.002355	102.6	16.4340	0.022938 mg/L	Y 371.029
Pb 405.781	0.003399uv	mg/L	0.006299	185.3	63.1151	0.033993 mg/L	Y 371.029
Sb 206.834	-0.003889uv	mg/L	0.003551	91.3	7.61993	-0.038895 mg/L	Y 371.029
Sb 231.146	-0.007906uv	mg/L	0.004176	52.8	4.11283	-0.079062 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.003713	8.5	4.77243	uncal mg/L	Y 371.029
Se 196.026	0.005822	mg/L	0.003702	63.6	5.12816	0.058216 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.001368uv	mg/L	0.009540	697.4	4.44171	0.013680 mg/L	Y 371.029
Si 250.690	0.018846	mg/L	0.001693	9.0	70.7843	0.188463 mg/L	Y 371.029
Si 251.611	0.020244	mg/L	0.001797	8.9	68.8918	0.202441 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001320	9.3	873.738	uncal mg/L	Y 371.029
Sn 189.927	-0.000268uv	mg/L	0.000357	133.2	3.07360	-0.002682 mg/L	Y 371.029
Sn 283.998	-0.003702uv	mg/L	0.000670	18.1	9.68211	-0.037024 mg/L	Y 371.029
Sr 216.596	0.004190	mg/L	0.000219	5.2	46.5968	0.041902 mg/L	Y 371.029
Sr 407.771	0.003767	mg/L	0.000006	0.2	14945.6	0.037675 mg/L	Y 371.029
Sr 421.552	0.003777	mg/L	0.000012	0.3	9480.62	0.037771 mg/L	Y 371.029
Ti 334.941	0.001981	mg/L	0.000553	27.9	507.225	0.019815 mg/L	Y 371.029
Ti 336.122	0.001917	mg/L	0.000508	26.5	203.794	0.019166 mg/L	Y 371.029
Ti 337.280	0.002180	mg/L	0.000832	38.2	52.5942	0.021804 mg/L	Y 371.029
Tl 190.794	-0.004442uv	mg/L	0.002880	64.8	0.948240	-0.044424 mg/L	Y 371.029
Tl 190.807	0.013110	mg/L	0.004916	37.5	2.11104	0.131096 mg/L	Y 371.029
Tl 351.923	-0.009588uv	mg/L	0.002292	23.9	10.5603	-0.095882 mg/L	Y 371.029
V 268.796	0.001094	mg/L	0.000457	41.8	51.5133	0.010939 mg/L	Y 371.029
V 292.401	-0.000161uv	mg/L	0.000198	122.8	41.8875	-0.001614 mg/L	Y 371.029
V 311.837	0.000397	mg/L	0.000116	29.2	6.68444	0.003973 mg/L	Y 371.029
Zn 202.548	0.095924	mg/L	0.001533	1.6	1452.60	0.959243 mg/L	Y 371.029
Zn 206.200	0.095480	mg/L	0.000313	0.3	475.497	0.954798 mg/L	Y 371.029
Zn 213.857	0.095530	mg/L	0.000423	0.4	2747.12	0.955295 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01792	8162.52	3.145	0.0
Y 371.029	0.856862	141302	116.016	0.1

1118042-DUP1 (Samp) **4/27/2011, 1:00:44 PM** **Rack 1, Tube 13**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000099uv	mg/L	0.000615	624.3	471.362	-0.000985 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001428	75.7	1.24478	uncal mg/L	Y 371.029
Al 237.312	0.010703	mg/L	0.006281	58.7	62.1865	0.107033 mg/L	Y 371.029
Al 257.509	0.018088	mg/L	0.011589	64.1	29.2368	0.180881 mg/L	Y 371.029
Al 308.215	-0.000011uv	mg/L	0.000406	3683.8	1249.47	-0.000110 mg/L	Y 371.029
As 188.980	0.007875	mg/L	0.002684	34.1	7.58668	0.078747 mg/L	Y 371.029
As 193.696	0.005399	mg/L	0.004204	77.9	3.81242	0.053994 mg/L	Y 371.029
As 228.812	0.001556uv	mg/L	0.007156	460.0	13.1636	0.015557 mg/L	Y 371.029
B 182.577	0.058071	mg/L	0.001949	3.4	28.3399	0.580705 mg/L	Y 371.029
B 249.678	0.032576	mg/L	0.001095	3.4	317.764	0.325763 mg/L	Y 371.029
B 249.772	0.033417	mg/L	0.000452	1.4	612.064	0.334166 mg/L	Y 371.029
Ba 233.527	0.005537	mg/L	0.000053	1.0	389.188	0.055367 mg/L	Y 371.029
Ba 455.403	0.005264	mg/L	0.000042	0.8	8655.04	0.052636 mg/L	Y 371.029
Ba 493.408	0.005297	mg/L	0.000013	0.3	5342.10	0.052975 mg/L	Y 371.029
Be 234.861	0.000073	mg/L	0.000014	18.6	3.81695	0.000729 mg/L	Y 371.029
Be 313.042	0.000011	mg/L	0.000008	70.6	348.005	0.000113 mg/L	Y 371.029
Be 313.107	0.000015	mg/L	0.000012	74.9	89.3146	0.000154 mg/L	Y 371.029
Ca 393.366	0.770929n	mg/L	0.005061	0.7	923580	7.70929 mg/L	Y 371.029
Ca 396.847	0.741124	mg/L	0.004976	0.7	1496795	7.41124 mg/L	Y 371.029
Ca 430.253	0.761937	mg/L	0.009547	1.3	4443.11	7.61937 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.000365	mg/L	0.000070	19.2	7.12872	0.003651 mg/L	Y 371.029
Cd 226.502	0.000140	mg/L	0.000048	34.1	28.2908	0.001403 mg/L	Y 371.029
Cd 228.802	0.000524	mg/L	0.000093	17.8	24.4352	0.005244 mg/L	Y 371.029
Co 228.615	0.001712	mg/L	0.000722	42.2	12.9297	0.017118 mg/L	Y 371.029
Co 230.786	-0.000572uv	mg/L	0.000226	39.5	3.20255	-0.005725 mg/L	Y 371.029
Co 238.892	0.000336uv	mg/L	0.000588	174.9	4.92546	0.003364 mg/L	Y 371.029
Cr 205.560	-0.000216uv	mg/L	0.000349	161.9	4.58095	-0.002159 mg/L	Y 371.029
Cr 206.158	0.000749	mg/L	0.000577	77.0	2.89931	0.007489 mg/L	Y 371.029
Cr 267.716	0.000317	mg/L	0.000027	8.6	34.3104	0.003172 mg/L	Y 371.029
Cu 213.598	0.031024	mg/L	0.004676	15.1	122.703	0.310240 mg/L	Y 371.029
Cu 324.754	0.017582	mg/L	0.000313	1.8	904.290	0.175821 mg/L	Y 371.029
Cu 327.395	0.018706	mg/L	0.000807	4.3	819.641	0.187063 mg/L	Y 371.029
Fe 234.350	0.198595	mg/L	0.001836	0.9	1739.28	1.98595 mg/L	Y 371.029
Fe 238.204	0.195605	mg/L	0.003044	1.6	3546.20	1.95605 mg/L	Y 371.029
Fe 259.940	0.193940	mg/L	0.003374	1.7	2907.36	1.93940 mg/L	Y 371.029
Ga 287.423	-0.000183uv	mg/L	0.003442	1885.7	20.2209	-0.001825 mg/L	Y 371.029
Ga 294.363	0.004372	mg/L	0.000455	10.4	30.4182	0.043721 mg/L	Y 371.029
Ga 417.204	-0.002646uv	mg/L	0.001769	66.8	88.9444	-0.026459 mg/L	Y 371.029
K 766.491	46.1359	mg/L	0.334763	0.7	3163968	461.359 mg/L	Y 371.029
K 769.897	49.7343	mg/L	0.349102	0.7	2830272	497.343 mg/L	Y 371.029
Li 610.365	0.011116	mg/L	0.000109	1.0	-14.3650	0.111157 mg/L	Y 371.029
Li 670.783	-0.002169uv	mg/L	0.000064	3.0	59968.8	-0.021691 mg/L	Y 371.029
Mg 279.078	2.54610	mg/L	0.015334	0.6	4110.49	25.4610 mg/L	Y 371.029
Mg 280.270	2.58433	mg/L	0.035391	1.4	255528	25.8433 mg/L	Y 371.029
Mg 285.213	2.52392	mg/L	0.025831	1.0	89425.0	25.2392 mg/L	Y 371.029
Mn 257.610	0.035610	mg/L	0.000483	1.4	5157.63	0.356103 mg/L	Y 371.029
Mn 259.372	0.035230	mg/L	0.000306	0.9	3899.35	0.352304 mg/L	Y 371.029
Mn 260.568	0.034822	mg/L	0.000266	0.8	662.832	0.348222 mg/L	Y 371.029
Mo 202.032	0.009129	mg/L	0.001994	21.8	52.1320	0.091289 mg/L	Y 371.029
Mo 203.846	0.011850	mg/L	0.001123	9.5	19.5136	0.118504 mg/L	Y 371.029
Mo 204.598	0.009750	mg/L	0.002986	30.6	19.1883	0.097502 mg/L	Y 371.029
Na 568.821	0.856867	mg/L	0.095038	11.1	322.868	8.56867 mg/L	Y 371.029
Na 588.995	0.068111	mg/L	0.004858	7.1	362902	0.681111 mg/L	Y 371.029
Na 589.592	0.202395	mg/L	0.002447	1.2	156135	2.02395 mg/L	Y 371.029
Ni 216.555	0.003004	mg/L	0.000270	9.0	16.5767	0.030042 mg/L	Y 371.029
Ni 221.648	0.001739	mg/L	0.000474	27.2	6.07505	0.017391 mg/L	Y 371.029
Ni 231.604	0.002251	mg/L	0.000856	38.0	14.1818	0.022514 mg/L	Y 371.029
P 177.434	18.7359	mg/L	0.150198	0.8	2778.80	187.359 mg/L	Y 371.029
P 213.618	19.1143	mg/L	0.871709	4.6	12459.1	191.143 mg/L	Y 371.029
P 214.914	19.3225	mg/L	0.214245	1.1	3282.54	193.225 mg/L	Y 371.029
Pb 220.353	0.003134	mg/L	0.000262	8.4	8.05888	0.031338 mg/L	Y 371.029
Pb 261.417	0.006303	mg/L	0.004254	67.5	18.4642	0.063030 mg/L	Y 371.029
Pb 405.781	0.008822	mg/L	0.008313	94.2	69.7239	0.088224 mg/L	Y 371.029
Sb 206.834	-0.001426uv	mg/L	0.002748	192.7	8.97255	-0.014263 mg/L	Y 371.029
Sb 231.146	-0.007734uv	mg/L	0.003488	45.1	4.14605	-0.077343 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.006497	16.4	5.91581	uncal mg/L	Y 371.029
Se 196.026	0.005574	mg/L	0.003552	63.7	5.05405	0.055742 mg/L	Y 371.029
Se 203.985	0.003195	mg/L	0.002992	93.6	4.74768	0.031951 mg/L	Y 371.029
Si 250.690	0.016198	mg/L	0.002501	15.4	67.4130	0.161976 mg/L	Y 371.029
Si 251.611	0.017486	mg/L	0.000702	4.0	64.5934	0.174859 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001259	12.2	844.237	uncal mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.002840	mg/L	0.003332	117.3	3.99358	0.028399 mg/L	Y 371.029
Sn 283.998	0.001177uv	mg/L	0.002775	235.8	16.2639	0.011766 mg/L	Y 371.029
Sr 216.596	0.003762	mg/L	0.000140	3.7	43.1248	0.037617 mg/L	Y 371.029
Sr 407.771	0.003253	mg/L	0.000026	0.8	13644.1	0.032526 mg/L	Y 371.029
Sr 421.552	0.003263	mg/L	0.000022	0.7	8635.44	0.032627 mg/L	Y 371.029
Ti 334.941	0.001128	mg/L	0.000436	38.7	323.676	0.011283 mg/L	Y 371.029
Ti 336.122	0.001127	mg/L	0.000414	36.8	132.327	0.011266 mg/L	Y 371.029
Ti 337.280	0.001202	mg/L	0.000306	25.5	22.4729	0.012023 mg/L	Y 371.029
Tl 190.794	0.001974	mg/L	0.001082	54.8	3.15453	0.019741 mg/L	Y 371.029
Tl 190.807	0.015557	mg/L	0.004686	30.1	2.52587	0.155574 mg/L	Y 371.029
Tl 351.923	-0.006524uv	mg/L	0.003319	50.9	15.4238	-0.065243 mg/L	Y 371.029
V 268.796	0.001021	mg/L	0.000716	70.2	40.8442	0.010208 mg/L	Y 371.029
V 292.401	-0.000320uv	mg/L	0.000251	78.4	36.7855	-0.003203 mg/L	Y 371.029
V 311.837	0.000471	mg/L	0.000131	27.7	9.40229	0.004710 mg/L	Y 371.029
Zn 202.548	0.085551	mg/L	0.000902	1.1	1362.09	0.855511 mg/L	Y 371.029
Zn 206.200	0.084133	mg/L	0.001074	1.3	442.556	0.841328 mg/L	Y 371.029
Zn 213.857	0.084653	mg/L	0.000693	0.8	2566.02	0.846533 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00989	8098.09	74.176	0.9
Y 371.029	0.853094	140681	1188.963	0.8

1118042-MS1 (Samp) **4/27/2011, 1:04:31 PM** **Rack 1, Tube 14**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.047850	mg/L	0.000265	0.6	2774.17	0.478499 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002059	4.9	115.451	uncal mg/L	Y 371.029
Al 237.312	0.487691	mg/L	0.002027	0.4	648.402	4.87691 mg/L	Y 371.029
Al 257.509	0.486055	mg/L	0.009123	1.9	295.645	4.86055 mg/L	Y 371.029
Al 308.215	0.480791	mg/L	0.002850	0.6	4103.55	4.80791 mg/L	Y 371.029
As 188.980	0.101168	mg/L	0.002922	2.9	38.9930	1.01168 mg/L	Y 371.029
As 193.696	0.102793	mg/L	0.005218	5.1	43.8378	1.02793 mg/L	Y 371.029
As 228.812	0.192301	mg/L	0.002357	1.2	328.798	1.92301 mg/L	Y 371.029
B 182.577	0.149963	mg/L	0.003581	2.4	66.7608	1.49963 mg/L	Y 371.029
B 249.678	0.129194	mg/L	0.002059	1.6	1136.04	1.29194 mg/L	Y 371.029
B 249.772	0.129077	mg/L	0.001104	0.9	2176.25	1.29077 mg/L	Y 371.029
Ba 233.527	0.103088	mg/L	0.000375	0.4	4130.99	1.03088 mg/L	Y 371.029
Ba 455.403	0.101276	mg/L	0.000118	0.1	92623.8	1.01276 mg/L	Y 371.029
Ba 493.408	0.102930	mg/L	0.000075	0.1	57653.4	1.02930 mg/L	Y 371.029
Be 234.861	0.094404	mg/L	0.000389	0.4	10958.3	0.944045 mg/L	Y 371.029
Be 313.042	0.096634	mg/L	0.000211	0.2	163493	0.966342 mg/L	Y 371.029
Be 313.107	0.096991	mg/L	0.000070	0.1	80767.7	0.969914 mg/L	Y 371.029
Ca 393.366	1.76985n	mg/L	0.005224	0.3	2095881	17.6985 mg/L	Y 371.029
Ca 396.847	1.71426	mg/L	0.003810	0.2	3423235	17.1426 mg/L	Y 371.029
Ca 430.253	1.67733	mg/L	0.013698	0.8	8338.39	16.7733 mg/L	Y 371.029
Cd 214.439	0.094527	mg/L	0.000480	0.5	1748.44	0.945273 mg/L	Y 371.029
Cd 226.502	0.094802	mg/L	0.000197	0.2	3464.50	0.948020 mg/L	Y 371.029
Cd 228.802	0.094729	mg/L	0.000737	0.8	1315.72	0.947286 mg/L	Y 371.029
Co 228.615	0.097101	mg/L	0.000295	0.3	829.951	0.971014 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.097358	mg/L	0.000278	0.3	592.306	0.973585 mg/L	Y 371.029
Co 238.892	0.092324	mg/L	0.000765	0.8	520.122	0.923242 mg/L	Y 371.029
Cr 205.560	0.092881	mg/L	0.000681	0.7	382.381	0.928812 mg/L	Y 371.029
Cr 206.158	0.094547	mg/L	0.000775	0.8	156.135	0.945473 mg/L	Y 371.029
Cr 267.716	0.095764	mg/L	0.000097	0.1	2096.80	0.957641 mg/L	Y 371.029
Cu 213.598	0.120494	mg/L	0.001249	1.0	472.519	1.20494 mg/L	Y 371.029
Cu 324.754	0.105313	mg/L	0.000344	0.3	3696.29	1.05313 mg/L	Y 371.029
Cu 327.395	0.105785	mg/L	0.000219	0.2	4534.68	1.05785 mg/L	Y 371.029
Fe 234.350	0.714975	mg/L	0.001387	0.2	6223.91	7.14975 mg/L	Y 371.029
Fe 238.204	0.710311	mg/L	0.004517	0.6	12740.9	7.10311 mg/L	Y 371.029
Fe 259.940	0.697808	mg/L	0.008127	1.2	10327.9	6.97808 mg/L	Y 371.029
Ga 287.423	0.091256	mg/L	0.003341	3.7	232.544	0.912564 mg/L	Y 371.029
Ga 294.363	0.093302	mg/L	0.000497	0.5	561.865	0.933016 mg/L	Y 371.029
Ga 417.204	0.089361	mg/L	0.001126	1.3	908.934	0.893612 mg/L	Y 371.029
K 766.491	48.0613	mg/L	0.135394	0.3	3295927	480.613 mg/L	Y 371.029
K 769.897	51.9733	mg/L	0.094995	0.2	2957128	519.733 mg/L	Y 371.029
Li 610.365	0.073068	mg/L	0.000376	0.5	3085.44	0.730683 mg/L	Y 371.029
Li 670.783	0.100721	mg/L	0.000128	0.1	414404	1.00721 mg/L	Y 371.029
Mg 279.078	3.60226	mg/L	0.002668	0.1	5809.89	36.0226 mg/L	Y 371.029
Mg 280.270	3.64210	mg/L	0.048289	1.3	359994	36.4210 mg/L	Y 371.029
Mg 285.213	3.57445	mg/L	0.045806	1.3	126621	35.7445 mg/L	Y 371.029
Mn 257.610	0.131253	mg/L	0.001296	1.0	19135.4	1.31253 mg/L	Y 371.029
Mn 259.372	0.130480	mg/L	0.001347	1.0	14311.0	1.30480 mg/L	Y 371.029
Mn 260.568	0.132485	mg/L	0.000562	0.4	2469.50	1.32485 mg/L	Y 371.029
Mo 202.032	0.111057	mg/L	0.002522	2.3	399.508	1.11057 mg/L	Y 371.029
Mo 203.846	0.109942	mg/L	0.001736	1.6	165.608	1.09942 mg/L	Y 371.029
Mo 204.598	0.110784	mg/L	0.002173	2.0	191.010	1.10784 mg/L	Y 371.029
Na 568.821	1.55448	mg/L	0.127116	8.2	506.544	15.5448 mg/L	Y 371.029
Na 588.995	1.13560	mg/L	0.004317	0.4	962289	11.3560 mg/L	Y 371.029
Na 589.592	1.16516	mg/L	0.003703	0.3	446755	11.6516 mg/L	Y 371.029
Ni 216.555	0.096443	mg/L	0.000550	0.6	490.832	0.964429 mg/L	Y 371.029
Ni 221.648	0.095782	mg/L	0.000342	0.4	195.315	0.957822 mg/L	Y 371.029
Ni 231.604	0.098223	mg/L	0.000483	0.5	337.302	0.982231 mg/L	Y 371.029
P 177.434	19.3976	mg/L	0.041431	0.2	2876.84	193.976 mg/L	Y 371.029
P 213.618	19.5913	mg/L	0.192672	1.0	12772.9	195.913 mg/L	Y 371.029
P 214.914	19.9051	mg/L	0.048493	0.2	3382.64	199.051 mg/L	Y 371.029
Pb 220.353	0.095345	mg/L	0.002053	2.2	108.284	0.953448 mg/L	Y 371.029
Pb 261.417	0.054371	mg/L	0.010675	19.6	42.1677	0.543713 mg/L	Y 371.029
Pb 405.781	0.091247	mg/L	0.007009	7.7	174.631	0.912471 mg/L	Y 371.029
Sb 206.834	0.108051	mg/L	0.001055	1.0	70.2529	1.08051 mg/L	Y 371.029
Sb 231.146	0.116140	mg/L	0.010533	9.1	55.3846	1.16140 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.029549	48.3	36.2431	uncal mg/L	Y 371.029
Se 196.026	0.099570	mg/L	0.006116	6.1	32.5417	0.995696 mg/L	Y 371.029
Se 203.985	0.091189	mg/L	0.003745	4.1	20.5439	0.911889 mg/L	Y 371.029
Si 250.690	0.103308	mg/L	0.003274	3.2	178.374	1.03308 mg/L	Y 371.029
Si 251.611	0.106365	mg/L	0.000995	0.9	194.682	1.06365 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001523	1.5	1528.72	uncal mg/L	Y 371.029
Sn 189.927	0.085663	mg/L	0.001778	2.1	28.5615	0.856628 mg/L	Y 371.029
Sn 283.998	0.086517	mg/L	0.004797	5.5	228.946	0.865173 mg/L	Y 371.029
Sr 216.596	0.102455	mg/L	0.000667	0.7	815.429	1.02455 mg/L	Y 371.029
Sr 407.771	0.101589	mg/L	0.000271	0.3	260793	1.01589 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.101776	mg/L	0.000324	0.3	169481	1.01776 mg/L	Y 371.029
Ti 334.941	0.087401	mg/L	0.000763	0.9	18779.4	0.874009 mg/L	Y 371.029
Ti 336.122	0.087225	mg/L	0.000705	0.8	7880.62	0.872246 mg/L	Y 371.029
Ti 337.280	0.086571	mg/L	0.000623	0.7	2634.17	0.865706 mg/L	Y 371.029
Tl 190.794	0.091312	mg/L	0.007033	7.7	34.1246	0.913121 mg/L	Y 371.029
Tl 190.807	0.095591	mg/L	0.010048	10.5	16.4768	0.955906 mg/L	Y 371.029
Tl 351.923	0.086127	mg/L	0.003608	4.2	162.748	0.861273 mg/L	Y 371.029
V 268.796	0.095949	mg/L	0.000376	0.4	940.185	0.959494 mg/L	Y 371.029
V 292.401	0.095964	mg/L	0.000558	0.6	2912.15	0.959645 mg/L	Y 371.029
V 311.837	0.094524	mg/L	0.000266	0.3	3849.59	0.945238 mg/L	Y 371.029
Zn 202.548	0.179634	mg/L	0.000820	0.5	2190.65	1.79634 mg/L	Y 371.029
Zn 206.200	0.176420	mg/L	0.000018	0.0	710.173	1.76420 mg/L	Y 371.029
Zn 213.857	0.177884	mg/L	0.001165	0.7	4127.72	1.77884 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01080	8105.39	81.965	1.0
Y 371.029	0.854143	140854	1301.548	0.9

1118042-MSD1 (Samp) **4/27/2011, 1:08:18 PM** **Rack 1, Tube 15**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.047148	mg/L	0.000122	0.3	2740.55	0.471480 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002257	5.9	103.731	uncal mg/L	Y 371.029
Al 237.312	0.480921	mg/L	0.002463	0.5	640.021	4.80921 mg/L	Y 371.029
Al 257.509	0.480342	mg/L	0.012944	2.7	292.397	4.80342 mg/L	Y 371.029
Al 308.215	0.473692	mg/L	0.001258	0.3	4061.54	4.73692 mg/L	Y 371.029
As 188.980	0.097403	mg/L	0.003507	3.6	37.7228	0.974034 mg/L	Y 371.029
As 193.696	0.100914	mg/L	0.000731	0.7	43.0651	1.00914 mg/L	Y 371.029
As 228.812	0.163944	mg/L	0.003807	2.3	301.725	1.63944 mg/L	Y 371.029
B 182.577	0.147123	mg/L	0.000745	0.5	65.5718	1.47123 mg/L	Y 371.029
B 249.678	0.125668	mg/L	0.001224	1.0	1106.19	1.25668 mg/L	Y 371.029
B 249.772	0.125058	mg/L	0.000779	0.6	2110.50	1.25058 mg/L	Y 371.029
Ba 233.527	0.101196	mg/L	0.000553	0.5	4058.27	1.01196 mg/L	Y 371.029
Ba 455.403	0.099559	mg/L	0.000151	0.2	91117.9	0.995585 mg/L	Y 371.029
Ba 493.408	0.101189	mg/L	0.000116	0.1	56717.9	1.01189 mg/L	Y 371.029
Be 234.861	0.093261	mg/L	0.000181	0.2	10825.7	0.932615 mg/L	Y 371.029
Be 313.042	0.095427	mg/L	0.000394	0.4	161454	0.954271 mg/L	Y 371.029
Be 313.107	0.095706	mg/L	0.000486	0.5	79697.9	0.957055 mg/L	Y 371.029
Ca 393.366	1.70092n	mg/L	0.003252	0.2	2014958	17.0092 mg/L	Y 371.029
Ca 396.847	1.64601	mg/L	0.002550	0.2	3288083	16.4601 mg/L	Y 371.029
Ca 430.253	1.61818	mg/L	0.007632	0.5	8086.79	16.1818 mg/L	Y 371.029
Cd 214.439	0.093106	mg/L	0.000614	0.7	1722.15	0.931058 mg/L	Y 371.029
Cd 226.502	0.093687	mg/L	0.000370	0.4	3423.96	0.936870 mg/L	Y 371.029
Cd 228.802	0.093250	mg/L	0.000233	0.2	1295.45	0.932498 mg/L	Y 371.029
Co 228.615	0.095836	mg/L	0.000667	0.7	819.011	0.958362 mg/L	Y 371.029
Co 230.786	0.097038	mg/L	0.000773	0.8	590.303	0.970382 mg/L	Y 371.029
Co 238.892	0.091653	mg/L	0.000258	0.3	516.479	0.916529 mg/L	Y 371.029
Cr 205.560	0.092148	mg/L	0.000481	0.5	379.384	0.921482 mg/L	Y 371.029
Cr 206.158	0.093233	mg/L	0.000941	1.0	153.979	0.932333 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.094397	mg/L	0.000164	0.2	2067.17	0.943967 mg/L	Y 371.029
Cu 213.598	0.121006	mg/L	0.003018	2.5	474.442	1.21006 mg/L	Y 371.029
Cu 324.754	0.107001	mg/L	0.000170	0.2	3750.18	1.07001 mg/L	Y 371.029
Cu 327.395	0.107897	mg/L	0.000299	0.3	4624.20	1.07897 mg/L	Y 371.029
Fe 234.350	0.689777	mg/L	0.001575	0.2	6005.20	6.89777 mg/L	Y 371.029
Fe 238.204	0.682068	mg/L	0.007435	1.1	12236.4	6.82068 mg/L	Y 371.029
Fe 259.940	0.681203	mg/L	0.008006	1.2	10083.4	6.81203 mg/L	Y 371.029
Ga 287.423	0.089505	mg/L	0.005591	6.2	228.239	0.895054 mg/L	Y 371.029
Ga 294.363	0.092968	mg/L	0.000537	0.6	559.853	0.929680 mg/L	Y 371.029
Ga 417.204	0.087546	mg/L	0.000496	0.6	892.601	0.875465 mg/L	Y 371.029
K 766.491	44.6642	mg/L	0.031343	0.1	3063106	446.642 mg/L	Y 371.029
K 769.897	47.9536	mg/L	0.051846	0.1	2729376	479.536 mg/L	Y 371.029
Li 610.365	0.072982	mg/L	0.000807	1.1	3081.12	0.729821 mg/L	Y 371.029
Li 670.783	0.099788	mg/L	0.000067	0.1	411156	0.997876 mg/L	Y 371.029
Mg 279.078	3.35722	mg/L	0.001074	0.0	5415.62	33.5722 mg/L	Y 371.029
Mg 280.270	3.42146	mg/L	0.017147	0.5	338203	34.2146 mg/L	Y 371.029
Mg 285.213	3.34635	mg/L	0.056782	1.7	118545	33.4635 mg/L	Y 371.029
Mn 257.610	0.128908	mg/L	0.000716	0.6	18794.2	1.28908 mg/L	Y 371.029
Mn 259.372	0.128612	mg/L	0.001140	0.9	14103.1	1.28612 mg/L	Y 371.029
Mn 260.568	0.127823	mg/L	0.000576	0.5	2382.26	1.27823 mg/L	Y 371.029
Mo 202.032	0.108925	mg/L	0.001607	1.5	392.579	1.08925 mg/L	Y 371.029
Mo 203.846	0.109540	mg/L	0.001004	0.9	165.150	1.09540 mg/L	Y 371.029
Mo 204.598	0.109419	mg/L	0.001932	1.8	188.853	1.09419 mg/L	Y 371.029
Na 568.821	1.70036	mg/L	0.109868	6.5	544.189	17.0036 mg/L	Y 371.029
Na 588.995	1.10701	mg/L	0.002568	0.2	946223	11.0701 mg/L	Y 371.029
Na 589.592	1.12537	mg/L	0.000995	0.1	434739	11.2537 mg/L	Y 371.029
Ni 216.555	0.096217	mg/L	0.000679	0.7	489.562	0.962166 mg/L	Y 371.029
Ni 221.648	0.094265	mg/L	0.000612	0.6	192.228	0.942647 mg/L	Y 371.029
Ni 231.604	0.096539	mg/L	0.000261	0.3	331.536	0.965390 mg/L	Y 371.029
P 177.434	17.6986	mg/L	0.063038	0.4	2625.10	176.986 mg/L	Y 371.029
P 213.618	18.1326	mg/L	0.162688	0.9	11822.2	181.326 mg/L	Y 371.029
P 214.914	18.1208	mg/L	0.024138	0.1	3079.77	181.208 mg/L	Y 371.029
Pb 220.353	0.093138	mg/L	0.002263	2.4	105.881	0.931376 mg/L	Y 371.029
Pb 261.417	0.054459	mg/L	0.004899	9.0	42.2466	0.544595 mg/L	Y 371.029
Pb 405.781	0.098651	mg/L	0.005740	5.8	183.836	0.986506 mg/L	Y 371.029
Sb 206.834	0.106769	mg/L	0.005820	5.5	69.5339	1.06769 mg/L	Y 371.029
Sb 231.146	0.118000	mg/L	0.009302	7.9	56.1215	1.18000 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.012405	13.7	44.9321	uncal mg/L	Y 371.029
Se 196.026	0.099053	mg/L	0.004230	4.3	32.3890	0.990526 mg/L	Y 371.029
Se 203.985	0.100857	mg/L	0.004946	4.9	22.0900	1.00857 mg/L	Y 371.029
Si 250.690	0.100247	mg/L	0.001443	1.4	174.491	1.00247 mg/L	Y 371.029
Si 251.611	0.103958	mg/L	0.000996	1.0	191.120	1.03958 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001277	1.2	1526.97	uncal mg/L	Y 371.029
Sn 189.927	0.088050	mg/L	0.000926	1.1	29.2688	0.880503 mg/L	Y 371.029
Sn 283.998	0.088523	mg/L	0.004479	5.1	230.348	0.885230 mg/L	Y 371.029
Sr 216.596	0.101556	mg/L	0.000251	0.2	808.340	1.01556 mg/L	Y 371.029
Sr 407.771	0.100405	mg/L	0.000163	0.2	257813	1.00405 mg/L	Y 371.029
Sr 421.552	0.100432	mg/L	0.000088	0.1	167283	1.00432 mg/L	Y 371.029
Ti 334.941	0.085742	mg/L	0.000906	1.1	18424.1	0.857417 mg/L	Y 371.029
Ti 336.122	0.085619	mg/L	0.001269	1.5	7735.99	0.856186 mg/L	Y 371.029
Ti 337.280	0.084573	mg/L	0.000395	0.5	2573.02	0.845734 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.082973	mg/L	0.004378	5.3	31.2442	0.829730 mg/L	Y 371.029
Tl 190.807	0.096460	mg/L	0.004730	4.9	16.6318	0.964600 mg/L	Y 371.029
Tl 351.923	0.084802	mg/L	0.002341	2.8	160.629	0.848016 mg/L	Y 371.029
V 268.796	0.095126	mg/L	0.000299	0.3	933.022	0.951264 mg/L	Y 371.029
V 292.401	0.094537	mg/L	0.000381	0.4	2869.39	0.945372 mg/L	Y 371.029
V 311.837	0.093612	mg/L	0.000226	0.2	3812.28	0.936124 mg/L	Y 371.029
Zn 202.548	0.173434	mg/L	0.001041	0.6	2136.69	1.73434 mg/L	Y 371.029
Zn 206.200	0.169885	mg/L	0.000540	0.3	691.227	1.69885 mg/L	Y 371.029
Zn 213.857	0.172914	mg/L	0.000955	0.6	4044.82	1.72914 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00082	8025.35	12.242	0.2
Y 371.029	0.846341	139568	242.388	0.2

1118042-PS1 (Samp) **4/27/2011, 1:12:06 PM** **Rack 1, Tube 16**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.525995	mg/L	0.000148	0.0	25738.8	5.25995 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002044	0.4	1478.02	uncal mg/L	Y 371.029
Al 237.312	4.94034	mg/L	0.016829	0.3	6120.65	49.4034 mg/L	Y 371.029
Al 257.509	4.95302	mg/L	0.018116	0.4	2838.68	49.5302 mg/L	Y 371.029
Al 308.215	4.99036	mg/L	0.006977	0.1	30873.4	49.9036 mg/L	Y 371.029
As 188.980	1.01392	mg/L	0.004978	0.5	346.266	10.1392 mg/L	Y 371.029
As 193.696	1.01428	mg/L	0.002914	0.3	418.408	10.1428 mg/L	Y 371.029
As 228.812	1.74069	mg/L	0.042906	2.5	3053.90	17.4069 mg/L	Y 371.029
B 182.577	1.09371	mg/L	0.013912	1.3	461.294	10.9371 mg/L	Y 371.029
B 249.678	1.06201	mg/L	0.011541	1.1	9036.04	10.6201 mg/L	Y 371.029
B 249.772	1.05923	mg/L	0.013166	1.2	17381.2	10.5923 mg/L	Y 371.029
Ba 233.527	1.01022	mg/L	0.004240	0.4	38926.3	10.1022 mg/L	Y 371.029
Ba 455.403	0.979442	mg/L	0.002555	0.3	860632	9.79442 mg/L	Y 371.029
Ba 493.408	1.00955	mg/L	0.001777	0.2	543413	10.0955 mg/L	Y 371.029
Be 234.861	0.995106	mg/L	0.003862	0.4	115556	9.95106 mg/L	Y 371.029
Be 313.042	0.999989	mg/L	0.000546	0.1	1688784	9.99989 mg/L	Y 371.029
Be 313.107	1.00705	mg/L	0.000845	0.1	837894	10.0705 mg/L	Y 371.029
Ca 393.366	9.61043n	mg/L	0.036688	0.4	11298456	96.1043 mg/L	Y 371.029
Ca 396.847	9.78391	mg/L	0.031030	0.3	19399170	97.8391 mg/L	Y 371.029
Ca 430.253	10.3814	mg/L	0.022126	0.2	45376.9	103.814 mg/L	Y 371.029
Cd 214.439	0.965823	mg/L	0.003281	0.3	17861.4	9.65823 mg/L	Y 371.029
Cd 226.502	0.981064	mg/L	0.001686	0.2	35635.7	9.81064 mg/L	Y 371.029
Cd 228.802	0.962327	mg/L	0.004588	0.5	13208.3	9.62327 mg/L	Y 371.029
Co 228.615	0.993886	mg/L	0.003767	0.4	8511.41	9.93886 mg/L	Y 371.029
Co 230.786	0.994575	mg/L	0.003507	0.4	5988.42	9.94575 mg/L	Y 371.029
Co 238.892	0.950166	mg/L	0.004790	0.5	5325.48	9.50167 mg/L	Y 371.029
Cr 205.560	0.976537	mg/L	0.002313	0.2	3968.16	9.76537 mg/L	Y 371.029
Cr 206.158	0.999260	mg/L	0.009155	0.9	1633.99	9.99260 mg/L	Y 371.029
Cr 267.716	0.986173	mg/L	0.001942	0.2	21337.3	9.86173 mg/L	Y 371.029
Cu 213.598	0.983779	mg/L	0.006273	0.6	3847.16	9.83779 mg/L	Y 371.029
Cu 324.754	1.00093	mg/L	0.001164	0.1	32199.6	10.0093 mg/L	Y 371.029
Cu 327.395	1.00201	mg/L	0.004432	0.4	42762.7	10.0201 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	5.43241	mg/L	0.010151	0.2	47202.0	54.3241 mg/L	Y 371.029
Fe 238.204	5.33278	mg/L	0.037059	0.7	95339.8	53.3278 mg/L	Y 371.029
Fe 259.940	5.38335	mg/L	0.021145	0.4	79337.6	53.8335 mg/L	Y 371.029
Ga 287.423	0.970216	mg/L	0.005894	0.6	2269.37	9.70216 mg/L	Y 371.029
Ga 294.363	0.973862	mg/L	0.002315	0.2	5823.38	9.73862 mg/L	Y 371.029
Ga 417.204	0.975654	mg/L	0.001650	0.2	8855.49	9.75654 mg/L	Y 371.029
K 766.491	60.7307	mg/L	0.192016	0.3	4164225	607.307 mg/L	Y 371.029
K 769.897	66.9332	mg/L	0.209867	0.3	3804722	669.332 mg/L	Y 371.029
Li 610.365	0.964035	mg/L	0.001400	0.1	47665.0	9.64035 mg/L	Y 371.029
Li 670.783	1.02526	mg/L	0.002828	0.3	3599371	10.2526 mg/L	Y 371.029
Mg 279.078	12.8907	mg/L	0.020382	0.2	20755.3	128.907 mg/L	Y 371.029
Mg 280.270	12.5579	mg/L	0.041399	0.3	1240752	125.579 mg/L	Y 371.029
Mg 285.213	13.4264	mg/L	0.047302	0.4	475497	134.264 mg/L	Y 371.029
Mn 257.610	1.02037	mg/L	0.004147	0.4	149082	10.2037 mg/L	Y 371.029
Mn 259.372	1.01930	mg/L	0.003684	0.4	111455	10.1930 mg/L	Y 371.029
Mn 260.568	1.03555	mg/L	0.007669	0.7	19173.0	10.3555 mg/L	Y 371.029
Mo 202.032	1.07360	mg/L	0.002021	0.2	3682.79	10.7360 mg/L	Y 371.029
Mo 203.846	1.03862	mg/L	0.008205	0.8	1550.02	10.3862 mg/L	Y 371.029
Mo 204.598	1.07471	mg/L	0.003578	0.3	1831.62	10.7471 mg/L	Y 371.029
Na 568.821	9.61164	mg/L	0.068786	0.7	2621.81	96.1164 mg/L	Y 371.029
Na 588.995	10.3440	mg/L	0.037939	0.4	6133271	103.440 mg/L	Y 371.029
Na 589.592	10.6172	mg/L	0.008871	0.1	3299808	106.172 mg/L	Y 371.029
Ni 216.555	0.986973	mg/L	0.001928	0.2	5009.78	9.86973 mg/L	Y 371.029
Ni 221.648	0.980811	mg/L	0.004852	0.5	1976.00	9.80811 mg/L	Y 371.029
Ni 231.604	0.997312	mg/L	0.007017	0.7	3363.94	9.97311 mg/L	Y 371.029
P 177.434	23.2860	mg/L	0.100863	0.4	3453.61	232.860 mg/L	Y 371.029
P 213.618	23.3612	mg/L	0.066028	0.3	15249.8	233.612 mg/L	Y 371.029
P 214.914	23.7166	mg/L	0.051960	0.2	4038.11	237.166 mg/L	Y 371.029
Pb 220.353	0.982807	mg/L	0.001772	0.2	1072.89	9.82807 mg/L	Y 371.029
Pb 261.417	0.733373	mg/L	0.029176	4.0	377.972	7.33373 mg/L	Y 371.029
Pb 405.781	0.970209	mg/L	0.003298	0.3	1291.26	9.70209 mg/L	Y 371.029
Sb 206.834	0.874778	mg/L	0.027973	3.2	500.859	8.74778 mg/L	Y 371.029
Sb 231.146	0.935318	mg/L	0.040180	4.3	395.705	9.35318 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.070135	9.7	236.561	uncal mg/L	Y 371.029
Se 196.026	0.999091	mg/L	0.016208	1.6	295.575	9.99091 mg/L	Y 371.029
Se 203.985	0.986926	mg/L	0.026979	2.7	180.528	9.86926 mg/L	Y 371.029
Si 250.690	1.01861	mg/L	0.006897	0.7	1342.85	10.1861 mg/L	Y 371.029
Si 251.611	0.991117	mg/L	0.005482	0.6	1487.72	9.91117 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.005029	0.5	8052.85	uncal mg/L	Y 371.029
Sn 189.927	0.997415	mg/L	0.011566	1.2	298.985	9.97415 mg/L	Y 371.029
Sn 283.998	0.959369	mg/L	0.002451	0.3	2348.59	9.59369 mg/L	Y 371.029
Sr 216.596	1.02570	mg/L	0.004631	0.5	8039.90	10.2570 mg/L	Y 371.029
Sr 407.771	1.00522	mg/L	0.004038	0.4	2531878	10.0522 mg/L	Y 371.029
Sr 421.552	1.01366	mg/L	0.002490	0.2	1658334	10.1366 mg/L	Y 371.029
Ti 334.941	0.992711	mg/L	0.004250	0.4	212412	9.92710 mg/L	Y 371.029
Ti 336.122	0.989575	mg/L	0.003780	0.4	89073.7	9.89575 mg/L	Y 371.029
Ti 337.280	1.00171	mg/L	0.002338	0.2	30625.7	10.0171 mg/L	Y 371.029
Tl 190.794	0.996494	mg/L	0.005949	0.6	347.805	9.96494 mg/L	Y 371.029
Tl 190.807	1.01351	mg/L	0.010710	1.1	176.329	10.1351 mg/L	Y 371.029
Tl 351.923	0.986582	mg/L	0.005987	0.6	1594.83	9.86582 mg/L	Y 371.029
V 268.796	0.972332	mg/L	0.000507	0.1	9269.59	9.72332 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.992733	mg/L	0.003465	0.3	29695.9	9.92733 mg/L	Y 371.029
V 311.837	1.00071	mg/L	0.003724	0.4	40847.3	10.0071 mg/L	Y 371.029
Zn 202.548	1.06428	mg/L	0.007758	0.7	9983.97	10.6428 mg/L	Y 371.029
Zn 206.200	1.05766	mg/L	0.009059	0.9	3265.49	10.5766 mg/L	Y 371.029
Zn 213.857	1.06349	mg/L	0.004493	0.4	18961.5	10.6349 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.996638	7991.83	18.589	0.2
Y 371.029	0.845950	139503	309.305	0.2

11D1133-01 (Samp) **4/27/2011, 1:16:19 PM** **Rack 1, Tube 17**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 100**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000218	mg/L	0.000147	67.3	489.136	0.021799 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001169	153.2	-1.97825	uncal mg/L	Y 371.029
Al 237.312	0.014368	mg/L	0.002499	17.4	66.1887	1.43685 mg/L	Y 371.029
Al 257.509	0.023312	mg/L	0.014355	61.6	31.8978	2.33118 mg/L	Y 371.029
Al 308.215	-0.009328uv	mg/L	0.001792	19.2	1194.80	-0.932847 mg/L	Y 371.029
As 188.980	0.003983uv	mg/L	0.004739	119.0	6.32763	0.398293 mg/L	Y 371.029
As 193.696	0.011366	mg/L	0.001195	10.5	6.27871	1.13657 mg/L	Y 371.029
As 228.812	0.009927	mg/L	0.005464	55.0	20.5485	0.992727 mg/L	Y 371.029
B 182.577	0.012905	mg/L	0.002441	18.9	9.50922	1.29047 mg/L	Y 371.029
B 249.678	0.014289	mg/L	0.004078	28.5	163.684	1.42890 mg/L	Y 371.029
B 249.772	0.015332	mg/L	0.003604	23.5	316.237	1.53322 mg/L	Y 371.029
Ba 233.527	0.000084	mg/L	0.000048	57.2	179.961	0.008421 mg/L	Y 371.029
Ba 455.403	-0.000162uv	mg/L	0.000034	21.0	3908.11	-0.016224 mg/L	Y 371.029
Ba 493.408	-0.000056uv	mg/L	0.000036	63.7	2469.12	-0.005605 mg/L	Y 371.029
Be 234.861	0.000051	mg/L	0.000016	30.8	2.06245	0.005068 mg/L	Y 371.029
Be 313.042	0.000006uv	mg/L	0.000007	106.6	337.342	0.000624 mg/L	Y 371.029
Be 313.107	0.000014	mg/L	0.000007	47.6	87.5840	0.001434 mg/L	Y 371.029
Ca 393.366	2.98732n	mg/L	0.004130	0.1	3521956	298.732 mg/L	Y 371.029
Ca 396.847	2.82864	mg/L	0.074324	2.6	5625340	282.864 mg/L	Y 371.029
Ca 430.253	2.87756	mg/L	0.002454	0.1	13402.6	287.756 mg/L	Y 371.029
Cd 214.439	0.000253	mg/L	0.000079	31.3	5.03034	0.025326 mg/L	Y 371.029
Cd 226.502	0.000057uv	mg/L	0.000080	139.4	24.6554	0.005711 mg/L	Y 371.029
Cd 228.802	0.000480	mg/L	0.000218	45.5	23.8216	0.048021 mg/L	Y 371.029
Co 228.615	0.001033	mg/L	0.000389	37.6	6.42283	0.103303 mg/L	Y 371.029
Co 230.786	0.000033uv	mg/L	0.000498	1491.1	6.25291	0.003339 mg/L	Y 371.029
Co 238.892	0.000173uv	mg/L	0.000477	275.2	5.01910	0.017344 mg/L	Y 371.029
Cr 205.560	0.000199	mg/L	0.000234	117.1	6.17315	0.019938 mg/L	Y 371.029
Cr 206.158	0.000245	mg/L	0.000268	109.7	1.90912	0.024462 mg/L	Y 371.029
Cr 267.716	-0.000118uv	mg/L	0.000066	55.7	24.2405	-0.011779 mg/L	Y 371.029
Cu 213.598	0.000143uv	mg/L	0.000286	200.6	2.17199	0.014265 mg/L	Y 371.029
Cu 324.754	-0.000553uv	mg/L	0.000217	39.2	325.586	-0.055348 mg/L	Y 371.029
Cu 327.395	0.000322uv	mg/L	0.000350	108.7	32.8327	0.032243 mg/L	Y 371.029
Fe 234.350	0.003845	mg/L	0.000303	7.9	49.7856	0.384459 mg/L	Y 371.029
Fe 238.204	0.003055	mg/L	0.000332	10.9	102.722	0.305473 mg/L	Y 371.029
Fe 259.940	0.003447	mg/L	0.000760	22.0	110.571	0.344694 mg/L	Y 371.029
Ga 287.423	0.001674uv	mg/L	0.003843	229.5	20.8473	0.167432 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.004915	mg/L	0.001487	30.3	33.1555	0.491483 mg/L	Y 371.029
Ga 417.204	-0.002109uv	mg/L	0.001465	69.5	93.0071	-0.210881 mg/L	Y 371.029
K 766.491	0.003320	mg/L	0.000156	4.7	2276.60	0.332011 mg/L	Y 371.029
K 769.897	0.001384	mg/L	0.000978	70.6	12533.0	0.138379 mg/L	Y 371.029
Li 610.365	0.011371	mg/L	0.000190	1.7	-1.60255	1.13708 mg/L	Y 371.029
Li 670.783	-0.001972uv	mg/L	0.000022	1.1	60285.3	-0.197250 mg/L	Y 371.029
Mg 279.078	0.014429	mg/L	0.001845	12.8	36.8375	1.44287 mg/L	Y 371.029
Mg 280.270	0.015841	mg/L	0.000036	0.2	1876.48	1.58410 mg/L	Y 371.029
Mg 285.213	0.015942	mg/L	0.000059	0.4	626.502	1.59424 mg/L	Y 371.029
Mn 257.610	0.000187	mg/L	0.000033	17.6	44.6904	0.018684 mg/L	Y 371.029
Mn 259.372	0.000238	mg/L	0.000050	20.9	85.7889	0.023799 mg/L	Y 371.029
Mn 260.568	0.000335	mg/L	0.000051	15.4	13.8578	0.033480 mg/L	Y 371.029
Mo 202.032	0.012694	mg/L	0.002404	18.9	64.9370	1.26936 mg/L	Y 371.029
Mo 203.846	0.015225	mg/L	0.002118	13.9	24.8445	1.52251 mg/L	Y 371.029
Mo 204.598	0.013308	mg/L	0.002728	20.5	25.4462	1.33079 mg/L	Y 371.029
Na 568.821	0.497374	mg/L	0.071700	14.4	231.612	49.7374 mg/L	Y 371.029
Na 588.995	-0.218309uv	mg/L	0.001104	0.5	202384	-21.8309 mg/L	Y 371.029
Na 589.592	-0.060052uv	mg/L	0.000333	0.6	76982.2	-6.00524 mg/L	Y 371.029
Ni 216.555	0.000866	mg/L	0.000256	29.6	4.82198	0.086559 mg/L	Y 371.029
Ni 221.648	0.000770uv	mg/L	0.001055	137.0	3.74907	0.077020 mg/L	Y 371.029
Ni 231.604	0.000356uv	mg/L	0.000364	102.3	6.83187	0.035581 mg/L	Y 371.029
P 177.434	0.000580uv	mg/L	0.006002	1035.1	2.84363	0.057990 mg/L	Y 371.029
P 213.618	0.008197	mg/L	0.004464	54.5	8.10127	0.819744 mg/L	Y 371.029
P 214.914	-0.004845uv	mg/L	0.002859	59.0	1.97130	-0.484467 mg/L	Y 371.029
Pb 220.353	0.002943	mg/L	0.002878	97.8	7.82112	0.294265 mg/L	Y 371.029
Pb 261.417	0.000818uv	mg/L	0.004899	598.8	15.8097	0.081807 mg/L	Y 371.029
Pb 405.781	0.005564	mg/L	0.005143	92.4	65.4846	0.556421 mg/L	Y 371.029
Sb 206.834	0.042013	mg/L	0.002559	6.1	33.0948	4.20132 mg/L	Y 371.029
Sb 231.146	0.045071	mg/L	0.008252	18.3	26.0367	4.50714 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.020050	423.3	19.1831	uncal mg/L	Y 371.029
Se 196.026	0.013262	mg/L	0.008337	62.9	7.37669	1.32624 mg/L	Y 371.029
Se 203.985	0.008953uv	mg/L	0.020720	231.4	5.66741	0.895262 mg/L	Y 371.029
Si 250.690	0.012780	mg/L	0.004385	34.3	62.7890	1.27801 mg/L	Y 371.029
Si 251.611	0.012082	mg/L	0.001251	10.4	59.8600	1.20816 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001701	81.9	801.405	uncal mg/L	Y 371.029
Sn 189.927	0.002705	mg/L	0.002386	88.2	3.92324	0.270491 mg/L	Y 371.029
Sn 283.998	-0.000751uv	mg/L	0.003586	477.3	12.6372	-0.075127 mg/L	Y 371.029
Sr 216.596	0.001881	mg/L	0.000365	19.4	28.5742	0.188118 mg/L	Y 371.029
Sr 407.771	0.001166	mg/L	0.000006	0.5	8540.84	0.116598 mg/L	Y 371.029
Sr 421.552	0.001197	mg/L	0.000006	0.5	5351.44	0.119651 mg/L	Y 371.029
Ti 334.941	0.002004	mg/L	0.000633	31.6	505.161	0.200383 mg/L	Y 371.029
Ti 336.122	0.001924	mg/L	0.000522	27.1	201.211	0.192445 mg/L	Y 371.029
Ti 337.280	0.002243	mg/L	0.000304	13.6	53.5239	0.224319 mg/L	Y 371.029
Tl 190.794	0.002424	mg/L	0.000839	34.6	3.23605	0.242424 mg/L	Y 371.029
Tl 190.807	0.011106	mg/L	0.008420	75.8	1.77071	1.11055 mg/L	Y 371.029
Tl 351.923	-0.007525uv	mg/L	0.005775	76.7	14.1082	-0.752470 mg/L	Y 371.029
V 268.796	0.000745	mg/L	0.000852	114.3	41.9903	0.074503 mg/L	Y 371.029
V 292.401	-0.000018uv	mg/L	0.000324	1820.0	44.4586	-0.001780 mg/L	Y 371.029
V 311.837	0.000489	mg/L	0.000117	24.0	9.57510	0.048898 mg/L	Y 371.029
Zn 202.548	0.001481	mg/L	0.000451	30.5	628.083	0.148110 mg/L	Y 371.029
Zn 206.200	0.001538	mg/L	0.000184	12.0	203.393	0.153785 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.000630	mg/L	0.000270	42.8	1170.44	0.063011 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01332	8125.60	20.876	0.3
Y 371.029	0.852377	140563	322.546	0.2

11D1133-02 (Samp) **4/27/2011, 1:20:03 PM** **Rack 1, Tube 18**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 100**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000329uv	mg/L	0.000623	189.6	483.678	-0.032874 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000846	181.4	-5.55762	uncal mg/L	Y 371.029
Al 237.312	0.025655	mg/L	0.001696	6.6	81.5906	2.56545 mg/L	Y 371.029
Al 257.509	0.030789	mg/L	0.019882	64.6	35.5601	3.07889 mg/L	Y 371.029
Al 308.215	0.011639	mg/L	0.002181	18.7	1301.48	1.16390 mg/L	Y 371.029
As 188.980	0.002558uv	mg/L	0.004751	185.7	5.83406	0.255785 mg/L	Y 371.029
As 193.696	0.002181uv	mg/L	0.002154	98.8	2.44846	0.218145 mg/L	Y 371.029
As 228.812	0.001074	mg/L	0.001355	126.1	11.9980	0.107448 mg/L	Y 371.029
B 182.577	0.005768	mg/L	0.001405	24.4	6.83658	0.576799 mg/L	Y 371.029
B 249.678	0.004031	mg/L	0.000735	18.2	82.8154	0.403078 mg/L	Y 371.029
B 249.772	0.005231	mg/L	0.000239	4.6	159.774	0.523146 mg/L	Y 371.029
Ba 233.527	-0.000020	mg/L	0.000077	386.6	186.370	-0.001989 mg/L	Y 371.029
Ba 455.403	-0.000215	mg/L	0.000004	2.1	4075.73	-0.021503 mg/L	Y 371.029
Ba 493.408	-0.000148	mg/L	0.000047	31.7	2547.02	-0.014753 mg/L	Y 371.029
Be 234.861	0.000046	mg/L	0.000016	34.9	1.09960	0.004554 mg/L	Y 371.029
Be 313.042	0.000005uv	mg/L	0.000004	76.5	330.779	0.000482 mg/L	Y 371.029
Be 313.107	0.000015	mg/L	0.000015	105.0	89.0365	0.001470 mg/L	Y 371.029
Ca 393.366	15.1455n	mg/L	0.021959	0.1	17781126	1514.55 mg/L	Y 371.029
Ca 396.847	16.0066	mg/L	0.022207	0.1	31697000	1600.66 mg/L	Y 371.029
Ca 430.253	18.0741	mg/L	0.015321	0.1	77846.4	1807.41 mg/L	Y 371.029
Cd 214.439	0.000392	mg/L	0.000057	14.5	7.59534	0.039225 mg/L	Y 371.029
Cd 226.502	-0.000050uv	mg/L	0.000041	82.5	21.9062	-0.005012 mg/L	Y 371.029
Cd 228.802	0.000139uv	mg/L	0.000468	337.8	19.0695	0.013863 mg/L	Y 371.029
Co 228.615	0.001555	mg/L	0.000361	23.2	10.5097	0.155459 mg/L	Y 371.029
Co 230.786	0.000279uv	mg/L	0.000432	155.1	8.03555	0.027855 mg/L	Y 371.029
Co 238.892	0.000227uv	mg/L	0.000770	338.9	5.35543	0.022721 mg/L	Y 371.029
Cr 205.560	0.000231	mg/L	0.000163	70.6	6.92610	0.023078 mg/L	Y 371.029
Cr 206.158	0.001268	mg/L	0.000745	58.7	3.53579	0.126813 mg/L	Y 371.029
Cr 267.716	0.000524	mg/L	0.000075	14.3	40.3622	0.052415 mg/L	Y 371.029
Cu 213.598	0.005888	mg/L	0.001120	19.0	24.7256	0.588778 mg/L	Y 371.029
Cu 324.754	-0.000143uv	mg/L	0.000462	323.4	326.357	-0.014280 mg/L	Y 371.029
Cu 327.395	0.000571	mg/L	0.000655	114.6	47.0129	0.057140 mg/L	Y 371.029
Fe 234.350	0.019745	mg/L	0.000379	1.9	201.214	1.97448 mg/L	Y 371.029
Fe 238.204	0.019074	mg/L	0.000428	2.2	422.101	1.90736 mg/L	Y 371.029
Fe 259.940	0.019361	mg/L	0.000383	2.0	368.808	1.93608 mg/L	Y 371.029
Ga 287.423	0.003149	mg/L	0.003055	97.0	24.4637	0.314908 mg/L	Y 371.029
Ga 294.363	0.003539	mg/L	0.001517	42.9	22.8953	0.353880 mg/L	Y 371.029
Ga 417.204	-0.001282uv	mg/L	0.001868	145.7	95.4041	-0.128219 mg/L	Y 371.029
K 766.491	0.003764	mg/L	0.000363	9.7	2421.66	0.376431 mg/L	Y 371.029
K 769.897	0.000316	mg/L	0.001636	518.2	12568.0	0.031578 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.012459	mg/L	0.000188	1.5	52.8580	1.24592 mg/L	Y 371.029
Li 670.783	-0.001782uv	mg/L	0.000045	2.5	61187.6	-0.178191 mg/L	Y 371.029
Mg 279.078	0.181046	mg/L	0.002135	1.2	304.619	18.1046 mg/L	Y 371.029
Mg 280.270	0.182269	mg/L	0.000356	0.2	18372.2	18.2269 mg/L	Y 371.029
Mg 285.213	0.178333	mg/L	0.001195	0.7	6382.66	17.8333 mg/L	Y 371.029
Mn 257.610	0.000721	mg/L	0.000016	2.2	130.590	0.072123 mg/L	Y 371.029
Mn 259.372	0.000651	mg/L	0.000114	17.5	143.364	0.065108 mg/L	Y 371.029
Mn 260.568	0.000658	mg/L	0.000115	17.5	21.7584	0.065812 mg/L	Y 371.029
Mo 202.032	0.004662	mg/L	0.002040	43.8	42.0981	0.466229 mg/L	Y 371.029
Mo 203.846	0.007774	mg/L	0.001280	16.5	15.7284	0.777353 mg/L	Y 371.029
Mo 204.598	0.004926	mg/L	0.001082	22.0	13.2541	0.492592 mg/L	Y 371.029
Na 568.821	0.408666	mg/L	0.121971	29.8	228.021	40.8666 mg/L	Y 371.029
Na 588.995	-0.246401uv	mg/L	0.001365	0.6	188842	-24.6401 mg/L	Y 371.029
Na 589.592	-0.086747uv	mg/L	0.000496	0.6	69960.0	-8.67474 mg/L	Y 371.029
Ni 216.555	0.000943	mg/L	0.000410	43.4	5.60231	0.094294 mg/L	Y 371.029
Ni 221.648	0.000195uv	mg/L	0.000388	199.0	2.69932	0.019503 mg/L	Y 371.029
Ni 231.604	0.000251uv	mg/L	0.000512	204.2	7.04735	0.025060 mg/L	Y 371.029
P 177.434	9.02537	mg/L	0.027733	0.3	1340.02	902.537 mg/L	Y 371.029
P 213.618	9.24552	mg/L	0.035425	0.4	6027.81	924.552 mg/L	Y 371.029
P 214.914	9.15610	mg/L	0.041873	0.5	1556.91	915.610 mg/L	Y 371.029
Pb 220.353	0.002243	mg/L	0.000761	33.9	7.25715	0.224320 mg/L	Y 371.029
Pb 261.417	0.008942uv	mg/L	0.008116	90.8	19.6550	0.894166 mg/L	Y 371.029
Pb 405.781	0.010709	mg/L	0.012170	113.6	77.1534	1.07086 mg/L	Y 371.029
Sb 206.834	0.018863	mg/L	0.001999	10.6	21.0353	1.88628 mg/L	Y 371.029
Sb 231.146	0.009678	mg/L	0.002943	30.4	13.7051	0.967807 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.022110	134.3	15.0553	uncal mg/L	Y 371.029
Se 196.026	0.007493	mg/L	0.005217	69.6	6.14279	0.749272 mg/L	Y 371.029
Se 203.985	0.006800uv	mg/L	0.012176	179.1	5.04670	0.679994 mg/L	Y 371.029
Si 250.690	0.122894	mg/L	0.003505	2.9	200.807	12.2894 mg/L	Y 371.029
Si 251.611	0.105658	mg/L	0.003409	3.2	216.146	10.5658 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001767	1.7	1650.84	uncal mg/L	Y 371.029
Sn 189.927	0.000559uv	mg/L	0.003735	668.4	3.19352	0.055875 mg/L	Y 371.029
Sn 283.998	0.003666	mg/L	0.005492	149.8	20.9257	0.366619 mg/L	Y 371.029
Sr 216.596	0.008893	mg/L	0.000401	4.5	86.7872	0.889307 mg/L	Y 371.029
Sr 407.771	0.008121	mg/L	0.000021	0.3	27014.6	0.812098 mg/L	Y 371.029
Sr 421.552	0.008291	mg/L	0.000040	0.5	17580.2	0.829096 mg/L	Y 371.029
Ti 334.941	0.001831	mg/L	0.000298	16.3	476.291	0.183085 mg/L	Y 371.029
Ti 336.122	0.001697	mg/L	0.000497	29.3	178.911	0.169661 mg/L	Y 371.029
Ti 337.280	0.001792	mg/L	0.000109	6.1	42.7689	0.179190 mg/L	Y 371.029
Tl 190.794	-0.001284uv	mg/L	0.000245	19.0	1.77372	-0.128414 mg/L	Y 371.029
Tl 190.807	0.007813	mg/L	0.003631	46.5	1.04402	0.781327 mg/L	Y 371.029
Tl 351.923	-0.006466uv	mg/L	0.002641	40.8	16.9989	-0.646619 mg/L	Y 371.029
V 268.796	0.000167	mg/L	0.000609	365.3	31.8016	0.016683 mg/L	Y 371.029
V 292.401	0.000078uv	mg/L	0.000113	144.5	47.9587	0.007844 mg/L	Y 371.029
V 311.837	0.000543	mg/L	0.000075	13.7	13.2917	0.054278 mg/L	Y 371.029
Zn 202.548	0.002573	mg/L	0.000128	5.0	646.794	0.257321 mg/L	Y 371.029
Zn 206.200	0.003507	mg/L	0.000909	25.9	212.094	0.350739 mg/L	Y 371.029
Zn 213.857	0.001078	mg/L	0.000677	62.8	1194.49	0.107812 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03397	8291.20	60.008	0.7
Y 371.029	0.864471	142557	914.825	0.6

11D1134-01 (Samp) **4/27/2011, 1:23:55 PM** **Rack 1, Tube 19**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000183uv	mg/L	0.000703	383.6	469.052	-0.001832 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000925	754.8	-4.48799	uncal mg/L	Y 371.029
Al 237.312	0.029124	mg/L	0.003410	11.7	84.3185	0.291239 mg/L	Y 371.029
Al 257.509	0.009686	mg/L	0.008486	87.6	24.3076	0.096861 mg/L	Y 371.029
Al 308.215	0.005485	mg/L	0.001277	23.3	1282.39	0.054853 mg/L	Y 371.029
As 188.980	0.002099	mg/L	0.001648	78.5	5.67036	0.020992 mg/L	Y 371.029
As 193.696	0.006508	mg/L	0.003907	60.0	4.27732	0.065084 mg/L	Y 371.029
As 228.812	0.004495	mg/L	0.003868	86.0	15.3919	0.044951 mg/L	Y 371.029
B 182.577	0.007075	mg/L	0.002505	35.4	7.05475	0.070751 mg/L	Y 371.029
B 249.678	0.007382	mg/L	0.000435	5.9	104.961	0.073816 mg/L	Y 371.029
B 249.772	0.007919	mg/L	0.000708	8.9	195.416	0.079188 mg/L	Y 371.029
Ba 233.527	0.001813	mg/L	0.000120	6.6	245.662	0.018128 mg/L	Y 371.029
Ba 455.403	0.001503	mg/L	0.000031	2.1	5351.29	0.015030 mg/L	Y 371.029
Ba 493.408	0.001577	mg/L	0.000031	2.0	3337.13	0.015767 mg/L	Y 371.029
Be 234.861	0.000072	mg/L	0.000005	6.4	4.42595	0.000715 mg/L	Y 371.029
Be 313.042	0.000018	mg/L	0.000005	26.5	358.117	0.000180 mg/L	Y 371.029
Be 313.107	0.000020	mg/L	0.000004	18.0	92.3989	0.000199 mg/L	Y 371.029
Ca 393.366	1.61965n	mg/L	0.001950	0.1	1918209	16.1965 mg/L	Y 371.029
Ca 396.847	1.56358	mg/L	0.002151	0.1	3122875	15.6358 mg/L	Y 371.029
Ca 430.253	1.57327	mg/L	0.010030	0.6	7875.42	15.7327 mg/L	Y 371.029
Cd 214.439	0.000404	mg/L	0.000040	10.0	7.80901	0.004037 mg/L	Y 371.029
Cd 226.502	0.000311	mg/L	0.000108	34.7	33.9271	0.003115 mg/L	Y 371.029
Cd 228.802	0.000245	mg/L	0.000248	101.5	20.5928	0.002448 mg/L	Y 371.029
Co 228.615	0.001455	mg/L	0.000617	42.4	10.1053	0.014548 mg/L	Y 371.029
Co 230.786	-0.000168uv	mg/L	0.000365	217.7	5.05623	-0.001679 mg/L	Y 371.029
Co 238.892	-0.000002uv	mg/L	0.000316	16312.3	3.94674	-0.000019 mg/L	Y 371.029
Cr 205.560	-0.000113uv	mg/L	0.000151	133.3	4.90196	-0.001132 mg/L	Y 371.029
Cr 206.158	0.000517uv	mg/L	0.000871	168.4	2.39247	0.005170 mg/L	Y 371.029
Cr 267.716	0.000311	mg/L	0.000088	28.4	33.6999	0.003111 mg/L	Y 371.029
Cu 213.598	0.002515	mg/L	0.001832	72.8	11.4279	0.025153 mg/L	Y 371.029
Cu 324.754	0.001290	mg/L	0.000141	10.9	384.487	0.012895 mg/L	Y 371.029
Cu 327.395	0.002462	mg/L	0.000349	14.2	124.596	0.024624 mg/L	Y 371.029
Fe 234.350	0.028736	mg/L	0.000258	0.9	266.440	0.287359 mg/L	Y 371.029
Fe 238.204	0.028325	mg/L	0.000367	1.3	556.258	0.283250 mg/L	Y 371.029
Fe 259.940	0.028112	mg/L	0.000742	2.6	473.202	0.281120 mg/L	Y 371.029
Ga 287.423	-0.000785uv	mg/L	0.003253	414.6	15.9410	-0.007847 mg/L	Y 371.029
Ga 294.363	0.002695	mg/L	0.000960	35.6	20.1975	0.026952 mg/L	Y 371.029
Ga 417.204	-0.001694uv	mg/L	0.000901	53.2	96.7586	-0.016942 mg/L	Y 371.029
K 766.491	5.54567	mg/L	0.010791	0.2	382100	55.4567 mg/L	Y 371.029
K 769.897	5.34409	mg/L	0.009578	0.2	315217	53.4409 mg/L	Y 371.029
Li 610.365	0.011420	mg/L	0.000129	1.1	0.840952	0.114196 mg/L	Y 371.029
Li 670.783	-0.001790uv	mg/L	0.000015	0.8	60990.0	-0.017901 mg/L	Y 371.029
Mg 279.078	0.506873	mg/L	0.004074	0.8	829.192	5.06873 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	0.511654	mg/L	0.002195	0.4	50839.8	5.11654 mg/L	Y 371.029
Mg 285.213	0.495684	mg/L	0.001930	0.4	17613.0	4.95684 mg/L	Y 371.029
Mn 257.610	0.039554	mg/L	0.000262	0.7	5731.99	0.395537 mg/L	Y 371.029
Mn 259.372	0.039441	mg/L	0.000291	0.7	4301.36	0.394406 mg/L	Y 371.029
Mn 260.568	0.039138	mg/L	0.000341	0.9	730.239	0.391383 mg/L	Y 371.029
Mo 202.032	0.003998	mg/L	0.000716	17.9	36.1547	0.039978 mg/L	Y 371.029
Mo 203.846	0.006896	mg/L	0.001490	21.6	12.8365	0.068961 mg/L	Y 371.029
Mo 204.598	0.003968	mg/L	0.001660	41.8	10.0778	0.039681 mg/L	Y 371.029
Na 568.821	1.17994	mg/L	0.009436	0.8	406.970	11.7994 mg/L	Y 371.029
Na 588.995	0.592182	mg/L	0.006056	1.0	656814	5.92182 mg/L	Y 371.029
Na 589.592	0.688075	mg/L	0.001423	0.2	302395	6.88075 mg/L	Y 371.029
Ni 216.555	0.000305uv	mg/L	0.000460	151.1	2.15461	0.003046 mg/L	Y 371.029
Ni 221.648	0.000086uv	mg/L	0.000751	868.6	2.43689	0.000865 mg/L	Y 371.029
Ni 231.604	0.000376uv	mg/L	0.000540	143.8	7.02032	0.003756 mg/L	Y 371.029
P 177.434	0.946005	mg/L	0.015107	1.6	142.930	9.46005 mg/L	Y 371.029
P 213.618	0.967732	mg/L	0.001413	0.1	633.484	9.67732 mg/L	Y 371.029
P 214.914	0.975237	mg/L	0.009592	1.0	168.341	9.75237 mg/L	Y 371.029
Pb 220.353	0.000018uv	mg/L	0.000746	4030.7	4.64040	0.000185 mg/L	Y 371.029
Pb 261.417	0.001076uv	mg/L	0.003934	365.6	16.0425	0.010763 mg/L	Y 371.029
Pb 405.781	0.008549uv	mg/L	0.009215	107.8	69.1704	0.085494 mg/L	Y 371.029
Sb 206.834	0.019011	mg/L	0.001652	8.7	20.3073	0.190106 mg/L	Y 371.029
Sb 231.146	0.012763	mg/L	0.000351	2.7	12.6187	0.127632 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.035441	885.9	16.4013	uncal mg/L	Y 371.029
Se 196.026	0.008134	mg/L	0.004971	61.1	5.84142	0.081343 mg/L	Y 371.029
Se 203.985	0.006795uv	mg/L	0.009996	147.1	5.35168	0.067950 mg/L	Y 371.029
Si 250.690	0.271683	mg/L	0.001109	0.4	387.721	2.71683 mg/L	Y 371.029
Si 251.611	0.272508	mg/L	0.000743	0.3	427.842	2.72508 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002762	1.0	2763.52	uncal mg/L	Y 371.029
Sn 189.927	0.000076uv	mg/L	0.002755	3602.8	3.15713	0.000765 mg/L	Y 371.029
Sn 283.998	0.008259	mg/L	0.002780	33.7	25.4189	0.082588 mg/L	Y 371.029
Sr 216.596	0.007759	mg/L	0.000467	6.0	74.2455	0.077593 mg/L	Y 371.029
Sr 407.771	0.007259	mg/L	0.000012	0.2	23763.1	0.072590 mg/L	Y 371.029
Sr 421.552	0.007260	mg/L	0.000002	0.0	15191.7	0.072595 mg/L	Y 371.029
Ti 334.941	0.001074	mg/L	0.000323	30.1	307.235	0.010741 mg/L	Y 371.029
Ti 336.122	0.001040	mg/L	0.000298	28.7	122.470	0.010397 mg/L	Y 371.029
Ti 337.280	0.001788	mg/L	0.000040	2.2	39.6474	0.017879 mg/L	Y 371.029
Tl 190.794	0.002154	mg/L	0.001569	72.8	3.18392	0.021544 mg/L	Y 371.029
Tl 190.807	0.006756	mg/L	0.002582	38.2	1.00547	0.067557 mg/L	Y 371.029
Tl 351.923	-0.005771uv	mg/L	0.004623	80.1	16.7172	-0.057712 mg/L	Y 371.029
V 268.796	0.000168	mg/L	0.000393	234.5	28.8884	0.001677 mg/L	Y 371.029
V 292.401	0.000072	mg/L	0.000107	147.8	47.4033	0.000723 mg/L	Y 371.029
V 311.837	0.000589	mg/L	0.000097	16.5	13.7396	0.005895 mg/L	Y 371.029
Zn 202.548	0.009434	mg/L	0.000210	2.2	697.677	0.094342 mg/L	Y 371.029
Zn 206.200	0.009996	mg/L	0.000615	6.2	227.958	0.099961 mg/L	Y 371.029
Zn 213.857	0.008731	mg/L	0.000323	3.7	1305.48	0.087308 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00290	8042.06	10.823	0.1
Y 371.029	0.843965	139176	103.905	0.1

110427A. All Data Report 4/28/2011, 16:51:27

SEQ-CCV2 (Samp)	**4/27/2011, 1:27:37 PM**	**Rack 1, Tube 20**
	M_200.7_T_WW	**CCV**
Weight: 1	**Volume: 1**	**Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.100557	mg/L	0.000393	0.4	5307.32	0.100557 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002571	2.6	271.269	uncal mg/L	Y 371.029
Al 237.312	2.55039	mg/L	0.000963	0.0	3184.23	2.55039 mg/L	Y 371.029
Al 257.509	2.56783	mg/L	0.020092	0.8	1480.43	2.56783 mg/L	Y 371.029
Al 308.215	2.55008	mg/L	0.002579	0.1	16410.2	2.55008 mg/L	Y 371.029
As 188.980	0.502388	mg/L	0.004016	0.8	174.014	0.502388 mg/L	Y 371.029
As 193.696	0.505839	mg/L	0.003740	0.7	209.332	0.505839 mg/L	Y 371.029
As 228.812	0.571880	mg/L	0.003500	0.6	913.222	0.571880 mg/L	Y 371.029
B 182.577	0.490862	mg/L	0.006169	1.3	209.245	0.490862 mg/L	Y 371.029
B 249.678	0.494404	mg/L	0.010128	2.0	4227.54	0.494404 mg/L	Y 371.029
B 249.772	0.488436	mg/L	0.010654	2.2	8022.54	0.488436 mg/L	Y 371.029
Ba 233.527	0.503687	mg/L	0.003511	0.7	19494.5	0.503687 mg/L	Y 371.029
Ba 455.403	0.502425	mg/L	0.001044	0.2	443399	0.502425 mg/L	Y 371.029
Ba 493.408	0.496451	mg/L	0.000618	0.1	268463	0.496451 mg/L	Y 371.029
Be 234.861	0.507803	mg/L	0.003381	0.7	58979.6	0.507803 mg/L	Y 371.029
Be 313.042	0.503601	mg/L	0.006117	1.2	850645	0.503601 mg/L	Y 371.029
Be 313.107	0.507150	mg/L	0.006100	1.2	422000	0.507150 mg/L	Y 371.029
Ca 393.366	4.87541n	mg/L	0.032531	0.7	5740322	4.87541 mg/L	Y 371.029
Ca 396.847	4.77600	mg/L	0.010973	0.2	9484287	4.77600 mg/L	Y 371.029
Ca 430.253	5.07261	mg/L	0.017625	0.3	22779.7	5.07261 mg/L	Y 371.029
Cd 214.439	0.257023	mg/L	0.000423	0.2	4753.48	0.257023 mg/L	Y 371.029
Cd 226.502	0.255303	mg/L	0.000563	0.2	9289.80	0.255303 mg/L	Y 371.029
Cd 228.802	0.255192	mg/L	0.000523	0.2	3515.84	0.255192 mg/L	Y 371.029
Co 228.615	0.512455	mg/L	0.000637	0.1	4382.37	0.512455 mg/L	Y 371.029
Co 230.786	0.512805	mg/L	0.000595	0.1	3089.18	0.512805 mg/L	Y 371.029
Co 238.892	0.507614	mg/L	0.003971	0.8	2864.09	0.507614 mg/L	Y 371.029
Cr 205.560	0.502081	mg/L	0.004671	0.9	2041.34	0.502081 mg/L	Y 371.029
Cr 206.158	0.502924	mg/L	0.003994	0.8	822.492	0.502924 mg/L	Y 371.029
Cr 267.716	0.501736	mg/L	0.002129	0.4	10861.5	0.501736 mg/L	Y 371.029
Cu 213.598	0.514605	mg/L	0.004639	0.9	2012.87	0.514605 mg/L	Y 371.029
Cu 324.754	0.500072	mg/L	0.001079	0.2	16248.3	0.500072 mg/L	Y 371.029
Cu 327.395	0.496307	mg/L	0.000590	0.1	21167.2	0.496307 mg/L	Y 371.029
Fe 234.350	0.534601	mg/L	0.002249	0.4	4876.35	0.534601 mg/L	Y 371.029
Fe 238.204	0.526947	mg/L	0.006761	1.3	9721.09	0.526947 mg/L	Y 371.029
Fe 259.940	0.521468	mg/L	0.006969	1.3	7925.71	0.521468 mg/L	Y 371.029
Ga 287.423	0.508201	mg/L	0.002408	0.5	1156.60	0.508201 mg/L	Y 371.029
Ga 294.363	0.512771	mg/L	0.001271	0.2	3066.71	0.512771 mg/L	Y 371.029
Ga 417.204	0.514479	mg/L	0.002296	0.4	4702.01	0.514479 mg/L	Y 371.029
K 766.491	5.28999	mg/L	0.007230	0.1	364769	5.28999 mg/L	Y 371.029
K 769.897	5.10310	mg/L	0.009108	0.2	301667	5.10310 mg/L	Y 371.029
Li 610.365	1.00944	mg/L	0.001259	0.1	49937.0	1.00944 mg/L	Y 371.029
Li 670.783	1.06883	mg/L	0.000671	0.1	3747087	1.06883 mg/L	Y 371.029
Mg 279.078	5.11352	mg/L	0.002617	0.1	8239.78	5.11352 mg/L	Y 371.029
Mg 280.270	5.18256	mg/L	0.008334	0.2	512248	5.18256 mg/L	Y 371.029
Mg 285.213	5.19430	mg/L	0.051655	1.0	184001	5.19430 mg/L	Y 371.029
Mn 257.610	0.510461	mg/L	0.008434	1.7	74597.6	0.510461 mg/L	Y 371.029
Mn 259.372	0.511492	mg/L	0.008292	1.6	55845.5	0.511492 mg/L	Y 371.029
Mn 260.568	0.512326	mg/L	0.004919	1.0	9479.92	0.512326 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	1.03753	mg/L	0.011923	1.1	3552.77	1.03753 mg/L	Y 371.029
Mo 203.846	1.00851	mg/L	0.011072	1.1	1501.54	1.00851 mg/L	Y 371.029
Mo 204.598	1.03384	mg/L	0.013538	1.3	1757.87	1.03384 mg/L	Y 371.029
Na 568.821	5.06743	mg/L	0.132837	2.6	1431.03	5.06743 mg/L	Y 371.029
Na 588.995	5.57074	mg/L	0.012901	0.2	3452863	5.57074 mg/L	Y 371.029
Na 589.592	5.24074	mg/L	0.012684	0.2	1676961	5.24074 mg/L	Y 371.029
Ni 216.555	1.02498	mg/L	0.002237	0.2	5177.85	1.02498 mg/L	Y 371.029
Ni 221.648	1.01538	mg/L	0.001131	0.1	2036.39	1.01538 mg/L	Y 371.029
Ni 231.604	1.02629	mg/L	0.003362	0.3	3445.11	1.02629 mg/L	Y 371.029
P 177.434	0.525855	mg/L	0.012226	2.3	80.9676	0.525855 mg/L	Y 371.029
P 213.618	0.521239	mg/L	0.013658	2.6	354.453	0.521239 mg/L	Y 371.029
P 214.914	0.526365	mg/L	0.011862	2.3	97.5954	0.526365 mg/L	Y 371.029
Pb 220.353	1.01618	mg/L	0.002167	0.2	1108.87	1.01618 mg/L	Y 371.029
Pb 261.417	0.999387	mg/L	0.006996	0.7	511.276	0.999387 mg/L	Y 371.029
Pb 405.781	0.996265	mg/L	0.006831	0.7	1317.43	0.996265 mg/L	Y 371.029
Sb 206.834	0.885261	mg/L	0.011973	1.4	503.772	0.885261 mg/L	Y 371.029
Sb 231.146	0.919296	mg/L	0.004353	0.5	386.455	0.919296 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.003165	0.3	304.605	uncal mg/L	Y 371.029
Se 196.026	1.02455	mg/L	0.021146	2.1	302.763	1.02455 mg/L	Y 371.029
Se 203.985	1.01437	mg/L	0.014797	1.5	176.640	1.01437 mg/L	Y 371.029
Si 250.690	1.03908	mg/L	0.008614	0.8	1358.70	1.03908 mg/L	Y 371.029
Si 251.611	1.02697	mg/L	0.008057	0.8	1524.18	1.02697 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.003922	0.4	8243.58	uncal mg/L	Y 371.029
Sn 189.927	1.03014	mg/L	0.003953	0.4	308.523	1.03014 mg/L	Y 371.029
Sn 283.998	1.00651	mg/L	0.002289	0.2	1911.55	1.00651 mg/L	Y 371.029
Sr 216.596	0.508575	mg/L	0.001632	0.3	3988.96	0.508575 mg/L	Y 371.029
Sr 407.771	0.491683	mg/L	0.002143	0.4	1241186	0.491683 mg/L	Y 371.029
Sr 421.552	0.492368	mg/L	0.004298	0.9	807189	0.492368 mg/L	Y 371.029
Ti 334.941	0.497903	mg/L	0.002532	0.5	106551	0.497903 mg/L	Y 371.029
Ti 336.122	0.506418	mg/L	0.002812	0.6	45591.8	0.506418 mg/L	Y 371.029
Ti 337.280	0.502665	mg/L	0.002723	0.5	15359.1	0.502665 mg/L	Y 371.029
Tl 190.794	0.507897	mg/L	0.005299	1.0	178.389	0.507897 mg/L	Y 371.029
Tl 190.807	0.515491	mg/L	0.009666	1.9	90.4622	0.515491 mg/L	Y 371.029
Tl 351.923	0.501669	mg/L	0.002224	0.4	823.879	0.501669 mg/L	Y 371.029
V 268.796	0.508154	mg/L	0.002628	0.5	5349.57	0.508154 mg/L	Y 371.029
V 292.401	0.501481	mg/L	0.002176	0.4	15010.9	0.501481 mg/L	Y 371.029
V 311.837	0.512018	mg/L	0.000639	0.1	20882.6	0.512018 mg/L	Y 371.029
Zn 202.548	0.540694	mg/L	0.001180	0.2	5375.05	0.540694 mg/L	Y 371.029
Zn 206.200	0.532083	mg/L	0.005653	1.1	1741.32	0.532083 mg/L	Y 371.029
Zn 213.857	0.528316	mg/L	0.010170	1.9	10047.8	0.528316 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02730	8237.73	15.951	0.2
Y 371.029	0.861098	142001	103.463	0.1

SEQ-CCB2 (Samp)	**4/27/2011, 1:31:42 PM**	**Rack 1, Tube 21**
	M_200.7_T_WW	**CCB**
Weight: 1	**Volume: 1**	**Dilution: 1**

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000034uv	mg/L	0.000204	601.8	476.434	0.000034 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001939	89.4	2.02852	uncal mg/L	Y 371.029
Al 237.312	0.009283	mg/L	0.002596	28.0	59.6657	0.009283 mg/L	Y 371.029
Al 257.509	0.007777	mg/L	0.005885	75.7	23.1621	0.007777 mg/L	Y 371.029
Al 308.215	-0.011056uv	mg/L	0.000775	7.0	1188.27	-0.011056 mg/L	Y 371.029
As 188.980	0.006553	mg/L	0.003571	54.5	7.19549	0.006553 mg/L	Y 371.029
As 193.696	0.009759	mg/L	0.002887	29.6	5.62780	0.009759 mg/L	Y 371.029
As 228.812	-0.001694uv	mg/L	0.005898	348.2	10.1637	-0.001694 mg/L	Y 371.029
B 182.577	0.007821	mg/L	0.000332	4.2	7.32793	0.007821 mg/L	Y 371.029
B 249.678	0.008290	mg/L	0.002829	34.1	111.882	0.008290 mg/L	Y 371.029
B 249.772	0.009169	mg/L	0.002401	26.2	214.461	0.009169 mg/L	Y 371.029
Ba 233.527	0.000115	mg/L	0.000003	2.8	179.192	0.000115 mg/L	Y 371.029
Ba 455.403	-0.000129uv	mg/L	0.000014	11.1	3896.61	-0.000129 mg/L	Y 371.029
Ba 493.408	-0.000068uv	mg/L	0.000019	28.0	2438.74	-0.000068 mg/L	Y 371.029
Be 234.861	0.000035	mg/L	0.000008	22.8	0.375968	0.000035 mg/L	Y 371.029
Be 313.042	0.000007	mg/L	0.000005	63.4	339.874	0.000007 mg/L	Y 371.029
Be 313.107	0.000013	mg/L	0.000010	80.5	86.2704	0.000013 mg/L	Y 371.029
Ca 393.366	-0.002555nuv	mg/L	0.000028	1.1	15456.9	-0.002555 mg/L	Y 371.029
Ca 396.847	-0.002277uv	mg/L	0.000046	2.0	24652.7	-0.002277 mg/L	Y 371.029
Ca 430.253	-0.033337uv	mg/L	0.005035	15.1	1058.13	-0.033337 mg/L	Y 371.029
Cd 214.439	0.000230	mg/L	0.000106	46.2	4.59561	0.000230 mg/L	Y 371.029
Cd 226.502	-0.000037uv	mg/L	0.000109	299.0	21.0371	-0.000037 mg/L	Y 371.029
Cd 228.802	0.000294uv	mg/L	0.000560	190.2	21.2927	0.000294 mg/L	Y 371.029
Co 228.615	0.001113	mg/L	0.000175	15.7	7.13259	0.001113 mg/L	Y 371.029
Co 230.786	0.000106uv	mg/L	0.000489	460.2	6.63712	0.000106 mg/L	Y 371.029
Co 238.892	0.000492	mg/L	0.000311	63.3	6.81835	0.000492 mg/L	Y 371.029
Cr 205.560	-0.000190uv	mg/L	0.000479	252.0	4.47932	-0.000190 mg/L	Y 371.029
Cr 206.158	0.000236	mg/L	0.000083	35.0	1.90107	0.000236 mg/L	Y 371.029
Cr 267.716	-0.000049uv	mg/L	0.000183	374.3	25.2664	-0.000049 mg/L	Y 371.029
Cu 213.598	-0.000015uv	mg/L	0.000320	2114.1	1.61037	-0.000015 mg/L	Y 371.029
Cu 324.754	-0.000834uv	mg/L	0.000164	19.6	318.973	-0.000834 mg/L	Y 371.029
Cu 327.395	0.000391uv	mg/L	0.000455	116.3	35.0859	0.000391 mg/L	Y 371.029
Fe 234.350	-0.000094uv	mg/L	0.000598	638.9	13.1909	-0.000094 mg/L	Y 371.029
Fe 238.204	0.000193uv	mg/L	0.000334	173.0	45.4822	0.000193 mg/L	Y 371.029
Fe 259.940	0.000353	mg/L	0.000256	72.5	60.5347	0.000353 mg/L	Y 371.029
Ga 287.423	0.000891uv	mg/L	0.002919	327.6	19.0395	0.000891 mg/L	Y 371.029
Ga 294.363	0.003511	mg/L	0.001647	46.9	25.2137	0.003511 mg/L	Y 371.029
Ga 417.204	-0.002048uv	mg/L	0.001059	51.7	93.8744	-0.002048 mg/L	Y 371.029
K 766.491	-0.000377uv	mg/L	0.000037	9.8	2001.86	-0.000377 mg/L	Y 371.029
K 769.897	-0.000595uv	mg/L	0.001064	178.7	12404.0	-0.000595 mg/L	Y 371.029
Li 610.365	0.011023	mg/L	0.000144	1.3	-19.0024	0.011023 mg/L	Y 371.029
Li 670.783	-0.001920uv	mg/L	0.000077	4.0	60422.1	-0.001920 mg/L	Y 371.029
Mg 279.078	0.001278uv	mg/L	0.002528	197.7	15.7283	0.001278 mg/L	Y 371.029
Mg 280.270	-0.000135uv	mg/L	0.000031	23.2	287.463	-0.000135 mg/L	Y 371.029
Mg 285.213	0.000596	mg/L	0.000029	4.9	81.9526	0.000596 mg/L	Y 371.029
Mn 257.610	-0.000009uv	mg/L	0.000054	629.5	13.7708	-0.000009 mg/L	Y 371.029
Mn 259.372	-0.000058	mg/L	0.000064	110.2	56.5916	-0.000058 mg/L	Y 371.029
Mn 260.568	0.000120	mg/L	0.000027	22.8	9.60909	0.000120 mg/L	Y 371.029
Mo 202.032	0.023904	mg/L	0.002177	9.1	102.214	0.023904 mg/L	Y 371.029
Mo 203.846	0.026096	mg/L	0.004117	15.8	40.6240	0.026096 mg/L	Y 371.029
Mo 204.598	0.024233	mg/L	0.003070	12.7	43.5971	0.024233 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	0.578975	mg/L	0.110955	19.2	249.113	0.578975 mg/L	Y 371.029
Na 588.995	-0.259175uv	mg/L	0.000718	0.3	179046	-0.259175 mg/L	Y 371.029
Na 589.592	-0.096087uv	mg/L	0.000274	0.3	65930.5	-0.096087 mg/L	Y 371.029
Ni 216.555	0.000946	mg/L	0.000661	69.9	5.14567	0.000946 mg/L	Y 371.029
Ni 221.648	0.000858	mg/L	0.000542	63.2	3.90410	0.000858 mg/L	Y 371.029
Ni 231.604	0.001108	mg/L	0.000709	64.0	9.24260	0.001108 mg/L	Y 371.029
P 177.434	-0.001163uv	mg/L	0.005161	443.8	2.58850	-0.001163 mg/L	Y 371.029
P 213.618	0.005302	mg/L	0.005537	104.4	6.15907	0.005302 mg/L	Y 371.029
P 214.914	0.000772uv	mg/L	0.002049	265.4	2.92572	0.000772 mg/L	Y 371.029
Pb 220.353	0.000237uv	mg/L	0.001849	780.5	4.84576	0.000237 mg/L	Y 371.029
Pb 261.417	0.007771	mg/L	0.006349	81.7	19.3059	0.007771 mg/L	Y 371.029
Pb 405.781	0.013850	mg/L	0.004808	34.7	74.9229	0.013850 mg/L	Y 371.029
Sb 206.834	0.052013	mg/L	0.002016	3.9	38.4984	0.052013 mg/L	Y 371.029
Sb 231.146	0.052013	mg/L	0.003577	6.9	28.4730	0.052013 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.021273	72.1	26.0589	uncal mg/L	Y 371.029
Se 196.026	0.016011	mg/L	0.003924	24.5	8.09286	0.016011 mg/L	Y 371.029
Se 203.985	0.013718	mg/L	0.006754	49.2	6.48952	0.013718 mg/L	Y 371.029
Si 250.690	0.000563uv	mg/L	0.003616	642.7	47.4861	0.000563 mg/L	Y 371.029
Si 251.611	0.003671	mg/L	0.001972	53.7	43.6102	0.003671 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002096	44.7	729.487	uncal mg/L	Y 371.029
Sn 189.927	0.001913	mg/L	0.000639	33.4	3.70673	0.001913 mg/L	Y 371.029
Sn 283.998	-0.001656uv	mg/L	0.002779	167.8	11.1810	-0.001656 mg/L	Y 371.029
Sr 216.596	0.000734	mg/L	0.000145	19.8	18.9590	0.000734 mg/L	Y 371.029
Sr 407.771	-0.000031uv	mg/L	0.000001	4.3	5344.27	-0.000031 mg/L	Y 371.029
Sr 421.552	-0.000036uv	mg/L	0.000001	3.4	3216.07	-0.000036 mg/L	Y 371.029
Ti 334.941	0.001121	mg/L	0.000292	26.1	314.936	0.001121 mg/L	Y 371.029
Ti 336.122	0.001109	mg/L	0.000390	35.2	128.244	0.001109 mg/L	Y 371.029
Ti 337.280	0.001399	mg/L	0.000470	33.6	27.1778	0.001399 mg/L	Y 371.029
Tl 190.794	0.002278uv	mg/L	0.003370	147.9	3.22007	0.002278 mg/L	Y 371.029
Tl 190.807	0.004602	mg/L	0.005937	129.0	0.690023	0.004602 mg/L	Y 371.029
Tl 351.923	-0.008918uv	mg/L	0.003192	35.8	11.6547	-0.008918 mg/L	Y 371.029
V 268.796	0.000920	mg/L	0.000788	85.7	54.6345	0.000920 mg/L	Y 371.029
V 292.401	-0.000162uv	mg/L	0.000251	154.7	39.9646	-0.000162 mg/L	Y 371.029
V 311.837	0.000610	mg/L	0.000161	26.4	14.2206	0.000610 mg/L	Y 371.029
Zn 202.548	0.001663	mg/L	0.000178	10.7	628.075	0.001663 mg/L	Y 371.029
Zn 206.200	0.001258	mg/L	0.000628	49.9	202.049	0.001258 mg/L	Y 371.029
Zn 213.857	0.000933	mg/L	0.000385	41.2	1172.46	0.000933 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00769	8080.45	37.162	0.5
Y 371.029	0.848027	139846	704.412	0.5

1118055-BLK1 (Samp) **4/27/2011, 1:44:52 PM** **Rack 1, Tube 22**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000412	mg/L	0.000141	34.2	494.630	0.000412 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000361	41.3	-1.64874	uncal mg/L	Y 371.029
Al 237.312	0.008560	mg/L	0.002797	32.7	58.7752	0.008560 mg/L	Y 371.029
Al 257.509	0.021656	mg/L	0.012464	57.6	31.1005	0.021656 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	-0.004967uv	mg/L	0.001130	22.7	1223.27	-0.004967 mg/L	Y 371.029
As 188.980	0.004992	mg/L	0.002256	45.2	6.66674	0.004992 mg/L	Y 371.029
As 193.696	0.006477	mg/L	0.000657	10.1	4.27774	0.006477 mg/L	Y 371.029
As 228.812	0.002601	mg/L	0.002624	100.9	13.7238	0.002601 mg/L	Y 371.029
B 182.577	0.002388	mg/L	0.001227	51.4	5.06124	0.002388 mg/L	Y 371.029
B 249.678	0.001376	mg/L	0.000400	29.1	53.5181	0.001376 mg/L	Y 371.029
B 249.772	0.002081	mg/L	0.000543	26.1	99.2357	0.002081 mg/L	Y 371.029
Ba 233.527	0.000114uv	mg/L	0.000141	124.1	179.144	0.000114 mg/L	Y 371.029
Ba 455.403	-0.000061uv	mg/L	0.000019	31.9	3956.59	-0.000061 mg/L	Y 371.029
Ba 493.408	-0.000001uv	mg/L	0.000026	2430.4	2474.70	-0.000001 mg/L	Y 371.029
Be 234.861	0.000024	mg/L	0.000027	113.2	-0.980004	0.000024 mg/L	Y 371.029
Be 313.042	-0.000000uv	mg/L	0.000005	1888.6	327.729	-0.000000 mg/L	Y 371.029
Be 313.107	0.000013	mg/L	0.000002	13.5	86.6436	0.000013 mg/L	Y 371.029
Ca 393.366	0.003447n	mg/L	0.000028	0.8	22505.3	0.003447 mg/L	Y 371.029
Ca 396.847	0.003455	mg/L	0.000049	1.4	35997.1	0.003455 mg/L	Y 371.029
Ca 430.253	-0.009745uv	mg/L	0.001641	16.8	1158.66	-0.009745 mg/L	Y 371.029
Cd 214.439	0.000175	mg/L	0.000075	42.9	3.58837	0.000175 mg/L	Y 371.029
Cd 226.502	0.000030uv	mg/L	0.000090	297.1	23.4778	0.000030 mg/L	Y 371.029
Cd 228.802	0.000177uv	mg/L	0.000403	227.1	19.6791	0.000177 mg/L	Y 371.029
Co 228.615	0.001041	mg/L	0.000316	30.3	6.55419	0.001041 mg/L	Y 371.029
Co 230.786	0.000471	mg/L	0.000133	28.2	8.81119	0.000471 mg/L	Y 371.029
Co 238.892	0.000519	mg/L	0.000351	67.6	6.95244	0.000519 mg/L	Y 371.029
Cr 205.560	-0.000508uv	mg/L	0.000263	51.8	3.18571	-0.000508 mg/L	Y 371.029
Cr 206.158	0.000436	mg/L	0.000038	8.8	2.23294	0.000436 mg/L	Y 371.029
Cr 267.716	-0.000315uv	mg/L	0.000055	17.4	19.5454	-0.000315 mg/L	Y 371.029
Cu 213.598	0.000674uv	mg/L	0.000744	110.5	4.09040	0.000674 mg/L	Y 371.029
Cu 324.754	-0.000636uv	mg/L	0.000105	16.4	325.095	-0.000636 mg/L	Y 371.029
Cu 327.395	0.000626	mg/L	0.000428	68.4	45.1794	0.000626 mg/L	Y 371.029
Fe 234.350	0.002541	mg/L	0.000020	0.8	35.9957	0.002541 mg/L	Y 371.029
Fe 238.204	0.002718	mg/L	0.000298	11.0	90.3862	0.002718 mg/L	Y 371.029
Fe 259.940	0.002888	mg/L	0.000236	8.2	97.7307	0.002888 mg/L	Y 371.029
Ga 287.423	-0.002166uv	mg/L	0.003661	169.0	12.4120	-0.002166 mg/L	Y 371.029
Ga 294.363	0.002334	mg/L	0.000161	6.9	18.2040	0.002334 mg/L	Y 371.029
Ga 417.204	-0.001379uv	mg/L	0.000890	64.5	99.4127	-0.001379 mg/L	Y 371.029
K 766.491	0.001913	mg/L	0.000126	6.6	2159.14	0.001913 mg/L	Y 371.029
K 769.897	0.002479	mg/L	0.000866	34.9	12578.1	0.002479 mg/L	Y 371.029
Li 610.365	0.011076	mg/L	0.000139	1.3	-16.3396	0.011076 mg/L	Y 371.029
Li 670.783	-0.001888uv	mg/L	0.000035	1.8	60538.2	-0.001888 mg/L	Y 371.029
Mg 279.078	0.003142uv	mg/L	0.004782	152.2	18.7426	0.003142 mg/L	Y 371.029
Mg 280.270	0.001363	mg/L	0.000036	2.7	435.641	0.001363 mg/L	Y 371.029
Mg 285.213	0.001975	mg/L	0.000142	7.2	130.843	0.001975 mg/L	Y 371.029
Mn 257.610	-0.000050uv	mg/L	0.000023	45.5	7.48935	-0.000050 mg/L	Y 371.029
Mn 259.372	0.000027uv	mg/L	0.000060	220.6	54.5324	0.000027 mg/L	Y 371.029
Mn 260.568	0.000010uv	mg/L	0.000065	626.1	7.62909	0.000010 mg/L	Y 371.029
Mo 202.032	0.002030	mg/L	0.000710	35.0	28.3278	0.002030 mg/L	Y 371.029
Mo 203.846	0.004593	mg/L	0.000896	19.5	8.90847	0.004593 mg/L	Y 371.029
Mo 204.598	0.002151	mg/L	0.001272	59.1	6.40481	0.002151 mg/L	Y 371.029
Na 568.821	0.717474	mg/L	0.076010	10.6	284.950	0.717474 mg/L	Y 371.029
Na 588.995	-0.250627uv	mg/L	0.002704	1.1	183821	-0.250627 mg/L	Y 371.029
Na 589.592	-0.090622uv	mg/L	0.000478	0.5	67574.6	-0.090622 mg/L	Y 371.029
Ni 216.555	0.001142	mg/L	0.000559	48.9	6.15411	0.001142 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.001501	mg/L	0.001562	104.1	5.19562	0.001501 mg/L	Y 371.029
Ni 231.604	0.000864	mg/L	0.000258	29.9	8.42892	0.000864 mg/L	Y 371.029
P 177.434	-0.000046uv	mg/L	0.005631	12299.2	2.75472	-0.000046 mg/L	Y 371.029
P 213.618	-0.000733uv	mg/L	0.001492	203.4	2.23044	-0.000733 mg/L	Y 371.029
P 214.914	0.001644uv	mg/L	0.002977	181.0	3.04833	0.001644 mg/L	Y 371.029
Pb 220.353	0.002515	mg/L	0.000907	36.1	7.32104	0.002515 mg/L	Y 371.029
Pb 261.417	0.009288uv	mg/L	0.009684	104.3	20.0704	0.009288 mg/L	Y 371.029
Pb 405.781	0.012690	mg/L	0.003344	26.4	73.4369	0.012690 mg/L	Y 371.029
Sb 206.834	-0.005264uv	mg/L	0.004563	86.7	6.72688	-0.005264 mg/L	Y 371.029
Sb 231.146	-0.006851uv	mg/L	0.003608	52.7	4.36944	-0.006851 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.011770	42.7	9.27816	uncal mg/L	Y 371.029
Se 196.026	0.002576uv	mg/L	0.004994	193.9	4.17126	0.002576 mg/L	Y 371.029
Se 203.985	0.013109	mg/L	0.000932	7.1	6.40039	0.013109 mg/L	Y 371.029
Si 250.690	0.052988	mg/L	0.004027	7.6	113.284	0.052988 mg/L	Y 371.029
Si 251.611	0.054086	mg/L	0.000859	1.6	114.954	0.054086 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001317	2.8	1111.49	uncal mg/L	Y 371.029
Sn 189.927	-0.003350uv	mg/L	0.000242	7.2	2.14752	-0.003350 mg/L	Y 371.029
Sn 283.998	0.000677uv	mg/L	0.003068	453.2	14.5797	0.000677 mg/L	Y 371.029
Sr 216.596	0.001134	mg/L	0.000754	66.5	22.0890	0.001134 mg/L	Y 371.029
Sr 407.771	-0.000013uv	mg/L	0.000004	33.3	5389.45	-0.000013 mg/L	Y 371.029
Sr 421.552	-0.000001uv	mg/L	0.000016	1120.7	3273.07	-0.000001 mg/L	Y 371.029
Ti 334.941	0.002162	mg/L	0.002789	129.0	537.608	0.002162 mg/L	Y 371.029
Ti 336.122	0.000607	mg/L	0.000364	59.9	83.2212	0.000607 mg/L	Y 371.029
Ti 337.280	0.001075	mg/L	0.000418	38.8	17.2896	0.001075 mg/L	Y 371.029
Tl 190.794	-0.000890uv	mg/L	0.002745	308.5	2.12792	-0.000890 mg/L	Y 371.029
Tl 190.807	0.006903	mg/L	0.004810	69.7	1.05179	0.006903 mg/L	Y 371.029
Tl 351.923	-0.012079uv	mg/L	0.004982	41.2	6.63111	-0.012079 mg/L	Y 371.029
V 268.796	0.000620	mg/L	0.000675	108.9	29.3505	0.000620 mg/L	Y 371.029
V 292.401	0.000302	mg/L	0.000174	57.6	53.8700	0.000302 mg/L	Y 371.029
V 311.837	0.000711	mg/L	0.000106	14.9	18.3254	0.000711 mg/L	Y 371.029
Zn 202.548	0.002267	mg/L	0.000442	19.5	633.460	0.002267 mg/L	Y 371.029
Zn 206.200	0.003156	mg/L	0.000249	7.9	207.539	0.003156 mg/L	Y 371.029
Zn 213.857	0.001586	mg/L	0.000519	32.7	1183.54	0.001586 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00615	8068.11	21.310	0.3
Y 371.029	0.845145	139370	528.374	0.4

1118055-BS1 (Samp) **4/27/2011, 1:47:51 PM** **Rack 1, Tube 23**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.533668	mg/L	0.001328	0.2	26105.8	0.533668 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001124	0.2	1509.67	uncal mg/L	Y 371.029
Al 237.312	5.18028	mg/L	0.025083	0.5	6414.65	5.18028 mg/L	Y 371.029
Al 257.509	5.20523	mg/L	0.014517	0.3	2982.21	5.20523 mg/L	Y 371.029
Al 308.215	5.25705	mg/L	0.008330	0.2	32452.4	5.25705 mg/L	Y 371.029
As 188.980	1.06518	mg/L	0.004098	0.4	363.584	1.06518 mg/L	Y 371.029
As 193.696	1.07009	mg/L	0.005917	0.6	441.371	1.07009 mg/L	Y 371.029
As 228.812	1.84179	mg/L	0.004322	0.2	3255.08	1.84179 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	1.03135	mg/L	0.014652	1.4	435.257	1.03135 mg/L	Y 371.029
B 249.678	1.01318	mg/L	0.014739	1.5	8623.82	1.01318 mg/L	Y 371.029
B 249.772	1.01121	mg/L	0.016980	1.7	16599.8	1.01121 mg/L	Y 371.029
Ba 233.527	1.04594	mg/L	0.002521	0.2	40294.2	1.04594 mg/L	Y 371.029
Ba 455.403	1.00550	mg/L	0.000738	0.1	883380	1.00550 mg/L	Y 371.029
Ba 493.408	1.02019	mg/L	0.014768	1.4	549089	1.02019 mg/L	Y 371.029
Be 234.861	1.03205	mg/L	0.000538	0.1	119847	1.03205 mg/L	Y 371.029
Be 313.042	1.02875	mg/L	0.004034	0.4	1737351	1.02875 mg/L	Y 371.029
Be 313.107	1.03597	mg/L	0.004338	0.4	861953	1.03597 mg/L	Y 371.029
Ca 393.366	9.12818n	mg/L	0.037440	0.4	10732201	9.12818 mg/L	Y 371.029
Ca 396.847	9.25607	mg/L	0.036180	0.4	18353898	9.25607 mg/L	Y 371.029
Ca 430.253	10.1627	mg/L	0.011671	0.1	44443.2	10.1627 mg/L	Y 371.029
Cd 214.439	1.03854	mg/L	0.014016	1.3	19206.2	1.03854 mg/L	Y 371.029
Cd 226.502	1.04750	mg/L	0.002237	0.2	38045.9	1.04750 mg/L	Y 371.029
Cd 228.802	1.03346	mg/L	0.002028	0.2	14183.2	1.03346 mg/L	Y 371.029
Co 228.615	1.04837	mg/L	0.009576	0.9	8976.82	1.04837 mg/L	Y 371.029
Co 230.786	1.05414	mg/L	0.003949	0.4	6346.04	1.05414 mg/L	Y 371.029
Co 238.892	1.01106	mg/L	0.004718	0.5	5668.36	1.01106 mg/L	Y 371.029
Cr 205.560	1.01316	mg/L	0.004658	0.5	4116.61	1.01316 mg/L	Y 371.029
Cr 206.158	1.03425	mg/L	0.006436	0.6	1691.05	1.03425 mg/L	Y 371.029
Cr 267.716	1.01832	mg/L	0.001792	0.2	22031.4	1.01832 mg/L	Y 371.029
Cu 213.598	1.03794	mg/L	0.003412	0.3	4056.63	1.03794 mg/L	Y 371.029
Cu 324.754	1.01256	mg/L	0.001209	0.1	32569.3	1.01256 mg/L	Y 371.029
Cu 327.395	1.02449	mg/L	0.004274	0.4	43717.8	1.02449 mg/L	Y 371.029
Fe 234.350	5.39735	mg/L	0.022495	0.4	46902.0	5.39735 mg/L	Y 371.029
Fe 238.204	5.35541	mg/L	0.027222	0.5	95733.9	5.35541 mg/L	Y 371.029
Fe 259.940	5.31643	mg/L	0.005652	0.1	78364.6	5.31643 mg/L	Y 371.029
Ga 287.423	1.03510	mg/L	0.001311	0.1	2412.03	1.03510 mg/L	Y 371.029
Ga 294.363	1.03263	mg/L	0.000751	0.1	6173.62	1.03263 mg/L	Y 371.029
Ga 417.204	1.04283	mg/L	0.002855	0.3	9437.59	1.04283 mg/L	Y 371.029
K 766.491	10.4685	mg/L	0.011463	0.1	719833	10.4685 mg/L	Y 371.029
K 769.897	10.2839	mg/L	0.013809	0.1	595170	10.2839 mg/L	Y 371.029
Li 610.365	1.02890	mg/L	0.002223	0.2	50910.8	1.02890 mg/L	Y 371.029
Li 670.783	1.08783	mg/L	0.004162	0.4	3814425	1.08783 mg/L	Y 371.029
Mg 279.078	10.5349	mg/L	0.027507	0.3	16964.8	10.5349 mg/L	Y 371.029
Mg 280.270	10.0557	mg/L	0.022998	0.2	993641	10.0557 mg/L	Y 371.029
Mg 285.213	10.9156	mg/L	0.007129	0.1	386597	10.9156 mg/L	Y 371.029
Mn 257.610	1.01861	mg/L	0.016875	1.7	148911	1.01861 mg/L	Y 371.029
Mn 259.372	1.02234	mg/L	0.014362	1.4	111728	1.02234 mg/L	Y 371.029
Mn 260.568	1.02545	mg/L	0.006296	0.6	18975.8	1.02545 mg/L	Y 371.029
Mo 202.032	1.00222	mg/L	0.028921	2.9	3442.15	1.00222 mg/L	Y 371.029
Mo 203.846	0.968123	mg/L	0.028525	2.9	1446.29	0.968123 mg/L	Y 371.029
Mo 204.598	0.992954	mg/L	0.032810	3.3	1694.05	0.992954 mg/L	Y 371.029
Na 568.821	9.88307	mg/L	0.072900	0.7	2691.11	9.88307 mg/L	Y 371.029
Na 588.995	10.7105	mg/L	0.094331	0.9	6338778	10.7105 mg/L	Y 371.029
Na 589.592	11.0032	mg/L	0.016319	0.1	3416052	11.0032 mg/L	Y 371.029
Ni 216.555	1.03881	mg/L	0.002453	0.2	5271.31	1.03881 mg/L	Y 371.029
Ni 221.648	1.02909	mg/L	0.002125	0.2	2072.55	1.02909 mg/L	Y 371.029
Ni 231.604	1.04174	mg/L	0.000959	0.1	3512.14	1.04174 mg/L	Y 371.029
P 177.434	1.07054	mg/L	0.001542	0.1	162.052	1.07054 mg/L	Y 371.029
P 213.618	1.05456	mg/L	0.008309	0.8	713.907	1.05456 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	1.09005	mg/L	0.023584	2.2	197.759	1.09005 mg/L	Y 371.029
Pb 220.353	1.04408	mg/L	0.006244	0.6	1139.38	1.04408 mg/L	Y 371.029
Pb 261.417	0.779019	mg/L	0.004115	0.5	400.735	0.779019 mg/L	Y 371.029
Pb 405.781	1.01263	mg/L	0.001911	0.2	1343.60	1.01263 mg/L	Y 371.029
Sb 206.834	1.21394	mg/L	0.007860	0.6	689.129	1.21394 mg/L	Y 371.029
Sb 231.146	1.30050	mg/L	0.009863	0.8	545.099	1.30050 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.039387	3.5	352.916	uncal mg/L	Y 371.029
Se 196.026	1.01735	mg/L	0.028098	2.8	300.920	1.01735 mg/L	Y 371.029
Se 203.985	1.04803	mg/L	0.036197	3.5	191.073	1.04803 mg/L	Y 371.029
Si 250.690	1.10201	mg/L	0.004565	0.4	1447.79	1.10201 mg/L	Y 371.029
Si 251.611	1.07014	mg/L	0.004223	0.4	1598.36	1.07014 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001676	0.2	8710.03	uncal mg/L	Y 371.029
Sn 189.927	1.02849	mg/L	0.005942	0.6	308.193	1.02849 mg/L	Y 371.029
Sn 283.998	0.996270	mg/L	0.005097	0.5	2434.12	0.996270 mg/L	Y 371.029
Sr 216.596	1.07377	mg/L	0.001368	0.1	8415.43	1.07377 mg/L	Y 371.029
Sr 407.771	1.02727	mg/L	0.006130	0.6	2587254	1.02727 mg/L	Y 371.029
Sr 421.552	1.02548	mg/L	0.003196	0.3	1677614	1.02548 mg/L	Y 371.029
Ti 334.941	1.02320	mg/L	0.003599	0.4	218929	1.02320 mg/L	Y 371.029
Ti 336.122	1.01793	mg/L	0.002444	0.2	91624.2	1.01793 mg/L	Y 371.029
Ti 337.280	1.03267	mg/L	0.001806	0.2	31571.9	1.03267 mg/L	Y 371.029
Tl 190.794	1.03492	mg/L	0.002556	0.2	361.086	1.03492 mg/L	Y 371.029
Tl 190.807	1.04693	mg/L	0.007988	0.8	181.996	1.04693 mg/L	Y 371.029
Tl 351.923	1.02346	mg/L	0.000686	0.1	1653.43	1.02346 mg/L	Y 371.029
V 268.796	1.00294	mg/L	0.006137	0.6	9450.51	1.00294 mg/L	Y 371.029
V 292.401	1.02853	mg/L	0.001618	0.2	30763.9	1.02853 mg/L	Y 371.029
V 311.837	1.03273	mg/L	0.001494	0.1	42154.1	1.03273 mg/L	Y 371.029
Zn 202.548	1.03805	mg/L	0.007577	0.7	9759.42	1.03805 mg/L	Y 371.029
Zn 206.200	1.02881	mg/L	0.006933	0.7	3181.29	1.02881 mg/L	Y 371.029
Zn 213.857	1.03068	mg/L	0.018158	1.8	18419.9	1.03068 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02934	8254.01	47.246	0.6
Y 371.029	0.861854	142126	821.800	0.6

11D1234-01 (Samp) **4/27/2011, 1:52:05 PM** **Rack 1, Tube 24**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001828	mg/L	0.000331	18.1	486.847	-0.001828 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001999	397.8	-3.04673	uncal mg/L	Y 371.029
Al 237.312	0.050452	mg/L	0.001335	2.6	122.180	0.050452 mg/L	Y 371.029
Al 257.509	0.056908	mg/L	0.009939	17.5	51.1441	0.056908 mg/L	Y 371.029
Al 308.215	0.053952	mg/L	0.001958	3.6	1488.07	0.053952 mg/L	Y 371.029
As 188.980	0.007809	mg/L	0.002336	29.9	7.05748	0.007809 mg/L	Y 371.029
As 193.696	0.007458	mg/L	0.002125	28.5	4.08054	0.007458 mg/L	Y 371.029
As 228.812	0.005049	mg/L	0.002832	56.1	13.2493	0.005049 mg/L	Y 371.029
B 182.577	0.079284	mg/L	0.004618	5.8	38.4347	0.079284 mg/L	Y 371.029
B 249.678	0.079582	mg/L	0.002245	2.8	740.423	0.079582 mg/L	Y 371.029
B 249.772	0.081109	mg/L	0.002668	3.3	1418.04	0.081109 mg/L	Y 371.029
Ba 233.527	0.053096	mg/L	0.000611	1.2	2261.69	0.053096 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.052583	mg/L	0.000619	1.2	51019.3	0.052583 mg/L	Y 371.029
Ba 493.408	0.051950	mg/L	0.000607	1.2	30938.6	0.051950 mg/L	Y 371.029
Be 234.861	0.000053	mg/L	0.000009	16.8	1.98674	0.000053 mg/L	Y 371.029
Be 313.042	0.000016	mg/L	0.000007	45.4	343.492	0.000016 mg/L	Y 371.029
Be 313.107	0.000015	mg/L	0.000007	47.6	98.0375	0.000015 mg/L	Y 371.029
Ca 393.366	-on	mg/L	1.13470	3.3	40852284	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.324282	1.4	44348204	- mg/L	Y 371.029
Ca 430.253	65.5808	mg/L	0.922728	1.4	279412	65.5808 mg/L	Y 371.029
Cd 214.439	0.000325	mg/L	0.000124	38.1	6.22638	0.000325 mg/L	Y 371.029
Cd 226.502	-0.000178uv	mg/L	0.000087	49.0	21.4967	-0.000178 mg/L	Y 371.029
Cd 228.802	0.000081uv	mg/L	0.000319	395.9	17.8771	0.000081 mg/L	Y 371.029
Co 228.615	0.001974	mg/L	0.000147	7.4	11.7805	0.001974 mg/L	Y 371.029
Co 230.786	0.000354	mg/L	0.000240	67.8	9.00449	0.000354 mg/L	Y 371.029
Co 238.892	-0.000697uv	mg/L	0.000094	13.5	1.91898	-0.000697 mg/L	Y 371.029
Cr 205.560	0.001220	mg/L	0.000170	13.9	13.0226	0.001220 mg/L	Y 371.029
Cr 206.158	0.002222	mg/L	0.001486	66.9	5.16136	0.002222 mg/L	Y 371.029
Cr 267.716	0.001500	mg/L	0.000119	7.9	69.6546	0.001500 mg/L	Y 371.029
Cu 213.598	-0.000206	mg/L	0.000587	284.3	4.20506	-0.000206 mg/L	Y 371.029
Cu 324.754	0.002141uv	mg/L	0.000147	6.8	347.766	0.002141 mg/L	Y 371.029
Cu 327.395	0.000508	mg/L	0.000629	123.6	69.0640	0.000508 mg/L	Y 371.029
Fe 234.350	0.054517	mg/L	0.001305	2.4	620.173	0.054517 mg/L	Y 371.029
Fe 238.204	0.052702	mg/L	0.001237	2.3	1292.24	0.052702 mg/L	Y 371.029
Fe 259.940	0.050941	mg/L	0.001302	2.6	968.042	0.050941 mg/L	Y 371.029
Ga 287.423	-0.002923uv	mg/L	0.002746	93.9	13.1169	-0.002923 mg/L	Y 371.029
Ga 294.363	0.003639	mg/L	0.001125	30.9	18.9666	0.003639 mg/L	Y 371.029
Ga 417.204	-0.001079uv	mg/L	0.000989	91.7	85.4270	-0.001079 mg/L	Y 371.029
K 766.491	4.56656	mg/L	0.055040	1.2	315573	4.56656 mg/L	Y 371.029
K 769.897	4.37407	mg/L	0.052136	1.2	260842	4.37407 mg/L	Y 371.029
Li 610.365	0.013079	mg/L	0.000219	1.7	83.8648	0.013079 mg/L	Y 371.029
Li 670.783	0.012754	mg/L	0.000318	2.5	114223	0.012754 mg/L	Y 371.029
Mg 279.078	14.2892	mg/L	0.180121	1.3	23005.6	14.2892 mg/L	Y 371.029
Mg 280.270	13.5760	mg/L	0.274487	2.0	1341335	13.5760 mg/L	Y 371.029
Mg 285.213	14.7717	mg/L	0.250379	1.7	523082	14.7717 mg/L	Y 371.029
Mn 257.610	0.001520	mg/L	0.000040	2.6	266.355	0.001520 mg/L	Y 371.029
Mn 259.372	-0.000152	mg/L	0.000044	29.1	262.319	-0.000152 mg/L	Y 371.029
Mn 260.568	0.000110	mg/L	0.000101	91.6	97.3875	0.000110 mg/L	Y 371.029
Mo 202.032	0.013934	mg/L	0.003942	28.3	114.548	0.013934 mg/L	Y 371.029
Mo 203.846	0.015885	mg/L	0.004739	29.8	45.9174	0.015885 mg/L	Y 371.029
Mo 204.598	0.014432	mg/L	0.004107	28.5	50.3423	0.014432 mg/L	Y 371.029
Na 568.821	16.6878	mg/L	0.189699	1.1	4507.45	16.6878 mg/L	Y 371.029
Na 588.995	17.6735	mg/L	0.245877	1.4	10246657	17.6735 mg/L	Y 371.029
Na 589.592	17.6003	mg/L	0.235064	1.3	5404059	17.6003 mg/L	Y 371.029
Ni 216.555	0.002539	mg/L	0.000400	15.8	15.0420	0.002539 mg/L	Y 371.029
Ni 221.648	0.001788	mg/L	0.002285	127.8	6.61611	0.001788 mg/L	Y 371.029
Ni 231.604	0.002739	mg/L	0.000499	18.2	19.6126	0.002739 mg/L	Y 371.029
P 177.434	0.010011uv	mg/L	0.008866	88.6	4.10774	0.010011 mg/L	Y 371.029
P 213.618	0.005001	mg/L	0.003998	79.9	8.49342	0.005001 mg/L	Y 371.029
P 214.914	0.024316	mg/L	0.006094	25.1	7.37455	0.024316 mg/L	Y 371.029
Pb 220.353	0.000441	mg/L	0.000356	80.8	6.19477	0.000441 mg/L	Y 371.029
Pb 261.417	-0.000543uv	mg/L	0.004120	758.5	15.2815	-0.000543 mg/L	Y 371.029
Pb 405.781	-0.001811	mg/L	0.003389	187.1	82.1309	-0.001811 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.003282	mg/L	0.002136	65.1	11.9305	-0.003282 mg/L	Y 371.029
Sb 231.146	-0.025884uv	mg/L	0.010488	40.5	5.08877	-0.025884 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.006464	10.4	6.72614	uncal mg/L	Y 371.029
Se 196.026	0.017121	mg/L	0.003920	22.9	10.0655	0.017121 mg/L	Y 371.029
Se 203.985	0.016833	mg/L	0.007890	46.9	5.49880	0.016833 mg/L	Y 371.029
Si 250.690	10.3784	mg/L	0.221863	2.1	13069.9	10.3784 mg/L	Y 371.029
Si 251.611	10.2035	mg/L	0.215555	2.1	14633.9	10.2035 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.204608	2.0	76701.3	uncal mg/L	Y 371.029
Sn 189.927	0.000303uv	mg/L	0.002000	659.6	2.98939	0.000303 mg/L	Y 371.029
Sn 283.998	-0.004306	mg/L	0.001594	37.0	17.6768	-0.004306 mg/L	Y 371.029
Sr 216.596	0.377472	mg/L	0.004136	1.1	2976.06	0.377472 mg/L	Y 371.029
Sr 407.771	0.353903	mg/L	0.003861	1.1	898736	0.353903 mg/L	Y 371.029
Sr 421.552	0.356567	mg/L	0.008143	2.3	587951	0.356567 mg/L	Y 371.029
Ti 334.941	0.003539	mg/L	0.000726	20.5	875.471	0.003539 mg/L	Y 371.029
Ti 336.122	0.003161	mg/L	0.000528	16.7	309.916	0.003161 mg/L	Y 371.029
Ti 337.280	0.003362	mg/L	0.000613	18.2	103.823	0.003362 mg/L	Y 371.029
Tl 190.794	0.004835	mg/L	0.001577	32.6	3.33989	0.004835 mg/L	Y 371.029
Tl 190.807	0.011127	mg/L	0.005442	48.9	1.18537	0.011127 mg/L	Y 371.029
Tl 351.923	-0.006502uv	mg/L	0.007505	115.4	19.1652	-0.006502 mg/L	Y 371.029
V 268.796	0.004996	mg/L	0.000817	16.4	108.774	0.004996 mg/L	Y 371.029
V 292.401	0.005587	mg/L	0.000265	4.7	215.909	0.005587 mg/L	Y 371.029
V 311.837	0.005889	mg/L	0.000297	5.0	233.745	0.005889 mg/L	Y 371.029
Zn 202.548	0.101971	mg/L	0.001900	1.9	1562.47	0.101971 mg/L	Y 371.029
Zn 206.200	0.102877	mg/L	0.001357	1.3	518.471	0.102877 mg/L	Y 371.029
Zn 213.857	0.104084	mg/L	0.000547	0.5	3008.67	0.104084 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02483	8217.89	72.624	0.9
Y 371.029	0.855705	141112	1430.453	1.0

1118055-DUP1 (Samp) **4/27/2011, 1:56:04 PM** **Rack 1, Tube 25**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001581uv	mg/L	0.001105	69.9	496.342	-0.001581 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000561	221.6	-3.74715	uncal mg/L	Y 371.029
Al 237.312	0.056813	mg/L	0.007823	13.8	129.703	0.056813 mg/L	Y 371.029
Al 257.509	0.065334	mg/L	0.012308	18.8	55.9435	0.065334 mg/L	Y 371.029
Al 308.215	0.061925	mg/L	0.000769	1.2	1536.50	0.061925 mg/L	Y 371.029
As 188.980	0.003821uv	mg/L	0.005431	142.1	5.72785	0.003821 mg/L	Y 371.029
As 193.696	0.005351uv	mg/L	0.003801	71.0	3.23137	0.005351 mg/L	Y 371.029
As 228.812	0.009417uv	mg/L	0.008315	88.3	17.3370	0.009417 mg/L	Y 371.029
B 182.577	0.069055	mg/L	0.001852	2.7	34.1374	0.069055 mg/L	Y 371.029
B 249.678	0.067036	mg/L	0.000320	0.5	633.852	0.067036 mg/L	Y 371.029
B 249.772	0.068374	mg/L	0.000030	0.0	1210.10	0.068374 mg/L	Y 371.029
Ba 233.527	0.051688	mg/L	0.000055	0.1	2206.56	0.051688 mg/L	Y 371.029
Ba 455.403	0.051177	mg/L	0.000123	0.2	49766.9	0.051177 mg/L	Y 371.029
Ba 493.408	0.050437	mg/L	0.000115	0.2	30113.6	0.050437 mg/L	Y 371.029
Be 234.861	0.000059	mg/L	0.000009	14.5	2.62332	0.000059 mg/L	Y 371.029
Be 313.042	0.000023	mg/L	0.000003	10.9	357.426	0.000023 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000013	mg/L	0.000018	140.9	96.5285	0.000013 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.576226	1.6	41475740	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.060957	0.3	44426812	- mg/L	Y 371.029
Ca 430.253	64.0899	mg/L	0.039386	0.1	273086	64.0899 mg/L	Y 371.029
Cd 214.439	0.000147	mg/L	0.000102	69.4	2.93983	0.000147 mg/L	Y 371.029
Cd 226.502	-0.000114	mg/L	0.000031	27.7	23.7050	-0.000114 mg/L	Y 371.029
Cd 228.802	0.000214	mg/L	0.000186	86.9	19.7019	0.000214 mg/L	Y 371.029
Co 228.615	0.001859	mg/L	0.000311	16.7	10.8716	0.001859 mg/L	Y 371.029
Co 230.786	0.000434uv	mg/L	0.000702	161.9	9.43923	0.000434 mg/L	Y 371.029
Co 238.892	-0.000457uv	mg/L	0.000140	30.7	3.22821	-0.000457 mg/L	Y 371.029
Cr 205.560	0.000918	mg/L	0.000383	41.8	11.7356	0.000918 mg/L	Y 371.029
Cr 206.158	0.002687	mg/L	0.000316	11.8	5.92113	0.002687 mg/L	Y 371.029
Cr 267.716	0.001386	mg/L	0.000113	8.1	66.9951	0.001386 mg/L	Y 371.029
Cu 213.598	-0.000139	mg/L	0.000509	365.3	4.19751	-0.000139 mg/L	Y 371.029
Cu 324.754	0.002321	mg/L	0.000141	6.1	355.007	0.002321 mg/L	Y 371.029
Cu 327.395	-0.000033uv	mg/L	0.000602	1849.6	45.3608	-0.000033 mg/L	Y 371.029
Fe 234.350	0.049969	mg/L	0.000490	1.0	577.862	0.049969 mg/L	Y 371.029
Fe 238.204	0.048032	mg/L	0.000071	0.1	1202.06	0.048032 mg/L	Y 371.029
Fe 259.940	0.046135	mg/L	0.000326	0.7	893.911	0.046135 mg/L	Y 371.029
Ga 287.423	-0.003646uv	mg/L	0.003194	87.6	11.4228	-0.003646 mg/L	Y 371.029
Ga 294.363	0.004041	mg/L	0.000318	7.9	21.4788	0.004041 mg/L	Y 371.029
Ga 417.204	-0.002639uv	mg/L	0.002853	108.1	72.0623	-0.002639 mg/L	Y 371.029
K 766.491	4.42937	mg/L	0.004632	0.1	306157	4.42937 mg/L	Y 371.029
K 769.897	4.23935	mg/L	0.006733	0.2	253194	4.23935 mg/L	Y 371.029
Li 610.365	0.012968	mg/L	0.000244	1.9	78.3121	0.012968 mg/L	Y 371.029
Li 670.783	0.012668	mg/L	0.000040	0.3	113844	0.012668 mg/L	Y 371.029
Mg 279.078	13.9396	mg/L	0.044696	0.3	22443.1	13.9396 mg/L	Y 371.029
Mg 280.270	13.2724	mg/L	0.110000	0.8	1311342	13.2724 mg/L	Y 371.029
Mg 285.213	14.6212	mg/L	0.131524	0.9	517757	14.6212 mg/L	Y 371.029
Mn 257.610	0.001260	mg/L	0.000016	1.3	230.620	0.001260 mg/L	Y 371.029
Mn 259.372	-0.000361	mg/L	0.000048	13.3	224.581	-0.000361 mg/L	Y 371.029
Mn 260.568	-0.000006	mg/L	0.000164	2562.3	93.1719	-0.000006 mg/L	Y 371.029
Mo 202.032	-0.003022	mg/L	0.001661	55.0	55.8396	-0.003022 mg/L	Y 371.029
Mo 203.846	-0.001889	mg/L	0.001544	81.8	19.0582	-0.001889 mg/L	Y 371.029
Mo 204.598	-0.003288	mg/L	0.002268	69.0	19.7603	-0.003288 mg/L	Y 371.029
Na 568.821	16.2082	mg/L	0.103203	0.6	4381.22	16.2082 mg/L	Y 371.029
Na 588.995	17.3181	mg/L	0.036818	0.2	10047138	17.3181 mg/L	Y 371.029
Na 589.592	17.2014	mg/L	0.034698	0.2	5283711	17.2014 mg/L	Y 371.029
Ni 216.555	0.000112	mg/L	0.000283	253.0	2.74236	0.000112 mg/L	Y 371.029
Ni 221.648	0.001679	mg/L	0.001098	65.4	6.37054	0.001679 mg/L	Y 371.029
Ni 231.604	0.001284	mg/L	0.000792	61.7	14.6175	0.001284 mg/L	Y 371.029
P 177.434	0.008393	mg/L	0.003447	41.1	3.87225	0.008393 mg/L	Y 371.029
P 213.618	0.009295	mg/L	0.001388	14.9	11.2155	0.009295 mg/L	Y 371.029
P 214.914	0.021100	mg/L	0.014982	71.0	6.79291	0.021100 mg/L	Y 371.029
Pb 220.353	0.003870	mg/L	0.001031	26.6	9.89323	0.003870 mg/L	Y 371.029
Pb 261.417	0.005907	mg/L	0.004223	71.5	18.4701	0.005907 mg/L	Y 371.029
Pb 405.781	0.009013	mg/L	0.011779	130.7	95.0577	0.009013 mg/L	Y 371.029
Sb 206.834	-0.008105uv	mg/L	0.003200	39.5	9.15656	-0.008105 mg/L	Y 371.029
Sb 231.146	-0.021514uv	mg/L	0.005757	26.8	6.68144	-0.021514 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.007273	10.7	4.85340	uncal mg/L	Y 371.029
Se 196.026	0.006519	mg/L	0.000719	11.0	6.93595	0.006519 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.005717uv	mg/L	0.006869	120.2	3.74955	0.005717 mg/L	Y 371.029
Si 250.690	10.3224	mg/L	0.145987	1.4	12999.6	10.3224 mg/L	Y 371.029
Si 251.611	10.1355	mg/L	0.154953	1.5	14534.8	10.1355 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.135867	1.3	76769.7	uncal mg/L	Y 371.029
Sn 189.927	0.001243uv	mg/L	0.004463	358.9	3.27286	0.001243 mg/L	Y 371.029
Sn 283.998	-0.004599uv	mg/L	0.005893	128.1	17.5141	-0.004599 mg/L	Y 371.029
Sr 216.596	0.367804	mg/L	0.001189	0.3	2900.22	0.367804 mg/L	Y 371.029
Sr 407.771	0.345121	mg/L	0.001706	0.5	876581	0.345121 mg/L	Y 371.029
Sr 421.552	0.347814	mg/L	0.001024	0.3	573606	0.347814 mg/L	Y 371.029
Ti 334.941	0.002220	mg/L	0.000287	12.9	592.866	0.002220 mg/L	Y 371.029
Ti 336.122	0.001804	mg/L	0.000351	19.5	188.011	0.001804 mg/L	Y 371.029
Ti 337.280	0.002093	mg/L	0.000425	20.3	64.6667	0.002093 mg/L	Y 371.029
Tl 190.794	0.001365uv	mg/L	0.000838	61.4	2.16064	0.001365 mg/L	Y 371.029
Tl 190.807	0.012483	mg/L	0.005220	41.8	1.40260	0.012483 mg/L	Y 371.029
Tl 351.923	-0.002695uv	mg/L	0.003926	145.7	25.1401	-0.002695 mg/L	Y 371.029
V 268.796	0.004928	mg/L	0.000187	3.8	88.4004	0.004928 mg/L	Y 371.029
V 292.401	0.005455	mg/L	0.000261	4.8	211.907	0.005455 mg/L	Y 371.029
V 311.837	0.005445	mg/L	0.000051	0.9	215.611	0.005445 mg/L	Y 371.029
Zn 202.548	0.099661	mg/L	0.000935	0.9	1540.85	0.099661 mg/L	Y 371.029
Zn 206.200	0.099630	mg/L	0.001135	1.1	508.518	0.099630 mg/L	Y 371.029
Zn 213.857	0.100536	mg/L	0.001679	1.7	2946.81	0.100536 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02126	8189.30	3.355	0.0
Y 371.029	0.851417	140405	361.449	0.3

1118055-MS1 (Samp) **4/27/2011, 2:00:00 PM** **Rack 1, Tube 26**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.537367	mg/L	0.004281	0.8	26380.2	0.537367 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002131	0.4	1525.53	uncal mg/L	Y 371.029
Al 237.312	5.26252	mg/L	0.006135	0.1	6527.27	5.26252 mg/L	Y 371.029
Al 257.509	5.27837	mg/L	0.025647	0.5	3023.91	5.27837 mg/L	Y 371.029
Al 308.215	5.30878	mg/L	0.010103	0.2	32678.6	5.30878 mg/L	Y 371.029
As 188.980	1.07465	mg/L	0.000363	0.0	366.228	1.07465 mg/L	Y 371.029
As 193.696	1.08140	mg/L	0.013369	1.2	445.426	1.08140 mg/L	Y 371.029
As 228.812	1.83206	mg/L	0.045796	2.5	3235.66	1.83206 mg/L	Y 371.029
B 182.577	1.09978	mg/L	0.017579	1.6	465.043	1.09978 mg/L	Y 371.029
B 249.678	1.09355	mg/L	0.016182	1.5	9328.04	1.09355 mg/L	Y 371.029
B 249.772	1.09146	mg/L	0.015277	1.4	17937.0	1.09146 mg/L	Y 371.029
Ba 233.527	1.09170	mg/L	0.000363	0.0	42097.9	1.09170 mg/L	Y 371.029
Ba 455.403	1.05035	mg/L	0.002055	0.2	923590	1.05035 mg/L	Y 371.029
Ba 493.408	1.04701	mg/L	0.000561	0.1	564069	1.04701 mg/L	Y 371.029
Be 234.861	1.03751	mg/L	0.004200	0.4	120481	1.03751 mg/L	Y 371.029
Be 313.042	1.02762	mg/L	0.002879	0.3	1735435	1.02762 mg/L	Y 371.029
Be 313.107	1.03488	mg/L	0.002404	0.2	861044	1.03488 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.045555	0.1	42232304	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.008947	0.0	43905284	- mg/L	Y 371.029
Ca 430.253	73.9603	mg/L	0.115270	0.2	315091	73.9603 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	1.02797	mg/L	0.015497	1.5	19010.7	1.02797 mg/L	Y 371.029
Cd 226.502	1.04330	mg/L	0.002053	0.2	37899.0	1.04330 mg/L	Y 371.029
Cd 228.802	1.02807	mg/L	0.005124	0.5	14109.0	1.02807 mg/L	Y 371.029
Co 228.615	1.03613	mg/L	0.009106	0.9	8869.99	1.03613 mg/L	Y 371.029
Co 230.786	1.04712	mg/L	0.001850	0.2	6304.51	1.04712 mg/L	Y 371.029
Co 238.892	1.00393	mg/L	0.009220	0.9	5630.13	1.00393 mg/L	Y 371.029
Cr 205.560	1.00875	mg/L	0.005418	0.5	4101.55	1.00875 mg/L	Y 371.029
Cr 206.158	1.03357	mg/L	0.007752	0.7	1689.99	1.03357 mg/L	Y 371.029
Cr 267.716	1.01753	mg/L	0.002037	0.2	22025.2	1.01753 mg/L	Y 371.029
Cu 213.598	1.02591	mg/L	0.010171	1.0	4013.54	1.02591 mg/L	Y 371.029
Cu 324.754	1.02040	mg/L	0.002443	0.2	32755.6	1.02040 mg/L	Y 371.029
Cu 327.395	1.02239	mg/L	0.004136	0.4	43656.2	1.02239 mg/L	Y 371.029
Fe 234.350	5.43105	mg/L	0.007515	0.1	47324.3	5.43105 mg/L	Y 371.029
Fe 238.204	5.33798	mg/L	0.021799	0.4	95731.9	5.33798 mg/L	Y 371.029
Fe 259.940	5.37902	mg/L	0.059724	1.1	79444.8	5.37902 mg/L	Y 371.029
Ga 287.423	1.03524	mg/L	0.002286	0.2	2414.36	1.03524 mg/L	Y 371.029
Ga 294.363	1.03792	mg/L	0.002505	0.2	6198.44	1.03792 mg/L	Y 371.029
Ga 417.204	1.04293	mg/L	0.002480	0.2	9424.37	1.04293 mg/L	Y 371.029
K 766.491	14.7296	mg/L	0.063621	0.4	1012425	14.7296 mg/L	Y 371.029
K 769.897	14.6720	mg/L	0.053485	0.4	844352	14.6720 mg/L	Y 371.029
Li 610.365	1.00174	mg/L	0.001808	0.2	49551.4	1.00174 mg/L	Y 371.029
Li 670.783	1.09213	mg/L	0.001827	0.2	3832429	1.09213 mg/L	Y 371.029
Mg 279.078	24.3625	mg/L	0.049568	0.2	39214.0	24.3625 mg/L	Y 371.029
Mg 280.270	22.4852	mg/L	0.138638	0.6	2221431	22.4852 mg/L	Y 371.029
Mg 285.213	24.6830	mg/L	0.399255	1.6	874015	24.6830 mg/L	Y 371.029
Mn 257.610	1.01129	mg/L	0.004978	0.5	147899	1.01129 mg/L	Y 371.029
Mn 259.372	1.01110	mg/L	0.006056	0.6	110750	1.01110 mg/L	Y 371.029
Mn 260.568	1.02198	mg/L	0.002796	0.3	18997.2	1.02198 mg/L	Y 371.029
Mo 202.032	1.03065	mg/L	0.020441	2.0	3584.18	1.03065 mg/L	Y 371.029
Mo 203.846	0.998012	mg/L	0.019375	1.9	1510.75	0.998012 mg/L	Y 371.029
Mo 204.598	1.02658	mg/L	0.019771	1.9	1773.99	1.02658 mg/L	Y 371.029
Na 568.821	26.0449	mg/L	0.146215	0.6	6960.15	26.0449 mg/L	Y 371.029
Na 588.995	26.7285	mg/L	0.025705	0.1	15332181	26.7285 mg/L	Y 371.029
Na 589.592	27.4712	mg/L	0.026676	0.1	8383804	27.4712 mg/L	Y 371.029
Ni 216.555	1.03175	mg/L	0.005231	0.5	5237.34	1.03175 mg/L	Y 371.029
Ni 221.648	1.01778	mg/L	0.001495	0.1	2050.71	1.01778 mg/L	Y 371.029
Ni 231.604	1.03505	mg/L	0.003081	0.3	3494.42	1.03505 mg/L	Y 371.029
P 177.434	1.10751	mg/L	0.018081	1.6	167.385	1.10751 mg/L	Y 371.029
P 213.618	1.07648	mg/L	0.003759	0.3	730.457	1.07648 mg/L	Y 371.029
P 214.914	1.12427	mg/L	0.022539	2.0	203.968	1.12427 mg/L	Y 371.029
Pb 220.353	1.04001	mg/L	0.003902	0.4	1136.05	1.04001 mg/L	Y 371.029
Pb 261.417	0.777961	mg/L	0.013325	1.7	400.369	0.777961 mg/L	Y 371.029
Pb 405.781	1.00929	mg/L	0.005239	0.5	1365.35	1.00929 mg/L	Y 371.029
Sb 206.834	1.20994	mg/L	0.002681	0.2	690.889	1.20994 mg/L	Y 371.029
Sb 231.146	1.28307	mg/L	0.010289	0.8	546.161	1.28307 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.021983	2.0	352.115	uncal mg/L	Y 371.029
Se 196.026	1.03648	mg/L	0.025226	2.4	308.078	1.03648 mg/L	Y 371.029
Se 203.985	1.05873	mg/L	0.032691	3.1	191.302	1.05873 mg/L	Y 371.029
Si 250.690	11.2135	mg/L	0.014825	0.1	14136.0	11.2135 mg/L	Y 371.029
Si 251.611	10.9987	mg/L	0.015765	0.1	15800.1	10.9987 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.129472	1.2	82308.2	uncal mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	1.04257	mg/L	0.006505	0.6	312.151	1.04257 mg/L	Y 371.029
Sn 283.998	1.00346	mg/L	0.003637	0.4	2451.34	1.00346 mg/L	Y 371.029
Sr 216.596	1.42321	mg/L	0.005933	0.4	11158.7	1.42321 mg/L	Y 371.029
Sr 407.771	1.36349	mg/L	0.008762	0.6	3435979	1.36349 mg/L	Y 371.029
Sr 421.552	1.37151	mg/L	0.006884	0.5	2244990	1.37151 mg/L	Y 371.029
Ti 334.941	1.02835	mg/L	0.003580	0.3	220072	1.02835 mg/L	Y 371.029
Ti 336.122	1.02161	mg/L	0.003719	0.4	91952.7	1.02161 mg/L	Y 371.029
Ti 337.280	1.03843	mg/L	0.000852	0.1	31763.8	1.03843 mg/L	Y 371.029
Tl 190.794	1.03198	mg/L	0.001559	0.2	359.326	1.03198 mg/L	Y 371.029
Tl 190.807	1.04201	mg/L	0.016792	1.6	180.610	1.04201 mg/L	Y 371.029
Tl 351.923	1.03018	mg/L	0.005400	0.5	1667.62	1.03018 mg/L	Y 371.029
V 268.796	1.00577	mg/L	0.005600	0.6	9536.73	1.00577 mg/L	Y 371.029
V 292.401	1.03313	mg/L	0.000609	0.1	30905.6	1.03313 mg/L	Y 371.029
V 311.837	1.03789	mg/L	0.002200	0.2	42368.8	1.03789 mg/L	Y 371.029
Zn 202.548	1.12423	mg/L	0.010682	1.0	10568.4	1.12423 mg/L	Y 371.029
Zn 206.200	1.12469	mg/L	0.002152	0.2	3480.52	1.12469 mg/L	Y 371.029
Zn 213.857	1.12153	mg/L	0.014716	1.3	20047.7	1.12153 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02855	8247.73	9.119	0.1
Y 371.029	0.859742	141778	56.694	0.0

1118055-MSD1 (Samp) **4/27/2011, 2:04:14 PM** **Rack 1, Tube 27**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.521667	mg/L	0.001945	0.4	25628.3	0.521667 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.003078	0.6	1476.35	uncal mg/L	Y 371.029
Al 237.312	5.19218	mg/L	0.006279	0.1	6441.09	5.19218 mg/L	Y 371.029
Al 257.509	5.20271	mg/L	0.037345	0.7	2980.82	5.20271 mg/L	Y 371.029
Al 308.215	5.26102	mg/L	0.005136	0.1	32394.5	5.26102 mg/L	Y 371.029
As 188.980	1.06941	mg/L	0.004393	0.4	364.455	1.06941 mg/L	Y 371.029
As 193.696	1.07247	mg/L	0.002727	0.3	441.740	1.07247 mg/L	Y 371.029
As 228.812	1.83523	mg/L	0.028952	1.6	3227.15	1.83523 mg/L	Y 371.029
B 182.577	1.10252	mg/L	0.009406	0.9	466.208	1.10252 mg/L	Y 371.029
B 249.678	1.09622	mg/L	0.015573	1.4	9350.85	1.09622 mg/L	Y 371.029
B 249.772	1.09397	mg/L	0.013611	1.2	17977.7	1.09397 mg/L	Y 371.029
Ba 233.527	1.08468	mg/L	0.003338	0.3	41829.5	1.08468 mg/L	Y 371.029
Ba 455.403	1.04299	mg/L	0.001185	0.1	917168	1.04299 mg/L	Y 371.029
Ba 493.408	1.04130	mg/L	0.002294	0.2	561020	1.04130 mg/L	Y 371.029
Be 234.861	1.02999	mg/L	0.000257	0.0	119607	1.02999 mg/L	Y 371.029
Be 313.042	1.01937	mg/L	0.003108	0.3	1721504	1.01937 mg/L	Y 371.029
Be 313.107	1.02685	mg/L	0.002923	0.3	854364	1.02685 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.558484	1.5	43300380	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.383626	1.7	44993740	- mg/L	Y 371.029
Ca 430.253	75.2369	mg/L	0.278181	0.4	320506	75.2369 mg/L	Y 371.029
Cd 214.439	1.01725	mg/L	0.009058	0.9	18812.4	1.01725 mg/L	Y 371.029
Cd 226.502	1.03196	mg/L	0.004036	0.4	37487.5	1.03196 mg/L	Y 371.029
Cd 228.802	1.02099	mg/L	0.003377	0.3	14011.9	1.02099 mg/L	Y 371.029
Co 228.615	1.04214	mg/L	0.001094	0.1	8921.31	1.04214 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	1.03962	mg/L	0.001979	0.2	6259.40	1.03962 mg/L	Y 371.029
Co 238.892	0.991789	mg/L	0.008658	0.9	5562.05	0.991789 mg/L	Y 371.029
Cr 205.560	0.999376	mg/L	0.003775	0.4	4063.56	0.999376 mg/L	Y 371.029
Cr 206.158	1.02202	mg/L	0.004186	0.4	1671.12	1.02202 mg/L	Y 371.029
Cr 267.716	1.00925	mg/L	0.003254	0.3	21846.2	1.00925 mg/L	Y 371.029
Cu 213.598	1.01713	mg/L	0.006068	0.6	3979.53	1.01713 mg/L	Y 371.029
Cu 324.754	1.00922	mg/L	0.002642	0.3	32398.3	1.00922 mg/L	Y 371.029
Cu 327.395	1.01560	mg/L	0.002481	0.2	43367.1	1.01560 mg/L	Y 371.029
Fe 234.350	5.38346	mg/L	0.021577	0.4	46912.3	5.38346 mg/L	Y 371.029
Fe 238.204	5.29650	mg/L	0.054117	1.0	94994.9	5.29650 mg/L	Y 371.029
Fe 259.940	5.30728	mg/L	0.001561	0.0	78392.3	5.30728 mg/L	Y 371.029
Ga 287.423	1.02546	mg/L	0.003550	0.3	2391.80	1.02546 mg/L	Y 371.029
Ga 294.363	1.02749	mg/L	0.003786	0.4	6136.03	1.02749 mg/L	Y 371.029
Ga 417.204	1.03205	mg/L	0.003916	0.4	9326.37	1.03205 mg/L	Y 371.029
K 766.491	14.7639	mg/L	0.083020	0.6	1014787	14.7639 mg/L	Y 371.029
K 769.897	14.7045	mg/L	0.083011	0.6	846206	14.7045 mg/L	Y 371.029
Li 610.365	0.995312	mg/L	0.001483	0.1	49230.0	0.995312 mg/L	Y 371.029
Li 670.783	1.08075	mg/L	0.005113	0.5	3793283	1.08075 mg/L	Y 371.029
Mg 279.078	24.5474	mg/L	0.103556	0.4	39511.6	24.5474 mg/L	Y 371.029
Mg 280.270	22.7449	mg/L	0.120459	0.5	2247081	22.7449 mg/L	Y 371.029
Mg 285.213	24.8497	mg/L	0.110096	0.4	879916	24.8497 mg/L	Y 371.029
Mn 257.610	1.00467	mg/L	0.006045	0.6	146919	1.00467 mg/L	Y 371.029
Mn 259.372	1.00436	mg/L	0.005519	0.5	110026	1.00436 mg/L	Y 371.029
Mn 260.568	1.01277	mg/L	0.007698	0.8	18828.4	1.01277 mg/L	Y 371.029
Mo 202.032	1.04307	mg/L	0.018179	1.7	3627.15	1.04307 mg/L	Y 371.029
Mo 203.846	1.01394	mg/L	0.018700	1.8	1534.72	1.01394 mg/L	Y 371.029
Mo 204.598	1.03942	mg/L	0.020120	1.9	1796.14	1.03942 mg/L	Y 371.029
Na 568.821	26.4133	mg/L	0.102055	0.4	7057.08	26.4133 mg/L	Y 371.029
Na 588.995	27.0450	mg/L	0.178008	0.7	15509828	27.0450 mg/L	Y 371.029
Na 589.592	27.8786	mg/L	0.199704	0.7	8506620	27.8786 mg/L	Y 371.029
Ni 216.555	1.02186	mg/L	0.001670	0.2	5187.22	1.02186 mg/L	Y 371.029
Ni 221.648	1.00322	mg/L	0.003429	0.3	2021.47	1.00322 mg/L	Y 371.029
Ni 231.604	1.02535	mg/L	0.001538	0.1	3461.86	1.02535 mg/L	Y 371.029
P 177.434	1.09277	mg/L	0.002121	0.2	165.189	1.09277 mg/L	Y 371.029
P 213.618	1.06887	mg/L	0.005697	0.5	725.370	1.06887 mg/L	Y 371.029
P 214.914	1.08554	mg/L	0.012547	1.2	197.353	1.08554 mg/L	Y 371.029
Pb 220.353	1.03153	mg/L	0.004064	0.4	1126.86	1.03153 mg/L	Y 371.029
Pb 261.417	0.771566	mg/L	0.004621	0.6	397.232	0.771566 mg/L	Y 371.029
Pb 405.781	0.997736	mg/L	0.014792	1.5	1351.33	0.997736 mg/L	Y 371.029
Sb 206.834	1.19800	mg/L	0.007903	0.7	684.293	1.19800 mg/L	Y 371.029
Sb 231.146	1.25824	mg/L	0.010485	0.8	536.127	1.25824 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.065236	6.1	347.025	uncal mg/L	Y 371.029
Se 196.026	1.03959	mg/L	0.029244	2.8	309.014	1.03959 mg/L	Y 371.029
Se 203.985	1.04715	mg/L	0.030802	2.9	189.194	1.04715 mg/L	Y 371.029
Si 250.690	11.4273	mg/L	0.028992	0.3	14404.1	11.4273 mg/L	Y 371.029
Si 251.611	11.2170	mg/L	0.032993	0.3	16112.1	11.2170 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.104240	0.9	83848.3	uncal mg/L	Y 371.029
Sn 189.927	1.02317	mg/L	0.003698	0.4	306.401	1.02317 mg/L	Y 371.029
Sn 283.998	0.988162	mg/L	0.009041	0.9	2418.77	0.988162 mg/L	Y 371.029
Sr 216.596	1.41666	mg/L	0.006898	0.5	11107.7	1.41666 mg/L	Y 371.029
Sr 407.771	1.35860	mg/L	0.007808	0.6	3423772	1.35860 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	1.37159	mg/L	0.008472	0.6	2245170	1.37159 mg/L	Y 371.029
Ti 334.941	1.01644	mg/L	0.005085	0.5	217525	1.01644 mg/L	Y 371.029
Ti 336.122	1.00966	mg/L	0.004228	0.4	90877.2	1.00966 mg/L	Y 371.029
Ti 337.280	1.02705	mg/L	0.002488	0.2	31416.3	1.02705 mg/L	Y 371.029
Tl 190.794	1.03125	mg/L	0.005354	0.5	359.042	1.03125 mg/L	Y 371.029
Tl 190.807	1.02769	mg/L	0.004717	0.5	178.153	1.02769 mg/L	Y 371.029
Tl 351.923	1.01381	mg/L	0.005757	0.6	1641.64	1.01381 mg/L	Y 371.029
V 268.796	0.997390	mg/L	0.006723	0.7	9484.30	0.997390 mg/L	Y 371.029
V 292.401	1.02369	mg/L	0.002223	0.2	30623.4	1.02369 mg/L	Y 371.029
V 311.837	1.02858	mg/L	0.002514	0.2	41988.5	1.02858 mg/L	Y 371.029
Zn 202.548	1.12488	mg/L	0.007891	0.7	10574.2	1.12488 mg/L	Y 371.029
Zn 206.200	1.11235	mg/L	0.003269	0.3	3445.31	1.11235 mg/L	Y 371.029
Zn 213.857	1.11456	mg/L	0.007169	0.6	19932.7	1.11456 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01979	8177.48	29.213	0.4
Y 371.029	0.852395	140566	440.210	0.3

1118055-SRD1 (Samp) **4/27/2011, 2:08:11 PM** **Rack 1, Tube 28**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000148	mg/L	0.000414	279.7	501.714	0.000741 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001438	61.3	2.46930	uncal mg/L	Y 371.029
Al 237.312	0.018910	mg/L	0.007184	38.0	73.8499	0.094550 mg/L	Y 371.029
Al 257.509	0.017212	mg/L	0.012894	74.9	28.4919	0.086058 mg/L	Y 371.029
Al 308.215	0.000430uv	mg/L	0.000535	124.4	1240.03	0.002149 mg/L	Y 371.029
As 188.980	0.013348	mg/L	0.000798	6.0	9.38333	0.066741 mg/L	Y 371.029
As 193.696	0.015763	mg/L	0.000651	4.1	7.97874	0.078817 mg/L	Y 371.029
As 228.812	0.009434	mg/L	0.003674	38.9	19.4538	0.047170 mg/L	Y 371.029
B 182.577	0.033665	mg/L	0.006216	18.5	18.3714	0.168323 mg/L	Y 371.029
B 249.678	0.035745	mg/L	0.004795	13.4	349.053	0.178727 mg/L	Y 371.029
B 249.772	0.035927	mg/L	0.005338	14.9	656.410	0.179634 mg/L	Y 371.029
Ba 233.527	0.010662	mg/L	0.000056	0.5	593.750	0.053309 mg/L	Y 371.029
Ba 455.403	0.010191	mg/L	0.000016	0.2	13126.6	0.050957 mg/L	Y 371.029
Ba 493.408	0.010178	mg/L	0.000007	0.1	8053.93	0.050891 mg/L	Y 371.029
Be 234.861	0.000055	mg/L	0.000018	33.2	2.48031	0.000273 mg/L	Y 371.029
Be 313.042	0.000009	mg/L	0.000006	60.2	339.924	0.000046 mg/L	Y 371.029
Be 313.107	0.000043	mg/L	0.000010	24.4	112.949	0.000213 mg/L	Y 371.029
Ca 393.366	10.9125n	mg/L	0.036975	0.3	12816581	54.5623 mg/L	Y 371.029
Ca 396.847	11.2014	mg/L	0.033524	0.3	22190270	56.0071 mg/L	Y 371.029
Ca 430.253	12.4429	mg/L	0.021922	0.2	53986.0	62.2147 mg/L	Y 371.029
Cd 214.439	0.000193	mg/L	0.000192	99.4	3.88421	0.000963 mg/L	Y 371.029
Cd 226.502	0.000000uv	mg/L	0.000032	41087.7	23.4934	0.000000 mg/L	Y 371.029
Cd 228.802	0.000335	mg/L	0.000218	64.9	21.7672	0.001677 mg/L	Y 371.029
Co 228.615	0.001461	mg/L	0.000551	37.7	9.60000	0.007303 mg/L	Y 371.029
Co 230.786	-0.000233uv	mg/L	0.000408	175.1	4.81447	-0.001165 mg/L	Y 371.029
Co 238.892	0.000189uv	mg/L	0.000539	285.0	5.44617	0.000945 mg/L	Y 371.029
Cr 205.560	0.000034uv	mg/L	0.000355	1040.1	5.96194	0.000171 mg/L	Y 371.029
Cr 206.158	0.000550uv	mg/L	0.000856	155.5	2.41775	0.002751 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.000369	mg/L	0.000196	53.1	36.4755	0.001845 mg/L	Y 371.029
Cu 213.598	0.000140	mg/L	0.000365	260.4	3.00605	0.000701 mg/L	Y 371.029
Cu 324.754	0.000167uv	mg/L	0.000313	187.4	337.932	0.000836 mg/L	Y 371.029
Cu 327.395	0.001024	mg/L	0.000602	58.8	67.7091	0.005118 mg/L	Y 371.029
Fe 234.350	0.014051	mg/L	0.000929	6.6	162.027	0.070253 mg/L	Y 371.029
Fe 238.204	0.013866	mg/L	0.001317	9.5	350.459	0.069330 mg/L	Y 371.029
Fe 259.940	0.013206	mg/L	0.001331	10.1	281.837	0.066028 mg/L	Y 371.029
Ga 287.423	-0.001708uv	mg/L	0.002343	137.2	13.8632	-0.008538 mg/L	Y 371.029
Ga 294.363	0.004969	mg/L	0.000299	6.0	32.4792	0.024845 mg/L	Y 371.029
Ga 417.204	-0.001061uv	mg/L	0.001020	96.2	99.4817	-0.005305 mg/L	Y 371.029
K 766.491	0.885361	mg/L	0.003760	0.4	62820.3	4.42681 mg/L	Y 371.029
K 769.897	0.841167	mg/L	0.003012	0.4	60210.3	4.20584 mg/L	Y 371.029
Li 610.365	0.011855	mg/L	0.000047	0.4	22.6262	0.059275 mg/L	Y 371.029
Li 670.783	0.001185	mg/L	0.000044	3.7	71757.1	0.005927 mg/L	Y 371.029
Mg 279.078	2.80731	mg/L	0.009948	0.4	4530.78	14.0366 mg/L	Y 371.029
Mg 280.270	2.78722	mg/L	0.031169	1.1	275620	13.9361 mg/L	Y 371.029
Mg 285.213	2.74560	mg/L	0.031023	1.1	97274.2	13.7280 mg/L	Y 371.029
Mn 257.610	0.000251	mg/L	0.000023	9.0	58.2134	0.001255 mg/L	Y 371.029
Mn 259.372	-0.000048	mg/L	0.000128	264.0	108.541	-0.000242 mg/L	Y 371.029
Mn 260.568	-0.000120	mg/L	0.000044	36.3	22.4849	-0.000600 mg/L	Y 371.029
Mo 202.032	0.037287	mg/L	0.005186	13.9	156.263	0.186433 mg/L	Y 371.029
Mo 203.846	0.038423	mg/L	0.005064	13.2	62.7108	0.192116 mg/L	Y 371.029
Mo 204.598	0.037605	mg/L	0.005102	13.6	70.5780	0.188023 mg/L	Y 371.029
Na 568.821	3.50594	mg/L	0.049675	1.4	1024.43	17.5297 mg/L	Y 371.029
Na 588.995	3.65994	mg/L	0.013483	0.4	2379110	18.2997 mg/L	Y 371.029
Na 589.592	3.44969	mg/L	0.012837	0.4	1135516	17.2484 mg/L	Y 371.029
Ni 216.555	0.000989	mg/L	0.000655	66.2	5.74293	0.004945 mg/L	Y 371.029
Ni 221.648	0.000797uv	mg/L	0.001281	160.7	3.95693	0.003987 mg/L	Y 371.029
Ni 231.604	0.000842	mg/L	0.000307	36.5	9.33806	0.004209 mg/L	Y 371.029
P 177.434	0.001108uv	mg/L	0.007707	695.4	2.89855	0.005541 mg/L	Y 371.029
P 213.618	0.001953uv	mg/L	0.005661	289.9	4.48391	0.009763 mg/L	Y 371.029
P 214.914	0.006108	mg/L	0.003538	57.9	3.94380	0.030538 mg/L	Y 371.029
Pb 220.353	0.003031	mg/L	0.003478	114.8	8.10499	0.015153 mg/L	Y 371.029
Pb 261.417	0.004536uv	mg/L	0.007029	155.0	17.6937	0.022678 mg/L	Y 371.029
Pb 405.781	0.000399	mg/L	0.003911	979.8	63.4046	0.001996 mg/L	Y 371.029
Sb 206.834	-0.001628uv	mg/L	0.001376	84.5	9.55191	-0.008140 mg/L	Y 371.029
Sb 231.146	-0.013527uv	mg/L	0.002325	17.2	3.38369	-0.067637 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.004237	11.3	7.89627	uncal mg/L	Y 371.029
Se 196.026	0.016061	mg/L	0.005314	33.1	8.44017	0.080306 mg/L	Y 371.029
Se 203.985	0.010644uv	mg/L	0.013127	123.3	5.68941	0.053222 mg/L	Y 371.029
Si 250.690	2.06048	mg/L	0.009476	0.5	2632.30	10.3024 mg/L	Y 371.029
Si 251.611	2.01984	mg/L	0.001312	0.1	2928.04	10.0992 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.013906	0.7	15511.3	uncal mg/L	Y 371.029
Sn 189.927	0.008407	mg/L	0.003136	37.3	5.58196	0.042037 mg/L	Y 371.029
Sn 283.998	0.007674	mg/L	0.003576	46.6	26.0066	0.038371 mg/L	Y 371.029
Sr 216.596	0.073458	mg/L	0.000598	0.8	589.888	0.367289 mg/L	Y 371.029
Sr 407.771	0.070460	mg/L	0.000222	0.3	183278	0.352298 mg/L	Y 371.029
Sr 421.552	0.070814	mg/L	0.000182	0.3	119396	0.354070 mg/L	Y 371.029
Ti 334.941	0.003100	mg/L	0.000897	28.9	746.421	0.015500 mg/L	Y 371.029
Ti 336.122	0.003018	mg/L	0.000925	30.6	299.267	0.015090 mg/L	Y 371.029
Ti 337.280	0.003077	mg/L	0.000834	27.1	81.7511	0.015384 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.003461	mg/L	0.003827	110.6	3.47650	0.017307 mg/L	Y 371.029
Tl 190.807	0.010817	mg/L	0.007841	72.5	1.66398	0.054086 mg/L	Y 371.029
Tl 351.923	-0.003859uv	mg/L	0.001867	48.4	20.4454	-0.019295 mg/L	Y 371.029
V 268.796	0.002230	mg/L	0.000889	39.9	84.5823	0.011152 mg/L	Y 371.029
V 292.401	0.000840	mg/L	0.000071	8.5	70.7575	0.004198 mg/L	Y 371.029
V 311.837	0.001388	mg/L	0.000254	18.3	46.8367	0.006942 mg/L	Y 371.029
Zn 202.548	0.023275	mg/L	0.000859	3.7	828.145	0.116374 mg/L	Y 371.029
Zn 206.200	0.023438	mg/L	0.000626	2.7	270.602	0.117191 mg/L	Y 371.029
Zn 213.857	0.021757	mg/L	0.000783	3.6	1542.32	0.108786 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03324	8285.30	86.186	1.0
Y 371.029	0.861895	142133	1173.356	0.8

11D1235-01 (Samp) **4/27/2011, 2:11:59 PM** **Rack 1, Tube 29**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002755uv	mg/L	0.000473	17.2	471.475	-0.002755 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000600	77.5	-2.42378	uncal mg/L	Y 371.029
Al 237.312	-0.000392	mg/L	0.003340	852.1	65.1597	-0.000392 mg/L	Y 371.029
Al 257.509	0.006634	mg/L	0.005826	87.8	23.4186	0.006634 mg/L	Y 371.029
Al 308.215	0.009630uv	mg/L	0.001237	12.8	1200.42	0.009630 mg/L	Y 371.029
As 188.980	0.004361uv	mg/L	0.003872	88.8	5.55954	0.004361 mg/L	Y 371.029
As 193.696	0.011384	mg/L	0.000682	6.0	5.42164	0.011384 mg/L	Y 371.029
As 228.812	0.008640	mg/L	0.003649	42.2	15.5548	0.008640 mg/L	Y 371.029
B 182.577	0.133555	mg/L	0.002534	1.9	61.3881	0.133555 mg/L	Y 371.029
B 249.678	0.106840	mg/L	0.001151	1.1	977.616	0.106840 mg/L	Y 371.029
B 249.772	0.108769	mg/L	0.001346	1.2	1875.31	0.108769 mg/L	Y 371.029
Ba 233.527	0.020745	mg/L	0.000115	0.6	1038.31	0.020745 mg/L	Y 371.029
Ba 455.403	0.020354	mg/L	0.000084	0.4	23170.3	0.020354 mg/L	Y 371.029
Ba 493.408	0.020177	mg/L	0.000067	0.3	14130.5	0.020177 mg/L	Y 371.029
Be 234.861	0.000041	mg/L	0.000032	77.4	1.27239	0.000041 mg/L	Y 371.029
Be 313.042	0.000004uv	mg/L	0.000006	147.9	326.355	0.000004 mg/L	Y 371.029
Be 313.107	-0.000003	mg/L	0.000003	101.6	89.0295	-0.000003 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.186597	0.5	42280784	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.125510	0.6	43667184	- mg/L	Y 371.029
Ca 430.253	81.3931	mg/L	0.454221	0.6	346528	81.3931 mg/L	Y 371.029
Cd 214.439	0.000318	mg/L	0.000190	59.9	5.91788	0.000318 mg/L	Y 371.029
Cd 226.502	-0.000067uv	mg/L	0.000124	185.2	26.6522	-0.000067 mg/L	Y 371.029
Cd 228.802	0.000228uv	mg/L	0.000619	271.1	19.6032	0.000228 mg/L	Y 371.029
Co 228.615	0.001190	mg/L	0.000168	14.2	3.93865	0.001190 mg/L	Y 371.029
Co 230.786	0.000299	mg/L	0.000411	137.6	8.64632	0.000299 mg/L	Y 371.029
Co 238.892	-0.000551uv	mg/L	0.000644	116.8	4.32778	-0.000551 mg/L	Y 371.029
Cr 205.560	0.001042	mg/L	0.000396	38.1	12.8971	0.001042 mg/L	Y 371.029
Cr 206.158	0.003355	mg/L	0.000560	16.7	6.77483	0.003355 mg/L	Y 371.029
Cr 267.716	0.001355	mg/L	0.000089	6.6	69.1135	0.001355 mg/L	Y 371.029
Cu 213.598	0.006151	mg/L	0.000311	5.0	30.2051	0.006151 mg/L	Y 371.029
Cu 324.754	0.009902	mg/L	0.000111	1.1	575.017	0.009902 mg/L	Y 371.029
Cu 327.395	0.006578	mg/L	0.000593	9.0	340.370	0.006578 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	-0.016542	mg/L	0.000350	2.1	71.0778	-0.016542 mg/L	Y 371.029
Fe 238.204	-0.019652	mg/L	0.000337	1.7	149.605	-0.019652 mg/L	Y 371.029
Fe 259.940	-0.016642uv	mg/L	0.000101	0.6	35.6071	-0.016642 mg/L	Y 371.029
Ga 287.423	-0.004299uv	mg/L	0.000764	17.8	9.40740	-0.004299 mg/L	Y 371.029
Ga 294.363	0.004797	mg/L	0.000889	18.5	24.4383	0.004797 mg/L	Y 371.029
Ga 417.204	-0.000946uv	mg/L	0.001733	183.1	80.4992	-0.000946 mg/L	Y 371.029
K 766.491	1.60532	mg/L	0.008109	0.5	112797	1.60532 mg/L	Y 371.029
K 769.897	1.51279	mg/L	0.009131	0.6	98939.6	1.51279 mg/L	Y 371.029
Li 610.365	0.012769	mg/L	0.000197	1.5	68.3443	0.012769 mg/L	Y 371.029
Li 670.783	0.010800	mg/L	0.000111	1.0	109312	0.010800 mg/L	Y 371.029
Mg 279.078	24.2687	mg/L	0.112797	0.5	39063.0	24.2687 mg/L	Y 371.029
Mg 280.270	22.4491	mg/L	0.096998	0.4	2217703	22.4491 mg/L	Y 371.029
Mg 285.213	24.6986	mg/L	0.227877	0.9	874566	24.6986 mg/L	Y 371.029
Mn 257.610	0.000078	mg/L	0.000053	67.9	43.3472	0.000078 mg/L	Y 371.029
Mn 259.372	-0.002792	mg/L	0.000049	1.8	73.4325	-0.002792 mg/L	Y 371.029
Mn 260.568	-0.002218	mg/L	0.000127	5.7	113.386	-0.002218 mg/L	Y 371.029
Mo 202.032	-0.009328	mg/L	0.002655	28.5	56.7137	-0.009328 mg/L	Y 371.029
Mo 203.846	-0.005588	mg/L	0.002609	46.7	23.4355	-0.005588 mg/L	Y 371.029
Mo 204.598	-0.009065	mg/L	0.002232	24.6	21.6444	-0.009065 mg/L	Y 371.029
Na 568.821	26.5518	mg/L	0.162201	0.6	7084.59	26.5518 mg/L	Y 371.029
Na 588.995	26.9838	mg/L	0.154599	0.6	15471059	26.9838 mg/L	Y 371.029
Na 589.592	27.7950	mg/L	0.160911	0.6	8477863	27.7950 mg/L	Y 371.029
Ni 216.555	0.002953	mg/L	0.000779	26.4	17.3644	0.002953 mg/L	Y 371.029
Ni 221.648	0.003518	mg/L	0.000615	17.5	10.3077	0.003518 mg/L	Y 371.029
Ni 231.604	0.004883	mg/L	0.000531	10.9	29.0020	0.004883 mg/L	Y 371.029
P 177.434	0.001469uv	mg/L	0.010989	747.9	2.80140	0.001469 mg/L	Y 371.029
P 213.618	-0.002420uv	mg/L	0.004197	173.5	4.73147	-0.002420 mg/L	Y 371.029
P 214.914	0.012339	mg/L	0.004897	39.7	5.56610	0.012339 mg/L	Y 371.029
Pb 220.353	-0.000102uv	mg/L	0.001621	1582.3	5.99718	-0.000102 mg/L	Y 371.029
Pb 261.417	0.000482uv	mg/L	0.006724	1395.4	16.0763	0.000482 mg/L	Y 371.029
Pb 405.781	0.006543	mg/L	0.007241	110.7	101.378	0.006543 mg/L	Y 371.029
Sb 206.834	-0.012280uv	mg/L	0.004004	32.6	8.19431	-0.012280 mg/L	Y 371.029
Sb 231.146	-0.033963uv	mg/L	0.007810	23.0	3.69223	-0.033963 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.007334	10.8	6.16913	uncal mg/L	Y 371.029
Se 196.026	0.007564	mg/L	0.006523	86.2	7.59215	0.007564 mg/L	Y 371.029
Se 203.985	0.015242uv	mg/L	0.019051	125.0	4.76699	0.015242 mg/L	Y 371.029
Si 250.690	10.9490	mg/L	0.056577	0.5	13787.3	10.9490 mg/L	Y 371.029
Si 251.611	10.7173	mg/L	0.048672	0.5	15387.9	10.7173 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.057249	0.5	80617.2	uncal mg/L	Y 371.029
Sn 189.927	0.000931uv	mg/L	0.004550	489.0	3.18406	0.000931 mg/L	Y 371.029
Sn 283.998	-0.004180	mg/L	0.001973	47.2	22.1159	-0.004180 mg/L	Y 371.029
Sr 216.596	0.983177	mg/L	0.008752	0.9	7711.21	0.983177 mg/L	Y 371.029
Sr 407.771	0.936205	mg/L	0.002920	0.3	2362806	0.936205 mg/L	Y 371.029
Sr 421.552	0.938358	mg/L	0.005066	0.5	1538215	0.938358 mg/L	Y 371.029
Ti 334.941	0.000663	mg/L	0.000278	42.0	268.440	0.000663 mg/L	Y 371.029
Ti 336.122	0.000507	mg/L	0.000427	84.1	69.6001	0.000507 mg/L	Y 371.029
Ti 337.280	0.000573	mg/L	0.000674	117.6	23.5931	0.000573 mg/L	Y 371.029
Tl 190.794	0.003230	mg/L	0.000241	7.5	2.58151	0.003230 mg/L	Y 371.029
Tl 190.807	0.015743	mg/L	0.002338	14.9	1.76723	0.015743 mg/L	Y 371.029
Tl 351.923	-0.007790uv	mg/L	0.006698	86.0	17.3737	-0.007790 mg/L	Y 371.029
V 268.796	0.001306	mg/L	0.000348	26.7	69.7447	0.001306 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.002850	mg/L	0.000236	8.3	135.252	0.002850 mg/L	Y 371.029
V 311.837	0.002984	mg/L	0.000163	5.5	115.036	0.002984 mg/L	Y 371.029
Zn 202.548	-0.007026	mg/L	0.000829	11.8	644.272	-0.007026 mg/L	Y 371.029
Zn 206.200	-0.004015	mg/L	0.000762	19.0	220.278	-0.004015 mg/L	Y 371.029
Zn 213.857	-0.005319	mg/L	0.000878	16.5	1257.93	-0.005319 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03368	8288.84	27.818	0.3
Y 371.029	0.863961	142473	817.683	0.6

1118091-BLK1 (Samp) **4/27/2011, 2:27:33 PM** **Rack 1, Tube 30**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002418b	mg/L	0.000353	14.6	519.998	-0.024182 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000816	89.1	-1.19683	uncal mg/L	Y 371.029
Al 237.312	0.002881b	mg/L	0.005650	196.1	62.6509	0.028810 mg/L	Y 371.029
Al 257.509	-0.000157b	mg/L	0.007171	4571.6	34.8273	-0.001569 mg/L	Y 371.029
Al 308.215	0.013349uvb	mg/L	0.001780	13.3	1198.75	0.133494 mg/L	Y 371.029
As 188.980	0.012810uvb	mg/L	0.008429	65.8	6.21070	0.128098 mg/L	Y 371.029
As 193.696	0.012513b	mg/L	0.002676	21.4	4.14067	0.125127 mg/L	Y 371.029
As 228.812	0.010301b	mg/L	0.003587	34.8	14.0505	0.103010 mg/L	Y 371.029
B 182.577	0.003810b	mg/L	0.002150	56.4	5.50271	0.038095 mg/L	Y 371.029
B 249.678	-0.003223uvb	mg/L	0.000812	25.2	33.2988	-0.032225 mg/L	Y 371.029
B 249.772	0.000327b	mg/L	0.000649	198.3	83.2399	0.003271 mg/L	Y 371.029
Ba 233.527	0.002029b	mg/L	0.000076	3.7	261.140	0.020289 mg/L	Y 371.029
Ba 455.403	0.001958b	mg/L	0.000026	1.3	5572.94	0.019576 mg/L	Y 371.029
Ba 493.408	0.001819b	mg/L	0.000030	1.7	3457.29	0.018195 mg/L	Y 371.029
Be 234.861	0.000035b	mg/L	0.000006	17.7	1.70830	0.000350 mg/L	Y 371.029
Be 313.042	0.000010uvb	mg/L	0.000007	72.4	308.808	0.000100 mg/L	Y 371.029
Be 313.107	0.000008b	mg/L	0.000007	79.0	86.8945	0.000083 mg/L	Y 371.029
Ca 393.366	-0.005096nb	mg/L	0.000026	0.5	19532.3	-0.050964 mg/L	Y 371.029
Ca 396.847	-0.003268b	mg/L	0.000070	2.1	31191.2	-0.032682 mg/L	Y 371.029
Ca 430.253	-0.107768uvb	mg/L	0.005916	5.5	1175.37	-1.07768 mg/L	Y 371.029
Cd 214.439	0.000274b	mg/L	0.000116	42.6	5.59102	0.002736 mg/L	Y 371.029
Cd 226.502	-0.000052uvb	mg/L	0.000136	263.2	23.7082	-0.000518 mg/L	Y 371.029
Cd 228.802	0.000080uvb	mg/L	0.000151	188.3	17.7313	0.000803 mg/L	Y 371.029
Co 228.615	0.002348b	mg/L	0.000207	8.8	9.21369	0.023476 mg/L	Y 371.029
Co 230.786	0.000950uvb	mg/L	0.000210	22.1	6.20950	0.009504 mg/L	Y 371.029
Co 238.892	-0.000685uvb	mg/L	0.000579	84.5	6.68761	-0.006847 mg/L	Y 371.029
Cr 205.560	-0.000735uvb	mg/L	0.000326	44.3	3.82448	-0.007353 mg/L	Y 371.029
Cr 206.158	-0.000228b	mg/L	0.000520	228.3	2.71832	-0.002277 mg/L	Y 371.029
Cr 267.716	-0.000456uvb	mg/L	0.000119	26.1	22.9976	-0.004561 mg/L	Y 371.029
Cu 213.598	-0.002330uvb	mg/L	0.000274	11.7	2.21115	-0.023295 mg/L	Y 371.029
Cu 324.754	0.003092uvb	mg/L	0.000700	22.6	335.090	0.030917 mg/L	Y 371.029
Cu 327.395	0.000007b	mg/L	0.000089	1299.6	43.7256	0.000069 mg/L	Y 371.029
Fe 234.350	-0.012781uvb	mg/L	0.000936	7.3	9.35131	-0.127813 mg/L	Y 371.029
Fe 238.204	-0.015652uvb	mg/L	0.000375	2.4	39.9023	-0.156521 mg/L	Y 371.029
Fe 259.940	-0.014856uvb	mg/L	0.000204	1.4	55.4085	-0.148557 mg/L	Y 371.029
Ga 287.423	-0.003681uvb	mg/L	0.002314	62.9	13.8732	-0.036809 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.001803b	mg/L	0.000729	40.4	26.9389	0.018034 mg/L	Y 371.029
Ga 417.204	-0.002729uvb	mg/L	0.000825	30.2	99.9589	-0.027291 mg/L	Y 371.029
K 766.491	-0.006618b	mg/L	0.000436	6.6	2241.83	-0.066181 mg/L	Y 371.029
K 769.897	-0.018816b	mg/L	0.003072	16.3	13055.8	-0.188162 mg/L	Y 371.029
Li 610.365	0.011243b	mg/L	0.000265	2.4	-7.99276	0.112430 mg/L	Y 371.029
Li 670.783	-0.003041uvb	mg/L	0.000141	4.6	60542.0	-0.030405 mg/L	Y 371.029
Mg 279.078	0.001837uvb	mg/L	0.002226	121.2	13.2000	0.018371 mg/L	Y 371.029
Mg 280.270	-0.001686b	mg/L	0.000009	0.5	317.893	-0.016865 mg/L	Y 371.029
Mg 285.213	-0.001509b	mg/L	0.000071	4.7	84.8153	-0.015087 mg/L	Y 371.029
Mn 257.610	0.000197uvb	mg/L	0.000008	4.0	9.13243	0.001968 mg/L	Y 371.029
Mn 259.372	-0.000894b	mg/L	0.000007	0.8	59.6019	-0.008941 mg/L	Y 371.029
Mn 260.568	-0.000194uvb	mg/L	0.000085	43.6	6.95216	-0.001942 mg/L	Y 371.029
Mo 202.032	-0.083576b	mg/L	0.000634	0.8	34.5212	-0.835757 mg/L	Y 371.029
Mo 203.846	-0.084485b	mg/L	0.002547	3.0	11.4928	-0.844850 mg/L	Y 371.029
Mo 204.598	-0.088351b	mg/L	0.001355	1.5	9.51094	-0.883507 mg/L	Y 371.029
Na 568.821	158.760b	mg/L	1.11960	0.7	41257.3	1587.60 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.900512	1.3	38754460	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.67102	1.5	33109986	- mg/L	Y 371.029
Ni 216.555	0.002850b	mg/L	0.000848	29.8	13.2536	0.028504 mg/L	Y 371.029
Ni 221.648	0.000852b	mg/L	0.000517	60.7	4.85256	0.008520 mg/L	Y 371.029
Ni 231.604	0.002941b	mg/L	0.000851	28.9	12.7240	0.029405 mg/L	Y 371.029
P 177.434	0.000433uvb	mg/L	0.005974	1378.2	2.12142	0.004334 mg/L	Y 371.029
P 213.618	-0.011606uvb	mg/L	0.001709	14.7	2.37943	-0.116060 mg/L	Y 371.029
P 214.914	0.003673uvb	mg/L	0.010922	297.4	2.99226	0.036727 mg/L	Y 371.029
Pb 220.353	0.000050b	mg/L	0.001090	2163.6	5.46335	0.000504 mg/L	Y 371.029
Pb 261.417	-0.030960uvb	mg/L	0.007133	23.0	16.9966	-0.309596 mg/L	Y 371.029
Pb 405.781	-0.006940b	mg/L	0.006251	90.1	66.5779	-0.069399 mg/L	Y 371.029
Sb 206.834	-0.013212uvb	mg/L	0.002775	21.0	9.53573	-0.132123 mg/L	Y 371.029
Sb 231.146	0.007464uvb	mg/L	0.005784	77.5	4.78202	0.074635 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.030842	294.4	10.9450	uncal mg/L	Y 371.029
Se 196.026	0.007531uvb	mg/L	0.006456	85.7	4.58843	0.075314 mg/L	Y 371.029
Se 203.985	0.009655uvb	mg/L	0.004807	49.8	4.48811	0.096547 mg/L	Y 371.029
Si 250.690	-0.001742b	mg/L	0.004931	283.0	55.4632	-0.017423 mg/L	Y 371.029
Si 251.611	-0.006823b	mg/L	0.000942	13.8	46.0830	-0.068229 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001697	44.5	769.040	uncal mg/L	Y 371.029
Sn 189.927	-0.001467uvb	mg/L	0.001705	116.2	3.34864	-0.014668 mg/L	Y 371.029
Sn 283.998	-0.006510uvb	mg/L	0.005771	88.6	14.6514	-0.065098 mg/L	Y 371.029
Sr 216.596	0.000691b	mg/L	0.000164	23.8	17.6870	0.006912 mg/L	Y 371.029
Sr 407.771	-0.000086uvb	mg/L	0.000004	4.5	5403.97	-0.000861 mg/L	Y 371.029
Sr 421.552	-0.000121uvb	mg/L	0.000003	2.7	3248.71	-0.001209 mg/L	Y 371.029
Ti 334.941	0.000455b	mg/L	0.000176	38.6	165.629	0.004550 mg/L	Y 371.029
Ti 336.122	0.000429b	mg/L	0.000161	37.5	75.8658	0.004295 mg/L	Y 371.029
Ti 337.280	0.000443b	mg/L	0.000215	48.5	9.24566	0.004435 mg/L	Y 371.029
Tl 190.794	0.006218uvb	mg/L	0.004417	71.0	3.69565	0.062178 mg/L	Y 371.029
Tl 190.807	-0.001246b	mg/L	0.002116	169.8	0.441228	-0.012462 mg/L	Y 371.029
Tl 351.923	-0.002913uvb	mg/L	0.005463	187.6	12.0851	-0.029126 mg/L	Y 371.029
V 268.796	-0.012077uvb	mg/L	0.000435	3.6	24.4902	-0.120775 mg/L	Y 371.029
V 292.401	-0.000523uvb	mg/L	0.000217	41.5	36.5169	-0.005234 mg/L	Y 371.029
V 311.837	0.000398b	mg/L	0.000072	18.0	10.4912	0.003977 mg/L	Y 371.029
Zn 202.548	-0.011263b	mg/L	0.000615	5.5	651.764	-0.112633 mg/L	Y 371.029
Zn 206.200	-0.010465b	mg/L	0.000868	8.3	212.737	-0.104650 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	-0.012731b	mg/L	0.000436	3.4	1203.28	-0.127306 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02302	8203.37	20.923	0.3
Y 371.029	0.846075	139524	466.025	0.3

1118091-BS1 (Samp) **4/27/2011, 2:31:25 PM** **Rack 1, Tube 31**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.538152	mg/L	0.003641	0.7	26321.4	0.538152 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001116	0.2	1519.53	uncal mg/L	Y 371.029
Al 237.312	5.14080	mg/L	0.010831	0.2	6366.20	5.14080 mg/L	Y 371.029
Al 257.509	5.18220	mg/L	0.016280	0.3	2969.10	5.18220 mg/L	Y 371.029
Al 308.215	5.24976	mg/L	0.006722	0.1	32408.6	5.24976 mg/L	Y 371.029
As 188.980	1.07174	mg/L	0.005654	0.5	365.793	1.07174 mg/L	Y 371.029
As 193.696	1.07177	mg/L	0.005091	0.5	442.054	1.07177 mg/L	Y 371.029
As 228.812	1.99485	mg/L	0.034565	1.7	3390.90	1.99485 mg/L	Y 371.029
B 182.577	1.02490	mg/L	0.015393	1.5	432.565	1.02490 mg/L	Y 371.029
B 249.678	1.02125	mg/L	0.004746	0.5	8691.98	1.02125 mg/L	Y 371.029
B 249.772	1.01817	mg/L	0.005821	0.6	16713.1	1.01817 mg/L	Y 371.029
Ba 233.527	1.05048	mg/L	0.002441	0.2	40467.9	1.05048 mg/L	Y 371.029
Ba 455.403	0.995577	mg/L	0.000961	0.1	874704	0.995577 mg/L	Y 371.029
Ba 493.408	1.00876	mg/L	0.015373	1.5	542967	1.00876 mg/L	Y 371.029
Be 234.861	1.03198	mg/L	0.001246	0.1	119839	1.03198 mg/L	Y 371.029
Be 313.042	1.02372	mg/L	0.004040	0.4	1728852	1.02372 mg/L	Y 371.029
Be 313.107	1.03174	mg/L	0.004759	0.5	858433	1.03174 mg/L	Y 371.029
Ca 393.366	9.06640n	mg/L	0.010541	0.1	10659794	9.06640 mg/L	Y 371.029
Ca 396.847	9.17998	mg/L	0.008134	0.1	18203430	9.17998 mg/L	Y 371.029
Ca 430.253	10.2688	mg/L	0.012255	0.1	44894.1	10.2688 mg/L	Y 371.029
Cd 214.439	1.05117	mg/L	0.028089	2.7	19439.7	1.05117 mg/L	Y 371.029
Cd 226.502	1.05636	mg/L	0.001210	0.1	38367.4	1.05636 mg/L	Y 371.029
Cd 228.802	1.03492	mg/L	0.006646	0.6	14203.3	1.03492 mg/L	Y 371.029
Co 228.615	1.04353	mg/L	0.007305	0.7	8936.48	1.04353 mg/L	Y 371.029
Co 230.786	1.05711	mg/L	0.003850	0.4	6364.18	1.05711 mg/L	Y 371.029
Co 238.892	1.01302	mg/L	0.001476	0.1	5679.39	1.01302 mg/L	Y 371.029
Cr 205.560	1.01463	mg/L	0.001584	0.2	4122.53	1.01463 mg/L	Y 371.029
Cr 206.158	1.03265	mg/L	0.003792	0.4	1688.47	1.03265 mg/L	Y 371.029
Cr 267.716	1.01912	mg/L	0.000862	0.1	22048.3	1.01912 mg/L	Y 371.029
Cu 213.598	1.04843	mg/L	0.006093	0.6	4097.49	1.04843 mg/L	Y 371.029
Cu 324.754	1.00781	mg/L	0.002432	0.2	32417.5	1.00781 mg/L	Y 371.029
Cu 327.395	1.01465	mg/L	0.001643	0.2	43298.7	1.01465 mg/L	Y 371.029
Fe 234.350	5.40845	mg/L	0.002068	0.0	46998.1	5.40845 mg/L	Y 371.029
Fe 238.204	5.32407	mg/L	0.044138	0.8	95177.1	5.32407 mg/L	Y 371.029
Fe 259.940	5.33047	mg/L	0.051279	1.0	78569.4	5.33047 mg/L	Y 371.029
Ga 287.423	1.02715	mg/L	0.002144	0.2	2394.69	1.02715 mg/L	Y 371.029
Ga 294.363	1.03068	mg/L	0.002148	0.2	6161.97	1.03068 mg/L	Y 371.029
Ga 417.204	1.04060	mg/L	0.003288	0.3	9418.05	1.04060 mg/L	Y 371.029
K 766.491	10.5930	mg/L	0.008838	0.1	728370	10.5930 mg/L	Y 371.029
K 769.897	10.4030	mg/L	0.010802	0.1	601915	10.4030 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	1.03274	mg/L	0.000842	0.1	51102.8	1.03274 mg/L	Y 371.029
Li 670.783	1.09817	mg/L	0.000981	0.1	3850025	1.09817 mg/L	Y 371.029
Mg 279.078	10.6118	mg/L	0.013860	0.1	17088.5	10.6118 mg/L	Y 371.029
Mg 280.270	10.1269	mg/L	0.026250	0.3	1000670	10.1269 mg/L	Y 371.029
Mg 285.213	10.9142	mg/L	0.091717	0.8	386549	10.9142 mg/L	Y 371.029
Mn 257.610	1.00767	mg/L	0.006285	0.6	147318	1.00767 mg/L	Y 371.029
Mn 259.372	1.01038	mg/L	0.005273	0.5	110446	1.01038 mg/L	Y 371.029
Mn 260.568	1.02198	mg/L	0.002384	0.2	18912.0	1.02198 mg/L	Y 371.029
Mo 202.032	1.00542	mg/L	0.030488	3.0	3453.00	1.00542 mg/L	Y 371.029
Mo 203.846	0.973531	mg/L	0.026721	2.7	1454.30	0.973531 mg/L	Y 371.029
Mo 204.598	1.00314	mg/L	0.030985	3.1	1711.28	1.00314 mg/L	Y 371.029
Na 568.821	9.91460	mg/L	0.027678	0.3	2699.45	9.91460 mg/L	Y 371.029
Na 588.995	10.9191	mg/L	0.036085	0.3	6455826	10.9191 mg/L	Y 371.029
Na 589.592	11.2392	mg/L	0.041621	0.4	3487195	11.2392 mg/L	Y 371.029
Ni 216.555	1.04362	mg/L	0.001215	0.1	5295.62	1.04362 mg/L	Y 371.029
Ni 221.648	1.03673	mg/L	0.001854	0.2	2087.87	1.03673 mg/L	Y 371.029
Ni 231.604	1.04324	mg/L	0.002431	0.2	3517.20	1.04324 mg/L	Y 371.029
P 177.434	1.09467	mg/L	0.013222	1.2	165.636	1.09467 mg/L	Y 371.029
P 213.618	1.07016	mg/L	0.003573	0.3	724.299	1.07016 mg/L	Y 371.029
P 214.914	1.10665	mg/L	0.014682	1.3	200.664	1.10665 mg/L	Y 371.029
Pb 220.353	1.05753	mg/L	0.007602	0.7	1153.99	1.05753 mg/L	Y 371.029
Pb 261.417	0.785183	mg/L	0.023178	3.0	403.788	0.785183 mg/L	Y 371.029
Pb 405.781	1.00266	mg/L	0.003956	0.4	1331.05	1.00266 mg/L	Y 371.029
Sb 206.834	1.20965	mg/L	0.000647	0.1	686.761	1.20965 mg/L	Y 371.029
Sb 231.146	1.29175	mg/L	0.018373	1.4	541.497	1.29175 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.026273	2.4	352.984	uncal mg/L	Y 371.029
Se 196.026	1.03971	mg/L	0.026160	2.5	307.441	1.03971 mg/L	Y 371.029
Se 203.985	1.05550	mg/L	0.041541	3.9	192.242	1.05550 mg/L	Y 371.029
Si 250.690	1.15768	mg/L	0.104437	9.0	1517.59	1.15768 mg/L	Y 371.029
Si 251.611	1.10727	mg/L	0.075292	6.8	1651.24	1.10727 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.007469	0.7	8627.01	uncal mg/L	Y 371.029
Sn 189.927	1.04713	mg/L	0.003065	0.3	313.718	1.04713 mg/L	Y 371.029
Sn 283.998	1.00642	mg/L	0.006775	0.7	2446.56	1.00642 mg/L	Y 371.029
Sr 216.596	1.07462	mg/L	0.005045	0.5	8422.07	1.07462 mg/L	Y 371.029
Sr 407.771	1.02237	mg/L	0.010518	1.0	2574946	1.02237 mg/L	Y 371.029
Sr 421.552	1.02314	mg/L	0.003122	0.3	1673802	1.02314 mg/L	Y 371.029
Ti 334.941	1.02604	mg/L	0.002533	0.2	219536	1.02604 mg/L	Y 371.029
Ti 336.122	1.02234	mg/L	0.001808	0.2	92021.1	1.02234 mg/L	Y 371.029
Ti 337.280	1.03122	mg/L	0.001079	0.1	31527.5	1.03122 mg/L	Y 371.029
Tl 190.794	1.04277	mg/L	0.005319	0.5	363.787	1.04277 mg/L	Y 371.029
Tl 190.807	1.05643	mg/L	0.002450	0.2	183.654	1.05643 mg/L	Y 371.029
Tl 351.923	1.02606	mg/L	0.005963	0.6	1657.56	1.02606 mg/L	Y 371.029
V 268.796	1.00154	mg/L	0.002795	0.3	9444.60	1.00154 mg/L	Y 371.029
V 292.401	1.02578	mg/L	0.001546	0.2	30681.8	1.02578 mg/L	Y 371.029
V 311.837	1.02901	mg/L	0.002793	0.3	42002.7	1.02901 mg/L	Y 371.029
Zn 202.548	1.06609	mg/L	0.009156	0.9	10003.7	1.06609 mg/L	Y 371.029
Zn 206.200	1.05015	mg/L	0.003158	0.3	3242.90	1.05015 mg/L	Y 371.029
Zn 213.857	1.03573	mg/L	0.028531	2.8	18504.7	1.03573 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03278	8281.66	46.688	0.6
Y 371.029	0.858450	141564	845.981	0.6

SEQ-CCV3 (Samp) **4/27/2011, 2:35:39 PM** **Rack 1, Tube 32**
M_200.7_T_WW **CCV**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.102652	mg/L	0.000185	0.2	5408.40	0.102652 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001935	2.0	270.631	uncal mg/L	Y 371.029
Al 237.312	2.54272	mg/L	0.007269	0.3	3174.87	2.54272 mg/L	Y 371.029
Al 257.509	2.58318	mg/L	0.028780	1.1	1489.12	2.58318 mg/L	Y 371.029
Al 308.215	2.56646	mg/L	0.003115	0.1	16509.7	2.56646 mg/L	Y 371.029
As 188.980	0.515185	mg/L	0.007143	1.4	178.326	0.515185 mg/L	Y 371.029
As 193.696	0.521860	mg/L	0.003402	0.7	215.910	0.521860 mg/L	Y 371.029
As 228.812	0.663325	mg/L	0.003866	0.6	997.977	0.663325 mg/L	Y 371.029
B 182.577	0.508666	mg/L	0.004337	0.9	216.676	0.508666 mg/L	Y 371.029
B 249.678	0.516358	mg/L	0.005878	1.1	4413.00	0.516358 mg/L	Y 371.029
B 249.772	0.506226	mg/L	0.001930	0.4	8312.05	0.506226 mg/L	Y 371.029
Ba 233.527	0.509943	mg/L	0.000864	0.2	19734.4	0.509943 mg/L	Y 371.029
Ba 455.403	0.504351	mg/L	0.000141	0.0	445083	0.504351 mg/L	Y 371.029
Ba 493.408	0.499964	mg/L	0.000660	0.1	270345	0.499964 mg/L	Y 371.029
Be 234.861	0.507764	mg/L	0.004649	0.9	58975.0	0.507764 mg/L	Y 371.029
Be 313.042	0.504193	mg/L	0.003277	0.6	851645	0.504193 mg/L	Y 371.029
Be 313.107	0.507224	mg/L	0.002922	0.6	422062	0.507224 mg/L	Y 371.029
Ca 393.366	4.85113n	mg/L	0.007082	0.1	5711890	4.85113 mg/L	Y 371.029
Ca 396.847	4.76006	mg/L	0.005836	0.1	9452827	4.76006 mg/L	Y 371.029
Ca 430.253	5.11645	mg/L	0.007054	0.1	22966.2	5.11645 mg/L	Y 371.029
Cd 214.439	0.260120	mg/L	0.001165	0.4	4810.77	0.260120 mg/L	Y 371.029
Cd 226.502	0.258201	mg/L	0.000211	0.1	9394.98	0.258201 mg/L	Y 371.029
Cd 228.802	0.258350	mg/L	0.000469	0.2	3559.15	0.258350 mg/L	Y 371.029
Co 228.615	0.517998	mg/L	0.000606	0.1	4430.06	0.517998 mg/L	Y 371.029
Co 230.786	0.517962	mg/L	0.000758	0.1	3120.37	0.517962 mg/L	Y 371.029
Co 238.892	0.510122	mg/L	0.003556	0.7	2878.21	0.510122 mg/L	Y 371.029
Cr 205.560	0.506744	mg/L	0.004523	0.9	2060.24	0.506744 mg/L	Y 371.029
Cr 206.158	0.507160	mg/L	0.005894	1.2	829.377	0.507160 mg/L	Y 371.029
Cr 267.716	0.505762	mg/L	0.003851	0.8	10948.3	0.505762 mg/L	Y 371.029
Cu 213.598	0.517750	mg/L	0.002362	0.5	2025.75	0.517750 mg/L	Y 371.029
Cu 324.754	0.499880	mg/L	0.000123	0.0	16242.1	0.499880 mg/L	Y 371.029
Cu 327.395	0.495900	mg/L	0.000490	0.1	21149.9	0.495900 mg/L	Y 371.029
Fe 234.350	0.547267	mg/L	0.001662	0.3	4986.77	0.547267 mg/L	Y 371.029
Fe 238.204	0.537759	mg/L	0.004149	0.8	9914.67	0.537759 mg/L	Y 371.029
Fe 259.940	0.535504	mg/L	0.004632	0.9	8132.08	0.535504 mg/L	Y 371.029
Ga 287.423	0.507718	mg/L	0.003519	0.7	1155.75	0.507718 mg/L	Y 371.029
Ga 294.363	0.514883	mg/L	0.000883	0.2	3079.40	0.514883 mg/L	Y 371.029
Ga 417.204	0.518530	mg/L	0.001394	0.3	4743.81	0.518530 mg/L	Y 371.029
K 766.491	5.33369	mg/L	0.006122	0.1	367766	5.33369 mg/L	Y 371.029
K 769.897	5.14835	mg/L	0.004668	0.1	304237	5.14835 mg/L	Y 371.029
Li 610.365	1.01760	mg/L	0.000641	0.1	50345.0	1.01760 mg/L	Y 371.029
Li 670.783	1.08429	mg/L	0.001067	0.1	3800322	1.08429 mg/L	Y 371.029
Mg 279.078	5.19178	mg/L	0.003968	0.1	8365.65	5.19178 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	5.21718	mg/L	0.006505	0.1	515667	5.21718 mg/L	Y 371.029
Mg 285.213	5.24299	mg/L	0.042300	0.8	185725	5.24299 mg/L	Y 371.029
Mn 257.610	0.510314	mg/L	0.002538	0.5	74573.8	0.510314 mg/L	Y 371.029
Mn 259.372	0.511737	mg/L	0.001004	0.2	55909.1	0.511737 mg/L	Y 371.029
Mn 260.568	0.513471	mg/L	0.003112	0.6	9501.33	0.513471 mg/L	Y 371.029
Mo 202.032	1.10148	mg/L	0.014074	1.3	3769.75	1.10148 mg/L	Y 371.029
Mo 203.846	1.07110	mg/L	0.008104	0.8	1594.29	1.07110 mg/L	Y 371.029
Mo 204.598	1.10033	mg/L	0.011776	1.1	1870.37	1.10033 mg/L	Y 371.029
Na 568.821	5.16606	mg/L	0.074020	1.4	1456.92	5.16606 mg/L	Y 371.029
Na 588.995	5.69770	mg/L	0.006657	0.1	3524116	5.69770 mg/L	Y 371.029
Na 589.592	5.31981	mg/L	0.007682	0.1	1700823	5.31981 mg/L	Y 371.029
Ni 216.555	1.03284	mg/L	0.000992	0.1	5217.58	1.03284 mg/L	Y 371.029
Ni 221.648	1.02161	mg/L	0.001462	0.1	2048.90	1.02161 mg/L	Y 371.029
Ni 231.604	1.03877	mg/L	0.003038	0.3	3486.96	1.03877 mg/L	Y 371.029
P 177.434	0.523503	mg/L	0.004281	0.8	80.6191	0.523503 mg/L	Y 371.029
P 213.618	0.523253	mg/L	0.003106	0.6	355.884	0.523253 mg/L	Y 371.029
P 214.914	0.537962	mg/L	0.023917	4.4	99.6793	0.537962 mg/L	Y 371.029
Pb 220.353	1.03035	mg/L	0.000449	0.0	1124.28	1.03035 mg/L	Y 371.029
Pb 261.417	1.00446	mg/L	0.016264	1.6	513.808	1.00446 mg/L	Y 371.029
Pb 405.781	0.999579	mg/L	0.005824	0.6	1321.75	0.999579 mg/L	Y 371.029
Sb 206.834	0.880392	mg/L	0.007930	0.9	501.103	0.880392 mg/L	Y 371.029
Sb 231.146	0.939737	mg/L	0.008410	0.9	394.873	0.939737 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.025205	2.5	311.121	uncal mg/L	Y 371.029
Se 196.026	1.04944	mg/L	0.012220	1.2	310.028	1.04944 mg/L	Y 371.029
Se 203.985	1.04998	mg/L	0.023958	2.3	182.452	1.04998 mg/L	Y 371.029
Si 250.690	1.05162	mg/L	0.005077	0.5	1374.45	1.05162 mg/L	Y 371.029
Si 251.611	1.03695	mg/L	0.008064	0.8	1539.33	1.03695 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.009036	0.9	8351.02	uncal mg/L	Y 371.029
Sn 189.927	1.05300	mg/L	0.006835	0.6	315.297	1.05300 mg/L	Y 371.029
Sn 283.998	1.02046	mg/L	0.007323	0.7	1935.15	1.02046 mg/L	Y 371.029
Sr 216.596	0.513146	mg/L	0.000935	0.2	4024.70	0.513146 mg/L	Y 371.029
Sr 407.771	0.489848	mg/L	0.003283	0.7	1236576	0.489848 mg/L	Y 371.029
Sr 421.552	0.489190	mg/L	0.000272	0.1	802002	0.489190 mg/L	Y 371.029
Ti 334.941	0.511788	mg/L	0.010004	2.0	109516	0.511788 mg/L	Y 371.029
Ti 336.122	0.513603	mg/L	0.003141	0.6	46237.4	0.513603 mg/L	Y 371.029
Ti 337.280	0.517779	mg/L	0.001869	0.4	15820.9	0.517779 mg/L	Y 371.029
Tl 190.794	0.508903	mg/L	0.004873	1.0	178.734	0.508903 mg/L	Y 371.029
Tl 190.807	0.520693	mg/L	0.014988	2.9	91.4695	0.520693 mg/L	Y 371.029
Tl 351.923	0.508201	mg/L	0.006439	1.3	834.264	0.508201 mg/L	Y 371.029
V 268.796	0.510938	mg/L	0.002288	0.4	5439.77	0.510938 mg/L	Y 371.029
V 292.401	0.502048	mg/L	0.003553	0.7	15028.0	0.502048 mg/L	Y 371.029
V 311.837	0.512659	mg/L	0.000495	0.1	20908.9	0.512659 mg/L	Y 371.029
Zn 202.548	0.541622	mg/L	0.000838	0.2	5383.72	0.541622 mg/L	Y 371.029
Zn 206.200	0.529637	mg/L	0.005337	1.0	1734.40	0.529637 mg/L	Y 371.029
Zn 213.857	0.524329	mg/L	0.003912	0.7	9983.11	0.524329 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01835	8165.95	38.060	0.5
Y 371.029	0.852705	140617	525.210	0.4

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SEQ-CCB3 (Samp) **4/27/2011, 2:39:30 PM** **Rack 1, Tube 33**

M_200.7_T_WW **CCB**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000767	mg/L	0.000268	34.9	512.153	0.000767 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000718	111.7	-2.33143	uncal mg/L	Y 371.029
Al 237.312	0.011264	mg/L	0.002074	18.4	62.0319	0.011264 mg/L	Y 371.029
Al 257.509	0.009104	mg/L	0.007283	80.0	23.9174	0.009104 mg/L	Y 371.029
Al 308.215	-0.008198uv	mg/L	0.000725	8.8	1204.95	-0.008198 mg/L	Y 371.029
As 188.980	0.008698	mg/L	0.001386	15.9	7.91899	0.008698 mg/L	Y 371.029
As 193.696	0.012255	mg/L	0.001841	15.0	6.65844	0.012255 mg/L	Y 371.029
As 228.812	0.010784	mg/L	0.003332	30.9	20.8168	0.010784 mg/L	Y 371.029
B 182.577	0.012739	mg/L	0.005138	40.3	9.38578	0.012739 mg/L	Y 371.029
B 249.678	0.013738	mg/L	0.002901	21.1	157.917	0.013738 mg/L	Y 371.029
B 249.772	0.014230	mg/L	0.002993	21.0	296.795	0.014230 mg/L	Y 371.029
Ba 233.527	0.000272	mg/L	0.000159	58.5	185.196	0.000272 mg/L	Y 371.029
Ba 455.403	-0.000084uv	mg/L	0.000015	18.2	3935.49	-0.000084 mg/L	Y 371.029
Ba 493.408	-0.000028uv	mg/L	0.000004	13.8	2459.89	-0.000028 mg/L	Y 371.029
Be 234.861	0.000045	mg/L	0.000037	81.1	1.53203	0.000045 mg/L	Y 371.029
Be 313.042	-0.000000uv	mg/L	0.000006	4603.2	326.400	-0.000000 mg/L	Y 371.029
Be 313.107	0.000017	mg/L	0.000015	90.2	89.3903	0.000017 mg/L	Y 371.029
Ca 393.366	-0.002639nuv	mg/L	0.000071	2.7	15374.7	-0.002639 mg/L	Y 371.029
Ca 396.847	-0.002327uv	mg/L	0.000040	1.7	24579.1	-0.002327 mg/L	Y 371.029
Ca 430.253	-0.011417uv	mg/L	0.005280	46.2	1151.14	-0.011417 mg/L	Y 371.029
Cd 214.439	0.000236	mg/L	0.000063	26.7	4.69818	0.000236 mg/L	Y 371.029
Cd 226.502	-0.000006uv	mg/L	0.000080	1460.7	22.2029	-0.000006 mg/L	Y 371.029
Cd 228.802	0.000161uv	mg/L	0.000150	93.1	19.4724	0.000161 mg/L	Y 371.029
Co 228.615	0.001266	mg/L	0.000600	47.4	8.42482	0.001266 mg/L	Y 371.029
Co 230.786	0.000154	mg/L	0.000112	72.7	6.93440	0.000154 mg/L	Y 371.029
Co 238.892	0.000037uv	mg/L	0.000614	1668.9	4.29990	0.000037 mg/L	Y 371.029
Cr 205.560	0.000016uv	mg/L	0.000385	2481.3	5.31868	0.000016 mg/L	Y 371.029
Cr 206.158	0.001362	mg/L	0.001439	105.6	3.74011	0.001362 mg/L	Y 371.029
Cr 267.716	-0.000069uv	mg/L	0.000077	110.6	25.0091	-0.000069 mg/L	Y 371.029
Cu 213.598	0.000342	mg/L	0.000315	92.0	3.08928	0.000342 mg/L	Y 371.029
Cu 324.754	-0.000927uv	mg/L	0.000062	6.7	315.649	-0.000927 mg/L	Y 371.029
Cu 327.395	0.001225	mg/L	0.000413	33.7	70.6514	0.001225 mg/L	Y 371.029
Fe 234.350	-0.000226uv	mg/L	0.000379	167.6	12.3668	-0.000226 mg/L	Y 371.029
Fe 238.204	0.000309	mg/L	0.000464	150.2	48.2798	0.000309 mg/L	Y 371.029
Fe 259.940	0.000274uv	mg/L	0.000644	235.2	59.8463	0.000274 mg/L	Y 371.029
Ga 287.423	0.001838uv	mg/L	0.005955	324.0	21.1161	0.001838 mg/L	Y 371.029
Ga 294.363	0.003893	mg/L	0.000284	7.3	27.4872	0.003893 mg/L	Y 371.029
Ga 417.204	-0.000953uv	mg/L	0.000473	49.7	103.269	-0.000953 mg/L	Y 371.029
K 766.491	-0.000162uv	mg/L	0.000192	118.0	2017.26	-0.000162 mg/L	Y 371.029
K 769.897	0.003169	mg/L	0.000522	16.5	12620.5	0.003169 mg/L	Y 371.029
Li 610.365	0.011330	mg/L	0.000098	0.9	-3.65124	0.011330 mg/L	Y 371.029
Li 670.783	-0.001763uv	mg/L	0.000018	1.0	60971.8	-0.001763 mg/L	Y 371.029
Mg 279.078	-0.000320uv	mg/L	0.001083	338.2	13.0992	-0.000320 mg/L	Y 371.029
Mg 280.270	-0.000182uv	mg/L	0.000033	18.1	283.659	-0.000182 mg/L	Y 371.029
Mg 285.213	0.000581	mg/L	0.000118	20.4	81.7303	0.000581 mg/L	Y 371.029
Mn 257.610	0.046148	mg/L	0.001880	4.1	6676.98	0.046148 mg/L	Y 371.029
Mn 259.372	0.046251	mg/L	0.002233	4.8	5035.53	0.046251 mg/L	Y 371.029
Mn 260.568	0.045684	mg/L	0.002046	4.5	847.305	0.045684 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.031955	mg/L	0.004076	12.8	129.244	0.031955 mg/L	Y 371.029
Mo 203.846	0.035127	mg/L	0.003458	9.8	53.8824	0.035127 mg/L	Y 371.029
Mo 204.598	0.032782	mg/L	0.003338	10.2	57.9229	0.032782 mg/L	Y 371.029
Na 568.821	0.493442	mg/L	0.065829	13.3	227.006	0.493442 mg/L	Y 371.029
Na 588.995	-0.227797uv	mg/L	0.001321	0.6	196671	-0.227797 mg/L	Y 371.029
Na 589.592	-0.073149uv	mg/L	0.000643	0.9	72855.5	-0.073149 mg/L	Y 371.029
Ni 216.555	0.000767	mg/L	0.000498	64.9	4.31045	0.000767 mg/L	Y 371.029
Ni 221.648	0.001131	mg/L	0.000996	88.0	4.45545	0.001131 mg/L	Y 371.029
Ni 231.604	0.000811	mg/L	0.000652	80.4	8.25196	0.000811 mg/L	Y 371.029
P 177.434	0.001162uv	mg/L	0.006725	578.7	2.92986	0.001162 mg/L	Y 371.029
P 213.618	-0.000628uv	mg/L	0.001985	316.1	2.31407	-0.000628 mg/L	Y 371.029
P 214.914	0.000286uv	mg/L	0.002454	857.7	2.86181	0.000286 mg/L	Y 371.029
Pb 220.353	0.003408	mg/L	0.002267	66.5	8.29097	0.003408 mg/L	Y 371.029
Pb 261.417	0.004456	mg/L	0.004484	100.6	17.7120	0.004456 mg/L	Y 371.029
Pb 405.781	0.004963uv	mg/L	0.005512	111.1	64.0225	0.004963 mg/L	Y 371.029
Sb 206.834	0.051875	mg/L	0.006250	12.0	38.4243	0.051875 mg/L	Y 371.029
Sb 231.146	0.051209	mg/L	0.011224	21.9	28.1575	0.051209 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.007285	13.4	33.4058	uncal mg/L	Y 371.029
Se 196.026	0.011967	mg/L	0.007113	59.4	6.92485	0.011967 mg/L	Y 371.029
Se 203.985	0.013204	mg/L	0.009664	73.2	6.44046	0.013204 mg/L	Y 371.029
Si 250.690	0.001669uv	mg/L	0.003614	216.6	48.8328	0.001669 mg/L	Y 371.029
Si 251.611	0.001749	mg/L	0.000736	42.1	41.0180	0.001749 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001528	31.3	727.708	uncal mg/L	Y 371.029
Sn 189.927	0.000501uv	mg/L	0.005754	1148.8	3.28615	0.000501 mg/L	Y 371.029
Sn 283.998	0.005554	mg/L	0.004568	82.2	22.3138	0.005554 mg/L	Y 371.029
Sr 216.596	0.000769	mg/L	0.000337	43.8	19.2396	0.000769 mg/L	Y 371.029
Sr 407.771	-0.000037uv	mg/L	0.000009	25.3	5329.24	-0.000037 mg/L	Y 371.029
Sr 421.552	-0.000038uv	mg/L	0.000006	15.2	3213.44	-0.000038 mg/L	Y 371.029
Ti 334.941	0.001571	mg/L	0.000439	28.0	411.239	0.001571 mg/L	Y 371.029
Ti 336.122	0.001637	mg/L	0.000411	25.1	175.873	0.001637 mg/L	Y 371.029
Ti 337.280	0.001783	mg/L	0.000755	42.3	38.9820	0.001783 mg/L	Y 371.029
Tl 190.794	0.003125	mg/L	0.000642	20.5	3.54094	0.003125 mg/L	Y 371.029
Tl 190.807	0.010286	mg/L	0.006317	61.4	1.68068	0.010286 mg/L	Y 371.029
Tl 351.923	-0.008803uv	mg/L	0.002661	30.2	11.8176	-0.008803 mg/L	Y 371.029
V 268.796	0.000663	mg/L	0.000633	95.5	61.9773	0.000663 mg/L	Y 371.029
V 292.401	-0.000493uv	mg/L	0.000187	37.9	30.1102	-0.000493 mg/L	Y 371.029
V 311.837	0.000659	mg/L	0.000402	60.9	16.2705	0.000659 mg/L	Y 371.029
Zn 202.548	0.002232	mg/L	0.000051	2.3	633.019	0.002232 mg/L	Y 371.029
Zn 206.200	0.002207	mg/L	0.000437	19.8	204.779	0.002207 mg/L	Y 371.029
Zn 213.857	0.000674	mg/L	0.001013	150.3	1168.16	0.000674 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01144	8110.55	20.320	0.3
Y 371.029	0.849389	140070	249.951	0.2

1118091-BS2 (Samp)	**4/27/2011, 2:52:20 PM**	**Rack 1, Tube 34**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 1**

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.102054	mg/L	0.000344	0.3	5376.16	0.102054 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000935	1.0	268.579	uncal mg/L	Y 371.029
Al 237.312	1.00188	mg/L	0.006138	0.6	1279.52	1.00188 mg/L	Y 371.029
Al 257.509	1.01348	mg/L	0.008063	0.8	595.758	1.01348 mg/L	Y 371.029
Al 308.215	1.01505	mg/L	0.000530	0.1	7276.14	1.01505 mg/L	Y 371.029
As 188.980	0.207297	mg/L	0.001028	0.5	74.7760	0.207297 mg/L	Y 371.029
As 193.696	0.202612	mg/L	0.003517	1.7	84.8846	0.202612 mg/L	Y 371.029
As 228.812	0.374817	mg/L	0.007548	2.0	659.269	0.374817 mg/L	Y 371.029
B 182.577	0.197691	mg/L	0.005308	2.7	86.7191	0.197691 mg/L	Y 371.029
B 249.678	0.201162	mg/L	0.002082	1.0	1745.67	0.201162 mg/L	Y 371.029
B 249.772	0.196879	mg/L	0.002054	1.0	3284.41	0.196879 mg/L	Y 371.029
Ba 233.527	0.203416	mg/L	0.000361	0.2	7977.17	0.203416 mg/L	Y 371.029
Ba 455.403	0.199578	mg/L	0.000544	0.3	178551	0.199578 mg/L	Y 371.029
Ba 493.408	0.198411	mg/L	0.000521	0.3	108783	0.198411 mg/L	Y 371.029
Be 234.861	0.200597	mg/L	0.000468	0.2	23291.5	0.200597 mg/L	Y 371.029
Be 313.042	0.203528	mg/L	0.000436	0.2	343981	0.203528 mg/L	Y 371.029
Be 313.107	0.204272	mg/L	0.000451	0.2	170020	0.204272 mg/L	Y 371.029
Ca 393.366	2.03910n	mg/L	0.003445	0.2	2411502	2.03910 mg/L	Y 371.029
Ca 396.847	1.98040	mg/L	0.003966	0.2	3949600	1.98040 mg/L	Y 371.029
Ca 430.253	2.00202	mg/L	0.002852	0.1	9717.80	2.00202 mg/L	Y 371.029
Cd 214.439	0.201070	mg/L	0.001426	0.7	3718.74	0.201070 mg/L	Y 371.029
Cd 226.502	0.204559	mg/L	0.000831	0.4	7447.68	0.204559 mg/L	Y 371.029
Cd 228.802	0.202692	mg/L	0.000614	0.3	2795.60	0.202692 mg/L	Y 371.029
Co 228.615	0.204650	mg/L	0.000888	0.4	1750.66	0.204650 mg/L	Y 371.029
Co 230.786	0.203756	mg/L	0.000658	0.3	1231.48	0.203756 mg/L	Y 371.029
Co 238.892	0.196189	mg/L	0.001901	1.0	1103.18	0.196189 mg/L	Y 371.029
Cr 205.560	0.195282	mg/L	0.000395	0.2	797.680	0.195282 mg/L	Y 371.029
Cr 206.158	0.198974	mg/L	0.001847	0.9	326.568	0.198974 mg/L	Y 371.029
Cr 267.716	0.199109	mg/L	0.001036	0.5	4328.73	0.199109 mg/L	Y 371.029
Cu 213.598	0.200578	mg/L	0.000991	0.5	784.968	0.200578 mg/L	Y 371.029
Cu 324.754	0.193457	mg/L	0.000310	0.2	6501.90	0.193457 mg/L	Y 371.029
Cu 327.395	0.197122	mg/L	0.000069	0.0	8426.73	0.197122 mg/L	Y 371.029
Fe 234.350	1.04011	mg/L	0.002127	0.2	9049.52	1.04011 mg/L	Y 371.029
Fe 238.204	1.04490	mg/L	0.006728	0.6	18710.8	1.04490 mg/L	Y 371.029
Fe 259.940	1.03081	mg/L	0.004775	0.5	15238.1	1.03081 mg/L	Y 371.029
Ga 287.423	0.192918	mg/L	0.001832	0.9	464.232	0.192918 mg/L	Y 371.029
Ga 294.363	0.200280	mg/L	0.002144	1.1	1200.77	0.200280 mg/L	Y 371.029
Ga 417.204	0.194337	mg/L	0.001875	1.0	1851.66	0.194337 mg/L	Y 371.029
K 766.491	2.12409	mg/L	0.002987	0.1	147669	2.12409 mg/L	Y 371.029
K 769.897	2.02014	mg/L	0.003580	0.2	126905	2.02014 mg/L	Y 371.029
Li 610.365	0.174041	mg/L	0.000188	0.1	8137.59	0.174041 mg/L	Y 371.029
Li 670.783	0.209725	mg/L	0.000274	0.1	789499	0.209725 mg/L	Y 371.029
Mg 279.078	2.04869	mg/L	0.004827	0.2	3310.13	2.04869 mg/L	Y 371.029
Mg 280.270	2.03365	mg/L	0.021880	1.1	201190	2.03365 mg/L	Y 371.029
Mg 285.213	2.04944	mg/L	0.043560	2.1	72634.6	2.04944 mg/L	Y 371.029
Mn 257.610	0.199922	mg/L	0.001082	0.5	29230.8	0.199922 mg/L	Y 371.029
Mn 259.372	0.199794	mg/L	0.001109	0.6	21863.8	0.199794 mg/L	Y 371.029
Mn 260.568	0.199374	mg/L	0.002295	1.2	3695.24	0.199374 mg/L	Y 371.029
Mo 202.032	0.179632	mg/L	0.002667	1.5	634.484	0.179632 mg/L	Y 371.029
Mo 203.846	0.177772	mg/L	0.001167	0.7	267.224	0.177772 mg/L	Y 371.029
Mo 204.598	0.180977	mg/L	0.002146	1.2	310.956	0.180977 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	2.28661	mg/L	0.102606	4.5	697.531	2.28661 mg/L	Y 371.029
Na 588.995	2.05265	mg/L	0.007242	0.4	1477064	2.05265 mg/L	Y 371.029
Na 589.592	1.99597	mg/L	0.006599	0.3	697403	1.99597 mg/L	Y 371.029
Ni 216.555	0.201720	mg/L	0.000687	0.3	1023.88	0.201720 mg/L	Y 371.029
Ni 221.648	0.198498	mg/L	0.000657	0.3	401.529	0.198498 mg/L	Y 371.029
Ni 231.604	0.202924	mg/L	0.000371	0.2	688.561	0.202924 mg/L	Y 371.029
P 177.434	0.206375	mg/L	0.010255	5.0	33.4696	0.206375 mg/L	Y 371.029
P 213.618	0.199080	mg/L	0.001905	1.0	137.047	0.199080 mg/L	Y 371.029
P 214.914	0.220774	mg/L	0.007300	3.3	42.1456	0.220774 mg/L	Y 371.029
Pb 220.353	0.203806	mg/L	0.004258	2.1	226.099	0.203806 mg/L	Y 371.029
Pb 261.417	0.141205	mg/L	0.013617	9.6	85.2568	0.141205 mg/L	Y 371.029
Pb 405.781	0.196228	mg/L	0.003862	2.0	306.685	0.196228 mg/L	Y 371.029
Sb 206.834	0.229530	mg/L	0.000591	0.3	138.135	0.229530 mg/L	Y 371.029
Sb 231.146	0.249777	mg/L	0.007466	3.0	110.490	0.249777 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.015113	8.3	71.9824	uncal mg/L	Y 371.029
Se 196.026	0.188672	mg/L	0.002542	1.3	58.5997	0.188672 mg/L	Y 371.029
Se 203.985	0.192492	mg/L	0.009829	5.1	38.7363	0.192492 mg/L	Y 371.029
Si 250.690	0.249314	mg/L	0.002697	1.1	363.110	0.249314 mg/L	Y 371.029
Si 251.611	0.250346	mg/L	0.001503	0.6	401.313	0.250346 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002279	0.9	2585.90	uncal mg/L	Y 371.029
Sn 189.927	0.196185	mg/L	0.002448	1.2	61.3287	0.196185 mg/L	Y 371.029
Sn 283.998	0.189333	mg/L	0.006056	3.2	475.712	0.189333 mg/L	Y 371.029
Sr 216.596	0.210229	mg/L	0.000196	0.1	1658.23	0.210229 mg/L	Y 371.029
Sr 407.771	0.205063	mg/L	0.000750	0.4	520804	0.205063 mg/L	Y 371.029
Sr 421.552	0.205862	mg/L	0.000983	0.5	339390	0.205862 mg/L	Y 371.029
Ti 334.941	0.202378	mg/L	0.001079	0.5	43361.1	0.202378 mg/L	Y 371.029
Ti 336.122	0.200808	mg/L	0.001513	0.8	18097.2	0.200808 mg/L	Y 371.029
Ti 337.280	0.198127	mg/L	0.001588	0.8	6044.80	0.198127 mg/L	Y 371.029
Tl 190.794	0.195246	mg/L	0.004892	2.5	70.1069	0.195246 mg/L	Y 371.029
Tl 190.807	1.03544	mg/L	0.007078	0.7	179.447	1.03544 mg/L	Y 371.029
Tl 351.923	0.196331	mg/L	0.005959	3.0	338.052	0.196331 mg/L	Y 371.029
V 268.796	0.198596	mg/L	0.000348	0.2	1871.53	0.198596 mg/L	Y 371.029
V 292.401	0.198224	mg/L	0.000533	0.3	5965.16	0.198224 mg/L	Y 371.029
V 311.837	0.197960	mg/L	0.000459	0.2	8071.84	0.197960 mg/L	Y 371.029
Zn 202.548	0.210596	mg/L	0.000738	0.4	2467.65	0.210596 mg/L	Y 371.029
Zn 206.200	0.204016	mg/L	0.002591	1.3	789.804	0.204016 mg/L	Y 371.029
Zn 213.857	0.204402	mg/L	0.000208	0.1	4579.20	0.204402 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02305	8203.61	24.161	0.3
Y 371.029	0.857889	141472	411.175	0.3

11D1172-01 (Samp) **4/27/2011, 2:56:16 PM** **Rack 1, Tube 35**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002491b	mg/L	0.000297	11.9	502.518	-0.002491 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000798	492.7	-3.35578	uncal mg/L	Y 371.029
Al 237.312	0.103199b	mg/L	0.005806	5.6	185.579	0.103199 mg/L	Y 371.029
Al 257.509	0.099524b	mg/L	0.016035	16.1	89.8762	0.099524 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.126803b	mg/L	0.002061	1.6	1880.03	0.126803 mg/L	Y 371.029
As 188.980	0.011433b	mg/L	0.003225	28.2	6.05301	0.011433 mg/L	Y 371.029
As 193.696	0.016007b	mg/L	0.001823	11.4	5.83448	0.016007 mg/L	Y 371.029
As 228.812	0.010875b	mg/L	0.002567	23.6	15.8471	0.010875 mg/L	Y 371.029
B 182.577	0.094518b	mg/L	0.002295	2.4	43.4731	0.094518 mg/L	Y 371.029
B 249.678	0.094462b	mg/L	0.000611	0.6	858.131	0.094462 mg/L	Y 371.029
B 249.772	0.094877b	mg/L	0.001340	1.4	1621.49	0.094877 mg/L	Y 371.029
Ba 233.527	0.304552b	mg/L	0.002046	0.7	11858.3	0.304552 mg/L	Y 371.029
Ba 455.403	0.296190b	mg/L	0.000149	0.1	262889	0.296190 mg/L	Y 371.029
Ba 493.408	0.294435b	mg/L	0.000239	0.1	160218	0.294435 mg/L	Y 371.029
Be 234.861	0.000262b	mg/L	0.000015	5.7	27.9700	0.000262 mg/L	Y 371.029
Be 313.042	0.000275b	mg/L	0.000007	2.7	758.886	0.000275 mg/L	Y 371.029
Be 313.107	0.000280b	mg/L	0.000003	1.2	313.405	0.000280 mg/L	Y 371.029
Ca 393.366	3.06867nb	mg/L	0.007592	0.2	3624497	3.06867 mg/L	Y 371.029
Ca 396.847	2.89718b	mg/L	0.046179	1.6	5769752	2.89718 mg/L	Y 371.029
Ca 430.253	3.03113b	mg/L	0.032203	1.1	14448.6	3.03113 mg/L	Y 371.029
Cd 214.439	0.000372b	mg/L	0.000215	57.8	7.44441	0.000372 mg/L	Y 371.029
Cd 226.502	-0.000034b	mg/L	0.000039	115.8	24.7640	-0.000034 mg/L	Y 371.029
Cd 228.802	0.000595b	mg/L	0.000017	2.8	24.9130	0.000595 mg/L	Y 371.029
Co 228.615	0.005457b	mg/L	0.000524	9.6	36.7040	0.005457 mg/L	Y 371.029
Co 230.786	0.003670b	mg/L	0.000497	13.5	23.3647	0.003670 mg/L	Y 371.029
Co 238.892	0.001694b	mg/L	0.000444	26.2	19.5044	0.001694 mg/L	Y 371.029
Cr 205.560	-0.000293uvb	mg/L	0.000277	94.6	5.77094	-0.000293 mg/L	Y 371.029
Cr 206.158	-0.000387b	mg/L	0.000617	159.4	2.57336	-0.000387 mg/L	Y 371.029
Cr 267.716	-0.000197uvb	mg/L	0.000184	93.2	29.3274	-0.000197 mg/L	Y 371.029
Cu 213.598	0.001936b	mg/L	0.000529	27.3	18.0605	0.001936 mg/L	Y 371.029
Cu 324.754	0.007037b	mg/L	0.000156	2.2	467.918	0.007037 mg/L	Y 371.029
Cu 327.395	0.004007b	mg/L	0.001009	25.2	213.843	0.004007 mg/L	Y 371.029
Fe 234.350	-0.004674b	mg/L	0.000652	13.9	86.2529	-0.004674 mg/L	Y 371.029
Fe 238.204	-0.008722b	mg/L	0.000732	8.4	173.262	-0.008722 mg/L	Y 371.029
Fe 259.940	-0.008150b	mg/L	0.000145	1.8	151.730	-0.008150 mg/L	Y 371.029
Ga 287.423	-0.007366uvb	mg/L	0.000744	10.1	5.55348	-0.007366 mg/L	Y 371.029
Ga 294.363	0.000736b	mg/L	0.000999	135.7	19.0034	0.000736 mg/L	Y 371.029
Ga 417.204	-0.003526uvb	mg/L	0.000385	10.9	91.4816	-0.003526 mg/L	Y 371.029
K 766.491	0.609275b	mg/L	0.005170	0.8	44411.1	0.609275 mg/L	Y 371.029
K 769.897	0.567773b	mg/L	0.007951	1.4	46122.4	0.567773 mg/L	Y 371.029
Li 610.365	0.011163b	mg/L	0.000226	2.0	-12.0063	0.011163 mg/L	Y 371.029
Li 670.783	-0.001960uvb	mg/L	0.000113	5.8	64160.8	-0.001960 mg/L	Y 371.029
Mg 279.078	1.91536b	mg/L	0.013376	0.7	3092.42	1.91536 mg/L	Y 371.029
Mg 280.270	1.89033b	mg/L	0.019982	1.1	187174	1.89033 mg/L	Y 371.029
Mg 285.213	1.88297b	mg/L	0.022691	1.2	66804.4	1.88297 mg/L	Y 371.029
Mn 257.610	0.028812b	mg/L	0.000067	0.2	4179.49	0.028812 mg/L	Y 371.029
Mn 259.372	0.027637b	mg/L	0.000025	0.1	3146.72	0.027637 mg/L	Y 371.029
Mn 260.568	0.027741b	mg/L	0.000261	0.9	532.577	0.027741 mg/L	Y 371.029
Mo 202.032	-0.062732b	mg/L	0.002777	4.4	72.2266	-0.062732 mg/L	Y 371.029
Mo 203.846	-0.064278b	mg/L	0.003767	5.9	26.4199	-0.064278 mg/L	Y 371.029
Mo 204.598	-0.068334b	mg/L	0.002694	3.9	25.9784	-0.068334 mg/L	Y 371.029
Na 568.821	140.930b	mg/L	0.789364	0.6	36640.2	140.930 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.20493	1.8	38249612	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.78883	1.7	32153462	- mg/L	Y 371.029
Ni 216.555	0.004943b	mg/L	0.000545	11.0	24.2134	0.004943 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.003733b	mg/L	0.000836	22.4	10.6245	0.003733 mg/L	Y 371.029
Ni 231.604	0.005574b	mg/L	0.000574	10.3	22.3943	0.005574 mg/L	Y 371.029
P 177.434	0.007097b	mg/L	0.001896	26.7	3.18184	0.007097 mg/L	Y 371.029
P 213.618	-0.002496b	mg/L	0.005429	217.5	7.80525	-0.002496 mg/L	Y 371.029
P 214.914	0.033727b	mg/L	0.021445	63.6	8.21537	0.033727 mg/L	Y 371.029
Pb 220.353	0.014972b	mg/L	0.001256	8.4	21.6736	0.014972 mg/L	Y 371.029
Pb 261.417	-0.005962b	mg/L	0.001771	29.7	27.3681	-0.005962 mg/L	Y 371.029
Pb 405.781	0.014054b	mg/L	0.007266	51.7	92.6224	0.014054 mg/L	Y 371.029
Sb 206.834	-0.010462b	mg/L	0.001428	13.7	10.4959	-0.010462 mg/L	Y 371.029
Sb 231.146	0.016594uvb	mg/L	0.006585	39.7	9.62215	0.016594 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.015773	157.3	11.8534	uncal mg/L	Y 371.029
Se 196.026	0.012815b	mg/L	0.004969	38.8	6.32755	0.012815 mg/L	Y 371.029
Se 203.985	0.005904uvb	mg/L	0.005017	85.0	3.94219	0.005904 mg/L	Y 371.029
Si 250.690	0.226147b	mg/L	0.010638	4.7	340.399	0.226147 mg/L	Y 371.029
Si 251.611	0.222625b	mg/L	0.003423	1.5	375.369	0.222625 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.007231	3.2	2457.97	uncal mg/L	Y 371.029
Sn 189.927	-0.001784uvb	mg/L	0.004538	254.3	3.16991	-0.001784 mg/L	Y 371.029
Sn 283.998	0.002541b	mg/L	0.004513	177.6	26.6083	0.002541 mg/L	Y 371.029
Sr 216.596	0.026357b	mg/L	0.000880	3.3	219.055	0.026357 mg/L	Y 371.029
Sr 407.771	0.024962b	mg/L	0.000100	0.4	68520.9	0.024962 mg/L	Y 371.029
Sr 421.552	0.024979b	mg/L	0.000122	0.5	44332.3	0.024979 mg/L	Y 371.029
Ti 334.941	0.001418b	mg/L	0.000062	4.4	383.005	0.001418 mg/L	Y 371.029
Ti 336.122	0.001481b	mg/L	0.000391	26.4	172.629	0.001481 mg/L	Y 371.029
Ti 337.280	0.001317b	mg/L	0.000297	22.6	36.5605	0.001317 mg/L	Y 371.029
Tl 190.794	0.001698uvb	mg/L	0.002797	164.7	2.25126	0.001698 mg/L	Y 371.029
Tl 190.807	0.006185b	mg/L	0.004805	77.7	1.60967	0.006185 mg/L	Y 371.029
Tl 351.923	-0.003186uvb	mg/L	0.004902	153.9	12.9123	-0.003186 mg/L	Y 371.029
V 268.796	-0.009458b	mg/L	0.000628	6.6	46.4243	-0.009458 mg/L	Y 371.029
V 292.401	-0.000344uvb	mg/L	0.000049	14.4	42.2258	-0.000344 mg/L	Y 371.029
V 311.837	0.000312b	mg/L	0.000083	26.5	6.89710	0.000312 mg/L	Y 371.029
Zn 202.548	0.167952b	mg/L	0.003168	1.9	2195.75	0.167952 mg/L	Y 371.029
Zn 206.200	0.165906b	mg/L	0.003622	2.2	718.067	0.165906 mg/L	Y 371.029
Zn 213.857	0.160243b	mg/L	0.000359	0.2	4043.37	0.160243 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03134	8270.08	47.012	0.6
Y 371.029	0.855094	141011	959.660	0.7

11D1172-02 (Samp) **4/27/2011, 3:00:09 PM** **Rack 1, Tube 36**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002115b	mg/L	0.000438	20.7	534.185	-0.002115 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001894	69.0	4.02129	uncal mg/L	Y 371.029
Al 237.312	0.108400b	mg/L	0.004347	4.0	192.177	0.108400 mg/L	Y 371.029
Al 257.509	0.084453b	mg/L	0.014771	17.5	82.6174	0.084453 mg/L	Y 371.029
Al 308.215	0.123885b	mg/L	0.001072	0.9	1852.87	0.123885 mg/L	Y 371.029
As 188.980	0.013374b	mg/L	0.004333	32.4	6.46660	0.013374 mg/L	Y 371.029
As 193.696	0.011808uvb	mg/L	0.005761	48.8	3.90898	0.011808 mg/L	Y 371.029
As 228.812	0.010558b	mg/L	0.006224	58.9	14.4858	0.010558 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.032097b	mg/L	0.001594	5.0	17.3719	0.032097 mg/L	Y 371.029
B 249.678	0.029476b	mg/L	0.001285	4.4	310.085	0.029476 mg/L	Y 371.029
B 249.772	0.031147b	mg/L	0.000708	2.3	586.125	0.031147 mg/L	Y 371.029
Ba 233.527	0.142089b	mg/L	0.000460	0.3	5630.62	0.142089 mg/L	Y 371.029
Ba 455.403	0.134571b	mg/L	0.000491	0.4	121546	0.134571 mg/L	Y 371.029
Ba 493.408	0.133931b	mg/L	0.000554	0.4	74232.9	0.133931 mg/L	Y 371.029
Be 234.861	0.000135b	mg/L	0.000046	33.7	13.0794	0.000135 mg/L	Y 371.029
Be 313.042	0.000075b	mg/L	0.000003	4.1	417.787	0.000075 mg/L	Y 371.029
Be 313.107	0.000070b	mg/L	0.000007	10.6	138.610	0.000070 mg/L	Y 371.029
Ca 393.366	2.06337nb	mg/L	0.006067	0.3	2445456	2.06337 mg/L	Y 371.029
Ca 396.847	2.00838b	mg/L	0.005036	0.3	4011148	2.00838 mg/L	Y 371.029
Ca 430.253	2.04747b	mg/L	0.028500	1.4	10307.6	2.04747 mg/L	Y 371.029
Cd 214.439	0.000241b	mg/L	0.000089	37.0	4.99498	0.000241 mg/L	Y 371.029
Cd 226.502	0.000030b	mg/L	0.000084	278.9	27.0924	0.000030 mg/L	Y 371.029
Cd 228.802	0.000184uvb	mg/L	0.000621	336.6	19.1899	0.000184 mg/L	Y 371.029
Co 228.615	0.002605b	mg/L	0.000566	21.7	11.7357	0.002605 mg/L	Y 371.029
Co 230.786	0.001187b	mg/L	0.000306	25.8	7.96733	0.001187 mg/L	Y 371.029
Co 238.892	-0.000886uvb	mg/L	0.000474	53.5	5.15393	-0.000886 mg/L	Y 371.029
Cr 205.560	-0.000398uvb	mg/L	0.000319	80.1	5.42641	-0.000398 mg/L	Y 371.029
Cr 206.158	0.000126b	mg/L	0.001050	834.2	3.40889	0.000126 mg/L	Y 371.029
Cr 267.716	-0.000385uvb	mg/L	0.000208	54.0	25.8914	-0.000385 mg/L	Y 371.029
Cu 213.598	-0.001661b	mg/L	0.000321	19.3	4.80179	-0.001661 mg/L	Y 371.029
Cu 324.754	0.003714b	mg/L	0.000135	3.6	354.824	0.003714 mg/L	Y 371.029
Cu 327.395	0.000928b	mg/L	0.001186	127.7	83.8545	0.000928 mg/L	Y 371.029
Fe 234.350	0.041592b	mg/L	0.000563	1.4	482.906	0.041592 mg/L	Y 371.029
Fe 238.204	0.037274b	mg/L	0.000281	0.8	990.156	0.037274 mg/L	Y 371.029
Fe 259.940	0.037448b	mg/L	0.000090	0.2	828.285	0.037448 mg/L	Y 371.029
Ga 287.423	-0.002997uvb	mg/L	0.001695	56.6	16.2949	-0.002997 mg/L	Y 371.029
Ga 294.363	0.001390b	mg/L	0.001150	82.8	24.0107	0.001390 mg/L	Y 371.029
Ga 417.204	-0.002821uvb	mg/L	0.000554	19.6	99.2948	-0.002821 mg/L	Y 371.029
K 766.491	0.378503b	mg/L	0.002241	0.6	28639.3	0.378503 mg/L	Y 371.029
K 769.897	0.351582b	mg/L	0.006999	2.0	34018.2	0.351582 mg/L	Y 371.029
Li 610.365	0.011080b	mg/L	0.000123	1.1	-16.1734	0.011080 mg/L	Y 371.029
Li 670.783	-0.002630uvb	mg/L	0.000090	3.4	61958.9	-0.002630 mg/L	Y 371.029
Mg 279.078	0.293332b	mg/L	0.003092	1.1	482.214	0.293332 mg/L	Y 371.029
Mg 280.270	0.290464b	mg/L	0.004342	1.5	29178.4	0.290464 mg/L	Y 371.029
Mg 285.213	0.280182b	mg/L	0.002794	1.0	10059.1	0.280182 mg/L	Y 371.029
Mn 257.610	0.074423b	mg/L	0.000792	1.1	10762.1	0.074423 mg/L	Y 371.029
Mn 259.372	0.073057b	mg/L	0.000790	1.1	8020.80	0.073057 mg/L	Y 371.029
Mn 260.568	0.073872b	mg/L	0.000106	0.1	1371.38	0.073872 mg/L	Y 371.029
Mo 202.032	-0.079326b	mg/L	0.001736	2.2	42.0722	-0.079326 mg/L	Y 371.029
Mo 203.846	-0.079555b	mg/L	0.001313	1.7	15.6857	-0.079555 mg/L	Y 371.029
Mo 204.598	-0.083475b	mg/L	0.002410	2.9	14.1255	-0.083475 mg/L	Y 371.029
Na 568.821	154.858b	mg/L	0.743909	0.5	40245.9	154.858 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.035345	0.1	39014060	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.456335	0.4	33426328	- mg/L	Y 371.029
Ni 216.555	0.002392b	mg/L	0.000793	33.1	11.4096	0.002392 mg/L	Y 371.029
Ni 221.648	0.000635b	mg/L	0.000351	55.2	4.52755	0.000635 mg/L	Y 371.029
Ni 231.604	0.002078b	mg/L	0.000628	30.2	10.2002	0.002078 mg/L	Y 371.029
P 177.434	0.007017uvb	mg/L	0.003925	55.9	3.10604	0.007017 mg/L	Y 371.029
P 213.618	-0.009839uvb	mg/L	0.003316	33.7	3.47361	-0.009839 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.001885uvb	mg/L	0.000567	30.1	2.72741	0.001885 mg/L	Y 371.029
Pb 220.353	0.003797b	mg/L	0.002037	53.7	9.55060	0.003797 mg/L	Y 371.029
Pb 261.417	-0.027373uvb	mg/L	0.008865	32.4	18.4038	-0.027373 mg/L	Y 371.029
Pb 405.781	-0.014320uvb	mg/L	0.012298	85.9	58.0554	-0.014320 mg/L	Y 371.029
Sb 206.834	-0.009429uvb	mg/L	0.006199	65.7	11.6011	-0.009429 mg/L	Y 371.029
Sb 231.146	0.008164uvb	mg/L	0.001213	14.9	5.54665	0.008164 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.003809	12.2	5.27894	uncal mg/L	Y 371.029
Se 196.026	0.008478b	mg/L	0.003572	42.1	4.96288	0.008478 mg/L	Y 371.029
Se 203.985	0.005161uvb	mg/L	0.009331	180.8	3.77899	0.005161 mg/L	Y 371.029
Si 250.690	0.190638b	mg/L	0.002724	1.4	296.611	0.190638 mg/L	Y 371.029
Si 251.611	0.183531b	mg/L	0.001738	0.9	319.485	0.183531 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001106	0.6	2201.58	uncal mg/L	Y 371.029
Sn 189.927	-0.000266uvb	mg/L	0.002213	830.9	3.67486	-0.000266 mg/L	Y 371.029
Sn 283.998	-0.002571b	mg/L	0.002706	105.3	20.5712	-0.002571 mg/L	Y 371.029
Sr 216.596	0.007594b	mg/L	0.000132	1.7	72.2233	0.007594 mg/L	Y 371.029
Sr 407.771	0.006728b	mg/L	0.000021	0.3	22654.5	0.006728 mg/L	Y 371.029
Sr 421.552	0.006707b	mg/L	0.000017	0.3	14478.0	0.006707 mg/L	Y 371.029
Ti 334.941	0.002657b	mg/L	0.000332	12.5	642.104	0.002657 mg/L	Y 371.029
Ti 336.122	0.002649b	mg/L	0.000288	10.9	276.988	0.002649 mg/L	Y 371.029
Ti 337.280	0.001912b	mg/L	0.000079	4.1	54.8885	0.001912 mg/L	Y 371.029
Tl 190.794	0.004875uvb	mg/L	0.003378	69.3	3.28491	0.004875 mg/L	Y 371.029
Tl 190.807	0.008082b	mg/L	0.005849	72.4	2.00794	0.008082 mg/L	Y 371.029
Tl 351.923	-0.007759uvb	mg/L	0.004868	62.7	4.74736	-0.007759 mg/L	Y 371.029
V 268.796	-0.010387b	mg/L	0.000914	8.8	39.5020	-0.010387 mg/L	Y 371.029
V 292.401	-0.000261uvb	mg/L	0.000028	10.7	45.1629	-0.000261 mg/L	Y 371.029
V 311.837	0.000588b	mg/L	0.000012	2.0	19.1315	0.000588 mg/L	Y 371.029
Zn 202.548	0.048244b	mg/L	0.001576	3.3	1166.47	0.048244 mg/L	Y 371.029
Zn 206.200	0.047208b	mg/L	0.000918	1.9	378.608	0.047208 mg/L	Y 371.029
Zn 213.857	0.042799b	mg/L	0.000779	1.8	2118.45	0.042799 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03126	8269.42	69.157	0.8
Y 371.029	0.851157	140362	1450.593	1.0

11D1172-03 (Samp) **4/27/2011, 3:04:15 PM** **Rack 1, Tube 37**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002549b	mg/L	0.000436	17.1	511.225	-0.002549 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001382	370.5	-2.73883	uncal mg/L	Y 371.029
Al 237.312	0.032674b	mg/L	0.008177	25.0	99.5941	0.032674 mg/L	Y 371.029
Al 257.509	0.016550b	mg/L	0.010644	64.3	43.8523	0.016550 mg/L	Y 371.029
Al 308.215	0.045223b	mg/L	0.000963	2.1	1388.07	0.045223 mg/L	Y 371.029
As 188.980	0.010587uvb	mg/L	0.003131	29.6	5.53526	0.010587 mg/L	Y 371.029
As 193.696	0.012386b	mg/L	0.003232	26.1	4.15921	0.012386 mg/L	Y 371.029
As 228.812	0.012441uvb	mg/L	0.008881	71.4	16.8232	0.012441 mg/L	Y 371.029
B 182.577	0.041763b	mg/L	0.001421	3.4	21.4101	0.041763 mg/L	Y 371.029
B 249.678	0.037922b	mg/L	0.000538	1.4	381.280	0.037922 mg/L	Y 371.029
B 249.772	0.039542b	mg/L	0.000368	0.9	721.958	0.039542 mg/L	Y 371.029
Ba 233.527	0.147915b	mg/L	0.001093	0.7	5854.74	0.147915 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.140990b	mg/L	0.000266	0.2	127179	0.140990 mg/L	Y 371.029
Ba 493.408	0.140116b	mg/L	0.000184	0.1	77558.7	0.140116 mg/L	Y 371.029
Be 234.861	0.000102b	mg/L	0.000046	45.5	9.50074	0.000102 mg/L	Y 371.029
Be 313.042	0.000111b	mg/L	0.000008	7.7	480.400	0.000111 mg/L	Y 371.029
Be 313.107	0.000116b	mg/L	0.000008	6.8	176.982	0.000116 mg/L	Y 371.029
Ca 393.366	2.03800nb	mg/L	0.007570	0.4	2416133	2.03800 mg/L	Y 371.029
Ca 396.847	1.98649b	mg/L	0.006384	0.3	3968463	1.98649 mg/L	Y 371.029
Ca 430.253	1.99241b	mg/L	0.015249	0.8	10074.9	1.99241 mg/L	Y 371.029
Cd 214.439	0.000248b	mg/L	0.000118	47.8	5.11003	0.000248 mg/L	Y 371.029
Cd 226.502	-0.000014b	mg/L	0.000047	350.6	25.4376	-0.000014 mg/L	Y 371.029
Cd 228.802	0.000621b	mg/L	0.000039	6.3	25.1622	0.000621 mg/L	Y 371.029
Co 228.615	0.003382b	mg/L	0.000499	14.8	18.3383	0.003382 mg/L	Y 371.029
Co 230.786	0.001755b	mg/L	0.000030	1.7	11.3736	0.001755 mg/L	Y 371.029
Co 238.892	0.000136b	mg/L	0.000447	329.0	11.1811	0.000136 mg/L	Y 371.029
Cr 205.560	-0.000557uvb	mg/L	0.000053	9.5	4.65984	-0.000557 mg/L	Y 371.029
Cr 206.158	-0.000450uvb	mg/L	0.000862	191.7	2.41051	-0.000450 mg/L	Y 371.029
Cr 267.716	-0.000312uvb	mg/L	0.000167	53.5	26.7922	-0.000312 mg/L	Y 371.029
Cu 213.598	-0.001185b	mg/L	0.000376	31.7	6.55307	-0.001185 mg/L	Y 371.029
Cu 324.754	0.003726uvb	mg/L	0.000324	8.7	355.758	0.003726 mg/L	Y 371.029
Cu 327.395	0.000931b	mg/L	0.000199	21.4	84.5045	0.000931 mg/L	Y 371.029
Fe 234.350	0.001072b	mg/L	0.000871	81.3	138.117	0.001072 mg/L	Y 371.029
Fe 238.204	-0.002632b	mg/L	0.000344	13.1	290.148	-0.002632 mg/L	Y 371.029
Fe 259.940	-0.002721b	mg/L	0.000360	13.2	238.474	-0.002721 mg/L	Y 371.029
Ga 287.423	-0.003800uvb	mg/L	0.000578	15.2	13.7889	-0.003800 mg/L	Y 371.029
Ga 294.363	0.001237b	mg/L	0.001823	147.4	22.9351	0.001237 mg/L	Y 371.029
Ga 417.204	-0.003311uvb	mg/L	0.002187	66.1	94.3257	-0.003311 mg/L	Y 371.029
K 766.491	0.221974b	mg/L	0.001680	0.8	17908.2	0.221974 mg/L	Y 371.029
K 769.897	0.196199b	mg/L	0.004209	2.1	25197.1	0.196199 mg/L	Y 371.029
Li 610.365	0.011342b	mg/L	0.000190	1.7	-3.06421	0.011342 mg/L	Y 371.029
Li 670.783	-0.002319uvb	mg/L	0.000111	4.8	63191.5	-0.002319 mg/L	Y 371.029
Mg 279.078	1.81108b	mg/L	0.016074	0.9	2924.36	1.81108 mg/L	Y 371.029
Mg 280.270	1.77075b	mg/L	0.012351	0.7	175369	1.77075 mg/L	Y 371.029
Mg 285.213	1.79043b	mg/L	0.011215	0.6	63532.0	1.79043 mg/L	Y 371.029
Mn 257.610	0.053005b	mg/L	0.000331	0.6	7644.23	0.053005 mg/L	Y 371.029
Mn 259.372	0.053367b	mg/L	0.000378	0.7	5908.09	0.053367 mg/L	Y 371.029
Mn 260.568	0.053740b	mg/L	0.000603	1.1	1009.46	0.053740 mg/L	Y 371.029
Mo 202.032	-0.080467b	mg/L	0.001175	1.5	34.8185	-0.080467 mg/L	Y 371.029
Mo 203.846	-0.081279b	mg/L	0.001421	1.7	11.5648	-0.081279 mg/L	Y 371.029
Mo 204.598	-0.084684b	mg/L	0.000995	1.2	10.3314	-0.084684 mg/L	Y 371.029
Na 568.821	153.242b	mg/L	0.688069	0.4	39826.7	153.242 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.835210	1.2	37915804	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.50796	1.4	32258704	- mg/L	Y 371.029
Ni 216.555	0.003719b	mg/L	0.000743	20.0	17.9486	0.003719 mg/L	Y 371.029
Ni 221.648	0.002319b	mg/L	0.000289	12.5	7.85018	0.002319 mg/L	Y 371.029
Ni 231.604	0.002991b	mg/L	0.000830	27.8	13.4828	0.002991 mg/L	Y 371.029
P 177.434	0.003952uvb	mg/L	0.003289	83.2	2.66213	0.003952 mg/L	Y 371.029
P 213.618	-0.012354uvb	mg/L	0.002852	23.1	1.80192	-0.012354 mg/L	Y 371.029
P 214.914	0.008242b	mg/L	0.000480	5.8	3.82674	0.008242 mg/L	Y 371.029
Pb 220.353	0.002990b	mg/L	0.001521	50.9	8.69383	0.002990 mg/L	Y 371.029
Pb 261.417	-0.026391b	mg/L	0.006903	26.2	18.5992	-0.026391 mg/L	Y 371.029
Pb 405.781	-0.007127uvb	mg/L	0.016719	234.6	67.1786	-0.007127 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.015313uvb	mg/L	0.002778	18.1	8.26956	-0.015313 mg/L	Y 371.029
Sb 231.146	0.005446uvb	mg/L	0.007893	144.9	4.47321	0.005446 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.015632	85.7	8.97798	uncal mg/L	Y 371.029
Se 196.026	0.003033uvb	mg/L	0.004937	162.8	3.37273	0.003033 mg/L	Y 371.029
Se 203.985	0.009529uvb	mg/L	0.009670	101.5	4.46181	0.009529 mg/L	Y 371.029
Si 250.690	0.268124b	mg/L	0.004428	1.7	393.830	0.268124 mg/L	Y 371.029
Si 251.611	0.263221b	mg/L	0.003228	1.2	432.558	0.263221 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.004238	1.5	2782.55	uncal mg/L	Y 371.029
Sn 189.927	-0.004993uvb	mg/L	0.000842	16.9	2.27531	-0.004993 mg/L	Y 371.029
Sn 283.998	-0.003716uvb	mg/L	0.007346	197.7	18.5050	-0.003716 mg/L	Y 371.029
Sr 216.596	0.013304b	mg/L	0.000311	2.3	116.757	0.013304 mg/L	Y 371.029
Sr 407.771	0.011714b	mg/L	0.000050	0.4	35180.2	0.011714 mg/L	Y 371.029
Sr 421.552	0.011734b	mg/L	0.000052	0.4	22681.9	0.011734 mg/L	Y 371.029
Ti 334.941	0.000957b	mg/L	0.000264	27.6	278.544	0.000957 mg/L	Y 371.029
Ti 336.122	0.000999b	mg/L	0.000063	6.3	128.232	0.000999 mg/L	Y 371.029
Ti 337.280	0.001073b	mg/L	0.000113	10.6	29.2424	0.001073 mg/L	Y 371.029
Tl 190.794	0.002731uvb	mg/L	0.002536	92.8	2.55146	0.002731 mg/L	Y 371.029
Tl 190.807	0.004730b	mg/L	0.004493	95.0	1.40308	0.004730 mg/L	Y 371.029
Tl 351.923	-0.003604uvb	mg/L	0.005788	160.6	11.4188	-0.003604 mg/L	Y 371.029
V 268.796	-0.010788b	mg/L	0.000713	6.6	32.1570	-0.010788 mg/L	Y 371.029
V 292.401	-0.000203uvb	mg/L	0.000259	127.5	46.4361	-0.000203 mg/L	Y 371.029
V 311.837	0.000437b	mg/L	0.000103	23.7	12.0267	0.000437 mg/L	Y 371.029
Zn 202.548	0.060235b	mg/L	0.001236	2.1	1270.63	0.060235 mg/L	Y 371.029
Zn 206.200	0.060270b	mg/L	0.000664	1.1	416.503	0.060270 mg/L	Y 371.029
Zn 213.857	0.055563b	mg/L	0.000387	0.7	2330.83	0.055563 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.05243	8439.18	12.005	0.1
Y 371.029	0.869385	143368	442.436	0.3

11D1172-04 (Samp) **4/27/2011, 3:08:25 PM** **Rack 1, Tube 38**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.003989uvb	mg/L	0.000658	16.5	489.230	-0.003989 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001071	654.3	-3.44557	uncal mg/L	Y 371.029
Al 237.312	0.075572b	mg/L	0.004122	5.5	155.851	0.075572 mg/L	Y 371.029
Al 257.509	0.061061b	mg/L	0.008078	13.2	68.5318	0.061061 mg/L	Y 371.029
Al 308.215	0.099397b	mg/L	0.001220	1.2	1669.61	0.099397 mg/L	Y 371.029
As 188.980	0.014569b	mg/L	0.003062	21.0	6.75124	0.014569 mg/L	Y 371.029
As 193.696	0.011987b	mg/L	0.000768	6.4	3.80002	0.011987 mg/L	Y 371.029
As 228.812	0.014529b	mg/L	0.003443	23.7	17.3483	0.014529 mg/L	Y 371.029
B 182.577	0.032503b	mg/L	0.000664	2.0	18.1614	0.032503 mg/L	Y 371.029
B 249.678	0.031839b	mg/L	0.000736	2.3	342.151	0.031839 mg/L	Y 371.029
B 249.772	0.034127b	mg/L	0.000725	2.1	650.586	0.034127 mg/L	Y 371.029
Ba 233.527	0.128226b	mg/L	0.000802	0.6	5121.67	0.128226 mg/L	Y 371.029
Ba 455.403	0.122240b	mg/L	0.000137	0.1	111220	0.122240 mg/L	Y 371.029
Ba 493.408	0.122113b	mg/L	0.000178	0.1	68177.4	0.122113 mg/L	Y 371.029
Be 234.861	0.000088b	mg/L	0.000043	48.3	7.05591	0.000088 mg/L	Y 371.029
Be 313.042	0.000043b	mg/L	0.000011	24.8	356.202	0.000043 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000034b	mg/L	0.000007	19.5	111.763	0.000034 mg/L	Y 371.029
Ca 393.366	24.1441nb	mg/L	0.083317	0.3	28342778	24.1441 mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.071861	0.3	43116576	- mg/L	Y 371.029
Ca 430.253	34.2670b	mg/L	0.190023	0.6	146962	34.2670 mg/L	Y 371.029
Cd 214.439	0.000394b	mg/L	0.000124	31.5	7.80742	0.000394 mg/L	Y 371.029
Cd 226.502	-0.000069uvb	mg/L	0.000125	181.2	25.9323	-0.000069 mg/L	Y 371.029
Cd 228.802	0.000315uvb	mg/L	0.000325	103.2	20.8031	0.000315 mg/L	Y 371.029
Co 228.615	0.002484b	mg/L	0.000418	16.8	9.77865	0.002484 mg/L	Y 371.029
Co 230.786	0.002384b	mg/L	0.000259	10.9	15.7706	0.002384 mg/L	Y 371.029
Co 238.892	-0.000913uvb	mg/L	0.000506	55.4	5.39800	-0.000913 mg/L	Y 371.029
Cr 205.560	-0.000461uvb	mg/L	0.000376	81.6	6.41383	-0.000461 mg/L	Y 371.029
Cr 206.158	-0.000383b	mg/L	0.000222	58.0	2.49948	-0.000383 mg/L	Y 371.029
Cr 267.716	-0.000398b	mg/L	0.000131	32.9	30.1651	-0.000398 mg/L	Y 371.029
Cu 213.598	0.010615b	mg/L	0.000388	3.7	53.4033	0.010615 mg/L	Y 371.029
Cu 324.754	0.016413b	mg/L	0.000256	1.6	731.916	0.016413 mg/L	Y 371.029
Cu 327.395	0.011366b	mg/L	0.001118	9.8	537.841	0.011366 mg/L	Y 371.029
Fe 234.350	0.069592b	mg/L	0.000539	0.8	764.326	0.069592 mg/L	Y 371.029
Fe 238.204	0.065047b	mg/L	0.000451	0.7	1577.82	0.065047 mg/L	Y 371.029
Fe 259.940	0.064457b	mg/L	0.000483	0.7	1282.29	0.064457 mg/L	Y 371.029
Ga 287.423	-0.006848uvb	mg/L	0.001613	23.6	8.69216	-0.006848 mg/L	Y 371.029
Ga 294.363	0.000834b	mg/L	0.001101	132.1	16.7454	0.000834 mg/L	Y 371.029
Ga 417.204	-0.004016uvb	mg/L	0.001546	38.5	80.6058	-0.004016 mg/L	Y 371.029
K 766.491	1.25298b	mg/L	0.006985	0.6	88821.8	1.25298 mg/L	Y 371.029
K 769.897	1.16925b	mg/L	0.008415	0.7	80575.6	1.16925 mg/L	Y 371.029
Li 610.365	0.012775b	mg/L	0.000297	2.3	68.6676	0.012775 mg/L	Y 371.029
Li 670.783	-0.002692uvb	mg/L	0.000093	3.5	62614.0	-0.002692 mg/L	Y 371.029
Mg 279.078	2.73577b	mg/L	0.016031	0.6	4411.46	2.73577 mg/L	Y 371.029
Mg 280.270	2.71800b	mg/L	0.032630	1.2	269046	2.71800 mg/L	Y 371.029
Mg 285.213	2.73087b	mg/L	0.052302	1.9	96845.5	2.73087 mg/L	Y 371.029
Mn 257.610	0.088935b	mg/L	0.001316	1.5	12854.7	0.088935 mg/L	Y 371.029
Mn 259.372	0.087014b	mg/L	0.001129	1.3	9571.18	0.087014 mg/L	Y 371.029
Mn 260.568	0.088122b	mg/L	0.000212	0.2	1649.24	0.088122 mg/L	Y 371.029
Mo 202.032	-0.086673b	mg/L	0.001759	2.0	31.4662	-0.086673 mg/L	Y 371.029
Mo 203.846	-0.087581b	mg/L	0.001230	1.4	10.1074	-0.087581 mg/L	Y 371.029
Mo 204.598	-0.090740b	mg/L	0.001101	1.2	8.76591	-0.090740 mg/L	Y 371.029
Na 568.821	157.856b	mg/L	0.580720	0.4	41065.7	157.856 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.01994	1.5	38994544	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.03593	1.9	33099704	- mg/L	Y 371.029
Ni 216.555	0.005816b	mg/L	0.000795	13.7	29.5113	0.005816 mg/L	Y 371.029
Ni 221.648	0.003520b	mg/L	0.000344	9.8	10.5687	0.003520 mg/L	Y 371.029
Ni 231.604	0.007061b	mg/L	0.000283	4.0	28.4008	0.007061 mg/L	Y 371.029
P 177.434	0.005765uvb	mg/L	0.002068	35.9	2.87785	0.005765 mg/L	Y 371.029
P 213.618	-0.009039b	mg/L	0.003004	33.2	5.11003	-0.009039 mg/L	Y 371.029
P 214.914	0.011261b	mg/L	0.015741	139.8	4.57023	0.011261 mg/L	Y 371.029
Pb 220.353	0.008742b	mg/L	0.000997	11.4	15.3703	0.008742 mg/L	Y 371.029
Pb 261.417	-0.020627b	mg/L	0.004576	22.2	21.6006	-0.020627 mg/L	Y 371.029
Pb 405.781	-0.013152b	mg/L	0.007498	57.0	71.0122	-0.013152 mg/L	Y 371.029
Sb 206.834	-0.018914uvb	mg/L	0.002281	12.1	8.07507	-0.018914 mg/L	Y 371.029
Sb 231.146	-0.012300uvb	mg/L	0.006144	50.0	1.40151	-0.012300 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.016805	44.5	7.37179	uncal mg/L	Y 371.029
Se 196.026	0.008796b	mg/L	0.002180	24.8	5.93118	0.008796 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.012733uvb	mg/L	0.006378	50.1	4.35490	0.012733 mg/L	Y 371.029
Si 250.690	2.66752b	mg/L	0.027726	1.0	3404.28	2.66752 mg/L	Y 371.029
Si 251.611	2.59279b	mg/L	0.020635	0.8	3790.04	2.59279 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.043625	1.7	20429.3	uncal mg/L	Y 371.029
Sn 189.927	-0.002848uvb	mg/L	0.003317	116.5	2.74469	-0.002848 mg/L	Y 371.029
Sn 283.998	-0.007922uvb	mg/L	0.005347	67.5	15.5945	-0.007922 mg/L	Y 371.029
Sr 216.596	0.073637b	mg/L	0.000866	1.2	595.054	0.073637 mg/L	Y 371.029
Sr 407.771	0.068558b	mg/L	0.000101	0.1	180023	0.068558 mg/L	Y 371.029
Sr 421.552	0.069042b	mg/L	0.000215	0.3	117534	0.069042 mg/L	Y 371.029
Ti 334.941	0.002325b	mg/L	0.000587	25.2	587.620	0.002325 mg/L	Y 371.029
Ti 336.122	0.002237b	mg/L	0.000775	34.7	236.540	0.002237 mg/L	Y 371.029
Ti 337.280	0.002069b	mg/L	0.000571	27.6	66.3753	0.002069 mg/L	Y 371.029
Tl 190.794	0.006950uvb	mg/L	0.004137	59.5	3.63204	0.006950 mg/L	Y 371.029
Tl 190.807	0.006577b	mg/L	0.006311	96.0	1.44040	0.006577 mg/L	Y 371.029
Tl 351.923	0.000226uvb	mg/L	0.000659	291.3	19.6282	0.000226 mg/L	Y 371.029
V 268.796	-0.011335b	mg/L	0.000409	3.6	32.1004	-0.011335 mg/L	Y 371.029
V 292.401	-0.000129b	mg/L	0.000198	153.2	50.4911	-0.000129 mg/L	Y 371.029
V 311.837	0.000329b	mg/L	0.000055	16.7	11.0345	0.000329 mg/L	Y 371.029
Zn 202.548	0.059847b	mg/L	0.001052	1.8	1290.70	0.059847 mg/L	Y 371.029
Zn 206.200	0.060123b	mg/L	0.000392	0.7	423.811	0.060123 mg/L	Y 371.029
Zn 213.857	0.056964b	mg/L	0.000366	0.6	2397.28	0.056964 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03460	8296.23	15.296	0.2
Y 371.029	0.858537	141579	463.996	0.3

11D1172-05 (Samp) **4/27/2011, 3:12:38 PM** **Rack 1, Tube 39**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002051b	mg/L	0.000347	16.9	529.711	-0.002051 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000978	235.1	-2.59073	uncal mg/L	Y 371.029
Al 237.312	0.092898b	mg/L	0.001226	1.3	172.923	0.092898 mg/L	Y 371.029
Al 257.509	0.077525b	mg/L	0.004085	5.3	78.3605	0.077525 mg/L	Y 371.029
Al 308.215	0.108712b	mg/L	0.001694	1.6	1767.51	0.108712 mg/L	Y 371.029
As 188.980	0.008297uvb	mg/L	0.002920	35.2	4.82761	0.008297 mg/L	Y 371.029
As 193.696	0.009632b	mg/L	0.001327	13.8	3.07157	0.009632 mg/L	Y 371.029
As 228.812	0.014342b	mg/L	0.004206	29.3	17.6987	0.014342 mg/L	Y 371.029
B 182.577	0.046987b	mg/L	0.001494	3.2	23.5656	0.046987 mg/L	Y 371.029
B 249.678	0.043703b	mg/L	0.000194	0.4	429.363	0.043703 mg/L	Y 371.029
B 249.772	0.045819b	mg/L	0.000360	0.8	823.029	0.045819 mg/L	Y 371.029
Ba 233.527	0.174425b	mg/L	0.000386	0.2	6868.88	0.174425 mg/L	Y 371.029
Ba 455.403	0.165321b	mg/L	0.000484	0.3	148415	0.165321 mg/L	Y 371.029
Ba 493.408	0.164586b	mg/L	0.000115	0.1	90641.2	0.164586 mg/L	Y 371.029
Be 234.861	0.000143b	mg/L	0.000051	35.5	14.2052	0.000143 mg/L	Y 371.029
Be 313.042	0.000097b	mg/L	0.000005	5.4	456.385	0.000097 mg/L	Y 371.029
Be 313.107	0.000103b	mg/L	0.000006	5.3	165.762	0.000103 mg/L	Y 371.029
Ca 393.366	0.542913nb	mg/L	0.001800	0.3	662288	0.542913 mg/L	Y 371.029
Ca 396.847	0.523852b	mg/L	0.001328	0.3	1074205	0.523852 mg/L	Y 371.029
Ca 430.253	0.499258b	mg/L	0.007661	1.5	3733.19	0.499258 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.000152b	mg/L	0.000048	32.0	3.40862	0.000152 mg/L	Y 371.029
Cd 226.502	-0.000075uvb	mg/L	0.000069	91.5	23.2576	-0.000075 mg/L	Y 371.029
Cd 228.802	0.000021uvb	mg/L	0.000186	881.3	17.0340	0.000021 mg/L	Y 371.029
Co 228.615	0.003732b	mg/L	0.000017	0.4	21.5318	0.003732 mg/L	Y 371.029
Co 230.786	0.002507b	mg/L	0.000631	25.2	15.9688	0.002507 mg/L	Y 371.029
Co 238.892	0.000486b	mg/L	0.000496	102.0	12.9030	0.000486 mg/L	Y 371.029
Cr 205.560	-0.000300uvb	mg/L	0.000177	58.9	5.71703	-0.000300 mg/L	Y 371.029
Cr 206.158	-0.000301b	mg/L	0.000549	182.5	2.84687	-0.000301 mg/L	Y 371.029
Cr 267.716	-0.000265uvb	mg/L	0.000156	59.0	27.6853	-0.000265 mg/L	Y 371.029
Cu 213.598	-0.000581b	mg/L	0.001129	194.5	8.64167	-0.000581 mg/L	Y 371.029
Cu 324.754	0.003442b	mg/L	0.000114	3.3	349.192	0.003442 mg/L	Y 371.029
Cu 327.395	-0.000093uvb	mg/L	0.000497	531.9	39.0514	-0.000093 mg/L	Y 371.029
Fe 234.350	0.004437b	mg/L	0.001412	31.8	162.409	0.004437 mg/L	Y 371.029
Fe 238.204	0.000785b	mg/L	0.000378	48.1	339.482	0.000785 mg/L	Y 371.029
Fe 259.940	0.001272b	mg/L	0.000326	25.6	295.015	0.001272 mg/L	Y 371.029
Ga 287.423	0.001581b	mg/L	0.001459	92.3	25.5656	0.001581 mg/L	Y 371.029
Ga 294.363	0.002140b	mg/L	0.000805	37.6	28.4345	0.002140 mg/L	Y 371.029
Ga 417.204	-0.002841uvb	mg/L	0.002629	92.6	98.5262	-0.002841 mg/L	Y 371.029
K 766.491	0.325297b	mg/L	0.002712	0.8	24966.2	0.325297 mg/L	Y 371.029
K 769.897	0.302669b	mg/L	0.003358	1.1	31183.3	0.302669 mg/L	Y 371.029
Li 610.365	0.011024b	mg/L	0.000088	0.8	-18.9432	0.011024 mg/L	Y 371.029
Li 670.783	-0.002437uvb	mg/L	0.000048	2.0	62536.0	-0.002437 mg/L	Y 371.029
Mg 279.078	0.598880b	mg/L	0.000359	0.1	974.030	0.598880 mg/L	Y 371.029
Mg 280.270	0.589821b	mg/L	0.005332	0.9	58736.3	0.589821 mg/L	Y 371.029
Mg 285.213	0.573717b	mg/L	0.004226	0.7	20451.0	0.573717 mg/L	Y 371.029
Mn 257.610	0.002118b	mg/L	0.000036	1.7	319.871	0.002118 mg/L	Y 371.029
Mn 259.372	0.001244b	mg/L	0.000011	0.9	298.040	0.001244 mg/L	Y 371.029
Mn 260.568	0.001731b	mg/L	0.000139	8.1	46.6819	0.001731 mg/L	Y 371.029
Mo 202.032	-0.081377b	mg/L	0.001054	1.3	26.4991	-0.081377 mg/L	Y 371.029
Mo 203.846	-0.080836b	mg/L	0.001790	2.2	9.86315	-0.080836 mg/L	Y 371.029
Mo 204.598	-0.086328b	mg/L	0.001327	1.5	4.77805	-0.086328 mg/L	Y 371.029
Na 568.821	150.516b	mg/L	0.482964	0.3	39120.1	150.516 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.567777	0.8	38043588	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.949818	0.9	32176314	- mg/L	Y 371.029
Ni 216.555	0.003170b	mg/L	0.000787	24.8	15.0729	0.003170 mg/L	Y 371.029
Ni 221.648	0.002892b	mg/L	0.000612	21.2	8.97032	0.002892 mg/L	Y 371.029
Ni 231.604	0.004171b	mg/L	0.000656	15.7	17.2019	0.004171 mg/L	Y 371.029
P 177.434	0.002504uvb	mg/L	0.006857	273.8	2.46059	0.002504 mg/L	Y 371.029
P 213.618	-0.005565uvb	mg/L	0.006139	110.3	6.10372	-0.005565 mg/L	Y 371.029
P 214.914	0.027132b	mg/L	0.014291	52.7	7.00412	0.027132 mg/L	Y 371.029
Pb 220.353	0.002027b	mg/L	0.001522	75.1	7.60705	0.002027 mg/L	Y 371.029
Pb 261.417	-0.026582uvb	mg/L	0.007490	28.2	18.2236	-0.026582 mg/L	Y 371.029
Pb 405.781	0.007792b	mg/L	0.007312	93.8	84.4469	0.007792 mg/L	Y 371.029
Sb 206.834	-0.013616uvb	mg/L	0.005087	37.4	9.03999	-0.013616 mg/L	Y 371.029
Sb 231.146	0.004855uvb	mg/L	0.006081	125.3	4.08252	0.004855 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.031553	567.2	12.7033	uncal mg/L	Y 371.029
Se 196.026	0.007865b	mg/L	0.002157	27.4	4.74536	0.007865 mg/L	Y 371.029
Se 203.985	0.021503b	mg/L	0.008850	41.2	6.44841	0.021503 mg/L	Y 371.029
Si 250.690	0.111241b	mg/L	0.003140	2.8	196.814	0.111241 mg/L	Y 371.029
Si 251.611	0.119103b	mg/L	0.011821	9.9	225.152	0.119103 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.000296	0.2	1621.64	uncal mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	-0.003331uvb	mg/L	0.001850	55.6	2.75951	-0.003331 mg/L	Y 371.029
Sn 283.998	-0.002523uvb	mg/L	0.005307	210.4	19.9264	-0.002523 mg/L	Y 371.029
Sr 216.596	0.008979b	mg/L	0.000121	1.4	82.6805	0.008979 mg/L	Y 371.029
Sr 407.771	0.008025b	mg/L	0.000022	0.3	25810.7	0.008025 mg/L	Y 371.029
Sr 421.552	0.008091b	mg/L	0.000077	1.0	16668.6	0.008091 mg/L	Y 371.029
Ti 334.941	0.000277uvb	mg/L	0.000300	108.3	137.337	0.000277 mg/L	Y 371.029
Ti 336.122	0.000455b	mg/L	0.000225	49.5	81.1537	0.000455 mg/L	Y 371.029
Ti 337.280	0.000595b	mg/L	0.000320	53.8	14.4188	0.000595 mg/L	Y 371.029
Tl 190.794	0.001977uvb	mg/L	0.002911	147.3	2.30549	0.001977 mg/L	Y 371.029
Tl 190.807	0.002837b	mg/L	0.002502	88.2	1.10183	0.002837 mg/L	Y 371.029
Tl 351.923	-0.000324uvb	mg/L	0.006321	1949.4	16.7636	-0.000324 mg/L	Y 371.029
V 268.796	-0.010365b	mg/L	0.000568	5.5	32.6307	-0.010365 mg/L	Y 371.029
V 292.401	-0.000149uvb	mg/L	0.000186	125.4	48.3503	-0.000149 mg/L	Y 371.029
V 311.837	0.000479b	mg/L	0.000198	41.2	13.9435	0.000479 mg/L	Y 371.029
Zn 202.548	0.185448b	mg/L	0.001321	0.7	2352.71	0.185448 mg/L	Y 371.029
Zn 206.200	0.180486b	mg/L	0.001976	1.1	761.697	0.180486 mg/L	Y 371.029
Zn 213.857	0.174180b	mg/L	0.000314	0.2	4282.94	0.174180 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03029	8261.69	65.619	0.8
Y 371.029	0.850509	140255	1036.245	0.7

1118091-DUP1 (Samp) **4/27/2011, 3:16:30 PM** **Rack 1, Tube 40**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001820b	mg/L	0.000492	27.1	539.163	-0.001820 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000708	75.3	-1.12818	uncal mg/L	Y 371.029
Al 237.312	0.104273b	mg/L	0.005376	5.2	186.747	0.104273 mg/L	Y 371.029
Al 257.509	0.076579b	mg/L	0.000896	1.2	77.5808	0.076579 mg/L	Y 371.029
Al 308.215	0.111963b	mg/L	0.002395	2.1	1789.90	0.111963 mg/L	Y 371.029
As 188.980	0.011824b	mg/L	0.001685	14.3	6.06064	0.011824 mg/L	Y 371.029
As 193.696	0.013524b	mg/L	0.004377	32.4	4.71028	0.013524 mg/L	Y 371.029
As 228.812	0.013101b	mg/L	0.002274	17.4	17.5178	0.013101 mg/L	Y 371.029
B 182.577	0.034968b	mg/L	0.001410	4.0	18.5375	0.034968 mg/L	Y 371.029
B 249.678	0.032514b	mg/L	0.001048	3.2	334.423	0.032514 mg/L	Y 371.029
B 249.772	0.034908b	mg/L	0.001498	4.3	645.253	0.034908 mg/L	Y 371.029
Ba 233.527	0.165471b	mg/L	0.001143	0.7	6525.54	0.165471 mg/L	Y 371.029
Ba 455.403	0.155843b	mg/L	0.000154	0.1	140130	0.155843 mg/L	Y 371.029
Ba 493.408	0.155506b	mg/L	0.000105	0.1	85777.0	0.155506 mg/L	Y 371.029
Be 234.861	0.000114b	mg/L	0.000081	71.3	10.8209	0.000114 mg/L	Y 371.029
Be 313.042	0.000087b	mg/L	0.000009	10.7	441.130	0.000087 mg/L	Y 371.029
Be 313.107	0.000099b	mg/L	0.000013	12.8	162.320	0.000099 mg/L	Y 371.029
Ca 393.366	0.464292nb	mg/L	0.002137	0.5	569837	0.464292 mg/L	Y 371.029
Ca 396.847	0.446749b	mg/L	0.000160	0.0	921342	0.446749 mg/L	Y 371.029
Ca 430.253	0.433549b	mg/L	0.013712	3.2	3447.18	0.433549 mg/L	Y 371.029
Cd 214.439	0.000145b	mg/L	0.000080	55.1	3.21835	0.000145 mg/L	Y 371.029
Cd 226.502	-0.000023uvb	mg/L	0.000167	720.7	24.7677	-0.000023 mg/L	Y 371.029
Cd 228.802	0.000515uvb	mg/L	0.000516	100.1	23.7573	0.000515 mg/L	Y 371.029
Co 228.615	0.003614b	mg/L	0.000317	8.8	20.5805	0.003614 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.001985b	mg/L	0.000376	18.9	12.8193	0.001985 mg/L	Y 371.029
Co 238.892	0.000292b	mg/L	0.000415	141.9	11.8198	0.000292 mg/L	Y 371.029
Cr 205.560	-0.000539uvb	mg/L	0.000159	29.6	4.69556	-0.000539 mg/L	Y 371.029
Cr 206.158	-0.000374uvb	mg/L	0.000997	266.1	2.52715	-0.000374 mg/L	Y 371.029
Cr 267.716	-0.000374uvb	mg/L	0.000177	47.4	25.1958	-0.000374 mg/L	Y 371.029
Cu 213.598	-0.000901b	mg/L	0.000549	60.9	7.21489	-0.000901 mg/L	Y 371.029
Cu 324.754	0.003864b	mg/L	0.000500	12.9	365.262	0.003864 mg/L	Y 371.029
Cu 327.395	0.000640b	mg/L	0.000429	67.1	69.8228	0.000640 mg/L	Y 371.029
Fe 234.350	-0.010526b	mg/L	0.000723	6.9	29.6290	-0.010526 mg/L	Y 371.029
Fe 238.204	-0.014145b	mg/L	0.000395	2.8	65.2048	-0.014145 mg/L	Y 371.029
Fe 259.940	-0.013059b	mg/L	0.000320	2.4	78.1213	-0.013059 mg/L	Y 371.029
Ga 287.423	-0.003989uvb	mg/L	0.002489	62.4	13.0183	-0.003989 mg/L	Y 371.029
Ga 294.363	0.002061b	mg/L	0.000792	38.4	27.7435	0.002061 mg/L	Y 371.029
Ga 417.204	-0.000423b	mg/L	0.001157	273.4	118.711	-0.000423 mg/L	Y 371.029
K 766.491	0.240604b	mg/L	0.002224	0.9	19150.4	0.240604 mg/L	Y 371.029
K 769.897	0.225713b	mg/L	0.005578	2.5	26807.2	0.225713 mg/L	Y 371.029
Li 610.365	0.011221b	mg/L	0.000228	2.0	-9.08323	0.011221 mg/L	Y 371.029
Li 670.783	-0.002429uvb	mg/L	0.000108	4.4	62490.5	-0.002429 mg/L	Y 371.029
Mg 279.078	0.519732b	mg/L	0.002144	0.4	846.728	0.519732 mg/L	Y 371.029
Mg 280.270	0.508039b	mg/L	0.005320	1.0	50651.9	0.508039 mg/L	Y 371.029
Mg 285.213	0.496080b	mg/L	0.005888	1.2	17699.5	0.496080 mg/L	Y 371.029
Mn 257.610	0.001105b	mg/L	0.000067	6.1	177.922	0.001105 mg/L	Y 371.029
Mn 259.372	0.000407b	mg/L	0.000032	7.8	203.266	0.000407 mg/L	Y 371.029
Mn 260.568	0.000893b	mg/L	0.000073	8.2	30.7069	0.000893 mg/L	Y 371.029
Mo 202.032	-0.080412b	mg/L	0.001107	1.4	26.7970	-0.080412 mg/L	Y 371.029
Mo 203.846	-0.080347b	mg/L	0.000425	0.5	9.24107	-0.080347 mg/L	Y 371.029
Mo 204.598	-0.083116b	mg/L	0.001306	1.6	8.64519	-0.083116 mg/L	Y 371.029
Na 568.821	148.857b	mg/L	0.937756	0.6	38690.0	148.857 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.568741	0.8	39116052	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.892888	0.8	33214256	- mg/L	Y 371.029
Ni 216.555	0.002733b	mg/L	0.000246	9.0	12.8162	0.002733 mg/L	Y 371.029
Ni 221.648	0.002661b	mg/L	0.001202	45.2	8.45405	0.002661 mg/L	Y 371.029
Ni 231.604	0.003932b	mg/L	0.000802	20.4	16.3609	0.003932 mg/L	Y 371.029
P 177.434	0.001701uvb	mg/L	0.000825	48.5	2.35201	0.001701 mg/L	Y 371.029
P 213.618	-0.009709uvb	mg/L	0.000979	10.1	3.24861	-0.009709 mg/L	Y 371.029
P 214.914	0.007528b	mg/L	0.003821	50.8	3.68471	0.007528 mg/L	Y 371.029
Pb 220.353	0.003132b	mg/L	0.002064	65.9	8.78069	0.003132 mg/L	Y 371.029
Pb 261.417	-0.017768b	mg/L	0.004305	24.2	22.4435	-0.017768 mg/L	Y 371.029
Pb 405.781	-0.001173b	mg/L	0.006636	565.7	73.0057	-0.001173 mg/L	Y 371.029
Sb 206.834	-0.015943uvb	mg/L	0.003792	23.8	7.63004	-0.015943 mg/L	Y 371.029
Sb 231.146	0.007782uvb	mg/L	0.004533	58.3	5.36700	0.007782 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.020706	171.7	10.7816	uncal mg/L	Y 371.029
Se 196.026	0.006805b	mg/L	0.001654	24.3	4.44912	0.006805 mg/L	Y 371.029
Se 203.985	-0.001072uvb	mg/L	0.007829	730.6	2.81545	-0.001072 mg/L	Y 371.029
Si 250.690	0.080391b	mg/L	0.006436	8.0	157.957	0.080391 mg/L	Y 371.029
Si 251.611	0.077475b	mg/L	0.005906	7.6	165.609	0.077475 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.006449	7.3	1402.45	uncal mg/L	Y 371.029
Sn 189.927	-0.000528uvb	mg/L	0.002809	531.5	3.58619	-0.000528 mg/L	Y 371.029
Sn 283.998	-0.005234uvb	mg/L	0.005346	102.1	15.8239	-0.005234 mg/L	Y 371.029
Sr 216.596	0.008145b	mg/L	0.000167	2.0	76.0990	0.008145 mg/L	Y 371.029
Sr 407.771	0.007111b	mg/L	0.000009	0.1	23506.2	0.007111 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.007093b	mg/L	0.000004	0.1	15032.8	0.007093 mg/L	Y 371.029
Ti 334.941	0.000488b	mg/L	0.000117	24.0	178.080	0.000488 mg/L	Y 371.029
Ti 336.122	0.000497b	mg/L	0.000323	64.9	83.1744	0.000497 mg/L	Y 371.029
Ti 337.280	0.000731b	mg/L	0.000332	45.5	17.9874	0.000731 mg/L	Y 371.029
Tl 190.794	0.003282uvb	mg/L	0.002249	68.5	2.74589	0.003282 mg/L	Y 371.029
Tl 190.807	0.010873b	mg/L	0.004675	43.0	2.48202	0.010873 mg/L	Y 371.029
Tl 351.923	-0.001659uvb	mg/L	0.001160	69.9	14.6852	-0.001659 mg/L	Y 371.029
V 268.796	-0.010230b	mg/L	0.000455	4.4	32.2719	-0.010230 mg/L	Y 371.029
V 292.401	-0.000410uvb	mg/L	0.000159	38.7	40.1203	-0.000410 mg/L	Y 371.029
V 311.837	0.000577b	mg/L	0.000177	30.6	17.9485	0.000577 mg/L	Y 371.029
Zn 202.548	0.057234b	mg/L	0.001950	3.4	1238.63	0.057234 mg/L	Y 371.029
Zn 206.200	0.055843b	mg/L	0.002199	3.9	401.603	0.055843 mg/L	Y 371.029
Zn 213.857	0.051492b	mg/L	0.001527	3.0	2251.37	0.051492 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02249	8199.16	19.241	0.2
Y 371.029	0.842925	139004	535.951	0.4

1118091-MS1 (Samp) **4/27/2011, 3:20:21 PM** **Rack 1, Tube 41**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.048686b	mg/L	0.000273	0.6	2968.05	0.048686 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002689	5.8	126.557	uncal mg/L	Y 371.029
Al 237.312	0.601145b	mg/L	0.003046	0.5	797.638	0.601145 mg/L	Y 371.029
Al 257.509	0.582232b	mg/L	0.009278	1.6	365.855	0.582232 mg/L	Y 371.029
Al 308.215	0.641710b	mg/L	0.001894	0.3	4928.89	0.641710 mg/L	Y 371.029
As 188.980	0.111672b	mg/L	0.002647	2.4	39.6015	0.111672 mg/L	Y 371.029
As 193.696	0.112669b	mg/L	0.002887	2.6	45.3906	0.112669 mg/L	Y 371.029
As 228.812	0.196818b	mg/L	0.001199	0.6	338.250	0.196818 mg/L	Y 371.029
B 182.577	0.152673b	mg/L	0.002734	1.8	67.7477	0.152673 mg/L	Y 371.029
B 249.678	0.151377b	mg/L	0.001885	1.2	1341.37	0.151377 mg/L	Y 371.029
B 249.772	0.150510b	mg/L	0.002724	1.8	2534.54	0.150510 mg/L	Y 371.029
Ba 233.527	0.285358b	mg/L	0.001072	0.4	11123.8	0.285358 mg/L	Y 371.029
Ba 455.403	0.273121b	mg/L	0.000264	0.1	242689	0.273121 mg/L	Y 371.029
Ba 493.408	0.272462b	mg/L	0.000249	0.1	148439	0.272462 mg/L	Y 371.029
Be 234.861	0.100193b	mg/L	0.000550	0.5	11632.8	0.100193 mg/L	Y 371.029
Be 313.042	0.101203b	mg/L	0.000493	0.5	171182	0.101203 mg/L	Y 371.029
Be 313.107	0.101679b	mg/L	0.000562	0.6	84667.6	0.101679 mg/L	Y 371.029
Ca 393.366	1.54606nb	mg/L	0.000663	0.0	1839654	1.54606 mg/L	Y 371.029
Ca 396.847	1.50166b	mg/L	0.000851	0.1	3010007	1.50166 mg/L	Y 371.029
Ca 430.253	1.50411b	mg/L	0.010768	0.7	8012.87	1.50411 mg/L	Y 371.029
Cd 214.439	0.103035b	mg/L	0.000560	0.5	1906.12	0.103035 mg/L	Y 371.029
Cd 226.502	0.103719b	mg/L	0.000335	0.3	3790.96	0.103719 mg/L	Y 371.029
Cd 228.802	0.101918b	mg/L	0.000319	0.3	1413.76	0.101918 mg/L	Y 371.029
Co 228.615	0.105726b	mg/L	0.000230	0.2	895.225	0.105726 mg/L	Y 371.029
Co 230.786	0.104797b	mg/L	0.000621	0.6	631.234	0.104797 mg/L	Y 371.029
Co 238.892	0.099340b	mg/L	0.000352	0.4	566.735	0.099340 mg/L	Y 371.029
Cr 205.560	0.097701b	mg/L	0.000899	0.9	403.436	0.097701 mg/L	Y 371.029
Cr 206.158	0.098577b	mg/L	0.001695	1.7	164.413	0.098577 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.100410b	mg/L	0.000198	0.2	2203.20	0.100410 mg/L	Y 371.029
Cu 213.598	0.100644b	mg/L	0.002271	2.3	404.220	0.100644 mg/L	Y 371.029
Cu 324.754	0.100461b	mg/L	0.000218	0.2	3435.65	0.100461 mg/L	Y 371.029
Cu 327.395	0.098970b	mg/L	0.000218	0.2	4264.94	0.098970 mg/L	Y 371.029
Fe 234.350	0.537021b	mg/L	0.002646	0.5	4789.69	0.537021 mg/L	Y 371.029
Fe 238.204	0.525435b	mg/L	0.002585	0.5	9716.90	0.525435 mg/L	Y 371.029
Fe 259.940	0.520928b	mg/L	0.008067	1.5	7951.68	0.520928 mg/L	Y 371.029
Ga 287.423	0.093893b	mg/L	0.004421	4.7	240.280	0.093893 mg/L	Y 371.029
Ga 294.363	0.097877b	mg/L	0.000896	0.9	600.591	0.097877 mg/L	Y 371.029
Ga 417.204	0.093549b	mg/L	0.000676	0.7	963.062	0.093549 mg/L	Y 371.029
K 766.491	1.46495b	mg/L	0.007638	0.5	103113	1.46495 mg/L	Y 371.029
K 769.897	1.37986b	mg/L	0.007711	0.6	92237.2	1.37986 mg/L	Y 371.029
Li 610.365	0.074224b	mg/L	0.000816	1.1	3143.24	0.074224 mg/L	Y 371.029
Li 670.783	0.106508b	mg/L	0.000443	0.4	437861	0.106508 mg/L	Y 371.029
Mg 279.078	1.63850b	mg/L	0.006269	0.4	2646.71	1.63850 mg/L	Y 371.029
Mg 280.270	1.62302b	mg/L	0.012412	0.8	160799	1.62302 mg/L	Y 371.029
Mg 285.213	1.59628b	mg/L	0.019526	1.2	56662.7	1.59628 mg/L	Y 371.029
Mn 257.610	0.101325b	mg/L	0.001337	1.3	14822.9	0.101325 mg/L	Y 371.029
Mn 259.372	0.100664b	mg/L	0.000910	0.9	11160.9	0.100664 mg/L	Y 371.029
Mn 260.568	0.102544b	mg/L	0.000579	0.6	1911.52	0.102544 mg/L	Y 371.029
Mo 202.032	0.014001b	mg/L	0.001141	8.2	354.747	0.014001 mg/L	Y 371.029
Mo 203.846	0.011940b	mg/L	0.001352	11.3	149.484	0.011940 mg/L	Y 371.029
Mo 204.598	0.009248b	mg/L	0.002210	23.9	168.986	0.009248 mg/L	Y 371.029
Na 568.821	152.824b	mg/L	0.412987	0.3	39723.2	152.824 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.585854	0.9	38419476	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.32845	1.2	32731522	- mg/L	Y 371.029
Ni 216.555	0.105033b	mg/L	0.000684	0.7	531.932	0.105033 mg/L	Y 371.029
Ni 221.648	0.101699b	mg/L	0.000523	0.5	207.791	0.101699 mg/L	Y 371.029
Ni 231.604	0.105596b	mg/L	0.000241	0.2	358.608	0.105596 mg/L	Y 371.029
P 177.434	0.106694b	mg/L	0.006369	6.0	17.9572	0.106694 mg/L	Y 371.029
P 213.618	0.094134b	mg/L	0.005187	5.5	73.4840	0.094134 mg/L	Y 371.029
P 214.914	0.125312b	mg/L	0.011439	9.1	24.6376	0.125312 mg/L	Y 371.029
Pb 220.353	0.103571b	mg/L	0.001421	1.4	117.982	0.103571 mg/L	Y 371.029
Pb 261.417	0.041079b	mg/L	0.002624	6.4	51.8264	0.041079 mg/L	Y 371.029
Pb 405.781	0.091643b	mg/L	0.002600	2.8	191.326	0.091643 mg/L	Y 371.029
Sb 206.834	0.099911b	mg/L	0.007908	7.9	72.6734	0.099911 mg/L	Y 371.029
Sb 231.146	0.121202b	mg/L	0.007379	6.1	52.2067	0.121202 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.006531	7.7	40.0529	uncal mg/L	Y 371.029
Se 196.026	0.100535b	mg/L	0.004439	4.4	31.8387	0.100535 mg/L	Y 371.029
Se 203.985	0.103251b	mg/L	0.011402	11.0	21.3067	0.103251 mg/L	Y 371.029
Si 250.690	0.261500b	mg/L	0.000863	0.3	387.193	0.261500 mg/L	Y 371.029
Si 251.611	0.258821b	mg/L	0.003256	1.3	427.721	0.258821 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002263	0.8	2751.09	uncal mg/L	Y 371.029
Sn 189.927	0.104682b	mg/L	0.003470	3.3	34.8001	0.104682 mg/L	Y 371.029
Sn 283.998	0.098971b	mg/L	0.003410	3.4	260.125	0.098971 mg/L	Y 371.029
Sr 216.596	0.114739b	mg/L	0.000937	0.8	910.240	0.114739 mg/L	Y 371.029
Sr 407.771	0.109328b	mg/L	0.000505	0.5	280415	0.109328 mg/L	Y 371.029
Sr 421.552	0.109304b	mg/L	0.000505	0.5	181924	0.109304 mg/L	Y 371.029
Ti 334.941	0.100885b	mg/L	0.001376	1.4	21656.2	0.100885 mg/L	Y 371.029
Ti 336.122	0.100741b	mg/L	0.001608	1.6	9105.15	0.100741 mg/L	Y 371.029
Ti 337.280	0.100327b	mg/L	0.000291	0.3	3065.20	0.100327 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.098023b	mg/L	0.003782	3.9	35.5894	0.098023 mg/L	Y 371.029
Tl 190.807	0.104879b	mg/L	0.007317	7.0	18.8624	0.104879 mg/L	Y 371.029
Tl 351.923	0.102234b	mg/L	0.001818	1.8	179.768	0.102234 mg/L	Y 371.029
V 268.796	0.088985b	mg/L	0.000706	0.8	965.282	0.088985 mg/L	Y 371.029
V 292.401	0.099887b	mg/L	0.000059	0.1	3036.25	0.099887 mg/L	Y 371.029
V 311.837	0.097993b	mg/L	0.000262	0.3	3995.62	0.097993 mg/L	Y 371.029
Zn 202.548	0.297515b	mg/L	0.001885	0.6	3339.86	0.297515 mg/L	Y 371.029
Zn 206.200	0.288413b	mg/L	0.002244	0.8	1074.91	0.288413 mg/L	Y 371.029
Zn 213.857	0.282056b	mg/L	0.001085	0.4	6090.37	0.282056 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02075	8185.14	30.570	0.4
Y 371.029	0.844593	139279	556.462	0.4

1118091-MSD1 (Samp) **4/27/2011, 3:24:12 PM** **Rack 1, Tube 42**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.048845b	mg/L	0.000228	0.5	2976.15	0.048845 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001684	3.8	121.514	uncal mg/L	Y 371.029
Al 237.312	0.600932b	mg/L	0.008767	1.5	797.412	0.600932 mg/L	Y 371.029
Al 257.509	0.592845b	mg/L	0.013205	2.2	371.939	0.592845 mg/L	Y 371.029
Al 308.215	0.639452b	mg/L	0.003778	0.6	4915.42	0.639452 mg/L	Y 371.029
As 188.980	0.115706b	mg/L	0.006068	5.2	40.9533	0.115706 mg/L	Y 371.029
As 193.696	0.119367b	mg/L	0.003856	3.2	48.1350	0.119367 mg/L	Y 371.029
As 228.812	0.199131b	mg/L	0.005439	2.7	342.027	0.199131 mg/L	Y 371.029
B 182.577	0.156794b	mg/L	0.001746	1.1	69.4688	0.156794 mg/L	Y 371.029
B 249.678	0.159668b	mg/L	0.002670	1.7	1411.52	0.159668 mg/L	Y 371.029
B 249.772	0.157919b	mg/L	0.001059	0.7	2655.21	0.157919 mg/L	Y 371.029
Ba 233.527	0.291575b	mg/L	0.003628	1.2	11362.1	0.291575 mg/L	Y 371.029
Ba 455.403	0.280385b	mg/L	0.000293	0.1	249040	0.280385 mg/L	Y 371.029
Ba 493.408	0.279748b	mg/L	0.000171	0.1	152342	0.279748 mg/L	Y 371.029
Be 234.861	0.101077b	mg/L	0.001141	1.1	11735.5	0.101077 mg/L	Y 371.029
Be 313.042	0.102708b	mg/L	0.000523	0.5	173724	0.102708 mg/L	Y 371.029
Be 313.107	0.103223b	mg/L	0.000438	0.4	85951.8	0.103223 mg/L	Y 371.029
Ca 393.366	1.56341nb	mg/L	0.002676	0.2	1860037	1.56341 mg/L	Y 371.029
Ca 396.847	1.51893b	mg/L	0.002526	0.2	3044230	1.51893 mg/L	Y 371.029
Ca 430.253	1.51380b	mg/L	0.018518	1.2	8055.40	1.51380 mg/L	Y 371.029
Cd 214.439	0.104728b	mg/L	0.001207	1.2	1937.44	0.104728 mg/L	Y 371.029
Cd 226.502	0.104769b	mg/L	0.000454	0.4	3829.10	0.104769 mg/L	Y 371.029
Cd 228.802	0.103042b	mg/L	0.000602	0.6	1429.17	0.103042 mg/L	Y 371.029
Co 228.615	0.107205b	mg/L	0.000984	0.9	907.857	0.107205 mg/L	Y 371.029
Co 230.786	0.106078b	mg/L	0.000378	0.4	638.937	0.106078 mg/L	Y 371.029
Co 238.892	0.099810b	mg/L	0.000102	0.1	569.362	0.099810 mg/L	Y 371.029
Cr 205.560	0.099431b	mg/L	0.000304	0.3	410.452	0.099431 mg/L	Y 371.029
Cr 206.158	0.101277b	mg/L	0.003484	3.4	168.824	0.101277 mg/L	Y 371.029
Cr 267.716	0.102012b	mg/L	0.000316	0.3	2237.78	0.102012 mg/L	Y 371.029
Cu 213.598	0.100947b	mg/L	0.000996	1.0	405.515	0.100947 mg/L	Y 371.029
Cu 324.754	0.101474b	mg/L	0.000467	0.5	3467.55	0.101474 mg/L	Y 371.029
Cu 327.395	0.099993b	mg/L	0.000300	0.3	4308.65	0.099993 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.545601b	mg/L	0.002239	0.4	4864.37	0.545601 mg/L	Y 371.029
Fe 238.204	0.538226b	mg/L	0.007650	1.4	9945.44	0.538226 mg/L	Y 371.029
Fe 259.940	0.527286b	mg/L	0.001560	0.3	8045.93	0.527286 mg/L	Y 371.029
Ga 287.423	0.093968b	mg/L	0.003704	3.9	240.645	0.093968 mg/L	Y 371.029
Ga 294.363	0.098757b	mg/L	0.002017	2.0	605.921	0.098757 mg/L	Y 371.029
Ga 417.204	0.096452b	mg/L	0.000108	0.1	987.935	0.096452 mg/L	Y 371.029
K 766.491	1.48095b	mg/L	0.008294	0.6	104212	1.48095 mg/L	Y 371.029
K 769.897	1.39538b	mg/L	0.012018	0.9	93121.3	1.39538 mg/L	Y 371.029
Li 610.365	0.075514b	mg/L	0.000632	0.8	3207.80	0.075514 mg/L	Y 371.029
Li 670.783	0.107829b	mg/L	0.000576	0.5	442423	0.107829 mg/L	Y 371.029
Mg 279.078	1.65097b	mg/L	0.016055	1.0	2666.76	1.65097 mg/L	Y 371.029
Mg 280.270	1.63923b	mg/L	0.006426	0.4	162402	1.63923 mg/L	Y 371.029
Mg 285.213	1.63381b	mg/L	0.019378	1.2	57991.8	1.63381 mg/L	Y 371.029
Mn 257.610	0.101867b	mg/L	0.000623	0.6	14901.1	0.101867 mg/L	Y 371.029
Mn 259.372	0.101420b	mg/L	0.000901	0.9	11247.9	0.101420 mg/L	Y 371.029
Mn 260.568	0.103745b	mg/L	0.000959	0.9	1933.70	0.103745 mg/L	Y 371.029
Mo 202.032	0.021790b	mg/L	0.001779	8.2	381.979	0.021790 mg/L	Y 371.029
Mo 203.846	0.018730b	mg/L	0.000414	2.2	159.913	0.018730 mg/L	Y 371.029
Mo 204.598	0.017143b	mg/L	0.001217	7.1	182.771	0.017143 mg/L	Y 371.029
Na 568.821	153.270b	mg/L	0.762772	0.5	39838.7	153.270 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.825373	1.2	38796424	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.26827	1.2	32641088	- mg/L	Y 371.029
Ni 216.555	0.106198b	mg/L	0.000359	0.3	537.846	0.106198 mg/L	Y 371.029
Ni 221.648	0.103152b	mg/L	0.000497	0.5	210.718	0.103152 mg/L	Y 371.029
Ni 231.604	0.107083b	mg/L	0.000508	0.5	363.607	0.107083 mg/L	Y 371.029
P 177.434	0.108848b	mg/L	0.005827	5.4	18.2744	0.108848 mg/L	Y 371.029
P 213.618	0.096039b	mg/L	0.003237	3.4	74.7630	0.096039 mg/L	Y 371.029
P 214.914	0.148275b	mg/L	0.027904	18.8	28.5471	0.148275 mg/L	Y 371.029
Pb 220.353	0.107538b	mg/L	0.004433	4.1	122.296	0.107538 mg/L	Y 371.029
Pb 261.417	0.043114b	mg/L	0.006671	15.5	52.8798	0.043114 mg/L	Y 371.029
Pb 405.781	0.093662b	mg/L	0.011282	12.0	193.937	0.093662 mg/L	Y 371.029
Sb 206.834	0.098781b	mg/L	0.002221	2.2	72.0788	0.098781 mg/L	Y 371.029
Sb 231.146	0.127111b	mg/L	0.003982	3.1	54.6167	0.127111 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.011315	16.7	34.9532	uncal mg/L	Y 371.029
Se 196.026	0.114600b	mg/L	0.009410	8.2	35.9411	0.114600 mg/L	Y 371.029
Se 203.985	0.111342b	mg/L	0.022659	20.4	22.6565	0.111342 mg/L	Y 371.029
Si 250.690	0.304832b	mg/L	0.004592	1.5	441.612	0.304832 mg/L	Y 371.029
Si 251.611	0.300659b	mg/L	0.006200	2.1	487.346	0.300659 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.009004	2.9	3039.90	uncal mg/L	Y 371.029
Sn 189.927	0.101307b	mg/L	0.000170	0.2	33.8018	0.101307 mg/L	Y 371.029
Sn 283.998	0.093284b	mg/L	0.002951	3.2	255.029	0.093284 mg/L	Y 371.029
Sr 216.596	0.115934b	mg/L	0.000501	0.4	919.595	0.115934 mg/L	Y 371.029
Sr 407.771	0.110590b	mg/L	0.000299	0.3	283588	0.110590 mg/L	Y 371.029
Sr 421.552	0.110473b	mg/L	0.000154	0.1	183833	0.110473 mg/L	Y 371.029
Ti 334.941	0.100997b	mg/L	0.000429	0.4	21680.7	0.100997 mg/L	Y 371.029
Ti 336.122	0.101483b	mg/L	0.000498	0.5	9172.05	0.101483 mg/L	Y 371.029
Ti 337.280	0.101085b	mg/L	0.000619	0.6	3088.43	0.101085 mg/L	Y 371.029
Tl 190.794	0.100020b	mg/L	0.000821	0.8	36.2784	0.100020 mg/L	Y 371.029
Tl 190.807	0.096693b	mg/L	0.003381	3.5	17.4570	0.096693 mg/L	Y 371.029
Tl 351.923	0.105129b	mg/L	0.001298	1.2	184.342	0.105129 mg/L	Y 371.029
V 268.796	0.090251b	mg/L	0.000480	0.5	983.648	0.090251 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.101281b	mg/L	0.000546	0.5	3077.85	0.101281 mg/L	Y 371.029
V 311.837	0.099419b	mg/L	0.000533	0.5	4053.88	0.099419 mg/L	Y 371.029
Zn 202.548	0.303848b	mg/L	0.002191	0.7	3395.28	0.303848 mg/L	Y 371.029
Zn 206.200	0.295149b	mg/L	0.002217	0.8	1094.48	0.295149 mg/L	Y 371.029
Zn 213.857	0.286631b	mg/L	0.000471	0.2	6166.98	0.286631 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01594	8146.58	65.320	0.8
Y 371.029	0.842032	138857	1497.900	1.1

SEQ-CCV4 (Samp) **4/27/2011, 4:23:02 PM** **Rack 1, Tube 43**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.101888	mg/L	0.000258	0.3	5371.42	0.101888 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000204	0.2	265.200	uncal mg/L	Y 371.029
Al 237.312	2.47456	mg/L	0.005802	0.2	3091.09	2.47456 mg/L	Y 371.029
Al 257.509	2.51224	mg/L	0.019590	0.8	1448.75	2.51224 mg/L	Y 371.029
Al 308.215	2.53220	mg/L	0.005840	0.2	16304.1	2.53220 mg/L	Y 371.029
As 188.980	0.499978	mg/L	0.007471	1.5	173.203	0.499978 mg/L	Y 371.029
As 193.696	0.507631	mg/L	0.004211	0.8	210.069	0.507631 mg/L	Y 371.029
As 228.812	0.641241	mg/L	0.019262	3.0	972.166	0.641241 mg/L	Y 371.029
B 182.577	0.483731	mg/L	0.004103	0.8	206.263	0.483731 mg/L	Y 371.029
B 249.678	0.496080	mg/L	0.010257	2.1	4241.56	0.496080 mg/L	Y 371.029
B 249.772	0.477718	mg/L	0.018580	3.9	7848.00	0.477718 mg/L	Y 371.029
Ba 233.527	0.509468	mg/L	0.004343	0.9	19715.9	0.509468 mg/L	Y 371.029
Ba 455.403	0.498817	mg/L	0.000499	0.1	440243	0.498817 mg/L	Y 371.029
Ba 493.408	0.497389	mg/L	0.000205	0.0	268964	0.497389 mg/L	Y 371.029
Be 234.861	0.507416	mg/L	0.001316	0.3	58934.6	0.507416 mg/L	Y 371.029
Be 313.042	0.500378	mg/L	0.003933	0.8	845203	0.500378 mg/L	Y 371.029
Be 313.107	0.505195	mg/L	0.003869	0.8	420374	0.505195 mg/L	Y 371.029
Ca 393.366	4.77986n	mg/L	0.061813	1.3	5628254	4.77986 mg/L	Y 371.029
Ca 396.847	4.66434	mg/L	0.008659	0.2	9263349	4.66434 mg/L	Y 371.029
Ca 430.253	5.04331	mg/L	0.003579	0.1	22654.9	5.04331 mg/L	Y 371.029
Cd 214.439	0.255627	mg/L	0.001625	0.6	4727.67	0.255627 mg/L	Y 371.029
Cd 226.502	0.256386	mg/L	0.000310	0.1	9329.00	0.256386 mg/L	Y 371.029
Cd 228.802	0.254201	mg/L	0.000312	0.1	3502.24	0.254201 mg/L	Y 371.029
Co 228.615	0.510221	mg/L	0.001077	0.2	4363.62	0.510221 mg/L	Y 371.029
Co 230.786	0.511585	mg/L	0.002790	0.5	3082.03	0.511585 mg/L	Y 371.029
Co 238.892	0.508406	mg/L	0.000149	0.0	2868.54	0.508406 mg/L	Y 371.029
Cr 205.560	0.500993	mg/L	0.003267	0.7	2036.83	0.500993 mg/L	Y 371.029
Cr 206.158	0.500827	mg/L	0.006067	1.2	819.006	0.500827 mg/L	Y 371.029
Cr 267.716	0.502388	mg/L	0.003052	0.6	10875.0	0.502388 mg/L	Y 371.029
Cu 213.598	0.513580	mg/L	0.002978	0.6	2008.91	0.513580 mg/L	Y 371.029
Cu 324.754	0.491209	mg/L	0.000519	0.1	15966.2	0.491209 mg/L	Y 371.029
Cu 327.395	0.486617	mg/L	0.000409	0.1	20754.3	0.486617 mg/L	Y 371.029
Fe 234.350	0.528527	mg/L	0.001654	0.3	4820.91	0.528527 mg/L	Y 371.029
Fe 238.204	0.515210	mg/L	0.010550	2.0	9507.18	0.515210 mg/L	Y 371.029
Fe 259.940	0.520198	mg/L	0.007209	1.4	7902.23	0.520198 mg/L	Y 371.029
Ga 287.423	0.504010	mg/L	0.003299	0.7	1147.02	0.504010 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.508039	mg/L	0.000609	0.1	3038.43	0.508039 mg/L	Y 371.029
Ga 417.204	0.509276	mg/L	0.002437	0.5	4661.22	0.509276 mg/L	Y 371.029
K 766.491	5.29425	mg/L	0.001788	0.0	365059	5.29425 mg/L	Y 371.029
K 769.897	5.10862	mg/L	0.004145	0.1	301981	5.10862 mg/L	Y 371.029
Li 610.365	1.01464	mg/L	0.001886	0.2	50197.0	1.01464 mg/L	Y 371.029
Li 670.783	1.08470	mg/L	0.001605	0.1	3801715	1.08470 mg/L	Y 371.029
Mg 279.078	5.16343	mg/L	0.010024	0.2	8320.10	5.16343 mg/L	Y 371.029
Mg 280.270	5.15105	mg/L	0.025099	0.5	509133	5.15105 mg/L	Y 371.029
Mg 285.213	5.20972	mg/L	0.051619	1.0	184547	5.20972 mg/L	Y 371.029
Mn 257.610	0.499928	mg/L	0.006797	1.4	73050.6	0.499928 mg/L	Y 371.029
Mn 259.372	0.501188	mg/L	0.009858	2.0	54736.8	0.501188 mg/L	Y 371.029
Mn 260.568	0.508537	mg/L	0.003138	0.6	9409.87	0.508537 mg/L	Y 371.029
Mo 202.032	1.04585	mg/L	0.009020	0.9	3580.79	1.04585 mg/L	Y 371.029
Mo 203.846	1.01319	mg/L	0.003866	0.4	1508.38	1.01319 mg/L	Y 371.029
Mo 204.598	1.04106	mg/L	0.006285	0.6	1769.98	1.04106 mg/L	Y 371.029
Na 568.821	5.03386	mg/L	0.053351	1.1	1422.14	5.03386 mg/L	Y 371.029
Na 588.995	5.66973	mg/L	0.016631	0.3	3508350	5.66973 mg/L	Y 371.029
Na 589.592	5.27793	mg/L	0.012471	0.2	1688147	5.27793 mg/L	Y 371.029
Ni 216.555	1.01951	mg/L	0.000460	0.0	5150.18	1.01951 mg/L	Y 371.029
Ni 221.648	1.01053	mg/L	0.002903	0.3	2026.66	1.01053 mg/L	Y 371.029
Ni 231.604	1.02017	mg/L	0.002098	0.2	3424.63	1.02017 mg/L	Y 371.029
P 177.434	0.517502	mg/L	0.004056	0.8	79.7308	0.517502 mg/L	Y 371.029
P 213.618	0.520846	mg/L	0.010726	2.1	354.159	0.520846 mg/L	Y 371.029
P 214.914	0.529556	mg/L	0.008525	1.6	98.1358	0.529556 mg/L	Y 371.029
Pb 220.353	1.01234	mg/L	0.002378	0.2	1104.70	1.01234 mg/L	Y 371.029
Pb 261.417	0.993654	mg/L	0.007273	0.7	508.436	0.993654 mg/L	Y 371.029
Pb 405.781	0.986753	mg/L	0.008691	0.9	1305.39	0.986753 mg/L	Y 371.029
Sb 206.834	0.857470	mg/L	0.013516	1.6	488.328	0.857470 mg/L	Y 371.029
Sb 231.146	0.912463	mg/L	0.022421	2.5	383.610	0.912463 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.020097	2.1	305.557	uncal mg/L	Y 371.029
Se 196.026	1.01667	mg/L	0.017436	1.7	300.460	1.01667 mg/L	Y 371.029
Se 203.985	1.01493	mg/L	0.016379	1.6	176.692	1.01493 mg/L	Y 371.029
Si 250.690	1.04376	mg/L	0.007631	0.7	1364.45	1.04376 mg/L	Y 371.029
Si 251.611	1.03193	mg/L	0.001561	0.2	1531.08	1.03193 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.008041	0.8	8303.61	uncal mg/L	Y 371.029
Sn 189.927	1.04804	mg/L	0.004360	0.4	313.828	1.04804 mg/L	Y 371.029
Sn 283.998	0.997493	mg/L	0.004712	0.5	1896.93	0.997493 mg/L	Y 371.029
Sr 216.596	0.502467	mg/L	0.000708	0.1	3941.21	0.502467 mg/L	Y 371.029
Sr 407.771	0.481163	mg/L	0.002492	0.5	1214746	0.481163 mg/L	Y 371.029
Sr 421.552	0.488492	mg/L	0.003892	0.8	800856	0.488492 mg/L	Y 371.029
Ti 334.941	0.502699	mg/L	0.005535	1.1	107572	0.502699 mg/L	Y 371.029
Ti 336.122	0.510402	mg/L	0.003941	0.8	45948.5	0.510402 mg/L	Y 371.029
Ti 337.280	0.508614	mg/L	0.004027	0.8	15540.5	0.508614 mg/L	Y 371.029
Tl 190.794	0.514160	mg/L	0.003437	0.7	180.535	0.514160 mg/L	Y 371.029
Tl 190.807	0.515753	mg/L	0.003513	0.7	90.5186	0.515753 mg/L	Y 371.029
Tl 351.923	0.514263	mg/L	0.000571	0.1	843.880	0.514263 mg/L	Y 371.029
V 268.796	0.504903	mg/L	0.001993	0.4	5327.25	0.504903 mg/L	Y 371.029
V 292.401	0.495789	mg/L	0.001621	0.3	14841.1	0.495789 mg/L	Y 371.029
V 311.837	0.503703	mg/L	0.001343	0.3	20543.4	0.503703 mg/L	Y 371.029
Zn 202.548	0.523313	mg/L	0.002789	0.5	5223.98	0.523313 mg/L	Y 371.029
Zn 206.200	0.514506	mg/L	0.003078	0.6	1690.57	0.514506 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.500500	mg/L	0.009261	1.9	9587.12	0.500500 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01091	8106.24	31.526	0.4
Y 371.029	0.853651	140773	658.783	0.5

SEQ-CCB4 (Samp) **4/27/2011, 4:27:16 PM** **Rack 1, Tube 44**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000879	mg/L	0.000123	14.0	517.059	0.000879 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001774	133.5	-0.368277	uncal mg/L	Y 371.029
Al 237.312	0.006025	mg/L	0.002279	37.8	55.6632	0.006025 mg/L	Y 371.029
Al 257.509	0.008623	mg/L	0.007100	82.3	23.6495	0.008623 mg/L	Y 371.029
Al 308.215	-0.006110uv	mg/L	0.001341	21.9	1217.48	-0.006110 mg/L	Y 371.029
As 188.980	0.002108	mg/L	0.000697	33.0	5.69358	0.002108 mg/L	Y 371.029
As 193.696	0.008836	mg/L	0.001056	12.0	5.24819	0.008836 mg/L	Y 371.029
As 228.812	0.007837	mg/L	0.004127	52.7	18.1074	0.007837 mg/L	Y 371.029
B 182.577	0.009301	mg/L	0.002079	22.4	7.94573	0.009301 mg/L	Y 371.029
B 249.678	0.007467	mg/L	0.002296	30.7	104.935	0.007467 mg/L	Y 371.029
B 249.772	0.007939	mg/L	0.002159	27.2	194.452	0.007939 mg/L	Y 371.029
Ba 233.527	0.000157	mg/L	0.000091	58.0	180.771	0.000157 mg/L	Y 371.029
Ba 455.403	-0.000101uv	mg/L	0.000022	22.1	3920.63	-0.000101 mg/L	Y 371.029
Ba 493.408	-0.000026uv	mg/L	0.000011	44.3	2461.31	-0.000026 mg/L	Y 371.029
Be 234.861	0.000038	mg/L	0.000019	50.2	0.703227	0.000038 mg/L	Y 371.029
Be 313.042	0.000002uv	mg/L	0.000006	269.0	331.030	0.000002 mg/L	Y 371.029
Be 313.107	0.000006uv	mg/L	0.000010	156.4	80.6213	0.000006 mg/L	Y 371.029
Ca 393.366	-0.002951nuv	mg/L	0.000026	0.9	14994.5	-0.002951 mg/L	Y 371.029
Ca 396.847	-0.002488uv	mg/L	0.000105	4.2	24237.4	-0.002488 mg/L	Y 371.029
Ca 430.253	-0.016558uv	mg/L	0.004692	28.3	1129.38	-0.016558 mg/L	Y 371.029
Cd 214.439	0.000227	mg/L	0.000065	28.8	4.54300	0.000227 mg/L	Y 371.029
Cd 226.502	0.000062uv	mg/L	0.000093	149.5	24.6242	0.000062 mg/L	Y 371.029
Cd 228.802	0.000061uv	mg/L	0.000131	215.7	18.0906	0.000061 mg/L	Y 371.029
Co 228.615	0.000855	mg/L	0.000242	28.3	4.92025	0.000855 mg/L	Y 371.029
Co 230.786	0.000143uv	mg/L	0.000200	139.2	6.84907	0.000143 mg/L	Y 371.029
Co 238.892	0.000266uv	mg/L	0.000602	226.6	5.54427	0.000266 mg/L	Y 371.029
Cr 205.560	-0.000434uv	mg/L	0.000506	116.7	3.48901	-0.000434 mg/L	Y 371.029
Cr 206.158	0.000540	mg/L	0.000368	68.1	2.39527	0.000540 mg/L	Y 371.029
Cr 267.716	-0.000193uv	mg/L	0.000152	78.6	22.1329	-0.000193 mg/L	Y 371.029
Cu 213.598	0.000081	mg/L	0.000141	175.2	1.96731	0.000081 mg/L	Y 371.029
Cu 324.754	-0.000649uv	mg/L	0.000127	19.7	324.859	-0.000649 mg/L	Y 371.029
Cu 327.395	0.000646	mg/L	0.000606	93.8	45.9459	0.000646 mg/L	Y 371.029
Fe 234.350	-0.000084uv	mg/L	0.000295	349.5	13.1250	-0.000084 mg/L	Y 371.029
Fe 238.204	-0.000063uv	mg/L	0.000317	506.7	40.8299	-0.000063 mg/L	Y 371.029
Fe 259.940	-0.000399uv	mg/L	0.000486	121.7	49.4225	-0.000399 mg/L	Y 371.029
Ga 287.423	-0.001072uv	mg/L	0.004154	387.4	14.7408	-0.001072 mg/L	Y 371.029
Ga 294.363	0.003814	mg/L	0.000603	15.8	27.0189	0.003814 mg/L	Y 371.029
Ga 417.204	-0.003071uv	mg/L	0.000853	27.8	85.2213	-0.003071 mg/L	Y 371.029
K 766.491	-0.000550uv	mg/L	0.000343	62.4	1990.12	-0.000550 mg/L	Y 371.029
K 769.897	-0.000465uv	mg/L	0.002037	437.7	12411.5	-0.000465 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.011233	mg/L	0.000241	2.1	-8.50949	0.011233 mg/L	Y 371.029
Li 670.783	-0.001927uv	mg/L	0.000019	1.0	60401.4	-0.001927 mg/L	Y 371.029
Mg 279.078	0.001634uv	mg/L	0.002041	124.9	16.3001	0.001634 mg/L	Y 371.029
Mg 280.270	-0.000277uv	mg/L	0.000037	13.4	273.481	-0.000277 mg/L	Y 371.029
Mg 285.213	0.000420	mg/L	0.000061	14.5	75.7425	0.000420 mg/L	Y 371.029
Mn 257.610	-0.000037uv	mg/L	0.000004	11.1	8.51767	-0.000037 mg/L	Y 371.029
Mn 259.372	-0.000060uv	mg/L	0.000101	166.6	55.2734	-0.000060 mg/L	Y 371.029
Mn 260.568	-0.000073uv	mg/L	0.000027	36.8	6.03356	-0.000073 mg/L	Y 371.029
Mo 202.032	0.021047	mg/L	0.002650	12.6	92.5795	0.021047 mg/L	Y 371.029
Mo 203.846	0.024352	mg/L	0.003748	15.4	38.0639	0.024352 mg/L	Y 371.029
Mo 204.598	0.021563	mg/L	0.002222	10.3	39.1118	0.021563 mg/L	Y 371.029
Na 568.821	0.611468	mg/L	0.049568	8.1	257.528	0.611468 mg/L	Y 371.029
Na 588.995	-0.246662uv	mg/L	0.000607	0.2	186063	-0.246662 mg/L	Y 371.029
Na 589.592	-0.093682uv	mg/L	0.000372	0.4	66655.4	-0.093682 mg/L	Y 371.029
Ni 216.555	0.001056	mg/L	0.000359	34.0	5.70172	0.001056 mg/L	Y 371.029
Ni 221.648	0.000069uv	mg/L	0.000445	643.5	2.32541	0.000069 mg/L	Y 371.029
Ni 231.604	0.001141	mg/L	0.000222	19.4	9.35313	0.001141 mg/L	Y 371.029
P 177.434	-0.004526uv	mg/L	0.004434	98.0	2.09017	-0.004526 mg/L	Y 371.029
P 213.618	0.001554	mg/L	0.001420	91.3	3.71901	0.001554 mg/L	Y 371.029
P 214.914	0.009507	mg/L	0.008359	87.9	4.40659	0.009507 mg/L	Y 371.029
Pb 220.353	-0.000294uv	mg/L	0.000450	153.1	4.26947	-0.000294 mg/L	Y 371.029
Pb 261.417	0.007928	mg/L	0.007597	95.8	19.3867	0.007928 mg/L	Y 371.029
Pb 405.781	0.002002uv	mg/L	0.005051	252.2	60.0544	0.002002 mg/L	Y 371.029
Sb 206.834	0.043953	mg/L	0.003981	9.1	34.0285	0.043953 mg/L	Y 371.029
Sb 231.146	0.043097	mg/L	0.001100	2.6	24.8206	0.043097 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.019619	147.5	21.2939	uncal mg/L	Y 371.029
Se 196.026	0.012480	mg/L	0.004099	32.8	7.06229	0.012480 mg/L	Y 371.029
Se 203.985	0.001342uv	mg/L	0.007859	585.4	4.49251	0.001342 mg/L	Y 371.029
Si 250.690	0.001932uv	mg/L	0.004451	230.4	49.2067	0.001932 mg/L	Y 371.029
Si 251.611	0.002575	mg/L	0.000723	28.1	42.0279	0.002575 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001947	32.3	719.604	uncal mg/L	Y 371.029
Sn 189.927	0.002289	mg/L	0.001686	73.6	3.81845	0.002289 mg/L	Y 371.029
Sn 283.998	-0.000535uv	mg/L	0.001270	237.5	13.0307	-0.000535 mg/L	Y 371.029
Sr 216.596	0.000613uv	mg/L	0.000541	88.3	18.0072	0.000613 mg/L	Y 371.029
Sr 407.771	-0.000055uv	mg/L	0.000006	10.4	5282.80	-0.000055 mg/L	Y 371.029
Sr 421.552	-0.000045uv	mg/L	0.000012	26.8	3202.09	-0.000045 mg/L	Y 371.029
Ti 334.941	0.000856	mg/L	0.000310	36.2	258.484	0.000856 mg/L	Y 371.029
Ti 336.122	0.001023	mg/L	0.000352	34.4	120.477	0.001023 mg/L	Y 371.029
Ti 337.280	0.001296	mg/L	0.000227	17.5	24.0311	0.001296 mg/L	Y 371.029
Tl 190.794	0.002379	mg/L	0.001956	82.2	3.25508	0.002379 mg/L	Y 371.029
Tl 190.807	0.005654	mg/L	0.002421	42.8	0.869550	0.005654 mg/L	Y 371.029
Tl 351.923	-0.010751uv	mg/L	0.005396	50.2	8.74164	-0.010751 mg/L	Y 371.029
V 268.796	0.000790	mg/L	0.000758	95.9	51.7195	0.000790 mg/L	Y 371.029
V 292.401	-0.000340uv	mg/L	0.000373	109.7	34.6668	-0.000340 mg/L	Y 371.029
V 311.837	0.000646	mg/L	0.000177	27.4	15.6781	0.000646 mg/L	Y 371.029
Zn 202.548	0.001644	mg/L	0.000338	20.6	627.935	0.001644 mg/L	Y 371.029
Zn 206.200	0.002216	mg/L	0.000605	27.3	204.815	0.002216 mg/L	Y 371.029
Zn 213.857	-0.000357uv	mg/L	0.000048	13.4	1151.09	-0.000357 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01164	8112.11	54.895	0.7
Y 371.029	0.857916	141476	765.059	0.5

SEQ-CCV5 (Samp) **4/28/2011, 9:52:49 AM** **Rack 1, Tube 45**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.099636	mg/L	0.000332	0.3	5263.36	0.099636 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002047	2.1	273.654	uncal mg/L	Y 371.029
Al 237.312	2.33640	mg/L	0.011692	0.5	2921.22	2.33640 mg/L	Y 371.029
Al 257.509	2.36392	mg/L	0.008289	0.4	1364.29	2.36392 mg/L	Y 371.029
Al 308.215	2.47441	mg/L	0.002132	0.1	15960.2	2.47441 mg/L	Y 371.029
As 188.980	0.479881	mg/L	0.003237	0.7	166.446	0.479881 mg/L	Y 371.029
As 193.696	0.484114	mg/L	0.003280	0.7	200.414	0.484114 mg/L	Y 371.029
As 228.812	0.827503	mg/L	0.011352	1.4	1120.27	0.827503 mg/L	Y 371.029
B 182.577	0.462111	mg/L	0.005678	1.2	197.222	0.462111 mg/L	Y 371.029
B 249.678	0.499288	mg/L	0.010796	2.2	4268.23	0.499288 mg/L	Y 371.029
B 249.772	0.472277	mg/L	0.008103	1.7	7758.94	0.472277 mg/L	Y 371.029
Ba 233.527	0.496844	mg/L	0.001955	0.4	19231.3	0.496844 mg/L	Y 371.029
Ba 455.403	0.492853	mg/L	0.000695	0.1	435022	0.492853 mg/L	Y 371.029
Ba 493.408	0.503219	mg/L	0.001182	0.2	272082	0.503219 mg/L	Y 371.029
Be 234.861	0.489858	mg/L	0.001949	0.4	56895.2	0.489858 mg/L	Y 371.029
Be 313.042	0.479961	mg/L	0.002691	0.6	810730	0.479961 mg/L	Y 371.029
Be 313.107	0.489536	mg/L	0.002748	0.6	407346	0.489536 mg/L	Y 371.029
Ca 393.366	4.71669n	mg/L	0.007577	0.2	5553979	4.71669 mg/L	Y 371.029
Ca 396.847	4.57279	mg/L	0.008844	0.2	9081931	4.57279 mg/L	Y 371.029
Ca 430.253	4.78834	mg/L	0.015475	0.3	21570.3	4.78834 mg/L	Y 371.029
Cd 214.439	0.236063	mg/L	0.001996	0.8	4365.88	0.236063 mg/L	Y 371.029
Cd 226.502	0.244189	mg/L	0.000577	0.2	8886.21	0.244189 mg/L	Y 371.029
Cd 228.802	0.245079	mg/L	0.000715	0.3	3377.17	0.245079 mg/L	Y 371.029
Co 228.615	0.488039	mg/L	0.002285	0.5	4174.07	0.488039 mg/L	Y 371.029
Co 230.786	0.484787	mg/L	0.001406	0.3	2920.84	0.484787 mg/L	Y 371.029
Co 238.892	0.489386	mg/L	0.001863	0.4	2761.31	0.489386 mg/L	Y 371.029
Cr 205.560	0.473289	mg/L	0.002532	0.5	1924.49	0.473289 mg/L	Y 371.029
Cr 206.158	0.478212	mg/L	0.002974	0.6	782.038	0.478212 mg/L	Y 371.029
Cr 267.716	0.480822	mg/L	0.000721	0.1	10409.1	0.480822 mg/L	Y 371.029
Cu 213.598	0.477372	mg/L	0.003059	0.6	1867.80	0.477372 mg/L	Y 371.029
Cu 324.754	0.474103	mg/L	0.001148	0.2	15422.7	0.474103 mg/L	Y 371.029
Cu 327.395	0.467775	mg/L	0.000243	0.1	19951.2	0.467775 mg/L	Y 371.029
Fe 234.350	0.505574	mg/L	0.001863	0.4	4609.77	0.505574 mg/L	Y 371.029
Fe 238.204	0.493546	mg/L	0.004603	0.9	9105.79	0.493546 mg/L	Y 371.029
Fe 259.940	0.501690	mg/L	0.002667	0.5	7618.73	0.501690 mg/L	Y 371.029
Ga 287.423	0.482845	mg/L	0.003475	0.7	1099.48	0.482845 mg/L	Y 371.029
Ga 294.363	0.486292	mg/L	0.001424	0.3	2908.52	0.486292 mg/L	Y 371.029
Ga 417.204	0.488724	mg/L	0.001195	0.2	4486.01	0.488724 mg/L	Y 371.029
K 766.491	5.05835	mg/L	0.010627	0.2	348882	5.05835 mg/L	Y 371.029
K 769.897	4.87161	mg/L	0.014477	0.3	288550	4.87161 mg/L	Y 371.029
Li 610.365	0.985036	mg/L	0.002595	0.3	48715.8	0.985036 mg/L	Y 371.029
Li 670.783	1.04982	mg/L	0.003949	0.4	3681591	1.04982 mg/L	Y 371.029
Mg 279.078	4.95092	mg/L	0.011476	0.2	7978.20	4.95092 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	4.99456	mg/L	0.020911	0.4	493672	4.99456 mg/L	Y 371.029
Mg 285.213	5.07267	mg/L	0.044873	0.9	179693	5.07267 mg/L	Y 371.029
Mn 257.610	0.484401	mg/L	0.007105	1.5	70760.5	0.484401 mg/L	Y 371.029
Mn 259.372	0.489632	mg/L	0.006609	1.3	53461.3	0.489632 mg/L	Y 371.029
Mn 260.568	0.489860	mg/L	0.003256	0.7	9063.96	0.489860 mg/L	Y 371.029
Mo 202.032	0.993969	mg/L	0.017727	1.8	3404.41	0.993969 mg/L	Y 371.029
Mo 203.846	0.977377	mg/L	0.017916	1.8	1455.13	0.977377 mg/L	Y 371.029
Mo 204.598	0.994294	mg/L	0.015061	1.5	1690.66	0.994294 mg/L	Y 371.029
Na 568.821	4.93358	mg/L	0.012940	0.3	1395.19	4.93358 mg/L	Y 371.029
Na 588.995	5.27052	mg/L	0.029530	0.6	3284249	5.27052 mg/L	Y 371.029
Na 589.592	4.93421	mg/L	0.028639	0.6	1584429	4.93421 mg/L	Y 371.029
Ni 216.555	0.955806	mg/L	0.002391	0.3	4828.48	0.955806 mg/L	Y 371.029
Ni 221.648	0.957422	mg/L	0.003473	0.4	1920.28	0.957422 mg/L	Y 371.029
Ni 231.604	0.974402	mg/L	0.004109	0.4	3271.23	0.974402 mg/L	Y 371.029
P 177.434	0.490408	mg/L	0.004557	0.9	75.6916	0.490408 mg/L	Y 371.029
P 213.618	0.474153	mg/L	0.003826	0.8	322.933	0.474153 mg/L	Y 371.029
P 214.914	0.508087	mg/L	0.026096	5.1	94.1609	0.508087 mg/L	Y 371.029
Pb 220.353	0.942714	mg/L	0.001607	0.2	1029.04	0.942714 mg/L	Y 371.029
Pb 261.417	0.945512	mg/L	0.011958	1.3	484.578	0.945512 mg/L	Y 371.029
Pb 405.781	0.936673	mg/L	0.006827	0.7	1242.14	0.936673 mg/L	Y 371.029
Sb 206.834	0.825928	mg/L	0.014339	1.7	470.683	0.825928 mg/L	Y 371.029
Sb 231.146	0.857909	mg/L	0.011137	1.3	361.142	0.857909 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.022359	2.4	293.122	uncal mg/L	Y 371.029
Se 196.026	0.955337	mg/L	0.028627	3.0	282.546	0.955337 mg/L	Y 371.029
Se 203.985	0.957981	mg/L	0.028053	2.9	167.109	0.957981 mg/L	Y 371.029
Si 250.690	1.01216	mg/L	0.003804	0.4	1324.45	1.01216 mg/L	Y 371.029
Si 251.611	0.993284	mg/L	0.004924	0.5	1475.00	0.993284 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.007827	0.8	8092.79	uncal mg/L	Y 371.029
Sn 189.927	1.03816	mg/L	0.005415	0.5	310.897	1.03816 mg/L	Y 371.029
Sn 283.998	0.954652	mg/L	0.006666	0.7	1814.88	0.954652 mg/L	Y 371.029
Sr 216.596	0.459942	mg/L	0.002248	0.5	3608.85	0.459942 mg/L	Y 371.029
Sr 407.771	0.471300	mg/L	0.002008	0.4	1189943	0.471300 mg/L	Y 371.029
Sr 421.552	0.484028	mg/L	0.001945	0.4	793557	0.484028 mg/L	Y 371.029
Ti 334.941	0.496289	mg/L	0.002779	0.6	106195	0.496289 mg/L	Y 371.029
Ti 336.122	0.511555	mg/L	0.002026	0.4	46048.9	0.511555 mg/L	Y 371.029
Ti 337.280	0.504431	mg/L	0.003111	0.6	15411.6	0.504431 mg/L	Y 371.029
Tl 190.794	0.493480	mg/L	0.004959	1.0	173.370	0.493480 mg/L	Y 371.029
Tl 190.807	0.495588	mg/L	0.010705	2.2	86.9793	0.495588 mg/L	Y 371.029
Tl 351.923	0.522415	mg/L	0.002937	0.6	856.820	0.522415 mg/L	Y 371.029
V 268.796	0.488750	mg/L	0.003176	0.6	5153.72	0.488750 mg/L	Y 371.029
V 292.401	0.473237	mg/L	0.002045	0.4	14168.4	0.473237 mg/L	Y 371.029
V 311.837	0.480489	mg/L	0.000732	0.2	19596.0	0.480489 mg/L	Y 371.029
Zn 202.548	0.467765	mg/L	0.003985	0.9	4737.78	0.467765 mg/L	Y 371.029
Zn 206.200	0.464164	mg/L	0.004196	0.9	1545.00	0.464164 mg/L	Y 371.029
Zn 213.857	0.458129	mg/L	0.003971	0.9	8878.65	0.458129 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.946981	7593.63	26.429	0.3
Y 371.029	0.848825	139977	656.027	0.5

110427A. All Data Report 4/28/2011, 16:51:27

SEQ-CCB5 (Samp) **4/28/2011, 9:57:02 AM** **Rack 1, Tube 46**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000164uv	mg/L	0.000591	361.6	466.878	-0.000164 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000720	369.9	-3.60206	uncal mg/L	Y 371.029
Al 237.312	0.012330	mg/L	0.007825	63.5	63.4013	0.012330 mg/L	Y 371.029
Al 257.509	0.016176	mg/L	0.008900	55.0	27.9435	0.016176 mg/L	Y 371.029
Al 308.215	0.028796	mg/L	0.001391	4.8	1424.28	0.028796 mg/L	Y 371.029
As 188.980	0.000756uv	mg/L	0.000962	127.3	5.23882	0.000756 mg/L	Y 371.029
As 193.696	0.006087	mg/L	0.002825	46.4	4.12066	0.006087 mg/L	Y 371.029
As 228.812	0.006751	mg/L	0.003573	52.9	17.0109	0.006751 mg/L	Y 371.029
B 182.577	0.005326	mg/L	0.002065	38.8	6.28612	0.005326 mg/L	Y 371.029
B 249.678	0.006948	mg/L	0.001790	25.8	100.542	0.006948 mg/L	Y 371.029
B 249.772	0.007467	mg/L	0.001956	26.2	186.773	0.007467 mg/L	Y 371.029
Ba 233.527	0.000303	mg/L	0.000124	40.9	186.361	0.000303 mg/L	Y 371.029
Ba 455.403	0.000083	mg/L	0.000038	45.9	4082.30	0.000083 mg/L	Y 371.029
Ba 493.408	0.000249	mg/L	0.000026	10.3	2608.45	0.000249 mg/L	Y 371.029
Be 234.861	0.000041	mg/L	0.000021	50.1	1.05969	0.000041 mg/L	Y 371.029
Be 313.042	0.000067	mg/L	0.000012	17.8	441.041	0.000067 mg/L	Y 371.029
Be 313.107	0.000017	mg/L	0.000009	52.5	89.9430	0.000017 mg/L	Y 371.029
Ca 393.366	-0.002915nuv	mg/L	0.000037	1.3	15028.3	-0.002915 mg/L	Y 371.029
Ca 396.847	-0.002172uv	mg/L	0.000027	1.2	24851.7	-0.002172 mg/L	Y 371.029
Ca 430.253	-0.007854uv	mg/L	0.006286	80.0	1166.01	-0.007854 mg/L	Y 371.029
Cd 214.439	0.000260	mg/L	0.000044	16.8	5.14819	0.000260 mg/L	Y 371.029
Cd 226.502	-0.000029uv	mg/L	0.000069	238.5	21.3111	-0.000029 mg/L	Y 371.029
Cd 228.802	-0.000036uv	mg/L	0.000275	770.7	16.7657	-0.000036 mg/L	Y 371.029
Co 228.615	0.001601	mg/L	0.000748	46.7	11.3348	0.001601 mg/L	Y 371.029
Co 230.786	0.000382	mg/L	0.000411	107.6	8.29861	0.000382 mg/L	Y 371.029
Co 238.892	0.000413	mg/L	0.000222	53.7	6.37401	0.000413 mg/L	Y 371.029
Cr 205.560	-0.000374uv	mg/L	0.000397	106.2	3.73392	-0.000374 mg/L	Y 371.029
Cr 206.158	0.000691	mg/L	0.000624	90.3	2.63910	0.000691 mg/L	Y 371.029
Cr 267.716	-0.000134uv	mg/L	0.000197	147.7	23.4578	-0.000134 mg/L	Y 371.029
Cu 213.598	0.000350	mg/L	0.000161	45.9	2.98454	0.000350 mg/L	Y 371.029
Cu 324.754	0.000126uv	mg/L	0.000176	139.1	349.646	0.000126 mg/L	Y 371.029
Cu 327.395	0.000285uv	mg/L	0.000452	158.5	30.5565	0.000285 mg/L	Y 371.029
Fe 234.350	-0.000062uv	mg/L	0.000842	1349.3	13.4923	-0.000062 mg/L	Y 371.029
Fe 238.204	0.000130	mg/L	0.000208	160.7	44.2751	0.000130 mg/L	Y 371.029
Fe 259.940	0.000122uv	mg/L	0.000261	213.9	57.1074	0.000122 mg/L	Y 371.029
Ga 287.423	0.000259uv	mg/L	0.005032	1943.0	17.6534	0.000259 mg/L	Y 371.029
Ga 294.363	0.004813	mg/L	0.001139	23.7	32.9529	0.004813 mg/L	Y 371.029
Ga 417.204	-0.002014uv	mg/L	0.000816	40.5	94.0822	-0.002014 mg/L	Y 371.029
K 766.491	-0.001540uv	mg/L	0.000357	23.2	1921.78	-0.001540 mg/L	Y 371.029
K 769.897	-0.003605uv	mg/L	0.001149	31.9	12232.7	-0.003605 mg/L	Y 371.029
Li 610.365	0.011354	mg/L	0.000234	2.1	-2.43477	0.011354 mg/L	Y 371.029
Li 670.783	-0.002837uv	mg/L	0.000025	0.9	57265.8	-0.002837 mg/L	Y 371.029
Mg 279.078	-0.001143uv	mg/L	0.001120	98.0	11.8375	-0.001143 mg/L	Y 371.029
Mg 280.270	-0.000109uv	mg/L	0.000057	51.9	289.858	-0.000109 mg/L	Y 371.029
Mg 285.213	0.000677	mg/L	0.000077	11.4	84.7542	0.000677 mg/L	Y 371.029
Mn 257.610	-0.000048uv	mg/L	0.000040	83.0	9.20325	-0.000048 mg/L	Y 371.029
Mn 259.372	-0.000044	mg/L	0.000031	70.0	55.9253	-0.000044 mg/L	Y 371.029
Mn 260.568	-0.000094uv	mg/L	0.000037	39.1	5.68992	-0.000094 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.020654	mg/L	0.001998	9.7	91.1034	0.020654 mg/L	Y 371.029
Mo 203.846	0.021887	mg/L	0.002305	10.5	34.3504	0.021887 mg/L	Y 371.029
Mo 204.598	0.021327	mg/L	0.002125	10.0	38.6364	0.021327 mg/L	Y 371.029
Na 568.821	0.525620	mg/L	0.060638	11.5	235.247	0.525620 mg/L	Y 371.029
Na 588.995	-0.260190uv	mg/L	0.001058	0.4	178474	-0.260190 mg/L	Y 371.029
Na 589.592	-0.102088uv	mg/L	0.000157	0.2	64119.4	-0.102088 mg/L	Y 371.029
Ni 216.555	0.001098	mg/L	0.000159	14.5	5.91314	0.001098 mg/L	Y 371.029
Ni 221.648	0.001346	mg/L	0.000754	56.0	4.88081	0.001346 mg/L	Y 371.029
Ni 231.604	0.001270	mg/L	0.000483	38.0	9.78431	0.001270 mg/L	Y 371.029
P 177.434	0.002879	mg/L	0.003432	119.2	3.18821	0.002879 mg/L	Y 371.029
P 213.618	0.001895uv	mg/L	0.002223	117.3	3.93842	0.001895 mg/L	Y 371.029
P 214.914	0.007174	mg/L	0.003717	51.8	4.00943	0.007174 mg/L	Y 371.029
Pb 220.353	0.001939	mg/L	0.001078	55.6	6.69463	0.001939 mg/L	Y 371.029
Pb 261.417	0.000356uv	mg/L	0.003907	1097.4	15.6175	0.000356 mg/L	Y 371.029
Pb 405.781	-0.005937uv	mg/L	0.003356	56.5	50.0788	-0.005937 mg/L	Y 371.029
Sb 206.834	0.040124	mg/L	0.001816	4.5	31.8998	0.040124 mg/L	Y 371.029
Sb 231.146	0.043950	mg/L	0.007033	16.0	25.1735	0.043950 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.020508	142.6	21.6152	uncal mg/L	Y 371.029
Se 196.026	0.016606	mg/L	0.001135	6.8	8.26648	0.016606 mg/L	Y 371.029
Se 203.985	0.008985	mg/L	0.002973	33.1	5.73367	0.008985 mg/L	Y 371.029
Si 250.690	0.010243	mg/L	0.003326	32.5	59.6313	0.010243 mg/L	Y 371.029
Si 251.611	0.008114	mg/L	0.001809	22.3	49.8457	0.008114 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002290	121.9	778.017	uncal mg/L	Y 371.029
Sn 189.927	-0.000880uv	mg/L	0.001904	216.4	2.87899	-0.000880 mg/L	Y 371.029
Sn 283.998	0.000642uv	mg/L	0.001080	168.2	14.7938	0.000642 mg/L	Y 371.029
Sr 216.596	0.000340	mg/L	0.000292	85.9	15.8730	0.000340 mg/L	Y 371.029
Sr 407.771	-0.000091uv	mg/L	0.000006	7.0	5191.10	-0.000091 mg/L	Y 371.029
Sr 421.552	-0.000045uv	mg/L	0.000013	28.2	3202.01	-0.000045 mg/L	Y 371.029
Ti 334.941	0.000991	mg/L	0.000347	35.0	287.293	0.000991 mg/L	Y 371.029
Ti 336.122	0.000983	mg/L	0.000213	21.7	116.945	0.000983 mg/L	Y 371.029
Ti 337.280	0.001226	mg/L	0.000428	34.9	21.8855	0.001226 mg/L	Y 371.029
Tl 190.794	0.001876uv	mg/L	0.004352	232.0	3.08161	0.001876 mg/L	Y 371.029
Tl 190.807	0.009352	mg/L	0.005468	58.5	1.50564	0.009352 mg/L	Y 371.029
Tl 351.923	-0.006407uv	mg/L	0.007965	124.3	15.6445	-0.006407 mg/L	Y 371.029
V 268.796	0.000709	mg/L	0.000760	107.3	48.3163	0.000709 mg/L	Y 371.029
V 292.401	-0.000427uv	mg/L	0.000231	54.1	32.0726	-0.000427 mg/L	Y 371.029
V 311.837	0.000489	mg/L	0.000090	18.4	9.28734	0.000489 mg/L	Y 371.029
Zn 202.548	-0.002798uv	mg/L	0.000232	8.3	589.337	-0.002798 mg/L	Y 371.029
Zn 206.200	-0.001077uv	mg/L	0.000161	14.9	195.290	-0.001077 mg/L	Y 371.029
Zn 213.857	-0.003226uv	mg/L	0.000196	6.1	1103.66	-0.003226 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.933440	7485.05	26.041	0.3
Y 371.029	0.835874	137842	586.010	0.4

1118047-BLK1 (Samp)	**4/28/2011, 10:00:01 AM**	**Rack 1, Tube 47**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 1**

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000428	mg/L	0.000276	64.6	495.568	0.000428 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000149	66.9	-4.86799	uncal mg/L	Y 371.029
Al 237.312	0.015516	mg/L	0.004012	25.9	67.3249	0.015516 mg/L	Y 371.029
Al 257.509	0.009893uv	mg/L	0.013015	131.6	24.3893	0.009893 mg/L	Y 371.029
Al 308.215	0.034528	mg/L	0.001303	3.8	1457.56	0.034528 mg/L	Y 371.029
As 188.980	0.005057	mg/L	0.002026	40.1	6.68603	0.005057 mg/L	Y 371.029
As 193.696	0.003326uv	mg/L	0.004224	127.0	2.98325	0.003326 mg/L	Y 371.029
As 228.812	0.002618	mg/L	0.003005	114.8	13.5988	0.002618 mg/L	Y 371.029
B 182.577	0.006191	mg/L	0.002583	41.7	6.64891	0.006191 mg/L	Y 371.029
B 249.678	0.003520	mg/L	0.000853	24.2	71.6858	0.003520 mg/L	Y 371.029
B 249.772	0.003727	mg/L	0.000505	13.6	126.246	0.003727 mg/L	Y 371.029
Ba 233.527	0.000304	mg/L	0.000063	20.9	186.453	0.000304 mg/L	Y 371.029
Ba 455.403	0.000091	mg/L	0.000014	15.3	4089.61	0.000091 mg/L	Y 371.029
Ba 493.408	0.000279	mg/L	0.000042	14.9	2624.85	0.000279 mg/L	Y 371.029
Be 234.861	0.000062	mg/L	0.000011	18.1	3.38563	0.000062 mg/L	Y 371.029
Be 313.042	0.000155	mg/L	0.000003	2.0	589.890	0.000155 mg/L	Y 371.029
Be 313.107	0.000035	mg/L	0.000012	34.8	104.277	0.000035 mg/L	Y 371.029
Ca 393.366	0.030482n	mg/L	0.000035	0.1	54222.9	0.030482 mg/L	Y 371.029
Ca 396.847	0.029916	mg/L	0.000359	1.2	88365.8	0.029916 mg/L	Y 371.029
Ca 430.253	0.033757	mg/L	0.003237	9.6	1343.46	0.033757 mg/L	Y 371.029
Cd 214.439	0.000346	mg/L	0.000076	22.1	6.74829	0.000346 mg/L	Y 371.029
Cd 226.502	-0.000001uv	mg/L	0.000118	11798.0	22.3922	-0.000001 mg/L	Y 371.029
Cd 228.802	0.000096uv	mg/L	0.000144	151.0	18.5642	0.000096 mg/L	Y 371.029
Co 228.615	0.001275	mg/L	0.000096	7.5	8.60884	0.001275 mg/L	Y 371.029
Co 230.786	0.000157uv	mg/L	0.000721	458.7	6.98436	0.000157 mg/L	Y 371.029
Co 238.892	-0.000138uv	mg/L	0.000156	113.1	3.16809	-0.000138 mg/L	Y 371.029
Cr 205.560	0.004182	mg/L	0.000340	8.1	22.1873	0.004182 mg/L	Y 371.029
Cr 206.158	0.005893	mg/L	0.001456	24.7	11.1267	0.005893 mg/L	Y 371.029
Cr 267.716	0.004720	mg/L	0.000251	5.3	128.165	0.004720 mg/L	Y 371.029
Cu 213.598	0.002038	mg/L	0.000575	28.2	9.54112	0.002038 mg/L	Y 371.029
Cu 324.754	0.001225	mg/L	0.000177	14.4	384.417	0.001225 mg/L	Y 371.029
Cu 327.395	0.001579	mg/L	0.000362	22.9	85.9220	0.001579 mg/L	Y 371.029
Fe 234.350	0.018770	mg/L	0.000404	2.2	176.230	0.018770 mg/L	Y 371.029
Fe 238.204	0.017761	mg/L	0.000260	1.5	358.476	0.017761 mg/L	Y 371.029
Fe 259.940	0.018364	mg/L	0.000399	2.2	325.193	0.018364 mg/L	Y 371.029
Ga 287.423	0.001509	mg/L	0.000798	52.8	20.7296	0.001509 mg/L	Y 371.029
Ga 294.363	0.003801	mg/L	0.000597	15.7	27.0051	0.003801 mg/L	Y 371.029
Ga 417.204	-0.002478uv	mg/L	0.001998	80.6	90.5586	-0.002478 mg/L	Y 371.029
K 766.491	0.025005	mg/L	0.000292	1.2	3742.63	0.025005 mg/L	Y 371.029
K 769.897	0.025303	mg/L	0.002292	9.1	13873.3	0.025303 mg/L	Y 371.029
Li 610.365	0.011357	mg/L	0.000073	0.6	-2.29637	0.011357 mg/L	Y 371.029
Li 670.783	-0.002715uv	mg/L	0.000145	5.3	57699.0	-0.002715 mg/L	Y 371.029
Mg 279.078	0.009805	mg/L	0.000905	9.2	29.4564	0.009805 mg/L	Y 371.029
Mg 280.270	0.009057	mg/L	0.000030	0.3	1195.81	0.009057 mg/L	Y 371.029
Mg 285.213	0.009133	mg/L	0.000108	1.2	384.376	0.009133 mg/L	Y 371.029
Mn 257.610	0.000482	mg/L	0.000008	1.7	86.9557	0.000482 mg/L	Y 371.029
Mn 259.372	0.000445	mg/L	0.000009	2.1	108.781	0.000445 mg/L	Y 371.029
Mn 260.568	0.000463	mg/L	0.000258	55.7	16.0733	0.000463 mg/L	Y 371.029
Mo 202.032	0.013062	mg/L	0.001873	14.3	65.8608	0.013062 mg/L	Y 371.029
Mo 203.846	0.015779	mg/L	0.001986	12.6	25.5343	0.015779 mg/L	Y 371.029
Mo 204.598	0.014155	mg/L	0.001280	9.0	26.7747	0.014155 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	0.792392	mg/L	0.020043	2.5	304.452	0.792392 mg/L	Y 371.029
Na 588.995	-0.245694uv	mg/L	0.001113	0.5	186613	-0.245694 mg/L	Y 371.029
Na 589.592	-0.089087uv	mg/L	0.000120	0.1	68045.7	-0.089087 mg/L	Y 371.029
Ni 216.555	0.002465	mg/L	0.000364	14.8	12.9015	0.002465 mg/L	Y 371.029
Ni 221.648	0.001337	mg/L	0.000788	59.0	4.89724	0.001337 mg/L	Y 371.029
Ni 231.604	0.000910uv	mg/L	0.000895	98.4	8.63087	0.000910 mg/L	Y 371.029
P 177.434	0.025018	mg/L	0.005632	22.5	6.46937	0.025018 mg/L	Y 371.029
P 213.618	0.023378	mg/L	0.004340	18.6	17.9842	0.023378 mg/L	Y 371.029
P 214.914	0.028869	mg/L	0.003908	13.5	7.69771	0.028869 mg/L	Y 371.029
Pb 220.353	0.003349	mg/L	0.002081	62.1	8.23085	0.003349 mg/L	Y 371.029
Pb 261.417	0.013541	mg/L	0.004922	36.3	22.1905	0.013541 mg/L	Y 371.029
Pb 405.781	-0.005690uv	mg/L	0.007441	130.8	50.4205	-0.005690 mg/L	Y 371.029
Sb 206.834	0.054987	mg/L	0.025283	46.0	40.1743	0.054987 mg/L	Y 371.029
Sb 231.146	0.039587	mg/L	0.026804	67.7	23.3809	0.039587 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.059010	105.8	33.8227	uncal mg/L	Y 371.029
Se 196.026	0.019828	mg/L	0.001673	8.4	9.20589	0.019828 mg/L	Y 371.029
Se 203.985	0.003827	mg/L	0.001391	36.3	4.98889	0.003827 mg/L	Y 371.029
Si 250.690	0.031868	mg/L	0.003440	10.8	86.8087	0.031868 mg/L	Y 371.029
Si 251.611	0.035714	mg/L	0.000767	2.1	89.0653	0.035714 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001969	6.6	985.137	uncal mg/L	Y 371.029
Sn 189.927	0.030049	mg/L	0.003272	10.9	12.0479	0.030049 mg/L	Y 371.029
Sn 283.998	0.028252	mg/L	0.004518	16.0	58.1262	0.028252 mg/L	Y 371.029
Sr 216.596	0.001003	mg/L	0.000355	35.4	21.0987	0.001003 mg/L	Y 371.029
Sr 407.771	0.000031	mg/L	0.000003	10.0	5501.29	0.000031 mg/L	Y 371.029
Sr 421.552	0.000072	mg/L	0.000010	13.8	3394.17	0.000072 mg/L	Y 371.029
Ti 334.941	0.001805	mg/L	0.000930	51.5	461.742	0.001805 mg/L	Y 371.029
Ti 336.122	0.001703	mg/L	0.000077	4.5	181.846	0.001703 mg/L	Y 371.029
Ti 337.280	0.001795	mg/L	0.000299	16.6	39.3518	0.001795 mg/L	Y 371.029
Tl 190.794	-0.002854uv	mg/L	0.001384	48.5	1.45152	-0.002854 mg/L	Y 371.029
Tl 190.807	0.011497	mg/L	0.004917	42.8	1.86723	0.011497 mg/L	Y 371.029
Tl 351.923	-0.012345uv	mg/L	0.002082	16.9	6.19058	-0.012345 mg/L	Y 371.029
V 268.796	0.001016	mg/L	0.000065	6.4	44.6931	0.001016 mg/L	Y 371.029
V 292.401	-0.000101uv	mg/L	0.000360	355.0	41.9338	-0.000101 mg/L	Y 371.029
V 311.837	0.000604	mg/L	0.000176	29.2	14.3272	0.000604 mg/L	Y 371.029
Zn 202.548	0.002595	mg/L	0.000437	16.8	636.551	0.002595 mg/L	Y 371.029
Zn 206.200	0.003923	mg/L	0.001001	25.5	209.787	0.003923 mg/L	Y 371.029
Zn 213.857	0.001883	mg/L	0.000433	23.0	1188.70	0.001883 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.905282	7259.26	27.222	0.4
Y 371.029	0.814748	134358	267.546	0.2

1118047-BS1 (Samp) **4/28/2011, 10:03:27 AM** **Rack 1, Tube 48**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.242385	mg/L	0.000320	0.1	12140.2	1.21192 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001575	0.7	676.410	uncal mg/L	Y 371.029
Al 237.312	46.7058	mg/L	0.097455	0.2	57394.1	233.529 mg/L	Y 371.029
Al 257.509	47.9539	mg/L	0.070426	0.1	27333.7	239.770 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	48.7315	mg/L	0.098381	0.2	289908	243.657 mg/L	Y 371.029
As 188.980	0.551171	mg/L	0.007021	1.3	191.040	2.75586 mg/L	Y 371.029
As 193.696	0.534622	mg/L	0.003452	0.6	222.664	2.67311 mg/L	Y 371.029
As 228.812	0.996461	mg/L	0.007810	0.8	1401.64	4.98231 mg/L	Y 371.029
B 182.577	0.468273	mg/L	0.010591	2.3	201.219	2.34136 mg/L	Y 371.029
B 249.678	0.501508	mg/L	0.009411	1.9	4333.50	2.50754 mg/L	Y 371.029
B 249.772	0.461864	mg/L	0.010286	2.2	8516.52	2.30932 mg/L	Y 371.029
Ba 233.527	1.23309	mg/L	0.002349	0.2	47517.3	6.16546 mg/L	Y 371.029
Ba 455.403	1.18696	mg/L	0.000524	0.0	1042647	5.93479 mg/L	Y 371.029
Ba 493.408	1.21645	mg/L	0.003919	0.3	654792	6.08225 mg/L	Y 371.029
Be 234.861	0.541055	mg/L	0.001225	0.2	62490.0	2.70527 mg/L	Y 371.029
Be 313.042	0.552300	mg/L	0.002422	0.4	932872	2.76150 mg/L	Y 371.029
Be 313.107	0.562487	mg/L	0.001780	0.3	468038	2.81244 mg/L	Y 371.029
Ca 393.366	18.9738n	mg/L	0.015579	0.1	22283518	94.8691 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.097456	0.5	41514596	- mg/L	Y 371.029
Ca 430.253	24.1888	mg/L	0.071981	0.3	104165	120.944 mg/L	Y 371.029
Cd 214.439	0.319944	mg/L	0.001091	0.3	5925.36	1.59972 mg/L	Y 371.029
Cd 226.502	0.330094	mg/L	0.000975	0.3	12157.1	1.65047 mg/L	Y 371.029
Cd 228.802	0.332433	mg/L	0.001158	0.3	4569.41	1.66217 mg/L	Y 371.029
Co 228.615	0.326331	mg/L	0.001837	0.6	3042.70	1.63166 mg/L	Y 371.029
Co 230.786	0.324735	mg/L	0.001230	0.4	2147.79	1.62367 mg/L	Y 371.029
Co 238.892	0.243308	mg/L	0.005714	2.3	966.687	1.21654 mg/L	Y 371.029
Cr 205.560	0.649335	mg/L	0.005091	0.8	2735.92	3.24667 mg/L	Y 371.029
Cr 206.158	0.651531	mg/L	0.006092	0.9	1105.44	3.25765 mg/L	Y 371.029
Cr 267.716	0.666059	mg/L	0.003426	0.5	14925.8	3.33029 mg/L	Y 371.029
Cu 213.598	0.720233	mg/L	0.003021	0.4	2945.58	3.60116 mg/L	Y 371.029
Cu 324.754	0.723841	mg/L	0.000442	0.1	23682.8	3.61921 mg/L	Y 371.029
Cu 327.395	0.703514	mg/L	0.003458	0.5	30699.6	3.51757 mg/L	Y 371.029
Fe 234.350	65.8645	mg/L	0.216349	0.3	568843	329.323 mg/L	Y 371.029
Fe 238.204	62.0132	mg/L	0.163079	0.3	1103858	310.066 mg/L	Y 371.029
Fe 259.940	63.1061	mg/L	0.138325	0.2	926695	315.530 mg/L	Y 371.029
Ga 287.423	-0.092925	mg/L	0.002529	2.7	984.251	-0.464625 mg/L	Y 371.029
Ga 294.363	0.007941	mg/L	0.001091	13.7	124.897	0.039703 mg/L	Y 371.029
Ga 417.204	0.005306	mg/L	0.001653	31.2	1258.26	0.026528 mg/L	Y 371.029
K 766.491	12.9670	mg/L	0.067374	0.5	891346	64.8350 mg/L	Y 371.029
K 769.897	12.8919	mg/L	0.068623	0.5	743211	64.4595 mg/L	Y 371.029
Li 610.365	0.025283	mg/L	0.000409	1.6	694.481	0.126413 mg/L	Y 371.029
Li 670.783	0.037434	mg/L	0.000257	0.7	202224	0.187170 mg/L	Y 371.029
Mg 279.078	13.4124	mg/L	0.035860	0.3	21620.9	67.0618 mg/L	Y 371.029
Mg 280.270	12.9411	mg/L	0.014985	0.1	1278781	64.7054 mg/L	Y 371.029
Mg 285.213	14.0357	mg/L	0.177519	1.3	497103	70.1787 mg/L	Y 371.029
Mn 257.610	1.16350	mg/L	0.005499	0.5	184784	5.81751 mg/L	Y 371.029
Mn 259.372	1.23332	mg/L	0.005949	0.5	146397	6.16661 mg/L	Y 371.029
Mn 260.568	1.27507	mg/L	0.001660	0.1	23974.6	6.37537 mg/L	Y 371.029
Mo 202.032	0.636657	mg/L	0.009741	1.5	2232.81	3.18328 mg/L	Y 371.029
Mo 203.846	0.623048	mg/L	0.008663	1.4	955.240	3.11524 mg/L	Y 371.029
Mo 204.598	0.636610	mg/L	0.010559	1.7	1112.69	3.18305 mg/L	Y 371.029
Na 568.821	2.28217	mg/L	0.088710	3.9	740.740	11.4109 mg/L	Y 371.029
Na 588.995	2.07609	mg/L	0.011144	0.5	1502049	10.3805 mg/L	Y 371.029
Na 589.592	1.97800	mg/L	0.010338	0.5	700443	9.89002 mg/L	Y 371.029
Ni 216.555	0.572383	mg/L	0.004802	0.8	3193.67	2.86192 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.562646	mg/L	0.001212	0.2	1244.14	2.81323 mg/L	Y 371.029
Ni 231.604	0.581254	mg/L	0.002318	0.4	2141.63	2.90627 mg/L	Y 371.029
P 177.434	2.11968	mg/L	0.015119	0.7	318.842	10.5984 mg/L	Y 371.029
P 213.618	2.09075	mg/L	0.012918	0.6	1390.20	10.4538 mg/L	Y 371.029
P 214.914	2.09520	mg/L	0.008427	0.4	373.013	10.4760 mg/L	Y 371.029
Pb 220.353	0.462218	mg/L	0.003831	0.8	507.122	2.31109 mg/L	Y 371.029
Pb 261.417	0.136664	mg/L	0.007088	5.2	77.0627	0.683320 mg/L	Y 371.029
Pb 405.781	0.383234	mg/L	0.011089	2.9	570.880	1.91617 mg/L	Y 371.029
Sb 206.834	0.475150	mg/L	0.005035	1.1	285.735	2.37575 mg/L	Y 371.029
Sb 231.146	0.441602	mg/L	0.003195	0.7	218.008	2.20801 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.033783	10.9	14.2041	uncal mg/L	Y 371.029
Se 196.026	0.170895	mg/L	0.005823	3.4	52.3070	0.854475 mg/L	Y 371.029
Se 203.985	0.185140	mg/L	0.011601	6.3	43.3736	0.925702 mg/L	Y 371.029
Si 250.690	3.61261	mg/L	0.036664	1.0	4637.15	18.0631 mg/L	Y 371.029
Si 251.611	3.52945	mg/L	0.035087	1.0	5150.69	17.6473 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.017961	0.5	27384.6	uncal mg/L	Y 371.029
Sn 189.927	0.700326	mg/L	0.003226	0.5	211.777	3.50163 mg/L	Y 371.029
Sn 283.998	0.575339	mg/L	0.005374	0.9	1497.14	2.87670 mg/L	Y 371.029
Sr 216.596	0.811299	mg/L	0.003197	0.4	6465.83	4.05650 mg/L	Y 371.029
Sr 407.771	0.833363	mg/L	0.003514	0.4	2100913	4.16682 mg/L	Y 371.029
Sr 421.552	0.857046	mg/L	0.002990	0.3	1403370	4.28523 mg/L	Y 371.029
Ti 334.941	1.71921	mg/L	0.009172	0.5	369013	8.59605 mg/L	Y 371.029
Ti 336.122	1.74139	mg/L	0.008912	0.5	157206	8.70696 mg/L	Y 371.029
Ti 337.280	1.73672	mg/L	0.007264	0.4	53259.5	8.68360 mg/L	Y 371.029
Tl 190.794	0.586323	mg/L	0.011933	2.0	206.349	2.93162 mg/L	Y 371.029
Tl 190.807	0.587002	mg/L	0.008966	1.5	101.711	2.93501 mg/L	Y 371.029
Tl 351.923	0.630465	mg/L	0.003833	0.6	1026.64	3.15232 mg/L	Y 371.029
V 268.796	0.594259	mg/L	0.002259	0.4	5795.98	2.97130 mg/L	Y 371.029
V 292.401	0.579798	mg/L	0.003082	0.5	17889.9	2.89899 mg/L	Y 371.029
V 311.837	0.581686	mg/L	0.000294	0.1	24319.3	2.90843 mg/L	Y 371.029
Zn 202.548	0.790891	mg/L	0.005075	0.6	7649.08	3.95445 mg/L	Y 371.029
Zn 206.200	0.787913	mg/L	0.005796	0.7	2505.28	3.93957 mg/L	Y 371.029
Zn 213.857	0.776302	mg/L	0.005547	0.7	14354.0	3.88151 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.952068	7634.43	51.375	0.7
Y 371.029	0.856894	141308	604.986	0.4

11D0944-01 (Samp) **4/28/2011, 10:07:40 AM** **Rack 1, Tube 49**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000078	mg/L	0.000230	293.2	488.639	-0.000784 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000503	64.9	-1.90083	uncal mg/L	Y 371.029
Al 237.312	0.378758	mg/L	0.007872	2.1	513.234	3.78758 mg/L	Y 371.029
Al 257.509	0.400132	mg/L	0.005303	1.3	246.432	4.00132 mg/L	Y 371.029
Al 308.215	0.434233	mg/L	0.001770	0.4	3796.36	4.34233 mg/L	Y 371.029
As 188.980	0.003262uv	mg/L	0.002724	83.5	5.97501	0.032623 mg/L	Y 371.029
As 193.696	0.009432	mg/L	0.001695	18.0	5.43906	0.094317 mg/L	Y 371.029
As 228.812	0.008597	mg/L	0.002111	24.6	18.9290	0.085968 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.018091	mg/L	0.002553	14.1	11.9522	0.180913 mg/L	Y 371.029
B 249.678	0.012425	mg/L	0.001216	9.8	154.180	0.124248 mg/L	Y 371.029
B 249.772	0.012830	mg/L	0.001350	10.5	330.659	0.128301 mg/L	Y 371.029
Ba 233.527	0.040089	mg/L	0.000231	0.6	1722.53	0.400894 mg/L	Y 371.029
Ba 455.403	0.039555	mg/L	0.000084	0.2	38784.1	0.395549 mg/L	Y 371.029
Ba 493.408	0.040292	mg/L	0.000109	0.3	24186.2	0.402922 mg/L	Y 371.029
Be 234.861	0.000246	mg/L	0.000032	13.1	5.02268	0.002463 mg/L	Y 371.029
Be 313.042	0.000140	mg/L	0.000003	2.1	556.902	0.001405 mg/L	Y 371.029
Be 313.107	0.000004uv	mg/L	0.000016	464.3	78.2787	0.000035 mg/L	Y 371.029
Ca 393.366	11.5644n	mg/L	0.035223	0.3	13582508	115.644 mg/L	Y 371.029
Ca 396.847	12.1877	mg/L	0.034381	0.3	24141504	121.877 mg/L	Y 371.029
Ca 430.253	13.3132	mg/L	0.033995	0.3	57688.2	133.132 mg/L	Y 371.029
Cd 214.439	0.000566	mg/L	0.000091	16.0	11.5193	0.005665 mg/L	Y 371.029
Cd 226.502	0.000376	mg/L	0.000044	11.7	46.6094	0.003758 mg/L	Y 371.029
Cd 228.802	0.000643	mg/L	0.000502	78.1	25.9730	0.006434 mg/L	Y 371.029
Co 228.615	-0.000027	mg/L	0.000273	996.3	10.5821	-0.000274 mg/L	Y 371.029
Co 230.786	-0.001577uv	mg/L	0.000381	24.1	7.75433	-0.015769 mg/L	Y 371.029
Co 238.892	0.003380uv	mg/L	0.000159	4.7	0.417853	0.033798 mg/L	Y 371.029
Cr 205.560	0.004162	mg/L	0.000431	10.4	25.5906	0.041623 mg/L	Y 371.029
Cr 206.158	0.006157	mg/L	0.002154	35.0	13.4089	0.061572 mg/L	Y 371.029
Cr 267.716	0.004921	mg/L	0.000322	6.5	149.177	0.049213 mg/L	Y 371.029
Cu 213.598	0.186656	mg/L	0.002200	1.2	734.582	1.86656 mg/L	Y 371.029
Cu 324.754	0.183111	mg/L	0.000205	0.1	6184.05	1.83111 mg/L	Y 371.029
Cu 327.395	0.181603	mg/L	0.000081	0.0	7793.30	1.81603 mg/L	Y 371.029
Fe 234.350	3.67102	mg/L	0.018708	0.5	31669.2	36.7102 mg/L	Y 371.029
Fe 238.204	3.61967	mg/L	0.017401	0.5	64371.3	36.1967 mg/L	Y 371.029
Fe 259.940	3.68746	mg/L	0.019713	0.5	54114.1	36.8746 mg/L	Y 371.029
Ga 287.423	-0.010826	mg/L	0.003135	29.0	56.8862	-0.108262 mg/L	Y 371.029
Ga 294.363	0.004041	mg/L	0.000531	13.1	29.7472	0.040409 mg/L	Y 371.029
Ga 417.204	-0.003794uv	mg/L	0.001062	28.0	98.9127	-0.037940 mg/L	Y 371.029
K 766.491	0.705393	mg/L	0.000955	0.1	50502.6	7.05393 mg/L	Y 371.029
K 769.897	0.672258	mg/L	0.001323	0.2	50618.4	6.72258 mg/L	Y 371.029
Li 610.365	0.011909	mg/L	0.000201	1.7	25.3262	0.119090 mg/L	Y 371.029
Li 670.783	-0.002338uv	mg/L	0.000023	1.0	59581.1	-0.023379 mg/L	Y 371.029
Mg 279.078	1.09809	mg/L	0.002321	0.2	1781.53	10.9809 mg/L	Y 371.029
Mg 280.270	1.10428	mg/L	0.012820	1.2	109438	11.0428 mg/L	Y 371.029
Mg 285.213	1.09083	mg/L	0.002887	0.3	38697.5	10.9083 mg/L	Y 371.029
Mn 257.610	0.025135	mg/L	0.000068	0.3	3803.73	0.251348 mg/L	Y 371.029
Mn 259.372	0.024555	mg/L	0.000087	0.4	3353.17	0.245545 mg/L	Y 371.029
Mn 260.568	0.025863	mg/L	0.000083	0.3	496.880	0.258633 mg/L	Y 371.029
Mo 202.032	0.011271	mg/L	0.002342	20.8	62.8460	0.112706 mg/L	Y 371.029
Mo 203.846	0.015492	mg/L	0.001843	11.9	26.7270	0.154924 mg/L	Y 371.029
Mo 204.598	0.012768	mg/L	0.001503	11.8	26.0736	0.127681 mg/L	Y 371.029
Na 568.821	1.20197	mg/L	0.103081	8.6	429.364	12.0197 mg/L	Y 371.029
Na 588.995	0.554628	mg/L	0.002010	0.4	637917	5.54628 mg/L	Y 371.029
Na 589.592	0.637090	mg/L	0.000713	0.1	288373	6.37090 mg/L	Y 371.029
Ni 216.555	0.003007	mg/L	0.000547	18.2	32.1412	0.030069 mg/L	Y 371.029
Ni 221.648	0.002628	mg/L	0.000298	11.3	13.7136	0.026279 mg/L	Y 371.029
Ni 231.604	0.004117	mg/L	0.000586	14.2	30.0253	0.041167 mg/L	Y 371.029
P 177.434	4.04824	mg/L	0.020143	0.5	602.783	40.4824 mg/L	Y 371.029
P 213.618	4.03274	mg/L	0.011463	0.3	2635.37	40.3274 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	4.00174	mg/L	0.033457	0.8	683.916	40.0174 mg/L	Y 371.029
Pb 220.353	0.004983	mg/L	0.002795	56.1	10.2648	0.049828 mg/L	Y 371.029
Pb 261.417	-0.003594uv	mg/L	0.005687	158.2	13.2306	-0.035941 mg/L	Y 371.029
Pb 405.781	-0.003053uv	mg/L	0.001293	42.3	58.6265	-0.030528 mg/L	Y 371.029
Sb 206.834	-0.005801uv	mg/L	0.005506	94.9	7.56145	-0.058009 mg/L	Y 371.029
Sb 231.146	-0.014944uv	mg/L	0.009545	63.9	2.92178	-0.149439 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.020805	43.4	9.19955	uncal mg/L	Y 371.029
Se 196.026	0.008972	mg/L	0.000251	2.8	6.30469	0.089716 mg/L	Y 371.029
Se 203.985	0.005370uv	mg/L	0.014231	265.0	4.84987	0.053701 mg/L	Y 371.029
Si 250.690	0.401882	mg/L	0.001954	0.5	552.401	4.01882 mg/L	Y 371.029
Si 251.611	0.384421	mg/L	0.003014	0.8	605.969	3.84421 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001071	0.3	3739.57	uncal mg/L	Y 371.029
Sn 189.927	0.003105	mg/L	0.002482	79.9	4.02771	0.031048 mg/L	Y 371.029
Sn 283.998	0.003494	mg/L	0.002721	77.9	27.2032	0.034944 mg/L	Y 371.029
Sr 216.596	0.112701	mg/L	0.000385	0.3	902.819	1.12701 mg/L	Y 371.029
Sr 407.771	0.117051	mg/L	0.000619	0.5	300381	1.17051 mg/L	Y 371.029
Sr 421.552	0.120083	mg/L	0.000532	0.4	199845	1.20083 mg/L	Y 371.029
Ti 334.941	0.027311	mg/L	0.006366	23.3	5979.22	0.273105 mg/L	Y 371.029
Ti 336.122	0.028081	mg/L	0.002474	8.8	2575.88	0.280809 mg/L	Y 371.029
Ti 337.280	0.026680	mg/L	0.001497	5.6	810.081	0.266796 mg/L	Y 371.029
Tl 190.794	-0.000122uv	mg/L	0.001106	907.3	2.37417	-0.001219 mg/L	Y 371.029
Tl 190.807	0.008220	mg/L	0.003178	38.7	1.16915	0.082202 mg/L	Y 371.029
Tl 351.923	-0.005206uv	mg/L	0.006584	126.5	18.5091	-0.052065 mg/L	Y 371.029
V 268.796	0.003922	mg/L	0.000769	19.6	75.1588	0.039221 mg/L	Y 371.029
V 292.401	0.002778	mg/L	0.000360	13.0	150.048	0.027779 mg/L	Y 371.029
V 311.837	0.002831	mg/L	0.000224	7.9	128.461	0.028305 mg/L	Y 371.029
Zn 202.548	0.498382	mg/L	0.001757	0.4	4965.29	4.98382 mg/L	Y 371.029
Zn 206.200	0.496348	mg/L	0.005300	1.1	1634.04	4.96348 mg/L	Y 371.029
Zn 213.857	0.493538	mg/L	0.001330	0.3	9347.52	4.93538 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.939113	7530.54	45.592	0.6
Y 371.029	0.838967	138352	603.423	0.4

1118047-DUP1 (Samp) **4/28/2011, 10:11:32 AM** **Rack 1, Tube 50**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000025	mg/L	0.000125	494.1	490.256	-0.000252 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002070	290.2	-2.05710	uncal mg/L	Y 371.029
Al 237.312	0.353983	mg/L	0.004186	1.2	482.836	3.53983 mg/L	Y 371.029
Al 257.509	0.370699	mg/L	0.009256	2.5	229.692	3.70699 mg/L	Y 371.029
Al 308.215	0.413528	mg/L	0.000973	0.2	3675.18	4.13528 mg/L	Y 371.029
As 188.980	0.006323	mg/L	0.002344	37.1	7.01472	0.063227 mg/L	Y 371.029
As 193.696	0.008402	mg/L	0.003957	47.1	5.01817	0.084022 mg/L	Y 371.029
As 228.812	0.003938uv	mg/L	0.005500	139.7	14.9500	0.039375 mg/L	Y 371.029
B 182.577	0.009220	mg/L	0.001903	20.6	8.22962	0.092203 mg/L	Y 371.029
B 249.678	0.007754	mg/L	0.000462	6.0	114.291	0.077540 mg/L	Y 371.029
B 249.772	0.007994	mg/L	0.000495	6.2	248.300	0.079936 mg/L	Y 371.029
Ba 233.527	0.037642	mg/L	0.000118	0.3	1628.07	0.376416 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.037116	mg/L	0.000043	0.1	36640.8	0.371156 mg/L	Y 371.029
Ba 493.408	0.037741	mg/L	0.000069	0.2	22812.4	0.377409 mg/L	Y 371.029
Be 234.861	0.000218	mg/L	0.000004	1.9	3.05745	0.002181 mg/L	Y 371.029
Be 313.042	0.000145	mg/L	0.000009	6.2	565.177	0.001449 mg/L	Y 371.029
Be 313.107	0.000015	mg/L	0.000007	47.7	87.6193	0.000147 mg/L	Y 371.029
Ca 393.366	11.0449n	mg/L	0.008885	0.1	12971911	110.449 mg/L	Y 371.029
Ca 396.847	11.5923	mg/L	0.008157	0.1	22963646	115.923 mg/L	Y 371.029
Ca 430.253	12.6006	mg/L	0.005499	0.0	54664.2	126.006 mg/L	Y 371.029
Cd 214.439	0.000512	mg/L	0.000195	38.0	10.4582	0.005116 mg/L	Y 371.029
Cd 226.502	0.000257	mg/L	0.000111	43.2	41.6136	0.002574 mg/L	Y 371.029
Cd 228.802	0.000667	mg/L	0.000179	26.8	26.2957	0.006668 mg/L	Y 371.029
Co 228.615	-0.000532	mg/L	0.000316	59.4	5.34180	-0.005318 mg/L	Y 371.029
Co 230.786	-0.001483uv	mg/L	0.000428	28.8	7.55745	-0.014826 mg/L	Y 371.029
Co 238.892	0.003215uv	mg/L	0.000060	1.9	0.995502	0.032147 mg/L	Y 371.029
Cr 205.560	0.004079	mg/L	0.000357	8.8	25.0245	0.040793 mg/L	Y 371.029
Cr 206.158	0.004296	mg/L	0.001194	27.8	10.2524	0.042956 mg/L	Y 371.029
Cr 267.716	0.004720	mg/L	0.000041	0.9	143.750	0.047204 mg/L	Y 371.029
Cu 213.598	0.176043	mg/L	0.001830	1.0	692.763	1.76043 mg/L	Y 371.029
Cu 324.754	0.174266	mg/L	0.000246	0.1	5901.50	1.74266 mg/L	Y 371.029
Cu 327.395	0.172320	mg/L	0.000124	0.1	7395.32	1.72320 mg/L	Y 371.029
Fe 234.350	3.42617	mg/L	0.042726	1.2	29557.8	34.2617 mg/L	Y 371.029
Fe 238.204	3.30640	mg/L	0.040456	1.2	58805.9	33.0640 mg/L	Y 371.029
Fe 259.940	3.35041	mg/L	0.042898	1.3	49174.7	33.5041 mg/L	Y 371.029
Ga 287.423	-0.007723	mg/L	0.006578	85.2	59.4523	-0.077234 mg/L	Y 371.029
Ga 294.363	0.003314	mg/L	0.000838	25.3	25.2893	0.033138 mg/L	Y 371.029
Ga 417.204	-0.003630uv	mg/L	0.001479	40.7	97.7347	-0.036300 mg/L	Y 371.029
K 766.491	0.660191	mg/L	0.000244	0.0	47397.2	6.60191 mg/L	Y 371.029
K 769.897	0.629254	mg/L	0.000843	0.1	48176.8	6.29254 mg/L	Y 371.029
Li 610.365	0.012120	mg/L	0.000202	1.7	35.8617	0.121195 mg/L	Y 371.029
Li 670.783	-0.002307uv	mg/L	0.000011	0.5	59653.2	-0.023066 mg/L	Y 371.029
Mg 279.078	1.03190	mg/L	0.004724	0.5	1674.96	10.3190 mg/L	Y 371.029
Mg 280.270	1.03371	mg/L	0.013040	1.3	102464	10.3371 mg/L	Y 371.029
Mg 285.213	1.02773	mg/L	0.010897	1.1	36462.4	10.2773 mg/L	Y 371.029
Mn 257.610	0.023653	mg/L	0.000140	0.6	3579.06	0.236527 mg/L	Y 371.029
Mn 259.372	0.023066	mg/L	0.000096	0.4	3145.87	0.230665 mg/L	Y 371.029
Mn 260.568	0.023968	mg/L	0.000125	0.5	461.148	0.239677 mg/L	Y 371.029
Mo 202.032	0.005527	mg/L	0.000942	17.0	43.3063	0.055274 mg/L	Y 371.029
Mo 203.846	0.008664	mg/L	0.002221	25.6	16.5699	0.086643 mg/L	Y 371.029
Mo 204.598	0.006190	mg/L	0.000613	9.9	14.9102	0.061898 mg/L	Y 371.029
Na 568.821	1.22360	mg/L	0.043743	3.6	433.879	12.2360 mg/L	Y 371.029
Na 588.995	0.504308	mg/L	0.003197	0.6	609550	5.04308 mg/L	Y 371.029
Na 589.592	0.591020	mg/L	0.000201	0.0	274396	5.91020 mg/L	Y 371.029
Ni 216.555	0.003082	mg/L	0.000360	11.7	31.4213	0.030823 mg/L	Y 371.029
Ni 221.648	0.001976	mg/L	0.000257	13.0	11.9910	0.019761 mg/L	Y 371.029
Ni 231.604	0.002592	mg/L	0.000168	6.5	24.2113	0.025922 mg/L	Y 371.029
P 177.434	3.82722	mg/L	0.019973	0.5	570.023	38.2722 mg/L	Y 371.029
P 213.618	3.79507	mg/L	0.014305	0.4	2480.21	37.9507 mg/L	Y 371.029
P 214.914	3.77852	mg/L	0.032070	0.8	645.907	37.7852 mg/L	Y 371.029
Pb 220.353	0.007176	mg/L	0.002068	28.8	12.6311	0.071760 mg/L	Y 371.029
Pb 261.417	-0.000732uv	mg/L	0.007097	970.0	14.6857	-0.007317 mg/L	Y 371.029
Pb 405.781	-0.001900uv	mg/L	0.010943	576.0	59.7938	-0.018999 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.003963uv	mg/L	0.005389	136.0	8.51074	-0.039632 mg/L	Y 371.029
Sb 231.146	-0.007893uv	mg/L	0.006488	82.2	5.69617	-0.078932 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.019047	57.6	13.2170	uncal mg/L	Y 371.029
Se 196.026	0.001005uv	mg/L	0.006684	664.8	3.96629	0.010054 mg/L	Y 371.029
Se 203.985	0.011263uv	mg/L	0.011094	98.5	5.79606	0.112628 mg/L	Y 371.029
Si 250.690	0.458964	mg/L	0.002178	0.5	623.921	4.58964 mg/L	Y 371.029
Si 251.611	0.443618	mg/L	0.003728	0.8	688.780	4.43618 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.004780	1.1	4130.15	uncal mg/L	Y 371.029
Sn 189.927	0.003908	mg/L	0.002677	68.5	4.26742	0.039078 mg/L	Y 371.029
Sn 283.998	0.000138	mg/L	0.002048	1482.0	20.5179	0.001382 mg/L	Y 371.029
Sr 216.596	0.106793	mg/L	0.000470	0.4	856.089	1.06793 mg/L	Y 371.029
Sr 407.771	0.110743	mg/L	0.000637	0.6	284484	1.10743 mg/L	Y 371.029
Sr 421.552	0.113653	mg/L	0.000587	0.5	189318	1.13653 mg/L	Y 371.029
Ti 334.941	0.022468	mg/L	0.002081	9.3	4940.25	0.224677 mg/L	Y 371.029
Ti 336.122	0.022932	mg/L	0.001758	7.7	2111.62	0.229323 mg/L	Y 371.029
Ti 337.280	0.022647	mg/L	0.001520	6.7	686.209	0.226469 mg/L	Y 371.029
Tl 190.794	-0.001243uv	mg/L	0.004698	378.1	1.98649	-0.012427 mg/L	Y 371.029
Tl 190.807	0.014613	mg/L	0.002188	15.0	2.27308	0.146129 mg/L	Y 371.029
Tl 351.923	-0.006743uv	mg/L	0.003646	54.1	16.0093	-0.067427 mg/L	Y 371.029
V 268.796	0.003458	mg/L	0.000277	8.0	63.6505	0.034580 mg/L	Y 371.029
V 292.401	0.002723	mg/L	0.000254	9.3	146.870	0.027230 mg/L	Y 371.029
V 311.837	0.002653	mg/L	0.000097	3.6	119.611	0.026531 mg/L	Y 371.029
Zn 202.548	0.464280	mg/L	0.002021	0.4	4667.86	4.64280 mg/L	Y 371.029
Zn 206.200	0.462023	mg/L	0.002697	0.6	1534.81	4.62023 mg/L	Y 371.029
Zn 213.857	0.458680	mg/L	0.003668	0.8	8769.42	4.58680 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.933239	7483.44	5.666	0.1
Y 371.029	0.834381	137595	179.586	0.1

1118047-MS1 (Samp) **4/28/2011, 10:15:21 AM** **Rack 1, Tube 51**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.049259	mg/L	0.000312	0.6	2857.34	0.492593 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001132	2.4	127.815	uncal mg/L	Y 371.029
Al 237.312	0.898280	mg/L	0.005215	0.6	1151.71	8.98280 mg/L	Y 371.029
Al 257.509	0.924140	mg/L	0.014864	1.6	544.814	9.24140 mg/L	Y 371.029
Al 308.215	0.983131	mg/L	0.002160	0.2	7055.19	9.83131 mg/L	Y 371.029
As 188.980	0.096024	mg/L	0.001708	1.8	37.2068	0.960244 mg/L	Y 371.029
As 193.696	0.099438	mg/L	0.001919	1.9	42.4314	0.994385 mg/L	Y 371.029
As 228.812	0.266342	mg/L	0.003648	1.4	395.330	2.66342 mg/L	Y 371.029
B 182.577	0.097071	mg/L	0.005656	5.8	44.9637	0.970715 mg/L	Y 371.029
B 249.678	0.101813	mg/L	0.001281	1.3	910.969	1.01813 mg/L	Y 371.029
B 249.772	0.097603	mg/L	0.001503	1.5	1713.48	0.976031 mg/L	Y 371.029
Ba 233.527	0.137728	mg/L	0.000203	0.1	5467.00	1.37728 mg/L	Y 371.029
Ba 455.403	0.133075	mg/L	0.000224	0.2	120563	1.33075 mg/L	Y 371.029
Ba 493.408	0.136103	mg/L	0.000179	0.1	75514.1	1.36103 mg/L	Y 371.029
Be 234.861	0.095769	mg/L	0.000479	0.5	11099.5	0.957691 mg/L	Y 371.029
Be 313.042	0.098474	mg/L	0.000147	0.1	166599	0.984738 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.099890	mg/L	0.000105	0.1	83179.3	0.998901 mg/L	Y 371.029
Ca 393.366	11.7654n	mg/L	0.008624	0.1	13818964	117.654 mg/L	Y 371.029
Ca 396.847	12.4135	mg/L	0.001539	0.0	24591166	124.135 mg/L	Y 371.029
Ca 430.253	13.6083	mg/L	0.014724	0.1	58951.1	136.083 mg/L	Y 371.029
Cd 214.439	0.092750	mg/L	0.000339	0.4	1716.29	0.927498 mg/L	Y 371.029
Cd 226.502	0.097150	mg/L	0.000189	0.2	3558.66	0.971498 mg/L	Y 371.029
Cd 228.802	0.096286	mg/L	0.000245	0.3	1336.86	0.962860 mg/L	Y 371.029
Co 228.615	0.097807	mg/L	0.001036	1.1	847.368	0.978066 mg/L	Y 371.029
Co 230.786	0.096871	mg/L	0.001418	1.5	599.080	0.968711 mg/L	Y 371.029
Co 238.892	0.089029	mg/L	0.001238	1.4	481.765	0.890292 mg/L	Y 371.029
Cr 205.560	0.097070	mg/L	0.000406	0.4	402.452	0.970701 mg/L	Y 371.029
Cr 206.158	0.097733	mg/L	0.002871	2.9	162.929	0.977332 mg/L	Y 371.029
Cr 267.716	0.101395	mg/L	0.000269	0.3	2233.00	1.01395 mg/L	Y 371.029
Cu 213.598	0.269883	mg/L	0.000825	0.3	1059.44	2.69883 mg/L	Y 371.029
Cu 324.754	0.266561	mg/L	0.000157	0.1	8839.15	2.66561 mg/L	Y 371.029
Cu 327.395	0.264773	mg/L	0.000458	0.2	11338.9	2.64773 mg/L	Y 371.029
Fe 234.350	3.89666	mg/L	0.020214	0.5	33649.2	38.9666 mg/L	Y 371.029
Fe 238.204	3.85440	mg/L	0.056733	1.5	68595.4	38.5440 mg/L	Y 371.029
Fe 259.940	3.91337	mg/L	0.020986	0.5	57463.9	39.1337 mg/L	Y 371.029
Ga 287.423	0.084144	mg/L	0.000138	0.2	271.948	0.841443 mg/L	Y 371.029
Ga 294.363	0.094436	mg/L	0.001886	2.0	569.762	0.944358 mg/L	Y 371.029
Ga 417.204	0.089754	mg/L	0.000657	0.7	925.797	0.897537 mg/L	Y 371.029
K 766.491	1.68370	mg/L	0.001323	0.1	117575	16.8370 mg/L	Y 371.029
K 769.897	1.60166	mg/L	0.000694	0.0	103278	16.0166 mg/L	Y 371.029
Li 610.365	0.077341	mg/L	0.000546	0.7	3299.25	0.773415 mg/L	Y 371.029
Li 670.783	0.107797	mg/L	0.000079	0.1	438905	1.07797 mg/L	Y 371.029
Mg 279.078	2.03916	mg/L	0.005787	0.3	3295.61	20.3916 mg/L	Y 371.029
Mg 280.270	2.06003	mg/L	0.003962	0.2	203845	20.6003 mg/L	Y 371.029
Mg 285.213	2.04831	mg/L	0.013951	0.7	72602.7	20.4831 mg/L	Y 371.029
Mn 257.610	0.118938	mg/L	0.000616	0.5	17528.4	1.18938 mg/L	Y 371.029
Mn 259.372	0.119372	mg/L	0.000595	0.5	13664.5	1.19372 mg/L	Y 371.029
Mn 260.568	0.121992	mg/L	0.000345	0.3	2274.68	1.21992 mg/L	Y 371.029
Mo 202.032	0.100774	mg/L	0.001417	1.4	368.287	1.00775 mg/L	Y 371.029
Mo 203.846	0.103592	mg/L	0.001462	1.4	158.095	1.03592 mg/L	Y 371.029
Mo 204.598	0.102122	mg/L	0.002238	2.2	178.238	1.02122 mg/L	Y 371.029
Na 568.821	2.00013	mg/L	0.063362	3.2	637.981	20.0013 mg/L	Y 371.029
Na 588.995	1.64520	mg/L	0.002359	0.1	1250104	16.4520 mg/L	Y 371.029
Na 589.592	1.58559	mg/L	0.002167	0.1	574594	15.8559 mg/L	Y 371.029
Ni 216.555	0.097487	mg/L	0.000873	0.9	510.371	0.974872 mg/L	Y 371.029
Ni 221.648	0.097282	mg/L	0.001017	1.0	203.689	0.972817 mg/L	Y 371.029
Ni 231.604	0.100060	mg/L	0.000836	0.8	352.213	1.00060 mg/L	Y 371.029
P 177.434	3.82933	mg/L	0.012616	0.3	570.395	38.2933 mg/L	Y 371.029
P 213.618	3.81253	mg/L	0.013312	0.3	2493.77	38.1253 mg/L	Y 371.029
P 214.914	3.76904	mg/L	0.006937	0.2	645.209	37.6904 mg/L	Y 371.029
Pb 220.353	0.100993	mg/L	0.003957	3.9	114.598	1.00993 mg/L	Y 371.029
Pb 261.417	0.024715	mg/L	0.002997	12.1	27.1704	0.247148 mg/L	Y 371.029
Pb 405.781	0.080123	mg/L	0.005703	7.1	164.208	0.801231 mg/L	Y 371.029
Sb 206.834	0.099923	mg/L	0.002242	2.2	66.6985	0.999235 mg/L	Y 371.029
Sb 231.146	0.102157	mg/L	0.010893	10.7	51.3095	1.02157 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.039663	310.4	19.8160	uncal mg/L	Y 371.029
Se 196.026	0.092517	mg/L	0.004485	4.8	30.7294	0.925170 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.089202	mg/L	0.004341	4.9	19.9611	0.892024 mg/L	Y 371.029
Si 250.690	0.521183	mg/L	0.002873	0.6	703.660	5.21183 mg/L	Y 371.029
Si 251.611	0.506073	mg/L	0.002199	0.4	781.296	5.06073 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.015692	3.1	4585.56	uncal mg/L	Y 371.029
Sn 189.927	0.100691	mg/L	0.005284	5.2	32.9740	1.00691 mg/L	Y 371.029
Sn 283.998	0.089910	mg/L	0.003258	3.6	238.966	0.899097 mg/L	Y 371.029
Sr 216.596	0.201280	mg/L	0.001101	0.5	1595.45	2.01280 mg/L	Y 371.029
Sr 407.771	0.210476	mg/L	0.000507	0.2	535140	2.10476 mg/L	Y 371.029
Sr 421.552	0.215424	mg/L	0.000403	0.2	355481	2.15424 mg/L	Y 371.029
Ti 334.941	0.100112	mg/L	0.002525	2.5	21554.3	1.00112 mg/L	Y 371.029
Ti 336.122	0.101123	mg/L	0.002246	2.2	9149.81	1.01123 mg/L	Y 371.029
Ti 337.280	0.101327	mg/L	0.001502	1.5	3093.72	1.01327 mg/L	Y 371.029
Tl 190.794	0.092476	mg/L	0.001776	1.9	34.4672	0.924758 mg/L	Y 371.029
Tl 190.807	0.096805	mg/L	0.008269	8.5	16.5944	0.968054 mg/L	Y 371.029
Tl 351.923	0.094451	mg/L	0.001791	1.9	176.870	0.944507 mg/L	Y 371.029
V 268.796	0.101185	mg/L	0.000093	0.1	983.150	1.01185 mg/L	Y 371.029
V 292.401	0.098086	mg/L	0.000595	0.6	2994.62	0.980858 mg/L	Y 371.029
V 311.837	0.096264	mg/L	0.000439	0.5	3941.88	0.962639 mg/L	Y 371.029
Zn 202.548	0.559163	mg/L	0.002330	0.4	5503.80	5.59163 mg/L	Y 371.029
Zn 206.200	0.556378	mg/L	0.001874	0.3	1808.41	5.56378 mg/L	Y 371.029
Zn 213.857	0.546764	mg/L	0.002122	0.4	10246.3	5.46764 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.932227	7475.33	40.191	0.5
Y 371.029	0.832887	137349	736.665	0.5

1118047-MSD1 (Samp) **4/28/2011, 10:19:12 AM** **Rack 1, Tube 52**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.049199	mg/L	0.000141	0.3	2853.14	0.491989 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002370	5.1	127.976	uncal mg/L	Y 371.029
Al 237.312	0.881840	mg/L	0.003851	0.4	1131.51	8.81840 mg/L	Y 371.029
Al 257.509	0.910230	mg/L	0.006038	0.7	536.891	9.10230 mg/L	Y 371.029
Al 308.215	0.957142	mg/L	0.002972	0.3	6903.26	9.57142 mg/L	Y 371.029
As 188.980	0.099207	mg/L	0.001880	1.9	38.2908	0.992073 mg/L	Y 371.029
As 193.696	0.100031	mg/L	0.003561	3.6	42.6816	1.00031 mg/L	Y 371.029
As 228.812	0.262950	mg/L	0.001927	0.7	393.606	2.62950 mg/L	Y 371.029
B 182.577	0.095948	mg/L	0.003608	3.8	44.4721	0.959480 mg/L	Y 371.029
B 249.678	0.101962	mg/L	0.000529	0.5	911.746	1.01962 mg/L	Y 371.029
B 249.772	0.098019	mg/L	0.001581	1.6	1717.02	0.980189 mg/L	Y 371.029
Ba 233.527	0.135216	mg/L	0.000278	0.2	5369.99	1.35216 mg/L	Y 371.029
Ba 455.403	0.130527	mg/L	0.000408	0.3	118322	1.30527 mg/L	Y 371.029
Ba 493.408	0.133498	mg/L	0.000340	0.3	74110.0	1.33498 mg/L	Y 371.029
Be 234.861	0.096468	mg/L	0.001073	1.1	11181.7	0.964677 mg/L	Y 371.029
Be 313.042	0.098787	mg/L	0.000216	0.2	167128	0.987873 mg/L	Y 371.029
Be 313.107	0.099966	mg/L	0.000196	0.2	83242.5	0.999661 mg/L	Y 371.029
Ca 393.366	11.0546n	mg/L	0.038409	0.3	12985221	110.546 mg/L	Y 371.029
Ca 396.847	11.5939	mg/L	0.034516	0.3	22969472	115.939 mg/L	Y 371.029
Ca 430.253	12.6993	mg/L	0.039155	0.3	55094.3	126.993 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.093483	mg/L	0.000420	0.4	1729.82	0.934835 mg/L	Y 371.029
Cd 226.502	0.097337	mg/L	0.000197	0.2	3564.84	0.973372 mg/L	Y 371.029
Cd 228.802	0.097031	mg/L	0.000321	0.3	1347.07	0.970309 mg/L	Y 371.029
Co 228.615	0.097304	mg/L	0.000847	0.9	842.375	0.973041 mg/L	Y 371.029
Co 230.786	0.097016	mg/L	0.000528	0.5	599.313	0.970162 mg/L	Y 371.029
Co 238.892	0.089744	mg/L	0.000978	1.1	487.032	0.897445 mg/L	Y 371.029
Cr 205.560	0.097227	mg/L	0.000627	0.6	402.887	0.972267 mg/L	Y 371.029
Cr 206.158	0.099217	mg/L	0.001743	1.8	165.232	0.992172 mg/L	Y 371.029
Cr 267.716	0.101402	mg/L	0.000626	0.6	2232.23	1.01402 mg/L	Y 371.029
Cu 213.598	0.258435	mg/L	0.002457	1.0	1014.53	2.58435 mg/L	Y 371.029
Cu 324.754	0.254788	mg/L	0.000950	0.4	8464.03	2.54788 mg/L	Y 371.029
Cu 327.395	0.253177	mg/L	0.000701	0.3	10842.7	2.53177 mg/L	Y 371.029
Fe 234.350	3.69301	mg/L	0.039910	1.1	31892.7	36.9301 mg/L	Y 371.029
Fe 238.204	3.57319	mg/L	0.052226	1.5	63599.0	35.7319 mg/L	Y 371.029
Fe 259.940	3.62825	mg/L	0.021490	0.6	53284.9	36.2825 mg/L	Y 371.029
Ga 287.423	0.089613	mg/L	0.000489	0.5	280.401	0.896132 mg/L	Y 371.029
Ga 294.363	0.094145	mg/L	0.000740	0.8	567.982	0.941447 mg/L	Y 371.029
Ga 417.204	0.090514	mg/L	0.002416	2.7	932.543	0.905138 mg/L	Y 371.029
K 766.491	1.62393	mg/L	0.003084	0.2	113469	16.2393 mg/L	Y 371.029
K 769.897	1.54443	mg/L	0.004238	0.3	100028	15.4443 mg/L	Y 371.029
Li 610.365	0.077378	mg/L	0.000097	0.1	3301.08	0.773781 mg/L	Y 371.029
Li 670.783	0.108042	mg/L	0.000238	0.2	439710	1.08042 mg/L	Y 371.029
Mg 279.078	1.96826	mg/L	0.004236	0.2	3181.49	19.6826 mg/L	Y 371.029
Mg 280.270	1.97479	mg/L	0.012091	0.6	195422	19.7479 mg/L	Y 371.029
Mg 285.213	1.97007	mg/L	0.011155	0.6	69831.5	19.7007 mg/L	Y 371.029
Mn 257.610	0.117173	mg/L	0.001235	1.1	17266.0	1.17173 mg/L	Y 371.029
Mn 259.372	0.117569	mg/L	0.001117	1.0	13434.6	1.17569 mg/L	Y 371.029
Mn 260.568	0.120612	mg/L	0.000634	0.5	2248.50	1.20612 mg/L	Y 371.029
Mo 202.032	0.104122	mg/L	0.001663	1.6	379.236	1.04122 mg/L	Y 371.029
Mo 203.846	0.104353	mg/L	0.000880	0.8	159.029	1.04353 mg/L	Y 371.029
Mo 204.598	0.104164	mg/L	0.000796	0.8	181.481	1.04164 mg/L	Y 371.029
Na 568.821	1.87568	mg/L	0.145730	7.8	604.433	18.7568 mg/L	Y 371.029
Na 588.995	1.58188	mg/L	0.006012	0.4	1214424	15.8188 mg/L	Y 371.029
Na 589.592	1.52806	mg/L	0.004538	0.3	557161	15.2806 mg/L	Y 371.029
Ni 216.555	0.096849	mg/L	0.001588	1.6	506.225	0.968488 mg/L	Y 371.029
Ni 221.648	0.095787	mg/L	0.000678	0.7	200.348	0.957873 mg/L	Y 371.029
Ni 231.604	0.099448	mg/L	0.000530	0.5	349.566	0.994481 mg/L	Y 371.029
P 177.434	3.59397	mg/L	0.007440	0.2	535.510	35.9397 mg/L	Y 371.029
P 213.618	3.57270	mg/L	0.014996	0.4	2337.19	35.7270 mg/L	Y 371.029
P 214.914	3.54037	mg/L	0.037506	1.1	606.282	35.4037 mg/L	Y 371.029
Pb 220.353	0.098378	mg/L	0.000940	1.0	111.740	0.983782 mg/L	Y 371.029
Pb 261.417	0.028200	mg/L	0.011384	40.4	28.9179	0.282002 mg/L	Y 371.029
Pb 405.781	0.086505	mg/L	0.003199	3.7	171.867	0.865052 mg/L	Y 371.029
Sb 206.834	0.100060	mg/L	0.004536	4.5	66.7007	1.00060 mg/L	Y 371.029
Sb 231.146	0.107274	mg/L	0.008543	8.0	53.2855	1.07274 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.012056	12079.3	23.1950	uncal mg/L	Y 371.029
Se 196.026	0.097762	mg/L	0.002028	2.1	32.2410	0.977618 mg/L	Y 371.029
Se 203.985	0.084063	mg/L	0.006121	7.3	19.1815	0.840625 mg/L	Y 371.029
Si 250.690	0.476643	mg/L	0.001464	0.3	647.705	4.76643 mg/L	Y 371.029
Si 251.611	0.463327	mg/L	0.001925	0.4	719.108	4.63327 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.006604	1.4	4246.50	uncal mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.101941	mg/L	0.000574	0.6	33.3474	1.01941 mg/L	Y 371.029
Sn 283.998	0.090079	mg/L	0.004964	5.5	240.482	0.900787 mg/L	Y 371.029
Sr 216.596	0.193952	mg/L	0.000536	0.3	1537.66	1.93952 mg/L	Y 371.029
Sr 407.771	0.202851	mg/L	0.000757	0.4	515922	2.02851 mg/L	Y 371.029
Sr 421.552	0.206892	mg/L	0.000396	0.2	341515	2.06892 mg/L	Y 371.029
Ti 334.941	0.102111	mg/L	0.001783	1.7	21977.0	1.02111 mg/L	Y 371.029
Ti 336.122	0.103124	mg/L	0.002074	2.0	9328.23	1.03124 mg/L	Y 371.029
Ti 337.280	0.102631	mg/L	0.001478	1.4	3132.90	1.02631 mg/L	Y 371.029
Tl 190.794	0.093548	mg/L	0.004398	4.7	34.8395	0.935477 mg/L	Y 371.029
Tl 190.807	0.092076	mg/L	0.009563	10.4	15.7835	0.920762 mg/L	Y 371.029
Tl 351.923	0.099002	mg/L	0.008414	8.5	184.041	0.990023 mg/L	Y 371.029
V 268.796	0.100931	mg/L	0.000529	0.5	981.324	1.00931 mg/L	Y 371.029
V 292.401	0.098698	mg/L	0.000806	0.8	3011.68	0.986982 mg/L	Y 371.029
V 311.837	0.096234	mg/L	0.000306	0.3	3939.40	0.962336 mg/L	Y 371.029
Zn 202.548	0.523038	mg/L	0.004142	0.8	5188.56	5.23038 mg/L	Y 371.029
Zn 206.200	0.520923	mg/L	0.003737	0.7	1705.86	5.20923 mg/L	Y 371.029
Zn 213.857	0.511050	mg/L	0.004207	0.8	9653.60	5.11050 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.931129	7466.52	33.462	0.4
Y 371.029	0.831380	137100	604.937	0.4

1118047-PS1 (Samp) **4/28/2011, 10:23:05 AM** **Rack 1, Tube 53**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.516135	mg/L	0.001650	0.3	25283.0	5.16135 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001824	0.4	1457.69	uncal mg/L	Y 371.029
Al 237.312	5.04276	mg/L	0.015823	0.3	6245.22	50.4276 mg/L	Y 371.029
Al 257.509	5.11992	mg/L	0.018685	0.4	2933.36	51.1992 mg/L	Y 371.029
Al 308.215	5.35148	mg/L	0.033851	0.6	32982.5	53.5148 mg/L	Y 371.029
As 188.980	0.977170	mg/L	0.001034	0.1	333.821	9.77170 mg/L	Y 371.029
As 193.696	0.979901	mg/L	0.005502	0.6	404.214	9.79901 mg/L	Y 371.029
As 228.812	2.56109	mg/L	0.020369	0.8	3760.57	25.6109 mg/L	Y 371.029
B 182.577	0.935562	mg/L	0.011993	1.3	395.556	9.35562 mg/L	Y 371.029
B 249.678	0.994119	mg/L	0.023566	2.4	8468.45	9.94119 mg/L	Y 371.029
B 249.772	0.952246	mg/L	0.022473	2.4	15693.2	9.52246 mg/L	Y 371.029
Ba 233.527	1.03671	mg/L	0.000252	0.0	39949.6	10.3671 mg/L	Y 371.029
Ba 455.403	0.987643	mg/L	0.002669	0.3	867941	9.87643 mg/L	Y 371.029
Ba 493.408	1.04307	mg/L	0.000901	0.1	561461	10.4307 mg/L	Y 371.029
Be 234.861	0.986426	mg/L	0.001449	0.1	114529	9.86426 mg/L	Y 371.029
Be 313.042	0.983592	mg/L	0.003764	0.4	1661098	9.83592 mg/L	Y 371.029
Be 313.107	1.00143	mg/L	0.004358	0.4	833217	10.0143 mg/L	Y 371.029
Ca 393.366	18.2344n	mg/L	0.026623	0.1	21412854	182.344 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.069237	0.3	40335780	- mg/L	Y 371.029
Ca 430.253	23.2019	mg/L	0.063174	0.3	99760.4	232.019 mg/L	Y 371.029
Cd 214.439	0.927274	mg/L	0.003712	0.4	17148.5	9.27274 mg/L	Y 371.029
Cd 226.502	0.972346	mg/L	0.002871	0.3	35328.8	9.72346 mg/L	Y 371.029
Cd 228.802	0.956970	mg/L	0.005236	0.5	13134.7	9.56970 mg/L	Y 371.029
Co 228.615	0.967070	mg/L	0.010081	1.0	8295.72	9.67070 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.960475	mg/L	0.007097	0.7	5794.63	9.60475 mg/L	Y 371.029
Co 238.892	0.928862	mg/L	0.002855	0.3	5184.13	9.28862 mg/L	Y 371.029
Cr 205.560	0.945302	mg/L	0.004912	0.5	3844.67	9.45302 mg/L	Y 371.029
Cr 206.158	0.966563	mg/L	0.008995	0.9	1582.24	9.66563 mg/L	Y 371.029
Cr 267.716	0.969019	mg/L	0.002227	0.2	20981.1	9.69019 mg/L	Y 371.029
Cu 213.598	1.13693	mg/L	0.009446	0.8	4448.94	11.3693 mg/L	Y 371.029
Cu 324.754	1.12828	mg/L	0.001714	0.2	36263.8	11.2828 mg/L	Y 371.029
Cu 327.395	1.13680	mg/L	0.001657	0.1	48537.9	11.3680 mg/L	Y 371.029
Fe 234.350	8.84003	mg/L	0.049049	0.6	76558.1	88.4003 mg/L	Y 371.029
Fe 238.204	8.55807	mg/L	0.082285	1.0	152611	85.5807 mg/L	Y 371.029
Fe 259.940	8.68137	mg/L	0.086649	1.0	127662	86.8137 mg/L	Y 371.029
Ga 287.423	0.945354	mg/L	0.006573	0.7	2272.31	9.45354 mg/L	Y 371.029
Ga 294.363	0.949588	mg/L	0.003287	0.3	5679.26	9.49588 mg/L	Y 371.029
Ga 417.204	0.957112	mg/L	0.003320	0.3	8720.10	9.57112 mg/L	Y 371.029
K 766.491	10.3503	mg/L	0.029718	0.3	711848	103.503 mg/L	Y 371.029
K 769.897	10.1988	mg/L	0.024304	0.2	590448	101.988 mg/L	Y 371.029
Li 610.365	0.974775	mg/L	0.003319	0.3	48202.4	9.74775 mg/L	Y 371.029
Li 670.783	1.05205	mg/L	0.002850	0.3	3691628	10.5205 mg/L	Y 371.029
Mg 279.078	10.9964	mg/L	0.036272	0.3	17707.4	109.964 mg/L	Y 371.029
Mg 280.270	10.6433	mg/L	0.083325	0.8	1051727	106.433 mg/L	Y 371.029
Mg 285.213	11.4357	mg/L	0.042988	0.4	405022	114.357 mg/L	Y 371.029
Mn 257.610	0.983647	mg/L	0.011750	1.2	143845	9.83647 mg/L	Y 371.029
Mn 259.372	0.990037	mg/L	0.010377	1.0	108869	9.90037 mg/L	Y 371.029
Mn 260.568	1.00421	mg/L	0.005437	0.5	18590.6	10.0421 mg/L	Y 371.029
Mo 202.032	1.02828	mg/L	0.012342	1.2	3532.29	10.2828 mg/L	Y 371.029
Mo 203.846	1.01671	mg/L	0.015483	1.5	1519.25	10.1671 mg/L	Y 371.029
Mo 204.598	1.03403	mg/L	0.010315	1.0	1764.45	10.3403 mg/L	Y 371.029
Na 568.821	9.96868	mg/L	0.083359	0.8	2730.63	99.6868 mg/L	Y 371.029
Na 588.995	10.7709	mg/L	0.054080	0.5	6374695	107.709 mg/L	Y 371.029
Na 589.592	10.9547	mg/L	0.051824	0.5	3402631	109.547 mg/L	Y 371.029
Ni 216.555	0.951418	mg/L	0.005151	0.5	4845.47	9.51418 mg/L	Y 371.029
Ni 221.648	0.951638	mg/L	0.001410	0.1	1923.29	9.51638 mg/L	Y 371.029
Ni 231.604	0.972366	mg/L	0.000466	0.0	3289.68	9.72366 mg/L	Y 371.029
P 177.434	5.09176	mg/L	0.017197	0.3	758.009	50.9176 mg/L	Y 371.029
P 213.618	5.01874	mg/L	0.044943	0.9	3300.04	50.1874 mg/L	Y 371.029
P 214.914	5.04031	mg/L	0.005062	0.1	869.533	50.4031 mg/L	Y 371.029
Pb 220.353	0.947544	mg/L	0.004722	0.5	1034.75	9.47544 mg/L	Y 371.029
Pb 261.417	0.640450	mg/L	0.004585	0.7	331.641	6.40450 mg/L	Y 371.029
Pb 405.781	0.939792	mg/L	0.018378	2.0	1256.40	9.39792 mg/L	Y 371.029
Sb 206.834	0.878278	mg/L	0.006120	0.7	503.645	8.78278 mg/L	Y 371.029
Sb 231.146	0.927931	mg/L	0.002395	0.3	394.176	9.27931 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.028762	3.9	248.931	uncal mg/L	Y 371.029
Se 196.026	0.954062	mg/L	0.025559	2.7	282.681	9.54062 mg/L	Y 371.029
Se 203.985	0.959986	mg/L	0.024631	2.6	175.264	9.59986 mg/L	Y 371.029
Si 250.690	1.41016	mg/L	0.004507	0.3	1834.45	14.1016 mg/L	Y 371.029
Si 251.611	1.35910	mg/L	0.001610	0.1	2029.60	13.5910 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.023953	1.8	10848.8	uncal mg/L	Y 371.029
Sn 189.927	1.02466	mg/L	0.003253	0.3	307.006	10.2466 mg/L	Y 371.029
Sn 283.998	0.910089	mg/L	0.007403	0.8	2249.83	9.10089 mg/L	Y 371.029
Sr 216.596	1.06584	mg/L	0.004390	0.4	8361.88	10.6584 mg/L	Y 371.029
Sr 407.771	1.09303	mg/L	0.009149	0.8	2753296	10.9303 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	1.11900	mg/L	0.003635	0.3	1830793	11.1900 mg/L	Y 371.029
Ti 334.941	1.01624	mg/L	0.007740	0.8	217487	10.1624 mg/L	Y 371.029
Ti 336.122	1.02607	mg/L	0.008523	0.8	92369.3	10.2607 mg/L	Y 371.029
Ti 337.280	1.02973	mg/L	0.001357	0.1	31489.6	10.2973 mg/L	Y 371.029
Tl 190.794	0.978251	mg/L	0.002414	0.2	341.399	9.78251 mg/L	Y 371.029
Tl 190.807	0.972351	mg/L	0.008311	0.9	169.087	9.72351 mg/L	Y 371.029
Tl 351.923	1.03703	mg/L	0.004806	0.5	1675.92	10.3703 mg/L	Y 371.029
V 268.796	0.962547	mg/L	0.003489	0.4	9170.26	9.62547 mg/L	Y 371.029
V 292.401	0.957887	mg/L	0.002703	0.3	28677.5	9.57887 mg/L	Y 371.029
V 311.837	0.957543	mg/L	0.001686	0.2	39108.6	9.57543 mg/L	Y 371.029
Zn 202.548	1.43154	mg/L	0.016599	1.2	13190.3	14.3154 mg/L	Y 371.029
Zn 206.200	1.43046	mg/L	0.010106	0.7	4342.88	14.3046 mg/L	Y 371.029
Zn 213.857	1.42521	mg/L	0.012099	0.8	24957.7	14.2521 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.940290	7539.98	11.835	0.2
Y 371.029	0.837948	138183	502.222	0.4

11D0742-01 (Samp) **4/28/2011, 10:27:17 AM** **Rack 1, Tube 54**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.002100	mg/L	0.000282	13.4	669.557	0.021001 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001262	56.2	3.28799	uncal mg/L	Y 371.029
Al 237.312	38.7427	mg/L	0.016998	0.0	47596.1	387.427 mg/L	Y 371.029
Al 257.509	39.9978	mg/L	0.107090	0.3	22802.2	399.978 mg/L	Y 371.029
Al 308.215	40.4695	mg/L	0.083510	0.2	240711	404.695 mg/L	Y 371.029
As 188.980	0.036403	mg/L	0.002569	7.1	16.8831	0.364029 mg/L	Y 371.029
As 193.696	0.028293	mg/L	0.005637	19.9	14.3204	0.282927 mg/L	Y 371.029
As 228.812	0.046819	mg/L	0.005157	11.0	52.3035	0.468187 mg/L	Y 371.029
B 182.577	0.073892	mg/L	0.003491	4.7	38.1229	0.738922 mg/L	Y 371.029
B 249.678	0.075153	mg/L	0.001697	2.3	763.109	0.751530 mg/L	Y 371.029
B 249.772	0.071328	mg/L	0.001301	1.8	2684.63	0.713285 mg/L	Y 371.029
Ba 233.527	3.82005	mg/L	0.008154	0.2	146706	38.2005 mg/L	Y 371.029
Ba 455.403	3.72750	mg/L	0.002445	0.1	3264267	37.2750 mg/L	Y 371.029
Ba 493.408	3.81218	mg/L	0.006882	0.2	2045492	38.1218 mg/L	Y 371.029
Be 234.861	0.002028uv	mg/L	0.000202	9.9	-320.484	0.020282 mg/L	Y 371.029
Be 313.042	0.002076	mg/L	0.000007	0.3	3763.32	0.020758 mg/L	Y 371.029
Be 313.107	0.001902	mg/L	0.000011	0.6	1642.61	0.019017 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.314247	0.9	42772180	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.143540	0.6	44790636	- mg/L	Y 371.029
Ca 430.253	80.3958	mg/L	0.234541	0.3	342734	803.958 mg/L	Y 371.029
Cd 214.439	0.007055	mg/L	0.000241	3.4	146.301	0.070551 mg/L	Y 371.029
Cd 226.502	0.005777	mg/L	0.000148	2.6	487.520	0.057766 mg/L	Y 371.029
Cd 228.802	0.007170	mg/L	0.000640	8.9	109.271	0.071696 mg/L	Y 371.029
Co 228.615	0.015723	mg/L	0.000638	4.1	514.872	0.157226 mg/L	Y 371.029
Co 230.786	0.014458	mg/L	0.000772	5.3	400.505	0.144576 mg/L	Y 371.029
Co 238.892	0.013996uv	mg/L	0.001060	7.6	-558.232	0.139956 mg/L	Y 371.029
Cr 205.560	0.109279	mg/L	0.000946	0.9	567.014	1.09279 mg/L	Y 371.029
Cr 206.158	0.096391	mg/L	0.007528	7.8	214.299	0.963907 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.117088	mg/L	0.000643	0.5	3169.94	1.17088 mg/L	Y 371.029
Cu 213.598	1.67659	mg/L	0.002430	0.1	6729.93	16.7659 mg/L	Y 371.029
Cu 324.754	1.67364	mg/L	0.005987	0.4	54077.4	16.7364 mg/L	Y 371.029
Cu 327.395	1.64857	mg/L	0.006688	0.4	71317.4	16.4857 mg/L	Y 371.029
Fe 234.350	102.779	mg/L	0.284563	0.3	886587	1027.79 mg/L	Y 371.029
Fe 238.204	97.6583	mg/L	0.647859	0.7	1736255	976.583 mg/L	Y 371.029
Fe 259.940	99.7916	mg/L	0.103752	0.1	1463682	997.917 mg/L	Y 371.029
Ga 287.423	-0.128572	mg/L	0.004364	3.4	1522.23	-1.28572 mg/L	Y 371.029
Ga 294.363	0.007960	mg/L	0.001187	14.9	135.361	0.079604 mg/L	Y 371.029
Ga 417.204	0.002046	mg/L	0.000052	2.6	852.128	0.020462 mg/L	Y 371.029
K 766.491	4.62393	mg/L	0.011820	0.3	320077	46.2393 mg/L	Y 371.029
K 769.897	4.44665	mg/L	0.011374	0.3	265075	44.4665 mg/L	Y 371.029
Li 610.365	0.026177	mg/L	0.000251	1.0	739.208	0.261766 mg/L	Y 371.029
Li 670.783	0.041267	mg/L	0.000141	0.3	217213	0.412665 mg/L	Y 371.029
Mg 279.078	13.4678	mg/L	0.023794	0.2	21721.8	134.678 mg/L	Y 371.029
Mg 280.270	12.9603	mg/L	0.084714	0.7	1281053	129.603 mg/L	Y 371.029
Mg 285.213	14.2876	mg/L	0.120940	0.8	506091	142.876 mg/L	Y 371.029
Mn 257.610	1.22593	mg/L	0.001973	0.2	191299	12.2593 mg/L	Y 371.029
Mn 259.372	1.27244	mg/L	0.001005	0.1	156093	12.7244 mg/L	Y 371.029
Mn 260.568	1.31221	mg/L	0.003352	0.3	24630.9	13.1221 mg/L	Y 371.029
Mo 202.032	0.011335	mg/L	0.003180	28.1	93.0628	0.113346 mg/L	Y 371.029
Mo 203.846	0.009936	mg/L	0.004620	46.5	41.1104	0.099363 mg/L	Y 371.029
Mo 204.598	0.010712	mg/L	0.001716	16.0	46.4018	0.107116 mg/L	Y 371.029
Na 568.821	0.678955	mg/L	0.086061	12.7	401.518	6.78956 mg/L	Y 371.029
Na 588.995	0.269249	mg/L	0.003547	1.3	497854	2.69249 mg/L	Y 371.029
Na 589.592	0.399306	mg/L	0.001327	0.3	231308	3.99306 mg/L	Y 371.029
Ni 216.555	-0.001938	mg/L	0.000575	29.7	456.329	-0.019381 mg/L	Y 371.029
Ni 221.648	-0.007276	mg/L	0.001297	17.8	163.978	-0.072757 mg/L	Y 371.029
Ni 231.604	-0.002870	mg/L	0.000330	11.5	286.321	-0.028703 mg/L	Y 371.029
P 177.434	4.32640	mg/L	0.013286	0.3	647.467	43.2640 mg/L	Y 371.029
P 213.618	4.23224	mg/L	0.021126	0.5	2810.40	42.3224 mg/L	Y 371.029
P 214.914	4.22129	mg/L	0.014793	0.4	744.402	42.2129 mg/L	Y 371.029
Pb 220.353	14.4566	mg/L	0.055172	0.4	15711.3	144.566 mg/L	Y 371.029
Pb 261.417	12.3264	mg/L	0.047122	0.4	6128.75	123.264 mg/L	Y 371.029
Pb 405.781	15.0833	mg/L	0.024380	0.2	19029.4	150.833 mg/L	Y 371.029
Sb 206.834	0.029668	mg/L	0.007899	26.6	41.7657	0.296681 mg/L	Y 371.029
Sb 231.146	-0.019779	mg/L	0.006281	31.8	29.0870	-0.197793 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.005644	1.2	15.4780	uncal mg/L	Y 371.029
Se 196.026	0.011671	mg/L	0.005456	46.7	6.11118	0.116711 mg/L	Y 371.029
Se 203.985	0.028324	mg/L	0.010434	36.8	6.40908	0.283239 mg/L	Y 371.029
Si 250.690	2.47809	mg/L	0.020229	0.8	3213.31	24.7809 mg/L	Y 371.029
Si 251.611	2.36992	mg/L	0.023521	1.0	3574.35	23.6992 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.023036	1.0	19075.2	uncal mg/L	Y 371.029
Sn 189.927	0.142176	mg/L	0.002361	1.7	46.2396	1.42176 mg/L	Y 371.029
Sn 283.998	0.084415	mg/L	0.002925	3.5	281.389	0.844149 mg/L	Y 371.029
Sr 216.596	0.330689	mg/L	0.001537	0.5	2783.72	3.30689 mg/L	Y 371.029
Sr 407.771	0.333157	mg/L	0.002182	0.7	847397	3.33157 mg/L	Y 371.029
Sr 421.552	0.343416	mg/L	0.001528	0.4	567206	3.43416 mg/L	Y 371.029
Ti 334.941	0.834685	mg/L	0.004155	0.5	180473	8.34685 mg/L	Y 371.029
Ti 336.122	0.856679	mg/L	0.004390	0.5	77836.9	8.56679 mg/L	Y 371.029
Ti 337.280	0.850269	mg/L	0.001666	0.2	26234.9	8.50269 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	-0.005914uv	mg/L	0.004100	69.3	2.26825	-0.059140 mg/L	Y 371.029
Tl 190.807	0.019376	mg/L	0.003612	18.6	2.23548	0.193764 mg/L	Y 371.029
Tl 351.923	-0.008467uv	mg/L	0.002779	32.8	13.9570	-0.084670 mg/L	Y 371.029
V 268.796	0.119125	mg/L	0.000699	0.6	1198.51	1.19125 mg/L	Y 371.029
V 292.401	0.116213	mg/L	0.000155	0.1	4220.45	1.16213 mg/L	Y 371.029
V 311.837	0.110726	mg/L	0.000121	0.1	5284.79	1.10726 mg/L	Y 371.029
Zn 202.548	5.60808	mg/L	0.054946	1.0	49557.7	56.0808 mg/L	Y 371.029
Zn 206.200	5.58730	mg/L	0.037408	0.7	16360.0	55.8730 mg/L	Y 371.029
Zn 213.857	5.62171	mg/L	0.056034	1.0	94532.9	56.2170 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.945494	7581.71	38.216	0.5
Y 371.029	0.847798	139808	908.811	0.7

11D0742-02 (Samp) **4/28/2011, 10:31:31 AM** **Rack 1, Tube 55**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001388	mg/L	0.000089	6.4	618.817	0.013880 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001392	195.2	-6.77728	uncal mg/L	Y 371.029
Al 237.312	37.2887	mg/L	0.061690	0.2	45827.8	372.887 mg/L	Y 371.029
Al 257.509	38.3942	mg/L	0.134034	0.3	21890.5	383.942 mg/L	Y 371.029
Al 308.215	38.9200	mg/L	0.051249	0.1	231614	389.200 mg/L	Y 371.029
As 188.980	0.028610	mg/L	0.002101	7.3	14.2381	0.286100 mg/L	Y 371.029
As 193.696	0.020606	mg/L	0.007354	35.7	10.9021	0.206065 mg/L	Y 371.029
As 228.812	0.027583	mg/L	0.003983	14.4	35.8626	0.275825 mg/L	Y 371.029
B 182.577	0.085105	mg/L	0.003023	3.6	42.1253	0.851054 mg/L	Y 371.029
B 249.678	0.085820	mg/L	0.001145	1.3	832.638	0.858196 mg/L	Y 371.029
B 249.772	0.080046	mg/L	0.000779	1.0	2333.49	0.800458 mg/L	Y 371.029
Ba 233.527	1.49684	mg/L	0.001659	0.1	57639.1	14.9684 mg/L	Y 371.029
Ba 455.403	1.43718	mg/L	0.005280	0.4	1261760	14.3717 mg/L	Y 371.029
Ba 493.408	1.47243	mg/L	0.002643	0.2	792130	14.7243 mg/L	Y 371.029
Be 234.861	0.003355	mg/L	0.000112	3.3	25.5191	0.033549 mg/L	Y 371.029
Be 313.042	0.001938	mg/L	0.000004	0.2	3549.54	0.019379 mg/L	Y 371.029
Be 313.107	0.001751	mg/L	0.000006	0.4	1520.18	0.017511 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.087005	0.3	38698528	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.151019	0.7	43826988	- mg/L	Y 371.029
Ca 430.253	58.9358	mg/L	0.068762	0.1	251589	589.358 mg/L	Y 371.029
Cd 214.439	0.005811	mg/L	0.000090	1.5	118.002	0.058114 mg/L	Y 371.029
Cd 226.502	0.004714	mg/L	0.000046	1.0	365.744	0.047140 mg/L	Y 371.029
Cd 228.802	0.005732	mg/L	0.000147	2.6	92.5339	0.057316 mg/L	Y 371.029
Co 228.615	0.014297	mg/L	0.000168	1.2	375.735	0.142966 mg/L	Y 371.029
Co 230.786	0.012201	mg/L	0.000568	4.7	280.068	0.122011 mg/L	Y 371.029
Co 238.892	0.012800uv	mg/L	0.001534	12.0	-342.094	0.128000 mg/L	Y 371.029
Cr 205.560	0.203762	mg/L	0.000872	0.4	924.039	2.03762 mg/L	Y 371.029
Cr 206.158	0.199679	mg/L	0.005644	2.8	370.737	1.99679 mg/L	Y 371.029
Cr 267.716	0.212624	mg/L	0.000530	0.2	5102.29	2.12624 mg/L	Y 371.029
Cu 213.598	1.20749	mg/L	0.004511	0.4	4835.86	12.0749 mg/L	Y 371.029
Cu 324.754	1.21159	mg/L	0.003003	0.2	39187.5	12.1159 mg/L	Y 371.029
Cu 327.395	1.19134	mg/L	0.003498	0.3	51494.2	11.9134 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	67.3457	mg/L	0.015855	0.0	581367	673.457 mg/L	Y 371.029
Fe 238.204	63.3820	mg/L	0.163014	0.3	1127800	633.820 mg/L	Y 371.029
Fe 259.940	64.5247	mg/L	0.122310	0.2	947148	645.247 mg/L	Y 371.029
Ga 287.423	-0.101386	mg/L	0.003432	3.4	974.461	-1.01386 mg/L	Y 371.029
Ga 294.363	0.007408	mg/L	0.000783	10.6	108.209	0.074083 mg/L	Y 371.029
Ga 417.204	-0.000415	mg/L	0.000865	208.6	815.468	-0.004148 mg/L	Y 371.029
K 766.491	4.38795	mg/L	0.006046	0.1	303655	43.8795 mg/L	Y 371.029
K 769.897	4.21364	mg/L	0.006483	0.2	251733	42.1364 mg/L	Y 371.029
Li 610.365	0.021154	mg/L	0.000306	1.4	487.895	0.211538 mg/L	Y 371.029
Li 670.783	0.030650	mg/L	0.000099	0.3	179858	0.306501 mg/L	Y 371.029
Mg 279.078	17.0297	mg/L	0.019945	0.1	27440.3	170.297 mg/L	Y 371.029
Mg 280.270	16.2043	mg/L	0.025425	0.2	1601273	162.043 mg/L	Y 371.029
Mg 285.213	17.7103	mg/L	0.057488	0.3	627266	177.103 mg/L	Y 371.029
Mn 257.610	1.62219	mg/L	0.006741	0.4	247720	16.2219 mg/L	Y 371.029
Mn 259.372	1.67332	mg/L	0.007362	0.4	193156	16.7332 mg/L	Y 371.029
Mn 260.568	1.71841	mg/L	0.004145	0.2	32074.6	17.1841 mg/L	Y 371.029
Mo 202.032	-0.003914	mg/L	0.001829	46.7	45.4565	-0.039142 mg/L	Y 371.029
Mo 203.846	-0.002698	mg/L	0.001616	59.9	21.3992	-0.026979 mg/L	Y 371.029
Mo 204.598	-0.002513	mg/L	0.001676	66.7	23.5240	-0.025130 mg/L	Y 371.029
Na 568.821	0.812764	mg/L	0.033345	4.1	407.339	8.12764 mg/L	Y 371.029
Na 588.995	0.313570	mg/L	0.001543	0.5	517900	3.13570 mg/L	Y 371.029
Na 589.592	0.423082	mg/L	0.000288	0.1	235023	4.23082 mg/L	Y 371.029
Ni 216.555	0.055432	mg/L	0.000694	1.3	590.087	0.554318 mg/L	Y 371.029
Ni 221.648	0.051454	mg/L	0.001214	2.4	222.696	0.514536 mg/L	Y 371.029
Ni 231.604	0.057148	mg/L	0.001017	1.8	391.226	0.571475 mg/L	Y 371.029
P 177.434	5.44004	mg/L	0.025850	0.5	811.128	54.4004 mg/L	Y 371.029
P 213.618	5.34237	mg/L	0.012695	0.2	3520.36	53.4237 mg/L	Y 371.029
P 214.914	5.33818	mg/L	0.027443	0.5	926.362	53.3818 mg/L	Y 371.029
Pb 220.353	8.52214	mg/L	0.053278	0.6	9264.00	85.2214 mg/L	Y 371.029
Pb 261.417	7.09171	mg/L	0.018485	0.3	3532.14	70.9171 mg/L	Y 371.029
Pb 405.781	8.68666	mg/L	0.017999	0.2	10998.2	86.8666 mg/L	Y 371.029
Sb 206.834	-0.006700	mg/L	0.001513	22.6	18.6831	-0.067004 mg/L	Y 371.029
Sb 231.146	-0.056544	mg/L	0.006340	11.2	11.2764	-0.565438 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.005135	1.5	7.72907	uncal mg/L	Y 371.029
Se 196.026	0.000360uv	mg/L	0.003142	871.7	3.28620	0.003604 mg/L	Y 371.029
Se 203.985	0.010454	mg/L	0.016074	153.8	6.77865	0.104540 mg/L	Y 371.029
Si 250.690	1.14137	mg/L	0.010196	0.9	1525.37	11.4137 mg/L	Y 371.029
Si 251.611	1.06602	mg/L	0.009345	0.9	1684.27	10.6602 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.016546	1.5	9224.88	uncal mg/L	Y 371.029
Sn 189.927	0.055095	mg/L	0.001248	2.3	20.1909	0.550946 mg/L	Y 371.029
Sn 283.998	-0.003713	mg/L	0.006233	167.9	250.552	-0.037131 mg/L	Y 371.029
Sr 216.596	0.267589	mg/L	0.000508	0.2	2228.26	2.67589 mg/L	Y 371.029
Sr 407.771	0.272932	mg/L	0.001674	0.6	694804	2.72932 mg/L	Y 371.029
Sr 421.552	0.287732	mg/L	0.001042	0.4	475434	2.87732 mg/L	Y 371.029
Ti 334.941	0.972473	mg/L	0.010401	1.1	209455	9.72473 mg/L	Y 371.029
Ti 336.122	0.985188	mg/L	0.009749	1.0	89213.8	9.85188 mg/L	Y 371.029
Ti 337.280	0.992934	mg/L	0.001775	0.2	30533.2	9.92934 mg/L	Y 371.029
Tl 190.794	-0.006447uv	mg/L	0.002073	32.1	2.06258	-0.064472 mg/L	Y 371.029
Tl 190.807	0.015622	mg/L	0.002717	17.4	1.54495	0.156218 mg/L	Y 371.029
Tl 351.923	-0.007321uv	mg/L	0.001975	27.0	15.3970	-0.073211 mg/L	Y 371.029
V 268.796	0.136803	mg/L	0.000495	0.4	1294.21	1.36803 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.132881	mg/L	0.000713	0.5	4536.75	1.32881 mg/L	Y 371.029
V 311.837	0.130154	mg/L	0.000181	0.1	5870.41	1.30154 mg/L	Y 371.029
Zn 202.548	4.48052	mg/L	0.021277	0.5	39711.2	44.8052 mg/L	Y 371.029
Zn 206.200	4.49197	mg/L	0.037692	0.8	13194.3	44.9197 mg/L	Y 371.029
Zn 213.857	4.52992	mg/L	0.009404	0.2	76396.3	45.2992 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.962812	7720.58	15.989	0.2
Y 371.029	0.861160	142011	367.306	0.3

11D1022-01 (Samp) **4/28/2011, 10:35:25 AM** **Rack 1, Tube 56**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000868b	mg/L	0.000240	27.6	499.651	0.008682 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000620	26.4	-12.3374	uncal mg/L	Y 371.029
Al 237.312	21.0894b	mg/L	0.038290	0.2	25826.9	210.894 mg/L	Y 371.029
Al 257.509	21.8595b	mg/L	0.129798	0.6	12455.5	218.595 mg/L	Y 371.029
Al 308.215	22.4459b	mg/L	0.031652	0.1	133874	224.459 mg/L	Y 371.029
As 188.980	0.018695b	mg/L	0.005079	27.2	11.4138	0.186951 mg/L	Y 371.029
As 193.696	0.001202b	mg/L	0.001674	139.2	5.24102	0.012024 mg/L	Y 371.029
As 228.812	0.030524b	mg/L	0.003701	12.1	27.3920	0.305244 mg/L	Y 371.029
B 182.577	0.013215b	mg/L	0.001383	10.5	12.4565	0.132154 mg/L	Y 371.029
B 249.678	0.000997b	mg/L	0.000776	77.9	154.998	0.009967 mg/L	Y 371.029
B 249.772	0.006981b	mg/L	0.001136	16.3	3486.98	0.069813 mg/L	Y 371.029
Ba 233.527	0.597908b	mg/L	0.000787	0.1	23234.0	5.97908 mg/L	Y 371.029
Ba 455.403	0.570469b	mg/L	0.002084	0.4	503347	5.70469 mg/L	Y 371.029
Ba 493.408	0.601733b	mg/L	0.000946	0.2	325973	6.01733 mg/L	Y 371.029
Be 234.861	0.004595uvb	mg/L	0.000069	1.5	-764.126	0.045954 mg/L	Y 371.029
Be 313.042	0.002263b	mg/L	0.000008	0.4	4063.48	0.022631 mg/L	Y 371.029
Be 313.107	0.001883b	mg/L	0.000016	0.9	1540.17	0.018832 mg/L	Y 371.029
Ca 393.366	20.2866nb	mg/L	0.088456	0.4	23836930	202.866 mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.137949	0.6	42060884	- mg/L	Y 371.029
Ca 430.253	26.4838b	mg/L	0.007411	0.0	114494	264.838 mg/L	Y 371.029
Cd 214.439	0.002951b	mg/L	0.000084	2.8	88.1295	0.029509 mg/L	Y 371.029
Cd 226.502	0.001065b	mg/L	0.000161	15.1	617.834	0.010646 mg/L	Y 371.029
Cd 228.802	0.004166b	mg/L	0.000394	9.5	54.0329	0.041660 mg/L	Y 371.029
Co 228.615	-0.075488b	mg/L	0.000602	0.8	297.906	-0.754877 mg/L	Y 371.029
Co 230.786	-0.077370b	mg/L	0.001088	1.4	237.914	-0.773701 mg/L	Y 371.029
Co 238.892	-0.004510uvb	mg/L	0.008545	189.5	-1524.05	-0.045096 mg/L	Y 371.029
Cr 205.560	0.571874b	mg/L	0.003410	0.6	2499.83	5.71874 mg/L	Y 371.029
Cr 206.158	0.569349b	mg/L	0.008475	1.5	1005.93	5.69349 mg/L	Y 371.029
Cr 267.716	0.587779b	mg/L	0.000557	0.1	13637.0	5.87779 mg/L	Y 371.029
Cu 213.598	0.873562b	mg/L	0.015359	1.8	3884.26	8.73562 mg/L	Y 371.029
Cu 324.754	0.863019b	mg/L	0.002122	0.2	28935.8	8.63019 mg/L	Y 371.029
Cu 327.395	0.838015b	mg/L	0.001345	0.2	38073.5	8.38015 mg/L	Y 371.029
Fe 234.350	-xb	mg/L	1.62876	0.7	2073227	- mg/L	Y 371.029
Fe 238.204	219.155b	mg/L	1.60922	0.7	3891164	2191.55 mg/L	Y 371.029
Fe 259.940	226.615b	mg/L	1.82864	0.8	3319651	2266.15 mg/L	Y 371.029
Ga 287.423	-0.292473b	mg/L	0.002869	1.0	3543.85	-2.92473 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	-0.002683b	mg/L	0.000919	34.3	186.584	-0.026835 mg/L	Y 371.029
Ga 417.204	0.004189b	mg/L	0.001210	28.9	4050.47	0.041888 mg/L	Y 371.029
K 766.491	1.25428b	mg/L	0.000732	0.1	89075.4	12.5428 mg/L	Y 371.029
K 769.897	1.18812b	mg/L	0.002034	0.2	80200.2	11.8812 mg/L	Y 371.029
Li 610.365	0.011928b	mg/L	0.000254	2.1	26.2738	0.119279 mg/L	Y 371.029
Li 670.783	0.003542b	mg/L	0.000007	0.2	89253.3	0.035421 mg/L	Y 371.029
Mg 279.078	6.13613b	mg/L	0.006109	0.1	9967.14	61.3613 mg/L	Y 371.029
Mg 280.270	6.27582b	mg/L	0.007293	0.1	620690	62.7582 mg/L	Y 371.029
Mg 285.213	6.39419b	mg/L	0.017299	0.3	226496	63.9419 mg/L	Y 371.029
Mn 257.610	1.79383b	mg/L	0.001161	0.1	268132	17.9383 mg/L	Y 371.029
Mn 259.372	1.77251b	mg/L	0.001144	0.1	231903	17.7251 mg/L	Y 371.029
Mn 260.568	1.85771b	mg/L	0.003616	0.2	34589.8	18.5771 mg/L	Y 371.029
Mo 202.032	0.015907b	mg/L	0.000863	5.4	37.2126	0.159066 mg/L	Y 371.029
Mo 203.846	0.015253b	mg/L	0.002595	17.0	27.0211	0.152534 mg/L	Y 371.029
Mo 204.598	0.014945b	mg/L	0.002304	15.4	27.6715	0.149449 mg/L	Y 371.029
Na 568.821	1.78877b	mg/L	0.043268	2.4	626.735	17.8877 mg/L	Y 371.029
Na 588.995	1.60079b	mg/L	0.006019	0.4	1246236	16.0079 mg/L	Y 371.029
Na 589.592	1.52565b	mg/L	0.004723	0.3	575523	15.2565 mg/L	Y 371.029
Ni 216.555	-0.085833b	mg/L	0.000314	0.4	634.130	-0.858326 mg/L	Y 371.029
Ni 221.648	-0.098153b	mg/L	0.002382	2.4	207.755	-0.981526 mg/L	Y 371.029
Ni 231.604	-0.090363b	mg/L	0.001212	1.3	361.701	-0.903633 mg/L	Y 371.029
P 177.434	32.8916b	mg/L	0.016668	0.1	4883.26	328.916 mg/L	Y 371.029
P 213.618	32.7196b	mg/L	0.117844	0.4	21370.1	327.196 mg/L	Y 371.029
P 214.914	32.9479b	mg/L	0.214362	0.7	5630.19	329.479 mg/L	Y 371.029
Pb 220.353	0.104678b	mg/L	0.003842	3.7	120.061	1.04678 mg/L	Y 371.029
Pb 261.417	0.119457b	mg/L	0.057434	48.1	55.0139	1.19457 mg/L	Y 371.029
Pb 405.781	-0.020899uvb	mg/L	0.012408	59.4	58.6715	-0.208993 mg/L	Y 371.029
Sb 206.834	-0.000915b	mg/L	0.004484	489.9	26.9287	-0.009154 mg/L	Y 371.029
Sb 231.146	0.014195b	mg/L	0.007338	51.7	26.2566	0.141952 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.308514	45.8	83.5421	uncal mg/L	Y 371.029
Se 196.026	0.009381uvb	mg/L	0.003773	40.2	1.00076	0.093815 mg/L	Y 371.029
Se 203.985	0.022549b	mg/L	0.005870	26.0	11.4810	0.225494 mg/L	Y 371.029
Si 250.690	3.85471b	mg/L	0.038358	1.0	4989.74	38.5471 mg/L	Y 371.029
Si 251.611	3.78634b	mg/L	0.033363	0.9	5532.46	37.8634 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.027207	0.7	29239.8	uncal mg/L	Y 371.029
Sn 189.927	0.031767b	mg/L	0.001987	6.3	14.6469	0.317671 mg/L	Y 371.029
Sn 283.998	-0.129804b	mg/L	0.002919	2.2	478.937	-1.29804 mg/L	Y 371.029
Sr 216.596	0.156489b	mg/L	0.000361	0.2	1635.52	1.56489 mg/L	Y 371.029
Sr 407.771	0.176142b	mg/L	0.000469	0.3	449577	1.76142 mg/L	Y 371.029
Sr 421.552	0.179951b	mg/L	0.000858	0.5	298486	1.79951 mg/L	Y 371.029
Ti 334.941	6.12484b	mg/L	0.031935	0.5	1311250	61.2484 mg/L	Y 371.029
Ti 336.122	6.26950b	mg/L	0.068965	1.1	564615	62.6950 mg/L	Y 371.029
Ti 337.280	6.28287b	mg/L	0.004855	0.1	192309	62.8287 mg/L	Y 371.029
Tl 190.794	-0.017728uvb	mg/L	0.001613	9.1	0.545092	-0.177275 mg/L	Y 371.029
Tl 190.807	0.016640b	mg/L	0.003525	21.2	1.11395	0.166396 mg/L	Y 371.029
Tl 351.923	-0.008160uvb	mg/L	0.009008	110.4	25.5825	-0.081605 mg/L	Y 371.029
V 268.796	0.958893b	mg/L	0.000820	0.1	8306.43	9.58893 mg/L	Y 371.029
V 292.401	0.946563b	mg/L	0.011101	1.2	29725.9	9.46563 mg/L	Y 371.029
V 311.837	0.933018b	mg/L	0.006005	0.6	39482.7	9.33018 mg/L	Y 371.029
Zn 202.548	1.96341b	mg/L	0.046293	2.4	17875.0	19.6341 mg/L	Y 371.029
Zn 206.200	1.96909b	mg/L	0.015021	0.8	5916.21	19.6909 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	1.94773b	mg/L	0.020165	1.0	33927.6	19.4773 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.960794	7704.39	40.351	0.5
Y 371.029	0.860433	141891	1015.718	0.7

SEQ-CCV6 (Samp) **4/28/2011, 10:39:37 AM** **Rack 1, Tube 57**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.100532	mg/L	0.000286	0.3	5306.81	0.100532 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002380	2.4	268.783	uncal mg/L	Y 371.029
Al 237.312	2.36758	mg/L	0.014307	0.6	2959.61	2.36758 mg/L	Y 371.029
Al 257.509	2.42092	mg/L	0.027181	1.1	1396.74	2.42092 mg/L	Y 371.029
Al 308.215	2.51273	mg/L	0.008185	0.3	16188.2	2.51273 mg/L	Y 371.029
As 188.980	0.493154	mg/L	0.006861	1.4	170.910	0.493154 mg/L	Y 371.029
As 193.696	0.498434	mg/L	0.002181	0.4	206.290	0.498434 mg/L	Y 371.029
As 228.812	0.837146	mg/L	0.002537	0.3	1133.29	0.837146 mg/L	Y 371.029
B 182.577	0.467204	mg/L	0.006570	1.4	199.353	0.467204 mg/L	Y 371.029
B 249.678	0.497907	mg/L	0.010722	2.2	4256.68	0.497907 mg/L	Y 371.029
B 249.772	0.475143	mg/L	0.005665	1.2	7805.99	0.475143 mg/L	Y 371.029
Ba 233.527	0.502137	mg/L	0.003226	0.6	19434.5	0.502137 mg/L	Y 371.029
Ba 455.403	0.489274	mg/L	0.001230	0.3	431896	0.489274 mg/L	Y 371.029
Ba 493.408	0.497543	mg/L	0.000892	0.2	269044	0.497543 mg/L	Y 371.029
Be 234.861	0.500068	mg/L	0.002642	0.5	58081.1	0.500068 mg/L	Y 371.029
Be 313.042	0.488143	mg/L	0.002244	0.5	824546	0.488143 mg/L	Y 371.029
Be 313.107	0.496879	mg/L	0.002322	0.5	413455	0.496879 mg/L	Y 371.029
Ca 393.366	4.65085n	mg/L	0.066861	1.4	5476866	4.65085 mg/L	Y 371.029
Ca 396.847	4.56865	mg/L	0.018790	0.4	9073916	4.56865 mg/L	Y 371.029
Ca 430.253	4.94102	mg/L	0.032042	0.6	22219.7	4.94102 mg/L	Y 371.029
Cd 214.439	0.243185	mg/L	0.000518	0.2	4497.58	0.243185 mg/L	Y 371.029
Cd 226.502	0.250618	mg/L	0.000798	0.3	9119.63	0.250618 mg/L	Y 371.029
Cd 228.802	0.248023	mg/L	0.000635	0.3	3417.54	0.248023 mg/L	Y 371.029
Co 228.615	0.498459	mg/L	0.002348	0.5	4263.45	0.498459 mg/L	Y 371.029
Co 230.786	0.496341	mg/L	0.003024	0.6	2990.57	0.496341 mg/L	Y 371.029
Co 238.892	0.501851	mg/L	0.003069	0.6	2831.45	0.501851 mg/L	Y 371.029
Cr 205.560	0.482474	mg/L	0.002195	0.5	1961.75	0.482474 mg/L	Y 371.029
Cr 206.158	0.485975	mg/L	0.001912	0.4	794.726	0.485975 mg/L	Y 371.029
Cr 267.716	0.494220	mg/L	0.004232	0.9	10698.2	0.494220 mg/L	Y 371.029
Cu 213.598	0.496166	mg/L	0.004684	0.9	1941.28	0.496166 mg/L	Y 371.029
Cu 324.754	0.477416	mg/L	0.001772	0.4	15527.6	0.477416 mg/L	Y 371.029
Cu 327.395	0.470224	mg/L	0.000889	0.2	20055.9	0.470224 mg/L	Y 371.029
Fe 234.350	0.532338	mg/L	0.002494	0.5	4845.94	0.532338 mg/L	Y 371.029
Fe 238.204	0.519926	mg/L	0.005527	1.1	9580.43	0.519926 mg/L	Y 371.029
Fe 259.940	0.519884	mg/L	0.002613	0.5	7889.45	0.519884 mg/L	Y 371.029
Ga 287.423	0.493338	mg/L	0.005850	1.2	1123.12	0.493338 mg/L	Y 371.029
Ga 294.363	0.491686	mg/L	0.002174	0.4	2940.80	0.491686 mg/L	Y 371.029
Ga 417.204	0.496667	mg/L	0.000963	0.2	4556.92	0.496667 mg/L	Y 371.029
K 766.491	5.21990	mg/L	0.012331	0.2	359959	5.21990 mg/L	Y 371.029
K 769.897	5.04661	mg/L	0.012306	0.2	298472	5.04661 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	1.01158	mg/L	0.004386	0.4	50043.9	1.01158 mg/L	Y 371.029
Li 670.783	1.09224	mg/L	0.002467	0.2	3827610	1.09224 mg/L	Y 371.029
Mg 279.078	5.10001	mg/L	0.018865	0.4	8218.05	5.10001 mg/L	Y 371.029
Mg 280.270	5.06363	mg/L	0.009174	0.2	500496	5.06363 mg/L	Y 371.029
Mg 285.213	5.18665	mg/L	0.000374	0.0	183729	5.18665 mg/L	Y 371.029
Mn 257.610	0.491911	mg/L	0.002095	0.4	71855.7	0.491911 mg/L	Y 371.029
Mn 259.372	0.496000	mg/L	0.001716	0.3	54174.9	0.496000 mg/L	Y 371.029
Mn 260.568	0.495311	mg/L	0.003109	0.6	9165.35	0.495311 mg/L	Y 371.029
Mo 202.032	1.03881	mg/L	0.002133	0.2	3556.81	1.03881 mg/L	Y 371.029
Mo 203.846	1.01613	mg/L	0.011793	1.2	1512.67	1.01613 mg/L	Y 371.029
Mo 204.598	1.03546	mg/L	0.009999	1.0	1760.46	1.03546 mg/L	Y 371.029
Na 568.821	5.09051	mg/L	0.119216	2.3	1436.36	5.09051 mg/L	Y 371.029
Na 588.995	5.53892	mg/L	0.036298	0.7	3434879	5.53892 mg/L	Y 371.029
Na 589.592	5.17398	mg/L	0.027358	0.5	1656753	5.17398 mg/L	Y 371.029
Ni 216.555	0.982717	mg/L	0.003687	0.4	4964.44	0.982717 mg/L	Y 371.029
Ni 221.648	0.983217	mg/L	0.002325	0.2	1971.97	0.983217 mg/L	Y 371.029
Ni 231.604	0.991943	mg/L	0.002811	0.3	3330.08	0.991943 mg/L	Y 371.029
P 177.434	0.521323	mg/L	0.011129	2.1	80.2847	0.521323 mg/L	Y 371.029
P 213.618	0.505254	mg/L	0.004340	0.9	343.629	0.505254 mg/L	Y 371.029
P 214.914	0.507925	mg/L	0.004215	0.8	94.3362	0.507925 mg/L	Y 371.029
Pb 220.353	0.968707	mg/L	0.002542	0.3	1057.29	0.968707 mg/L	Y 371.029
Pb 261.417	0.970062	mg/L	0.021477	2.2	496.774	0.970062 mg/L	Y 371.029
Pb 405.781	0.961194	mg/L	0.006206	0.6	1273.15	0.961194 mg/L	Y 371.029
Sb 206.834	0.858239	mg/L	0.008955	1.0	488.674	0.858239 mg/L	Y 371.029
Sb 231.146	0.902748	mg/L	0.023406	2.6	379.545	0.902748 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.035348	3.8	292.917	uncal mg/L	Y 371.029
Se 196.026	0.975214	mg/L	0.013479	1.4	288.352	0.975214 mg/L	Y 371.029
Se 203.985	0.990436	mg/L	0.010557	1.1	172.473	0.990436 mg/L	Y 371.029
Si 250.690	1.03281	mg/L	0.014374	1.4	1350.45	1.03281 mg/L	Y 371.029
Si 251.611	1.01080	mg/L	0.012220	1.2	1500.71	1.01080 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.007384	0.7	8243.25	uncal mg/L	Y 371.029
Sn 189.927	1.05400	mg/L	0.000339	0.0	315.593	1.05400 mg/L	Y 371.029
Sn 283.998	0.969551	mg/L	0.009270	1.0	1843.37	0.969551 mg/L	Y 371.029
Sr 216.596	0.471839	mg/L	0.002554	0.5	3701.86	0.471839 mg/L	Y 371.029
Sr 407.771	0.471414	mg/L	0.004103	0.9	1190238	0.471414 mg/L	Y 371.029
Sr 421.552	0.483969	mg/L	0.001294	0.3	793465	0.483969 mg/L	Y 371.029
Ti 334.941	0.508626	mg/L	0.001125	0.2	108832	0.508626 mg/L	Y 371.029
Ti 336.122	0.520074	mg/L	0.002404	0.5	46815.5	0.520074 mg/L	Y 371.029
Ti 337.280	0.512240	mg/L	0.002282	0.4	15650.6	0.512240 mg/L	Y 371.029
Tl 190.794	0.501622	mg/L	0.004492	0.9	176.189	0.501622 mg/L	Y 371.029
Tl 190.807	0.502264	mg/L	0.008163	1.6	88.1962	0.502264 mg/L	Y 371.029
Tl 351.923	0.529595	mg/L	0.001245	0.2	868.223	0.529595 mg/L	Y 371.029
V 268.796	0.493673	mg/L	0.001322	0.3	5236.49	0.493673 mg/L	Y 371.029
V 292.401	0.485120	mg/L	0.003087	0.6	14522.9	0.485120 mg/L	Y 371.029
V 311.837	0.486005	mg/L	0.001514	0.3	19821.3	0.486005 mg/L	Y 371.029
Zn 202.548	0.486637	mg/L	0.001331	0.3	4903.78	0.486637 mg/L	Y 371.029
Zn 206.200	0.484473	mg/L	0.001743	0.4	1603.81	0.484473 mg/L	Y 371.029
Zn 213.857	0.467819	mg/L	0.009205	2.0	9042.94	0.467819 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.965221	7739.89	101.943	1.3
Y 371.029	0.848133	139863	1886.431	1.3

SEQ-CCB6 (Samp) **4/28/2011, 10:43:50 AM** **Rack 1, Tube 58**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000558uv	mg/L	0.000538	96.6	501.587	0.000558 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001272	292.2	-2.92149	uncal mg/L	Y 371.029
Al 237.312	0.006114	mg/L	0.005236	85.6	55.7686	0.006114 mg/L	Y 371.029
Al 257.509	0.011939uv	mg/L	0.016101	134.9	25.5335	0.011939 mg/L	Y 371.029
Al 308.215	0.015860	mg/L	0.001636	10.3	1347.65	0.015860 mg/L	Y 371.029
As 188.980	0.005293	mg/L	0.001868	35.3	6.77032	0.005293 mg/L	Y 371.029
As 193.696	0.008585	mg/L	0.004354	50.7	5.14617	0.008585 mg/L	Y 371.029
As 228.812	0.001746	mg/L	0.002578	147.7	13.1653	0.001746 mg/L	Y 371.029
B 182.577	0.007414	mg/L	0.000520	7.0	7.15759	0.007414 mg/L	Y 371.029
B 249.678	0.006310	mg/L	0.002043	32.4	95.1524	0.006310 mg/L	Y 371.029
B 249.772	0.007503	mg/L	0.001958	26.1	187.403	0.007503 mg/L	Y 371.029
Ba 233.527	0.000125	mg/L	0.000041	33.3	179.536	0.000125 mg/L	Y 371.029
Ba 455.403	-0.000197uv	mg/L	0.000021	10.8	3836.87	-0.000197 mg/L	Y 371.029
Ba 493.408	-0.000054uv	mg/L	0.000017	32.1	2445.96	-0.000054 mg/L	Y 371.029
Be 234.861	0.000050	mg/L	0.000032	64.8	2.01170	0.000050 mg/L	Y 371.029
Be 313.042	0.000105	mg/L	0.000004	3.8	503.798	0.000105 mg/L	Y 371.029
Be 313.107	0.000006	mg/L	0.000008	117.4	80.7977	0.000006 mg/L	Y 371.029
Ca 393.366	-0.003100nuv	mg/L	0.000022	0.7	14815.3	-0.003100 mg/L	Y 371.029
Ca 396.847	-0.002389uv	mg/L	0.000025	1.0	24427.6	-0.002389 mg/L	Y 371.029
Ca 430.253	-0.006196uv	mg/L	0.001402	22.6	1173.20	-0.006196 mg/L	Y 371.029
Cd 214.439	0.000338	mg/L	0.000171	50.5	6.59401	0.000338 mg/L	Y 371.029
Cd 226.502	-0.000099uv	mg/L	0.000017	17.5	18.7713	-0.000099 mg/L	Y 371.029
Cd 228.802	0.000294uv	mg/L	0.000292	99.2	21.2866	0.000294 mg/L	Y 371.029
Co 228.615	0.001554	mg/L	0.000590	37.9	10.9358	0.001554 mg/L	Y 371.029
Co 230.786	0.000029uv	mg/L	0.000555	1936.4	6.17711	0.000029 mg/L	Y 371.029
Co 238.892	0.000220	mg/L	0.000257	117.1	5.26597	0.000220 mg/L	Y 371.029
Cr 205.560	0.000108uv	mg/L	0.000665	618.5	5.67870	0.000108 mg/L	Y 371.029
Cr 206.158	0.000972	mg/L	0.000767	78.9	3.09607	0.000972 mg/L	Y 371.029
Cr 267.716	-0.000158uv	mg/L	0.000336	212.3	22.9007	-0.000158 mg/L	Y 371.029
Cu 213.598	-0.000089uv	mg/L	0.000108	121.8	1.30578	-0.000089 mg/L	Y 371.029
Cu 324.754	-0.000623uv	mg/L	0.000282	45.3	325.747	-0.000623 mg/L	Y 371.029
Cu 327.395	0.000768	mg/L	0.000636	82.8	51.1611	0.000768 mg/L	Y 371.029
Fe 234.350	0.002852	mg/L	0.000536	18.8	38.3985	0.002852 mg/L	Y 371.029
Fe 238.204	0.002801	mg/L	0.001260	45.0	91.4493	0.002801 mg/L	Y 371.029
Fe 259.940	0.003028	mg/L	0.001153	38.1	99.4606	0.003028 mg/L	Y 371.029
Ga 287.423	0.002321uv	mg/L	0.002583	111.3	22.2170	0.002321 mg/L	Y 371.029
Ga 294.363	0.004096	mg/L	0.000746	18.2	28.6962	0.004096 mg/L	Y 371.029
Ga 417.204	-0.002557uv	mg/L	0.001431	56.0	89.6377	-0.002557 mg/L	Y 371.029
K 766.491	-0.001174uv	mg/L	0.000168	14.3	1947.17	-0.001174 mg/L	Y 371.029
K 769.897	0.001253	mg/L	0.001143	91.2	12508.6	0.001253 mg/L	Y 371.029
Li 610.365	0.011213	mg/L	0.000201	1.8	-9.52081	0.011213 mg/L	Y 371.029
Li 670.783	-0.002415uv	mg/L	0.000008	0.3	58720.4	-0.002415 mg/L	Y 371.029
Mg 279.078	-0.001042uv	mg/L	0.000506	48.5	11.9978	-0.001042 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	-0.000096uv	mg/L	0.000054	56.1	291.174	-0.000096 mg/L	Y 371.029
Mg 285.213	0.000617	mg/L	0.000015	2.5	82.6571	0.000617 mg/L	Y 371.029
Mn 257.610	-0.000116uv	mg/L	0.000013	11.5	-2.85863	-0.000116 mg/L	Y 371.029
Mn 259.372	-0.000125uv	mg/L	0.000059	47.5	48.4118	-0.000125 mg/L	Y 371.029
Mn 260.568	-0.000021uv	mg/L	0.000121	568.8	6.97735	-0.000021 mg/L	Y 371.029
Mo 202.032	0.021029	mg/L	0.002248	10.7	92.4665	0.021029 mg/L	Y 371.029
Mo 203.846	0.023662	mg/L	0.004133	17.5	37.0208	0.023662 mg/L	Y 371.029
Mo 204.598	0.020835	mg/L	0.001581	7.6	37.8536	0.020835 mg/L	Y 371.029
Na 568.821	0.581603	mg/L	0.026221	4.5	249.772	0.581603 mg/L	Y 371.029
Na 588.995	-0.250522uv	mg/L	0.000815	0.3	183897	-0.250522 mg/L	Y 371.029
Na 589.592	-0.097633uv	mg/L	0.000147	0.2	65462.8	-0.097633 mg/L	Y 371.029
Ni 216.555	0.000874	mg/L	0.000415	47.5	4.79478	0.000874 mg/L	Y 371.029
Ni 221.648	0.000666uv	mg/L	0.001192	178.9	3.52515	0.000666 mg/L	Y 371.029
Ni 231.604	0.000281uv	mg/L	0.000337	119.8	6.48041	0.000281 mg/L	Y 371.029
P 177.434	0.001731uv	mg/L	0.002151	124.3	3.01748	0.001731 mg/L	Y 371.029
P 213.618	0.000845uv	mg/L	0.002104	248.8	3.25037	0.000845 mg/L	Y 371.029
P 214.914	0.009627	mg/L	0.003753	39.0	4.42514	0.009627 mg/L	Y 371.029
Pb 220.353	0.000582uv	mg/L	0.002073	356.0	5.22086	0.000582 mg/L	Y 371.029
Pb 261.417	0.010175	mg/L	0.008373	82.3	20.5000	0.010175 mg/L	Y 371.029
Pb 405.781	-0.000061uv	mg/L	0.001123	1855.4	57.4605	-0.000061 mg/L	Y 371.029
Sb 206.834	0.042359	mg/L	0.001362	3.2	33.1432	0.042359 mg/L	Y 371.029
Sb 231.146	0.040000	mg/L	0.001347	3.4	23.5549	0.040000 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.014580	95.0	21.8988	uncal mg/L	Y 371.029
Se 196.026	0.008744	mg/L	0.004484	51.3	5.97243	0.008744 mg/L	Y 371.029
Se 203.985	0.015541	mg/L	0.008175	52.6	6.79844	0.015541 mg/L	Y 371.029
Si 250.690	0.002292	mg/L	0.000773	33.7	49.6570	0.002292 mg/L	Y 371.029
Si 251.611	0.003412	mg/L	0.001687	49.4	43.1996	0.003412 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.001614	28.3	721.990	uncal mg/L	Y 371.029
Sn 189.927	0.000868uv	mg/L	0.003531	406.7	3.39727	0.000868 mg/L	Y 371.029
Sn 283.998	-0.002383uv	mg/L	0.004292	180.1	10.9042	-0.002383 mg/L	Y 371.029
Sr 216.596	0.000589	mg/L	0.000506	85.9	17.8265	0.000589 mg/L	Y 371.029
Sr 407.771	-0.000089uv	mg/L	0.000002	2.4	5197.95	-0.000089 mg/L	Y 371.029
Sr 421.552	-0.000061uv	mg/L	0.000007	11.5	3174.71	-0.000061 mg/L	Y 371.029
Ti 334.941	0.001448	mg/L	0.000205	14.2	384.860	0.001448 mg/L	Y 371.029
Ti 336.122	0.001611	mg/L	0.000366	22.7	173.288	0.001611 mg/L	Y 371.029
Ti 337.280	0.001457	mg/L	0.000210	14.4	28.9277	0.001457 mg/L	Y 371.029
Tl 190.794	0.003854uv	mg/L	0.005048	131.0	3.76348	0.003854 mg/L	Y 371.029
Tl 190.807	0.007468	mg/L	0.005330	71.4	1.18248	0.007468 mg/L	Y 371.029
Tl 351.923	-0.011422uv	mg/L	0.005576	48.8	7.67486	-0.011422 mg/L	Y 371.029
V 268.796	0.000354	mg/L	0.000826	233.4	47.3092	0.000354 mg/L	Y 371.029
V 292.401	-0.000282uv	mg/L	0.000206	72.8	36.3884	-0.000282 mg/L	Y 371.029
V 311.837	0.000478	mg/L	0.000096	20.0	8.87109	0.000478 mg/L	Y 371.029
Zn 202.548	-0.001773uv	mg/L	0.000088	5.0	598.245	-0.001773 mg/L	Y 371.029
Zn 206.200	-0.000616uv	mg/L	0.000216	35.1	196.635	-0.000616 mg/L	Y 371.029
Zn 213.857	-0.003362uv	mg/L	0.000495	14.7	1101.42	-0.003362 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.948480	7605.66	25.971	0.3
Y 371.029	0.836278	137908	472.189	0.3

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11D1170-01 (Samp) **4/28/2011, 10:49:32 AM** **Rack 1, Tube 59**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001179	mg/L	0.000459	38.9	538.081	0.011788 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000513	72.0	-2.18486	uncal mg/L	Y 371.029
Al 237.312	1.64781	mg/L	0.007225	0.4	2070.80	16.4781 mg/L	Y 371.029
Al 257.509	1.69995	mg/L	0.010952	0.6	987.004	16.9995 mg/L	Y 371.029
Al 308.215	1.73842	mg/L	0.003247	0.2	11536.8	17.3842 mg/L	Y 371.029
As 188.980	0.005274uv	mg/L	0.007048	133.6	6.72532	0.052745 mg/L	Y 371.029
As 193.696	0.002644uv	mg/L	0.003391	128.2	2.74514	0.026441 mg/L	Y 371.029
As 228.812	-0.003918uv	mg/L	0.004382	111.8	7.88281	-0.039176 mg/L	Y 371.029
B 182.577	0.004799	mg/L	0.000836	17.4	6.23052	0.047991 mg/L	Y 371.029
B 249.678	0.001497	mg/L	0.000291	19.5	58.9635	0.014975 mg/L	Y 371.029
B 249.772	0.002276	mg/L	0.000419	18.4	173.242	0.022764 mg/L	Y 371.029
Ba 233.527	0.094178	mg/L	0.000269	0.3	3791.36	0.941776 mg/L	Y 371.029
Ba 455.403	0.090287	mg/L	0.000146	0.2	83042.2	0.902874 mg/L	Y 371.029
Ba 493.408	0.094488	mg/L	0.000036	0.0	53160.0	0.944880 mg/L	Y 371.029
Be 234.861	0.000335	mg/L	0.000043	12.8	8.59175	0.003353 mg/L	Y 371.029
Be 313.042	0.000149	mg/L	0.000004	2.7	575.920	0.001493 mg/L	Y 371.029
Be 313.107	-0.000000uv	mg/L	0.000009	2596.1	74.6558	-0.000004 mg/L	Y 371.029
Ca 393.366	4.61672n	mg/L	0.070901	1.5	5434124	46.1672 mg/L	Y 371.029
Ca 396.847	4.49814	mg/L	0.009145	0.2	8930121	44.9814 mg/L	Y 371.029
Ca 430.253	4.78215	mg/L	0.006544	0.1	21510.4	47.8214 mg/L	Y 371.029
Cd 214.439	0.000383	mg/L	0.000236	61.7	8.12040	0.003831 mg/L	Y 371.029
Cd 226.502	0.000122	mg/L	0.000087	70.7	38.9284	0.001224 mg/L	Y 371.029
Cd 228.802	0.000439	mg/L	0.000169	38.5	22.8746	0.004385 mg/L	Y 371.029
Co 228.615	-0.000097	mg/L	0.000677	696.7	15.8922	-0.000972 mg/L	Y 371.029
Co 230.786	-0.001241	mg/L	0.000403	32.5	13.4601	-0.012410 mg/L	Y 371.029
Co 238.892	0.004951uv	mg/L	0.000109	2.2	1.06335	0.049510 mg/L	Y 371.029
Cr 205.560	0.010565	mg/L	0.000289	2.7	53.4755	0.105647 mg/L	Y 371.029
Cr 206.158	0.011615	mg/L	0.001186	10.2	22.7996	0.116146 mg/L	Y 371.029
Cr 267.716	0.011763	mg/L	0.000059	0.5	308.261	0.117628 mg/L	Y 371.029
Cu 213.598	0.082379	mg/L	0.000443	0.5	331.975	0.823788 mg/L	Y 371.029
Cu 324.754	0.078945	mg/L	0.000183	0.2	2880.13	0.789448 mg/L	Y 371.029
Cu 327.395	0.077701	mg/L	0.000086	0.1	3380.79	0.777009 mg/L	Y 371.029
Fe 234.350	4.95351	mg/L	0.030283	0.6	42739.3	49.5351 mg/L	Y 371.029
Fe 238.204	4.81691	mg/L	0.047774	1.0	85668.8	48.1691 mg/L	Y 371.029
Fe 259.940	4.92964	mg/L	0.046105	0.9	72343.3	49.2964 mg/L	Y 371.029
Ga 287.423	-0.009233	mg/L	0.001401	15.2	82.7757	-0.092325 mg/L	Y 371.029
Ga 294.363	0.003324	mg/L	0.000735	22.1	27.8484	0.033244 mg/L	Y 371.029
Ga 417.204	-0.002860	mg/L	0.001640	57.3	137.319	-0.028599 mg/L	Y 371.029
K 766.491	2.59599	mg/L	0.001056	0.0	180010	25.9599 mg/L	Y 371.029
K 769.897	2.46910	mg/L	0.000980	0.0	152382	24.6910 mg/L	Y 371.029
Li 610.365	0.011430	mg/L	0.000342	3.0	1.33899	0.114295 mg/L	Y 371.029
Li 670.783	-0.002058uv	mg/L	0.000022	1.0	60482.7	-0.020580 mg/L	Y 371.029
Mg 279.078	1.61796	mg/L	0.001201	0.1	2618.83	16.1796 mg/L	Y 371.029
Mg 280.270	1.61272	mg/L	0.008201	0.5	159610	16.1272 mg/L	Y 371.029
Mg 285.213	1.60926	mg/L	0.009101	0.6	57045.9	16.0926 mg/L	Y 371.029
Mn 257.610	0.034465	mg/L	0.000099	0.3	5600.91	0.344651 mg/L	Y 371.029
Mn 259.372	0.035994	mg/L	0.000173	0.5	4852.42	0.359943 mg/L	Y 371.029
Mn 260.568	0.037224	mg/L	0.000282	0.8	719.541	0.372242 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.006180	mg/L	0.001767	28.6	44.9981	0.061798 mg/L	Y 371.029
Mo 203.846	0.009210	mg/L	0.000613	6.7	17.3395	0.092102 mg/L	Y 371.029
Mo 204.598	0.006539	mg/L	0.001874	28.7	15.5727	0.065395 mg/L	Y 371.029
Na 568.821	1.24635	mg/L	0.100774	8.1	429.266	12.4635 mg/L	Y 371.029
Na 588.995	0.598843	mg/L	0.001403	0.2	661501	5.98843 mg/L	Y 371.029
Na 589.592	0.678919	mg/L	0.000444	0.1	300329	6.78919 mg/L	Y 371.029
Ni 216.555	-0.000068	mg/L	0.000507	747.9	22.4345	-0.000678 mg/L	Y 371.029
Ni 221.648	-0.000881	mg/L	0.000917	104.1	8.90768	-0.008814 mg/L	Y 371.029
Ni 231.604	0.000541	mg/L	0.000674	124.7	21.5320	0.005409 mg/L	Y 371.029
P 177.434	8.30888	mg/L	0.022746	0.3	1234.04	83.0888 mg/L	Y 371.029
P 213.618	8.26971	mg/L	0.037015	0.4	5394.34	82.6971 mg/L	Y 371.029
P 214.914	8.19890	mg/L	0.027703	0.3	1395.69	81.9890 mg/L	Y 371.029
Pb 220.353	0.006184	mg/L	0.002944	47.6	11.4151	0.061845 mg/L	Y 371.029
Pb 261.417	0.001273uv	mg/L	0.006809	535.0	15.6367	0.012727 mg/L	Y 371.029
Pb 405.781	-0.003365uv	mg/L	0.006677	198.4	56.0384	-0.033650 mg/L	Y 371.029
Sb 206.834	0.021737	mg/L	0.002428	11.2	22.5026	0.217372 mg/L	Y 371.029
Sb 231.146	0.010792	mg/L	0.008001	74.1	13.0982	0.107918 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.012425	20.2	5.74026	uncal mg/L	Y 371.029
Se 196.026	0.000927uv	mg/L	0.001665	179.7	3.67943	0.009266 mg/L	Y 371.029
Se 203.985	0.005435uv	mg/L	0.006842	125.9	5.10855	0.054348 mg/L	Y 371.029
Si 250.690	1.23521	mg/L	0.003553	0.3	1599.29	12.3521 mg/L	Y 371.029
Si 251.611	1.21405	mg/L	0.005438	0.4	1772.81	12.1405 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.005674	0.5	9676.99	uncal mg/L	Y 371.029
Sn 189.927	0.006614	mg/L	0.001745	26.4	5.14782	0.066144 mg/L	Y 371.029
Sn 283.998	0.003601	mg/L	0.000237	6.6	32.4315	0.036012 mg/L	Y 371.029
Sr 216.596	0.025074	mg/L	0.000396	1.6	218.318	0.250743 mg/L	Y 371.029
Sr 407.771	0.025522	mg/L	0.000034	0.1	69854.3	0.255221 mg/L	Y 371.029
Sr 421.552	0.026169	mg/L	0.000053	0.2	46199.4	0.261691 mg/L	Y 371.029
Ti 334.941	0.072365	mg/L	0.002434	3.4	15625.0	0.723653 mg/L	Y 371.029
Ti 336.122	0.073851	mg/L	0.002582	3.5	6700.81	0.738514 mg/L	Y 371.029
Ti 337.280	0.073097	mg/L	0.001974	2.7	2230.04	0.730973 mg/L	Y 371.029
Tl 190.794	-0.000690uv	mg/L	0.002091	303.0	2.23929	-0.006901 mg/L	Y 371.029
Tl 190.807	0.009160	mg/L	0.002054	22.4	1.38172	0.091604 mg/L	Y 371.029
Tl 351.923	-0.011377uv	mg/L	0.000566	5.0	7.89937	-0.113775 mg/L	Y 371.029
V 268.796	0.002767	mg/L	0.000532	19.2	61.1064	0.027668 mg/L	Y 371.029
V 292.401	0.001971	mg/L	0.000386	19.6	137.786	0.019714 mg/L	Y 371.029
V 311.837	0.001435	mg/L	0.000351	24.5	84.7138	0.014345 mg/L	Y 371.029
Zn 202.548	0.142431	mg/L	0.001124	0.8	1865.22	1.42431 mg/L	Y 371.029
Zn 206.200	0.142995	mg/L	0.001529	1.1	613.745	1.42995 mg/L	Y 371.029
Zn 213.857	0.139713	mg/L	0.000745	0.5	3491.81	1.39713 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.949802	7616.25	22.068	0.3
Y 371.029	0.839387	138421	417.223	0.3

11D1172-01 (Samp)	**4/28/2011, 10:53:30 AM**	**Rack 1, Tube 60**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 10**

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000188uvb	mg/L	0.000166	88.4	423.870	-0.001881 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000020	3.6	-6.38272	uncal mg/L	Y 371.029
Al 237.312	99.8892b	mg/L	0.122590	0.1	122620	998.892 mg/L	Y 371.029
Al 257.509	105.371b	mg/L	1.28161	1.2	60038.0	1053.71 mg/L	Y 371.029
Al 308.215	104.230b	mg/L	0.225938	0.2	618525	1042.30 mg/L	Y 371.029
As 188.980	0.003500b	mg/L	0.001131	32.3	7.96285	0.034996 mg/L	Y 371.029
As 193.696	-0.002455b	mg/L	0.001786	72.7	5.11364	-0.024553 mg/L	Y 371.029
As 228.812	0.020373b	mg/L	0.002572	12.6	15.0812	0.203727 mg/L	Y 371.029
B 182.577	0.003170b	mg/L	0.000797	25.2	8.32873	0.031698 mg/L	Y 371.029
B 249.678	-0.004304b	mg/L	0.000811	18.8	129.451	-0.043043 mg/L	Y 371.029
B 249.772	-0.001997b	mg/L	0.000068	3.4	3643.32	-0.019975 mg/L	Y 371.029
Ba 233.527	0.254222b	mg/L	0.000636	0.3	10086.5	2.54222 mg/L	Y 371.029
Ba 455.403	0.249254b	mg/L	0.000299	0.1	223039	2.49254 mg/L	Y 371.029
Ba 493.408	0.253826b	mg/L	0.000233	0.1	140029	2.53826 mg/L	Y 371.029
Be 234.861	0.005965uvb	mg/L	0.000348	5.8	-713.096	0.059652 mg/L	Y 371.029
Be 313.042	0.004959b	mg/L	0.000003	0.1	8780.93	0.049585 mg/L	Y 371.029
Be 313.107	0.004766b	mg/L	0.000009	0.2	4021.64	0.047660 mg/L	Y 371.029
Ca 393.366	6.67581nb	mg/L	0.009349	0.1	7871005	66.7581 mg/L	Y 371.029
Ca 396.847	6.79820b	mg/L	0.009004	0.1	13518611	67.9820 mg/L	Y 371.029
Ca 430.253	6.92341b	mg/L	0.015920	0.2	31668.7	69.2341 mg/L	Y 371.029
Cd 214.439	-0.000409b	mg/L	0.000093	22.7	25.9892	-0.004095 mg/L	Y 371.029
Cd 226.502	-0.002393b	mg/L	0.000008	0.3	528.219	-0.023933 mg/L	Y 371.029
Cd 228.802	0.001391uvb	mg/L	0.000411	29.6	12.4708	0.013914 mg/L	Y 371.029
Co 228.615	-0.060894b	mg/L	0.000468	0.8	421.509	-0.608940 mg/L	Y 371.029
Co 230.786	-0.062089b	mg/L	0.000594	1.0	400.129	-0.620887 mg/L	Y 371.029
Co 238.892	0.048813uvb	mg/L	0.004757	9.7	-1355.20	0.488127 mg/L	Y 371.029
Cr 205.560	0.079901b	mg/L	0.000360	0.5	620.690	0.799010 mg/L	Y 371.029
Cr 206.158	0.082313b	mg/L	0.001193	1.4	257.443	0.823131 mg/L	Y 371.029
Cr 267.716	0.087828b	mg/L	0.000363	0.4	3454.04	0.878284 mg/L	Y 371.029
Cu 213.598	0.134073b	mg/L	0.001534	1.1	1058.29	1.34073 mg/L	Y 371.029
Cu 324.754	0.121643b	mg/L	0.000535	0.4	5543.87	1.21643 mg/L	Y 371.029
Cu 327.395	0.108234b	mg/L	0.000112	0.1	7319.85	1.08234 mg/L	Y 371.029
Fe 234.350	-xb	mg/L	0.323789	0.1	2244668	- mg/L	Y 371.029
Fe 238.204	-xb	mg/L	0.441693	0.2	4176960	- mg/L	Y 371.029
Fe 259.940	-xb	mg/L	1.38293	0.6	3546532	- mg/L	Y 371.029
Ga 287.423	-0.294366b	mg/L	0.001005	0.3	3892.70	-2.94366 mg/L	Y 371.029
Ga 294.363	0.025903b	mg/L	0.000909	3.5	391.108	0.259029 mg/L	Y 371.029
Ga 417.204	0.025604b	mg/L	0.001198	4.7	1358.31	0.256035 mg/L	Y 371.029
K 766.491	6.36935b	mg/L	0.010440	0.2	439494	63.6935 mg/L	Y 371.029
K 769.897	6.15829b	mg/L	0.009868	0.2	361839	61.5829 mg/L	Y 371.029
Li 610.365	0.011725b	mg/L	0.000220	1.9	16.1134	0.117248 mg/L	Y 371.029
Li 670.783	0.008705b	mg/L	0.000050	0.6	107708	0.087054 mg/L	Y 371.029
Mg 279.078	12.2022b	mg/L	0.019028	0.2	19753.4	122.022 mg/L	Y 371.029
Mg 280.270	11.8989b	mg/L	0.037723	0.3	1176058	118.989 mg/L	Y 371.029
Mg 285.213	12.9208b	mg/L	0.047983	0.4	457612	129.208 mg/L	Y 371.029
Mn 257.610	0.079838b	mg/L	0.003475	4.4	48387.0	0.798377 mg/L	Y 371.029
Mn 259.372	0.202107b	mg/L	0.005839	2.9	70405.8	2.02107 mg/L	Y 371.029
Mn 260.568	0.271129b	mg/L	0.001181	0.4	6115.37	2.71129 mg/L	Y 371.029
Mo 202.032	-0.018838uvb	mg/L	0.000492	2.6	18.0604	-0.188381 mg/L	Y 371.029
Mo 203.846	-0.026288b	mg/L	0.000633	2.4	15.0530	-0.262884 mg/L	Y 371.029
Mo 204.598	-0.024334b	mg/L	0.000748	3.1	18.5293	-0.243335 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	0.654019b	mg/L	0.147981	22.6	298.508	6.54019 mg/L	Y 371.029
Na 588.995	0.189350b	mg/L	0.002270	1.2	450988	1.89350 mg/L	Y 371.029
Na 589.592	0.292377b	mg/L	0.000979	0.3	199526	2.92377 mg/L	Y 371.029
Ni 216.555	-0.140410b	mg/L	0.000388	0.3	461.792	-1.40410 mg/L	Y 371.029
Ni 221.648	-0.152955b	mg/L	0.000416	0.3	139.416	-1.52955 mg/L	Y 371.029
Ni 231.604	-0.147264b	mg/L	0.000131	0.1	235.251	-1.47264 mg/L	Y 371.029
P 177.434	1.41411b	mg/L	0.005696	0.4	219.476	14.1411 mg/L	Y 371.029
P 213.618	1.37744b	mg/L	0.007347	0.5	933.867	13.7744 mg/L	Y 371.029
P 214.914	1.38909b	mg/L	0.028530	2.1	270.588	13.8909 mg/L	Y 371.029
Pb 220.353	0.052392b	mg/L	0.002124	4.1	61.0985	0.523918 mg/L	Y 371.029
Pb 261.417	0.095591b	mg/L	0.044217	46.3	39.5959	0.955910 mg/L	Y 371.029
Pb 405.781	-0.072843uvb	mg/L	0.009644	13.2	9.12345	-0.728425 mg/L	Y 371.029
Sb 206.834	-0.026922b	mg/L	0.002547	9.5	18.8997	-0.269217 mg/L	Y 371.029
Sb 231.146	-0.108989b	mg/L	0.006517	6.0	18.0431	-1.08989 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.202252	26.3	104.835	uncal mg/L	Y 371.029
Se 196.026	0.019837uvb	mg/L	0.004090	20.6	1.91398	0.198371 mg/L	Y 371.029
Se 203.985	0.029620uvb	mg/L	0.014765	49.8	3.93032	0.296202 mg/L	Y 371.029
Si 250.690	2.14898b	mg/L	0.022197	1.0	2890.45	21.4898 mg/L	Y 371.029
Si 251.611	2.13304b	mg/L	0.020640	1.0	3201.90	21.3304 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.019331	0.9	17023.6	uncal mg/L	Y 371.029
Sn 189.927	-0.012291uvb	mg/L	0.004465	36.3	3.19504	-0.122907 mg/L	Y 371.029
Sn 283.998	-0.086755b	mg/L	0.004551	5.2	78.8576	-0.867552 mg/L	Y 371.029
Sr 216.596	0.056224b	mg/L	0.000350	0.6	879.166	0.562237 mg/L	Y 371.029
Sr 407.771	0.073820b	mg/L	0.000076	0.1	191323	0.738205 mg/L	Y 371.029
Sr 421.552	0.075461b	mg/L	0.000191	0.3	127206	0.754611 mg/L	Y 371.029
Ti 334.941	0.502323b	mg/L	0.004963	1.0	112232	5.02323 mg/L	Y 371.029
Ti 336.122	0.527697b	mg/L	0.003945	0.7	49385.3	5.27697 mg/L	Y 371.029
Ti 337.280	0.522729b	mg/L	0.004511	0.9	16568.4	5.22729 mg/L	Y 371.029
Tl 190.794	-0.008779uvb	mg/L	0.000970	11.1	2.19692	-0.087789 mg/L	Y 371.029
Tl 190.807	0.012162b	mg/L	0.002912	23.9	1.96338	0.121616 mg/L	Y 371.029
Tl 351.923	0.001171uvb	mg/L	0.001785	152.4	11.9769	0.011712 mg/L	Y 371.029
V 268.796	0.465127b	mg/L	0.001291	0.3	4297.02	4.65127 mg/L	Y 371.029
V 292.401	0.445803b	mg/L	0.000873	0.2	15037.7	4.45803 mg/L	Y 371.029
V 311.837	0.446641b	mg/L	0.000420	0.1	20164.2	4.46641 mg/L	Y 371.029
Zn 202.548	0.106628b	mg/L	0.000867	0.8	1768.42	1.06628 mg/L	Y 371.029
Zn 206.200	0.108321b	mg/L	0.000341	0.3	572.201	1.08321 mg/L	Y 371.029
Zn 213.857	0.102580b	mg/L	0.000112	0.1	3560.86	1.02580 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00771	8080.60	21.792	0.3
Y 371.029	0.890990	146931	209.823	0.1

11D1172-02 (Samp) **4/28/2011, 10:57:42 AM** **Rack 3, Tube 1**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000295uv	mg/L	0.000276	93.8	485.674	0.002946 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001763	865.7	-4.78238	uncal mg/L	Y 371.029
Al 237.312	85.6079	mg/L	0.215350	0.3	105163	856.079 mg/L	Y 371.029
Al 257.509	89.4140	mg/L	1.81655	2.0	50954.8	894.140 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	91.0360	mg/L	0.509362	0.6	540540	910.360 mg/L	Y 371.029
As 188.980	0.020213	mg/L	0.003643	18.0	12.9442	0.202132 mg/L	Y 371.029
As 193.696	0.009569	mg/L	0.004512	47.2	7.89727	0.095692 mg/L	Y 371.029
As 228.812	0.011364	mg/L	0.002474	21.8	15.5910	0.113640 mg/L	Y 371.029
B 182.577	0.003090	mg/L	0.001071	34.7	6.97597	0.030899 mg/L	Y 371.029
B 249.678	-0.003558	mg/L	0.000876	24.6	74.5627	-0.035579 mg/L	Y 371.029
B 249.772	-0.003335	mg/L	0.001619	48.6	1362.60	-0.033349 mg/L	Y 371.029
Ba 233.527	0.176404	mg/L	0.000650	0.4	7024.61	1.76404 mg/L	Y 371.029
Ba 455.403	0.169640	mg/L	0.000584	0.3	153274	1.69640 mg/L	Y 371.029
Ba 493.408	0.172965	mg/L	0.000305	0.2	96031.7	1.72965 mg/L	Y 371.029
Be 234.861	0.001669uv	mg/L	0.000382	22.9	-322.079	0.016688 mg/L	Y 371.029
Be 313.042	0.001677	mg/L	0.000012	0.7	3174.43	0.016773 mg/L	Y 371.029
Be 313.107	0.001540	mg/L	0.000007	0.4	1344.02	0.015398 mg/L	Y 371.029
Ca 393.366	4.89708n	mg/L	0.030431	0.6	5771255	48.9708 mg/L	Y 371.029
Ca 396.847	4.88114	mg/L	0.018830	0.4	9707125	48.8114 mg/L	Y 371.029
Ca 430.253	5.00417	mg/L	0.021135	0.4	22893.7	50.0417 mg/L	Y 371.029
Cd 214.439	0.000219	mg/L	0.000142	64.9	15.8834	0.002189 mg/L	Y 371.029
Cd 226.502	-0.001092	mg/L	0.000020	1.8	204.383	-0.010922 mg/L	Y 371.029
Cd 228.802	0.000319uv	mg/L	0.000192	60.1	14.1477	0.003186 mg/L	Y 371.029
Co 228.615	-0.021894	mg/L	0.000618	2.8	168.764	-0.218945 mg/L	Y 371.029
Co 230.786	-0.022444	mg/L	0.001171	5.2	152.869	-0.224436 mg/L	Y 371.029
Co 238.892	0.020438uv	mg/L	0.002846	13.9	-479.689	0.204377 mg/L	Y 371.029
Cr 205.560	0.074435	mg/L	0.000140	0.2	476.757	0.744345 mg/L	Y 371.029
Cr 206.158	0.077546	mg/L	0.001096	1.4	198.419	0.775459 mg/L	Y 371.029
Cr 267.716	0.080097	mg/L	0.000082	0.1	2654.00	0.800973 mg/L	Y 371.029
Cu 213.598	0.015802	mg/L	0.002420	15.3	265.117	0.158015 mg/L	Y 371.029
Cu 324.754	0.016621	mg/L	0.000251	1.5	1356.28	0.166211 mg/L	Y 371.029
Cu 327.395	0.010475	mg/L	0.001092	10.4	1519.00	0.104747 mg/L	Y 371.029
Fe 234.350	95.3609	mg/L	0.736115	0.8	823860	953.609 mg/L	Y 371.029
Fe 238.204	90.2804	mg/L	0.232640	0.3	1607722	902.804 mg/L	Y 371.029
Fe 259.940	92.8585	mg/L	1.05994	1.1	1364225	928.585 mg/L	Y 371.029
Ga 287.423	-0.131943	mg/L	0.006280	4.8	1408.17	-1.31943 mg/L	Y 371.029
Ga 294.363	0.018172	mg/L	0.000675	3.7	213.097	0.181724 mg/L	Y 371.029
Ga 417.204	0.010097	mg/L	0.001006	10.0	932.120	0.100970 mg/L	Y 371.029
K 766.491	4.42414	mg/L	0.012770	0.3	305724	44.2414 mg/L	Y 371.029
K 769.897	4.24515	mg/L	0.009977	0.2	253237	42.4515 mg/L	Y 371.029
Li 610.365	0.034706	mg/L	0.000577	1.7	1166.00	0.347064 mg/L	Y 371.029
Li 670.783	0.054295	mg/L	0.000192	0.4	259339	0.542946 mg/L	Y 371.029
Mg 279.078	5.98642	mg/L	0.028890	0.5	9691.48	59.8642 mg/L	Y 371.029
Mg 280.270	6.02625	mg/L	0.037022	0.6	595852	60.2625 mg/L	Y 371.029
Mg 285.213	6.11707	mg/L	0.085303	1.4	216730	61.1707 mg/L	Y 371.029
Mn 257.610	0.129818	mg/L	0.006001	4.6	49373.5	1.29818 mg/L	Y 371.029
Mn 259.372	0.268153	mg/L	0.006880	2.6	49122.5	2.68153 mg/L	Y 371.029
Mn 260.568	0.298194	mg/L	0.000234	0.1	6313.36	2.98194 mg/L	Y 371.029
Mo 202.032	-0.023907	mg/L	0.000403	1.7	33.9466	-0.239072 mg/L	Y 371.029
Mo 203.846	-0.025825	mg/L	0.001298	5.0	16.8786	-0.258247 mg/L	Y 371.029
Mo 204.598	-0.024816	mg/L	0.000136	0.5	19.2048	-0.248159 mg/L	Y 371.029
Na 568.821	0.623887	mg/L	0.042427	6.8	279.647	6.23887 mg/L	Y 371.029
Na 588.995	-0.118559uv	mg/L	0.003507	3.0	268324	-1.18559 mg/L	Y 371.029
Na 589.592	0.015959	mg/L	0.000460	2.9	107387	0.159593 mg/L	Y 371.029
Ni 216.555	-0.039193	mg/L	0.000502	1.3	243.836	-0.391934 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	-0.045449	mg/L	0.000894	2.0	79.9406	-0.454494 mg/L	Y 371.029
Ni 231.604	-0.041139	mg/L	0.000464	1.1	140.859	-0.411395 mg/L	Y 371.029
P 177.434	0.624735	mg/L	0.001443	0.2	97.6533	6.24735 mg/L	Y 371.029
P 213.618	0.602592	mg/L	0.009346	1.6	409.323	6.02592 mg/L	Y 371.029
P 214.914	0.591502	mg/L	0.017314	2.9	115.006	5.91502 mg/L	Y 371.029
Pb 220.353	0.042751	mg/L	0.004102	9.6	50.2589	0.427506 mg/L	Y 371.029
Pb 261.417	0.021008uv	mg/L	0.015144	72.1	17.3312	0.210082 mg/L	Y 371.029
Pb 405.781	-0.026052uv	mg/L	0.015412	59.2	54.0593	-0.260523 mg/L	Y 371.029
Sb 206.834	-0.021914	mg/L	0.003284	15.0	12.3332	-0.219139 mg/L	Y 371.029
Sb 231.146	-0.107842	mg/L	0.006364	5.9	11.3905	-1.07842 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.015469	3.2	9.21204	uncal mg/L	Y 371.029
Se 196.026	0.004043uv	mg/L	0.002736	67.7	1.62109	0.040435 mg/L	Y 371.029
Se 203.985	0.005702uv	mg/L	0.004101	71.9	4.20422	0.057021 mg/L	Y 371.029
Si 250.690	1.71799	mg/L	0.016750	1.0	2286.27	17.1799 mg/L	Y 371.029
Si 251.611	1.69812	mg/L	0.022894	1.3	2540.46	16.9812 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.027356	1.6	13614.7	uncal mg/L	Y 371.029
Sn 189.927	-0.006119uv	mg/L	0.001729	28.3	3.20592	-0.061193 mg/L	Y 371.029
Sn 283.998	-0.048611	mg/L	0.002100	4.3	75.2474	-0.486111 mg/L	Y 371.029
Sr 216.596	0.017632	mg/L	0.000398	2.3	308.376	0.176316 mg/L	Y 371.029
Sr 407.771	0.024560	mg/L	0.000132	0.5	67463.2	0.245605 mg/L	Y 371.029
Sr 421.552	0.024955	mg/L	0.000186	0.7	44435.2	0.249550 mg/L	Y 371.029
Ti 334.941	0.794634	mg/L	0.001162	0.1	172583	7.94634 mg/L	Y 371.029
Ti 336.122	0.821017	mg/L	0.002601	0.3	74923.0	8.21017 mg/L	Y 371.029
Ti 337.280	0.809585	mg/L	0.002384	0.3	25060.3	8.09585 mg/L	Y 371.029
Tl 190.794	-0.004926uv	mg/L	0.001090	22.1	1.63957	-0.049258 mg/L	Y 371.029
Tl 190.807	0.008084	mg/L	0.005666	70.1	1.18240	0.080838 mg/L	Y 371.029
Tl 351.923	-0.002658uv	mg/L	0.000928	34.9	12.5585	-0.026579 mg/L	Y 371.029
V 268.796	0.150411	mg/L	0.002010	1.3	1492.47	1.50411 mg/L	Y 371.029
V 292.401	0.144885	mg/L	0.002578	1.8	5209.34	1.44885 mg/L	Y 371.029
V 311.837	0.140875	mg/L	0.001182	0.8	6704.59	1.40875 mg/L	Y 371.029
Zn 202.548	0.070459	mg/L	0.000155	0.2	1357.11	0.704585 mg/L	Y 371.029
Zn 206.200	0.071910	mg/L	0.001377	1.9	445.308	0.719096 mg/L	Y 371.029
Zn 213.857	0.068493	mg/L	0.000623	0.9	2648.99	0.684927 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.956885	7673.05	22.560	0.3
Y 371.029	0.841568	138780	414.489	0.3

11D1172-03 (Samp) **4/28/2011, 11:01:38 AM** **Rack 3, Tube 2**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000056uv	mg/L	0.000071	125.9	473.088	-0.000560 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000921	537.1	-4.40445	uncal mg/L	Y 371.029
Al 237.312	86.7562	mg/L	0.087538	0.1	106572	867.562 mg/L	Y 371.029
Al 257.509	90.8071	mg/L	0.277666	0.3	51748.7	908.071 mg/L	Y 371.029
Al 308.215	92.3685	mg/L	0.049707	0.1	548406	923.685 mg/L	Y 371.029
As 188.980	0.004286	mg/L	0.001083	25.3	7.37501	0.042865 mg/L	Y 371.029
As 193.696	-0.002190	mg/L	0.003917	178.8	3.11929	-0.021902 mg/L	Y 371.029
As 228.812	0.011232	mg/L	0.001024	9.1	14.6795	0.112317 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.009818	mg/L	0.000852	8.7	9.98033	0.098182 mg/L	Y 371.029
B 249.678	0.005602	mg/L	0.001118	20.0	156.669	0.056024 mg/L	Y 371.029
B 249.772	0.007069	mg/L	0.002252	31.9	1661.78	0.070685 mg/L	Y 371.029
Ba 233.527	0.443814	mg/L	0.000528	0.1	17286.5	4.43814 mg/L	Y 371.029
Ba 455.403	0.433719	mg/L	0.000462	0.1	384330	4.33719 mg/L	Y 371.029
Ba 493.408	0.441826	mg/L	0.000617	0.1	240185	4.41826 mg/L	Y 371.029
Be 234.861	0.003316uv	mg/L	0.000100	3.0	-180.437	0.033157 mg/L	Y 371.029
Be 313.042	0.004562	mg/L	0.000008	0.2	8040.58	0.045618 mg/L	Y 371.029
Be 313.107	0.004412	mg/L	0.000012	0.3	3735.13	0.044123 mg/L	Y 371.029
Ca 393.366	5.60737n	mg/L	0.011288	0.2	6609632	56.0737 mg/L	Y 371.029
Ca 396.847	5.66149	mg/L	0.013718	0.2	11258555	56.6149 mg/L	Y 371.029
Ca 430.253	5.82866	mg/L	0.013825	0.2	26477.9	58.2866 mg/L	Y 371.029
Cd 214.439	0.000798	mg/L	0.000350	43.8	27.7816	0.007983 mg/L	Y 371.029
Cd 226.502	-0.000723	mg/L	0.000089	12.3	240.610	-0.007233 mg/L	Y 371.029
Cd 228.802	0.000773uv	mg/L	0.000181	23.5	19.4016	0.007732 mg/L	Y 371.029
Co 228.615	-0.007005	mg/L	0.000539	7.7	335.651	-0.070045 mg/L	Y 371.029
Co 230.786	-0.007260	mg/L	0.000532	7.3	273.452	-0.072601 mg/L	Y 371.029
Co 238.892	-0.190397uv	mg/L	0.001486	0.8	-1722.75	-1.90397 mg/L	Y 371.029
Cr 205.560	0.081256	mg/L	0.000224	0.3	512.009	0.812557 mg/L	Y 371.029
Cr 206.158	0.084130	mg/L	0.001993	2.4	212.504	0.841302 mg/L	Y 371.029
Cr 267.716	0.086675	mg/L	0.000588	0.7	2837.37	0.866749 mg/L	Y 371.029
Cu 213.598	0.078104	mg/L	0.001828	2.3	527.347	0.781040 mg/L	Y 371.029
Cu 324.754	0.077197	mg/L	0.000166	0.2	3321.00	0.771969 mg/L	Y 371.029
Cu 327.395	0.069869	mg/L	0.000189	0.3	4152.93	0.698688 mg/L	Y 371.029
Fe 234.350	104.772	mg/L	0.129668	0.1	905021	1047.72 mg/L	Y 371.029
Fe 238.204	100.235	mg/L	0.030538	0.0	1784607	1002.35 mg/L	Y 371.029
Fe 259.940	101.381	mg/L	0.158115	0.2	1489127	1013.81 mg/L	Y 371.029
Ga 287.423	-0.133098	mg/L	0.001828	1.4	1568.27	-1.33098 mg/L	Y 371.029
Ga 294.363	0.017995	mg/L	0.001093	6.1	219.383	0.179946 mg/L	Y 371.029
Ga 417.204	0.010488	mg/L	0.000110	1.0	1103.17	0.104881 mg/L	Y 371.029
K 766.491	8.50696	mg/L	0.059853	0.7	585629	85.0696 mg/L	Y 371.029
K 769.897	8.36882	mg/L	0.005287	0.1	486951	83.6882 mg/L	Y 371.029
Li 610.365	0.114777	mg/L	0.000299	0.3	5172.32	1.14777 mg/L	Y 371.029
Li 670.783	0.146315	mg/L	0.000163	0.1	578196	1.46315 mg/L	Y 371.029
Mg 279.078	18.3096	mg/L	0.016564	0.1	29522.7	183.096 mg/L	Y 371.029
Mg 280.270	17.2779	mg/L	0.024929	0.1	1707102	172.779 mg/L	Y 371.029
Mg 285.213	18.6576	mg/L	0.162219	0.9	660761	186.576 mg/L	Y 371.029
Mn 257.610	0.554910	mg/L	0.000620	0.1	111207	5.54910 mg/L	Y 371.029
Mn 259.372	0.694365	mg/L	0.001293	0.2	96660.3	6.94365 mg/L	Y 371.029
Mn 260.568	0.729759	mg/L	0.000769	0.1	14337.9	7.29759 mg/L	Y 371.029
Mo 202.032	-0.026071	mg/L	0.000714	2.7	22.9424	-0.260711 mg/L	Y 371.029
Mo 203.846	-0.028284	mg/L	0.000261	0.9	12.2074	-0.282836 mg/L	Y 371.029
Mo 204.598	-0.027870	mg/L	0.000915	3.3	13.2628	-0.278700 mg/L	Y 371.029
Na 568.821	0.786257	mg/L	0.038091	4.8	327.533	7.86257 mg/L	Y 371.029
Na 588.995	0.219860	mg/L	0.003132	1.4	459886	2.19860 mg/L	Y 371.029
Na 589.592	0.329066	mg/L	0.000554	0.2	203342	3.29066 mg/L	Y 371.029
Ni 216.555	0.031406	mg/L	0.001172	3.7	643.002	0.314064 mg/L	Y 371.029
Ni 221.648	0.025352	mg/L	0.001102	4.3	237.780	0.253521 mg/L	Y 371.029
Ni 231.604	0.031713	mg/L	0.000280	0.9	413.182	0.317127 mg/L	Y 371.029
P 177.434	0.532592	mg/L	0.003389	0.6	84.2861	5.32592 mg/L	Y 371.029
P 213.618	0.505249	mg/L	0.003838	0.8	348.653	5.05249 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.514176	mg/L	0.014417	2.8	103.658	5.14176 mg/L	Y 371.029
Pb 220.353	0.053631	mg/L	0.001543	2.9	62.3586	0.536306 mg/L	Y 371.029
Pb 261.417	0.026053	mg/L	0.007499	28.8	18.8618	0.260535 mg/L	Y 371.029
Pb 405.781	-0.026423uv	mg/L	0.004896	18.5	59.8500	-0.264225 mg/L	Y 371.029
Sb 206.834	-0.020949	mg/L	0.001114	5.3	13.7810	-0.209489 mg/L	Y 371.029
Sb 231.146	-0.123468uv	mg/L	0.001164	0.9	5.89268	-1.23468 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.022726	4.7	17.2880	uncal mg/L	Y 371.029
Se 196.026	0.007792uv	mg/L	0.004965	63.7	2.52385	0.077921 mg/L	Y 371.029
Se 203.985	0.016908uv	mg/L	0.013930	82.4	5.81260	0.169081 mg/L	Y 371.029
Si 250.690	1.25810	mg/L	0.009357	0.7	1714.30	12.5810 mg/L	Y 371.029
Si 251.611	1.24790	mg/L	0.006298	0.5	1906.94	12.4790 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.014331	1.1	10328.3	uncal mg/L	Y 371.029
Sn 189.927	-0.002721	mg/L	0.002421	89.0	4.34286	-0.027210 mg/L	Y 371.029
Sn 283.998	-0.062849	mg/L	0.004127	6.6	67.5980	-0.628489 mg/L	Y 371.029
Sr 216.596	0.061545	mg/L	0.000420	0.7	667.097	0.615454 mg/L	Y 371.029
Sr 407.771	0.070037	mg/L	0.000164	0.2	181786	0.700366 mg/L	Y 371.029
Sr 421.552	0.071763	mg/L	0.000045	0.1	120902	0.717628 mg/L	Y 371.029
Ti 334.941	1.06258	mg/L	0.002833	0.3	229946	10.6258 mg/L	Y 371.029
Ti 336.122	1.08031	mg/L	0.002840	0.3	98278.2	10.8031 mg/L	Y 371.029
Ti 337.280	1.08553	mg/L	0.000499	0.0	33509.4	10.8553 mg/L	Y 371.029
Tl 190.794	-0.005365uv	mg/L	0.002962	55.2	1.92138	-0.053654 mg/L	Y 371.029
Tl 190.807	0.016292	mg/L	0.003471	21.3	2.34183	0.162917 mg/L	Y 371.029
Tl 351.923	-0.008225uv	mg/L	0.002269	27.6	3.71439	-0.082246 mg/L	Y 371.029
V 268.796	0.150067	mg/L	0.001941	1.3	1497.94	1.50067 mg/L	Y 371.029
V 292.401	0.144813	mg/L	0.001116	0.8	5269.17	1.44813 mg/L	Y 371.029
V 311.837	0.141299	mg/L	0.000509	0.4	6779.43	1.41299 mg/L	Y 371.029
Zn 202.548	0.299622	mg/L	0.001642	0.5	3370.26	2.99622 mg/L	Y 371.029
Zn 206.200	0.301760	mg/L	0.002459	0.8	1115.71	3.01760 mg/L	Y 371.029
Zn 213.857	0.296584	mg/L	0.000802	0.3	6484.06	2.96584 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.990905	7945.85	34.450	0.4
Y 371.029	0.872310	143850	575.534	0.4

11D1172-04 (Samp) **4/28/2011, 11:05:34 AM** **Rack 3, Tube 3**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002668uvb	mg/L	0.000394	14.8	459.378	-0.026682 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000839	1801.4	-6.44718	uncal mg/L	Y 371.029
Al 237.312	92.2518b	mg/L	0.130694	0.1	113322	922.518 mg/L	Y 371.029
Al 257.509	96.0644b	mg/L	0.198945	0.2	54739.6	960.644 mg/L	Y 371.029
Al 308.215	96.9304b	mg/L	0.217756	0.2	575310	969.304 mg/L	Y 371.029
As 188.980	0.032882b	mg/L	0.002021	6.1	16.9952	0.328815 mg/L	Y 371.029
As 193.696	0.023917b	mg/L	0.009003	37.6	13.8499	0.239170 mg/L	Y 371.029
As 228.812	0.029636b	mg/L	0.003659	12.3	27.5176	0.296363 mg/L	Y 371.029
B 182.577	0.016331b	mg/L	0.004021	24.6	14.6910	0.163314 mg/L	Y 371.029
B 249.678	0.008796b	mg/L	0.000977	11.1	228.772	0.087958 mg/L	Y 371.029
B 249.772	0.010589b	mg/L	0.001417	13.4	2132.67	0.105887 mg/L	Y 371.029
Ba 233.527	0.248619b	mg/L	0.000729	0.3	9885.62	2.48619 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.243851b	mg/L	0.000254	0.1	219762	2.43851 mg/L	Y 371.029
Ba 493.408	0.248946b	mg/L	0.000246	0.1	137834	2.48946 mg/L	Y 371.029
Be 234.861	0.001703uvb	mg/L	0.000247	14.5	-513.914	0.017028 mg/L	Y 371.029
Be 313.042	0.002158b	mg/L	0.000008	0.4	3983.40	0.021584 mg/L	Y 371.029
Be 313.107	0.001997b	mg/L	0.000010	0.5	1737.74	0.019973 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.560479	1.5	44278404	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.322634	1.4	45648220	- mg/L	Y 371.029
Ca 430.253	101.330b	mg/L	0.099685	0.1	431629	1013.30 mg/L	Y 371.029
Cd 214.439	0.000022b	mg/L	0.000252	1152.5	16.7026	0.000219 mg/L	Y 371.029
Cd 226.502	-0.001421b	mg/L	0.000074	5.2	282.062	-0.014208 mg/L	Y 371.029
Cd 228.802	0.001079b	mg/L	0.000088	8.2	20.3027	0.010793 mg/L	Y 371.029
Co 228.615	-0.025191b	mg/L	0.000073	0.3	270.957	-0.251908 mg/L	Y 371.029
Co 230.786	-0.026243b	mg/L	0.001059	4.0	241.035	-0.262430 mg/L	Y 371.029
Co 238.892	0.018674uvb	mg/L	0.001116	6.0	-714.213	0.186742 mg/L	Y 371.029
Cr 205.560	0.196012b	mg/L	0.002284	1.2	1003.65	1.96012 mg/L	Y 371.029
Cr 206.158	0.200414b	mg/L	0.002567	1.3	411.328	2.00414 mg/L	Y 371.029
Cr 267.716	0.204684b	mg/L	0.000793	0.4	5517.51	2.04684 mg/L	Y 371.029
Cu 213.598	0.029630b	mg/L	0.000316	1.1	396.123	0.296298 mg/L	Y 371.029
Cu 324.754	0.030012b	mg/L	0.000119	0.4	1883.92	0.300118 mg/L	Y 371.029
Cu 327.395	0.018668b	mg/L	0.001250	6.7	2272.92	0.186683 mg/L	Y 371.029
Fe 234.350	131.644b	mg/L	0.453225	0.3	1136755	1316.44 mg/L	Y 371.029
Fe 238.204	125.075b	mg/L	0.296893	0.2	2226114	1250.75 mg/L	Y 371.029
Fe 259.940	126.962b	mg/L	0.321611	0.3	1864163	1269.62 mg/L	Y 371.029
Ga 287.423	-0.155204b	mg/L	0.007270	4.7	1984.22	-1.55204 mg/L	Y 371.029
Ga 294.363	0.021603b	mg/L	0.000552	2.6	252.439	0.216030 mg/L	Y 371.029
Ga 417.204	0.014270b	mg/L	0.002161	15.1	1057.15	0.142698 mg/L	Y 371.029
K 766.491	6.89391b	mg/L	0.015722	0.2	475837	68.9391 mg/L	Y 371.029
K 769.897	6.67546b	mg/L	0.012824	0.2	391616	66.7546 mg/L	Y 371.029
Li 610.365	0.032467b	mg/L	0.001029	3.2	1053.96	0.324672 mg/L	Y 371.029
Li 670.783	0.053738b	mg/L	0.000028	0.1	263366	0.537380 mg/L	Y 371.029
Mg 279.078	30.9783b	mg/L	0.047897	0.2	49915.9	309.783 mg/L	Y 371.029
Mg 280.270	28.3566b	mg/L	0.060185	0.2	2801608	283.566 mg/L	Y 371.029
Mg 285.213	31.7100b	mg/L	0.087522	0.3	1122941	317.100 mg/L	Y 371.029
Mn 257.610	0.350289b	mg/L	0.001052	0.3	83820.4	3.50289 mg/L	Y 371.029
Mn 259.372	0.491338b	mg/L	0.001434	0.3	79819.8	4.91338 mg/L	Y 371.029
Mn 260.568	0.523259b	mg/L	0.000603	0.1	10689.6	5.23259 mg/L	Y 371.029
Mo 202.032	-0.028525b	mg/L	0.000693	2.4	39.1155	-0.285247 mg/L	Y 371.029
Mo 203.846	-0.033030b	mg/L	0.001892	5.7	18.0675	-0.330300 mg/L	Y 371.029
Mo 204.598	-0.031573b	mg/L	0.000687	2.2	20.9983	-0.315728 mg/L	Y 371.029
Na 568.821	1.18475b	mg/L	0.065223	5.5	545.553	11.8475 mg/L	Y 371.029
Na 588.995	0.910791b	mg/L	0.002951	0.3	862119	9.10791 mg/L	Y 371.029
Na 589.592	0.958713b	mg/L	0.002370	0.2	400770	9.58713 mg/L	Y 371.029
Ni 216.555	0.072072b	mg/L	0.001484	2.1	969.650	0.720717 mg/L	Y 371.029
Ni 221.648	0.066044b	mg/L	0.000777	1.2	365.035	0.660439 mg/L	Y 371.029
Ni 231.604	0.072944b	mg/L	0.000500	0.7	630.183	0.729435 mg/L	Y 371.029
P 177.434	1.06253b	mg/L	0.006551	0.6	163.469	10.6253 mg/L	Y 371.029
P 213.618	1.02864b	mg/L	0.004859	0.5	693.856	10.2864 mg/L	Y 371.029
P 214.914	1.03330b	mg/L	0.023555	2.3	195.118	10.3330 mg/L	Y 371.029
Pb 220.353	0.059279b	mg/L	0.003444	5.8	69.8250	0.592789 mg/L	Y 371.029
Pb 261.417	0.049868b	mg/L	0.015502	31.1	26.3344	0.498679 mg/L	Y 371.029
Pb 405.781	-0.024743b	mg/L	0.012519	50.6	97.2961	-0.247433 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.031737b	mg/L	0.003050	9.6	14.5166	-0.317375 mg/L	Y 371.029
Sb 231.146	-0.162000uvb	mg/L	0.003458	2.1	5.61662	-1.62000 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.142311	26.9	46.3140	uncal mg/L	Y 371.029
Se 196.026	0.004357uvb	mg/L	0.001431	32.8	3.27984	0.043570 mg/L	Y 371.029
Se 203.985	0.032191b	mg/L	0.007739	24.0	7.76696	0.321913 mg/L	Y 371.029
Si 250.690	1.64105b	mg/L	0.009805	0.6	2207.40	16.4105 mg/L	Y 371.029
Si 251.611	1.52756b	mg/L	0.012464	0.8	2448.34	15.2756 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.006338	0.4	13042.7	uncal mg/L	Y 371.029
Sn 189.927	-0.007042uvb	mg/L	0.002857	40.6	2.94617	-0.070416 mg/L	Y 371.029
Sn 283.998	-0.064900b	mg/L	0.000926	1.4	198.341	-0.648997 mg/L	Y 371.029
Sr 216.596	0.184283b	mg/L	0.000515	0.3	1689.17	1.84283 mg/L	Y 371.029
Sr 407.771	0.200457b	mg/L	0.000749	0.4	515213	2.00457 mg/L	Y 371.029
Sr 421.552	0.204380b	mg/L	0.000817	0.4	341141	2.04380 mg/L	Y 371.029
Ti 334.941	0.830162b	mg/L	0.005883	0.7	180764	8.30162 mg/L	Y 371.029
Ti 336.122	0.850074b	mg/L	0.003618	0.4	77738.4	8.50074 mg/L	Y 371.029
Ti 337.280	0.841205b	mg/L	0.001745	0.2	26117.2	8.41205 mg/L	Y 371.029
Tl 190.794	-0.001130uvb	mg/L	0.004745	419.9	2.55895	-0.011301 mg/L	Y 371.029
Tl 190.807	0.015905b	mg/L	0.007685	48.3	1.42863	0.159053 mg/L	Y 371.029
Tl 351.923	-0.004109uvb	mg/L	0.004058	98.8	14.6335	-0.041092 mg/L	Y 371.029
V 268.796	0.186254b	mg/L	0.000369	0.2	1845.33	1.86254 mg/L	Y 371.029
V 292.401	0.179898b	mg/L	0.000345	0.2	6464.59	1.79898 mg/L	Y 371.029
V 311.837	0.177157b	mg/L	0.000320	0.2	8430.12	1.77157 mg/L	Y 371.029
Zn 202.548	0.205737b	mg/L	0.001243	0.6	2630.50	2.05737 mg/L	Y 371.029
Zn 206.200	0.210921b	mg/L	0.001702	0.8	880.383	2.10921 mg/L	Y 371.029
Zn 213.857	0.209172b	mg/L	0.001221	0.6	5229.63	2.09172 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.949348	7612.61	26.063	0.3
Y 371.029	0.837336	138083	288.083	0.2

11D1172-05 (Samp) **4/28/2011, 11:09:41 AM** **Rack 3, Tube 4**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000103uvb	mg/L	0.000252	245.2	452.218	0.001028 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001319	174.2	-2.85638	uncal mg/L	Y 371.029
Al 237.312	53.9392b	mg/L	0.090508	0.2	66228.7	539.392 mg/L	Y 371.029
Al 257.509	56.1304b	mg/L	0.336616	0.6	31989.7	561.304 mg/L	Y 371.029
Al 308.215	57.0833b	mg/L	0.061962	0.1	339304	570.833 mg/L	Y 371.029
As 188.980	0.022665b	mg/L	0.002423	10.7	13.7421	0.226649 mg/L	Y 371.029
As 193.696	0.018001b	mg/L	0.005763	32.0	11.6169	0.180008 mg/L	Y 371.029
As 228.812	0.023298b	mg/L	0.004556	19.6	23.1225	0.232979 mg/L	Y 371.029
B 182.577	0.003250b	mg/L	0.000892	27.4	6.99090	0.032504 mg/L	Y 371.029
B 249.678	-0.002670b	mg/L	0.001498	56.1	88.2366	-0.026704 mg/L	Y 371.029
B 249.772	-0.001499b	mg/L	0.001145	76.4	2128.49	-0.014992 mg/L	Y 371.029
Ba 233.527	0.134201b	mg/L	0.000038	0.0	5407.90	1.34201 mg/L	Y 371.029
Ba 455.403	0.128758b	mg/L	0.000150	0.1	117078	1.28758 mg/L	Y 371.029
Ba 493.408	0.131223b	mg/L	0.000107	0.1	73596.3	1.31223 mg/L	Y 371.029
Be 234.861	0.002921uvb	mg/L	0.000381	13.0	-477.267	0.029206 mg/L	Y 371.029
Be 313.042	0.002724b	mg/L	0.000001	0.0	4961.29	0.027244 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.002579b	mg/L	0.000020	0.8	2208.07	0.025786 mg/L	Y 371.029
Ca 393.366	0.599893nb	mg/L	0.000183	0.0	733877	5.99893 mg/L	Y 371.029
Ca 396.847	0.584792b	mg/L	0.000275	0.0	1206519	5.84792 mg/L	Y 371.029
Ca 430.253	0.472985b	mg/L	0.004648	1.0	3825.97	4.72985 mg/L	Y 371.029
Cd 214.439	-0.000306b	mg/L	0.000154	50.4	14.0613	-0.003055 mg/L	Y 371.029
Cd 226.502	-0.001634b	mg/L	0.000079	4.8	305.576	-0.016339 mg/L	Y 371.029
Cd 228.802	0.000413uvb	mg/L	0.000267	64.5	8.96997	0.004131 mg/L	Y 371.029
Co 228.615	-0.049622b	mg/L	0.000577	1.2	121.955	-0.496216 mg/L	Y 371.029
Co 230.786	-0.050125b	mg/L	0.000663	1.3	150.459	-0.501252 mg/L	Y 371.029
Co 238.892	-0.333474uvb	mg/L	0.002702	0.8	-2818.41	-3.33474 mg/L	Y 371.029
Cr 205.560	0.071881b	mg/L	0.001126	1.6	460.059	0.718810 mg/L	Y 371.029
Cr 206.158	0.073819b	mg/L	0.000286	0.4	190.243	0.738188 mg/L	Y 371.029
Cr 267.716	0.077562b	mg/L	0.001215	1.6	2558.66	0.775624 mg/L	Y 371.029
Cu 213.598	0.023670b	mg/L	0.001367	5.8	403.096	0.236705 mg/L	Y 371.029
Cu 324.754	0.017938b	mg/L	0.000585	3.3	1687.78	0.179379 mg/L	Y 371.029
Cu 327.395	0.010272b	mg/L	0.000345	3.4	2005.18	0.102720 mg/L	Y 371.029
Fe 234.350	150.793b	mg/L	1.01546	0.7	1300284	1507.93 mg/L	Y 371.029
Fe 238.204	141.802b	mg/L	0.430048	0.3	2520067	1418.02 mg/L	Y 371.029
Fe 259.940	145.488b	mg/L	2.29391	1.6	2133200	1454.88 mg/L	Y 371.029
Ga 287.423	-0.195700b	mg/L	0.005556	2.8	2203.45	-1.95700 mg/L	Y 371.029
Ga 294.363	0.013683b	mg/L	0.000742	5.4	219.378	0.136835 mg/L	Y 371.029
Ga 417.204	0.006050b	mg/L	0.003733	61.7	737.925	0.060498 mg/L	Y 371.029
K 766.491	4.01640b	mg/L	0.006047	0.2	277786	40.1640 mg/L	Y 371.029
K 769.897	3.84799b	mg/L	0.007406	0.2	230717	38.4799 mg/L	Y 371.029
Li 610.365	0.015253b	mg/L	0.000471	3.1	192.652	0.152531 mg/L	Y 371.029
Li 670.783	0.021683b	mg/L	0.000023	0.1	147052	0.216826 mg/L	Y 371.029
Mg 279.078	2.71915b	mg/L	0.002156	0.1	4449.77	27.1915 mg/L	Y 371.029
Mg 280.270	2.74327b	mg/L	0.024694	0.9	271549	27.4327 mg/L	Y 371.029
Mg 285.213	2.73798b	mg/L	0.010697	0.4	97033.1	27.3798 mg/L	Y 371.029
Mn 257.610	-0.044742b	mg/L	0.000327	0.7	13527.8	-0.447416 mg/L	Y 371.029
Mn 259.372	0.013669b	mg/L	0.000837	6.1	29461.8	0.136689 mg/L	Y 371.029
Mn 260.568	0.058530b	mg/L	0.000410	0.7	1676.24	0.585302 mg/L	Y 371.029
Mo 202.032	-0.007165b	mg/L	0.001077	15.0	26.2795	-0.071650 mg/L	Y 371.029
Mo 203.846	-0.008396b	mg/L	0.001000	11.9	16.9987	-0.083956 mg/L	Y 371.029
Mo 204.598	-0.007762b	mg/L	0.000541	7.0	19.4632	-0.077618 mg/L	Y 371.029
Na 568.821	0.586135b	mg/L	0.058338	10.0	262.455	5.86135 mg/L	Y 371.029
Na 588.995	-0.063223uvb	mg/L	0.003074	4.9	299702	-0.632229 mg/L	Y 371.029
Na 589.592	0.065916b	mg/L	0.000377	0.6	123676	0.659157 mg/L	Y 371.029
Ni 216.555	-0.097135b	mg/L	0.000486	0.5	186.608	-0.971351 mg/L	Y 371.029
Ni 221.648	-0.105221b	mg/L	0.000346	0.3	47.8118	-1.05221 mg/L	Y 371.029
Ni 231.604	-0.102514b	mg/L	0.000455	0.4	79.3597	-1.02514 mg/L	Y 371.029
P 177.434	1.10289b	mg/L	0.006923	0.6	170.332	11.0289 mg/L	Y 371.029
P 213.618	1.07331b	mg/L	0.006028	0.6	720.090	10.7331 mg/L	Y 371.029
P 214.914	1.07723b	mg/L	0.019247	1.8	203.650	10.7723 mg/L	Y 371.029
Pb 220.353	0.043743b	mg/L	0.000673	1.5	51.8151	0.437435 mg/L	Y 371.029
Pb 261.417	0.045057uvb	mg/L	0.024873	55.2	24.6210	0.450575 mg/L	Y 371.029
Pb 405.781	-0.033753uvb	mg/L	0.009434	27.9	36.1315	-0.337532 mg/L	Y 371.029
Sb 206.834	-0.016846b	mg/L	0.007386	43.8	13.6599	-0.168458 mg/L	Y 371.029
Sb 231.146	-0.060425b	mg/L	0.009441	15.6	11.7632	-0.604254 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.061840	11.6	40.5562	uncal mg/L	Y 371.029
Se 196.026	0.009202uvb	mg/L	0.010094	109.7	1.80841	0.092019 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.009875uvb	mg/L	0.011895	120.4	3.44863	0.098754 mg/L	Y 371.029
Si 250.690	1.56854b	mg/L	0.005172	0.3	2097.01	15.6854 mg/L	Y 371.029
Si 251.611	1.55516b	mg/L	0.005484	0.4	2315.94	15.5515 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.011381	0.7	12382.9	uncal mg/L	Y 371.029
Sn 189.927	-0.003962uvb	mg/L	0.006185	156.1	4.06114	-0.039620 mg/L	Y 371.029
Sn 283.998	-0.048347b	mg/L	0.002472	5.1	77.5891	-0.483475 mg/L	Y 371.029
Sr 216.596	0.018512b	mg/L	0.000242	1.3	404.210	0.185122 mg/L	Y 371.029
Sr 407.771	0.027894b	mg/L	0.000106	0.4	75513.8	0.278937 mg/L	Y 371.029
Sr 421.552	0.028342b	mg/L	0.000123	0.4	49816.8	0.283419 mg/L	Y 371.029
Ti 334.941	0.263199b	mg/L	0.001349	0.5	59021.2	2.63199 mg/L	Y 371.029
Ti 336.122	0.271090b	mg/L	0.000222	0.1	25475.7	2.71090 mg/L	Y 371.029
Ti 337.280	0.264551b	mg/L	0.000995	0.4	8410.86	2.64551 mg/L	Y 371.029
Tl 190.794	-0.005935uvb	mg/L	0.002372	40.0	1.94773	-0.059345 mg/L	Y 371.029
Tl 190.807	0.011096b	mg/L	0.004155	37.5	1.89476	0.110956 mg/L	Y 371.029
Tl 351.923	-0.004070uvb	mg/L	0.002701	66.4	10.2175	-0.040703 mg/L	Y 371.029
V 268.796	0.215959b	mg/L	0.001337	0.6	2050.16	2.15959 mg/L	Y 371.029
V 292.401	0.207056b	mg/L	0.001802	0.9	7187.00	2.07056 mg/L	Y 371.029
V 311.837	0.203649b	mg/L	0.000354	0.2	9413.61	2.03649 mg/L	Y 371.029
Zn 202.548	0.037119b	mg/L	0.000228	0.6	1053.22	0.371187 mg/L	Y 371.029
Zn 206.200	0.036831b	mg/L	0.000482	1.3	335.984	0.368309 mg/L	Y 371.029
Zn 213.857	0.032791b	mg/L	0.000433	1.3	2082.77	0.327909 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.972430	7797.71	17.817	0.2
Y 371.029	0.856606	141260	176.157	0.1

SEQ-CCV7 (Samp) **4/28/2011, 11:22:47 AM** **Rack 3, Tube 5**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.101093	mg/L	0.000366	0.4	5333.57	0.101093 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002560	2.6	268.149	uncal mg/L	Y 371.029
Al 237.312	2.39139	mg/L	0.005944	0.2	2988.89	2.39139 mg/L	Y 371.029
Al 257.509	2.44183	mg/L	0.021070	0.9	1408.66	2.44183 mg/L	Y 371.029
Al 308.215	2.51686	mg/L	0.006410	0.3	16212.7	2.51686 mg/L	Y 371.029
As 188.980	0.494187	mg/L	0.001023	0.2	171.256	0.494187 mg/L	Y 371.029
As 193.696	0.503649	mg/L	0.005300	1.1	208.433	0.503649 mg/L	Y 371.029
As 228.812	0.791834	mg/L	0.016685	2.1	1096.03	0.791834 mg/L	Y 371.029
B 182.577	0.467281	mg/L	0.009226	2.0	199.387	0.467281 mg/L	Y 371.029
B 249.678	0.495248	mg/L	0.009452	1.9	4234.31	0.495248 mg/L	Y 371.029
B 249.772	0.469893	mg/L	0.012760	2.7	7720.48	0.469893 mg/L	Y 371.029
Ba 233.527	0.505323	mg/L	0.002482	0.5	19556.7	0.505323 mg/L	Y 371.029
Ba 455.403	0.489826	mg/L	0.000711	0.1	432380	0.489826 mg/L	Y 371.029
Ba 493.408	0.495474	mg/L	0.000319	0.1	267937	0.495474 mg/L	Y 371.029
Be 234.861	0.500470	mg/L	0.000616	0.1	58127.8	0.500470 mg/L	Y 371.029
Be 313.042	0.490544	mg/L	0.002588	0.5	828598	0.490544 mg/L	Y 371.029
Be 313.107	0.498516	mg/L	0.002882	0.6	414817	0.498516 mg/L	Y 371.029
Ca 393.366	4.63425n	mg/L	0.054304	1.2	5457422	4.63425 mg/L	Y 371.029
Ca 396.847	4.57056	mg/L	0.011227	0.2	9077712	4.57056 mg/L	Y 371.029
Ca 430.253	4.98580	mg/L	0.024025	0.5	22410.0	4.98580 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.246709	mg/L	0.000426	0.2	4562.75	0.246709 mg/L	Y 371.029
Cd 226.502	0.252766	mg/L	0.000098	0.0	9197.57	0.252766 mg/L	Y 371.029
Cd 228.802	0.249453	mg/L	0.001099	0.4	3437.15	0.249453 mg/L	Y 371.029
Co 228.615	0.501005	mg/L	0.002155	0.4	4285.04	0.501005 mg/L	Y 371.029
Co 230.786	0.500040	mg/L	0.002736	0.5	3012.76	0.500040 mg/L	Y 371.029
Co 238.892	0.501803	mg/L	0.001436	0.3	2831.30	0.501803 mg/L	Y 371.029
Cr 205.560	0.487414	mg/L	0.000958	0.2	1981.76	0.487414 mg/L	Y 371.029
Cr 206.158	0.491659	mg/L	0.003163	0.6	804.008	0.491659 mg/L	Y 371.029
Cr 267.716	0.490891	mg/L	0.001573	0.3	10626.6	0.490891 mg/L	Y 371.029
Cu 213.598	0.501110	mg/L	0.003517	0.7	1960.44	0.501110 mg/L	Y 371.029
Cu 324.754	0.479325	mg/L	0.000732	0.2	15588.2	0.479325 mg/L	Y 371.029
Cu 327.395	0.473185	mg/L	0.000618	0.1	20182.0	0.473185 mg/L	Y 371.029
Fe 234.350	0.521092	mg/L	0.001178	0.2	4751.23	0.521092 mg/L	Y 371.029
Fe 238.204	0.505954	mg/L	0.009648	1.9	9335.14	0.505954 mg/L	Y 371.029
Fe 259.940	0.507531	mg/L	0.004307	0.8	7710.64	0.507531 mg/L	Y 371.029
Ga 287.423	0.492188	mg/L	0.007374	1.5	1120.53	0.492188 mg/L	Y 371.029
Ga 294.363	0.498302	mg/L	0.000634	0.1	2980.25	0.498302 mg/L	Y 371.029
Ga 417.204	0.501864	mg/L	0.000292	0.1	4597.69	0.501864 mg/L	Y 371.029
K 766.491	5.27884	mg/L	0.008013	0.2	364000	5.27884 mg/L	Y 371.029
K 769.897	5.09849	mg/L	0.008972	0.2	301410	5.09849 mg/L	Y 371.029
Li 610.365	1.01578	mg/L	0.002193	0.2	50253.9	1.01578 mg/L	Y 371.029
Li 670.783	1.09207	mg/L	0.001922	0.2	3827043	1.09207 mg/L	Y 371.029
Mg 279.078	5.12480	mg/L	0.009436	0.2	8257.95	5.12480 mg/L	Y 371.029
Mg 280.270	5.09544	mg/L	0.018016	0.4	503638	5.09544 mg/L	Y 371.029
Mg 285.213	5.16202	mg/L	0.047972	0.9	182857	5.16202 mg/L	Y 371.029
Mn 257.610	0.491247	mg/L	0.007862	1.6	71768.1	0.491247 mg/L	Y 371.029
Mn 259.372	0.493642	mg/L	0.008776	1.8	53919.8	0.493642 mg/L	Y 371.029
Mn 260.568	0.496741	mg/L	0.002461	0.5	9192.01	0.496741 mg/L	Y 371.029
Mo 202.032	1.03434	mg/L	0.009284	0.9	3541.65	1.03434 mg/L	Y 371.029
Mo 203.846	1.01316	mg/L	0.012968	1.3	1508.27	1.01316 mg/L	Y 371.029
Mo 204.598	1.03397	mg/L	0.009545	0.9	1757.94	1.03397 mg/L	Y 371.029
Na 568.821	5.05580	mg/L	0.043197	0.9	1427.49	5.05580 mg/L	Y 371.029
Na 588.995	5.62377	mg/L	0.017435	0.3	3482495	5.62377 mg/L	Y 371.029
Na 589.592	5.23965	mg/L	0.014580	0.3	1676561	5.23965 mg/L	Y 371.029
Ni 216.555	0.993123	mg/L	0.002436	0.2	5016.92	0.993123 mg/L	Y 371.029
Ni 221.648	0.991581	mg/L	0.002251	0.2	1988.70	0.991581 mg/L	Y 371.029
Ni 231.604	1.00072	mg/L	0.006852	0.7	3359.44	1.00072 mg/L	Y 371.029
P 177.434	0.514860	mg/L	0.007149	1.4	79.3311	0.514860 mg/L	Y 371.029
P 213.618	0.510034	mg/L	0.006386	1.3	346.845	0.510034 mg/L	Y 371.029
P 214.914	0.535930	mg/L	0.017913	3.3	99.1213	0.535930 mg/L	Y 371.029
Pb 220.353	0.985954	mg/L	0.003329	0.3	1076.03	0.985954 mg/L	Y 371.029
Pb 261.417	0.967055	mg/L	0.015357	1.6	495.259	0.967055 mg/L	Y 371.029
Pb 405.781	0.962525	mg/L	0.004730	0.5	1274.84	0.962525 mg/L	Y 371.029
Sb 206.834	0.864499	mg/L	0.009536	1.1	492.171	0.864499 mg/L	Y 371.029
Sb 231.146	0.888155	mg/L	0.008221	0.9	373.594	0.888155 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.014650	1.5	301.049	uncal mg/L	Y 371.029
Se 196.026	0.995398	mg/L	0.019300	1.9	294.244	0.995398 mg/L	Y 371.029
Se 203.985	1.01775	mg/L	0.019139	1.9	176.992	1.01775 mg/L	Y 371.029
Si 250.690	1.03651	mg/L	0.003413	0.3	1355.15	1.03651 mg/L	Y 371.029
Si 251.611	1.01448	mg/L	0.004730	0.5	1505.98	1.01448 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.002750	0.3	8196.82	uncal mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	1.05652	mg/L	0.004440	0.4	316.338	1.05652 mg/L	Y 371.029
Sn 283.998	0.976069	mg/L	0.005274	0.5	1858.08	0.976069 mg/L	Y 371.029
Sr 216.596	0.481164	mg/L	0.000995	0.2	3774.72	0.481164 mg/L	Y 371.029
Sr 407.771	0.473608	mg/L	0.003197	0.7	1195753	0.473608 mg/L	Y 371.029
Sr 421.552	0.484205	mg/L	0.001185	0.2	793853	0.484205 mg/L	Y 371.029
Ti 334.941	0.496551	mg/L	0.003746	0.8	106255	0.496551 mg/L	Y 371.029
Ti 336.122	0.512438	mg/L	0.002756	0.5	46129.8	0.512438 mg/L	Y 371.029
Ti 337.280	0.506531	mg/L	0.003292	0.6	15476.3	0.506531 mg/L	Y 371.029
Tl 190.794	0.508869	mg/L	0.008808	1.7	178.692	0.508869 mg/L	Y 371.029
Tl 190.807	0.509245	mg/L	0.005253	1.0	89.3998	0.509245 mg/L	Y 371.029
Tl 351.923	0.524670	mg/L	0.001774	0.3	860.386	0.524670 mg/L	Y 371.029
V 268.796	0.495409	mg/L	0.001338	0.3	5247.81	0.495409 mg/L	Y 371.029
V 292.401	0.480067	mg/L	0.002352	0.5	14372.3	0.480067 mg/L	Y 371.029
V 311.837	0.489796	mg/L	0.001842	0.4	19976.0	0.489796 mg/L	Y 371.029
Zn 202.548	0.499242	mg/L	0.001841	0.4	5013.67	0.499242 mg/L	Y 371.029
Zn 206.200	0.496614	mg/L	0.003023	0.6	1638.85	0.496614 mg/L	Y 371.029
Zn 213.857	0.475954	mg/L	0.010076	2.1	9178.52	0.475954 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.976195	7827.89	58.559	0.7
Y 371.029	0.845345	139403	1017.318	0.7

SEQ-CCB7 (Samp) **4/28/2011, 11:27:00 AM** **Rack 3, Tube 6**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000579	mg/L	0.000067	11.6	502.709	0.000579 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001798	1619.2	-3.83348	uncal mg/L	Y 371.029
Al 237.312	0.009074	mg/L	0.007212	79.5	59.4120	0.009074 mg/L	Y 371.029
Al 257.509	0.005725uv	mg/L	0.007414	129.5	22.0067	0.005725 mg/L	Y 371.029
Al 308.215	0.013359	mg/L	0.001249	9.4	1332.70	0.013359 mg/L	Y 371.029
As 188.980	0.006683	mg/L	0.003061	45.8	7.23764	0.006683 mg/L	Y 371.029
As 193.696	0.007556	mg/L	0.002974	39.4	4.72114	0.007556 mg/L	Y 371.029
As 228.812	0.003882	mg/L	0.005106	131.5	14.9964	0.003882 mg/L	Y 371.029
B 182.577	0.005060	mg/L	0.002333	46.1	6.17497	0.005060 mg/L	Y 371.029
B 249.678	0.006305	mg/L	0.001826	29.0	95.1206	0.006305 mg/L	Y 371.029
B 249.772	0.006606	mg/L	0.001304	19.7	172.791	0.006606 mg/L	Y 371.029
Ba 233.527	0.000232	mg/L	0.000061	26.3	183.670	0.000232 mg/L	Y 371.029
Ba 455.403	-0.000197uv	mg/L	0.000018	9.2	3836.66	-0.000197 mg/L	Y 371.029
Ba 493.408	-0.000077uv	mg/L	0.000018	22.8	2433.90	-0.000077 mg/L	Y 371.029
Be 234.861	0.000040	mg/L	0.000013	31.5	0.867292	0.000040 mg/L	Y 371.029
Be 313.042	0.000087	mg/L	0.000006	6.8	473.703	0.000087 mg/L	Y 371.029
Be 313.107	0.000012	mg/L	0.000010	85.8	85.3815	0.000012 mg/L	Y 371.029
Ca 393.366	-0.003166nuv	mg/L	0.000033	1.0	14743.4	-0.003166 mg/L	Y 371.029
Ca 396.847	-0.002516uv	mg/L	0.000025	1.0	24183.4	-0.002516 mg/L	Y 371.029
Ca 430.253	-0.012849uv	mg/L	0.002392	18.6	1145.29	-0.012849 mg/L	Y 371.029
Cd 214.439	0.000178	mg/L	0.000044	24.5	3.63312	0.000178 mg/L	Y 371.029
Cd 226.502	-0.000086uv	mg/L	0.000126	147.9	19.2643	-0.000086 mg/L	Y 371.029
Cd 228.802	0.000276uv	mg/L	0.000362	131.0	21.0419	0.000276 mg/L	Y 371.029
Co 228.615	0.001412	mg/L	0.000368	26.1	9.69434	0.001412 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.000505	mg/L	0.000238	47.0	9.03378	0.000505 mg/L	Y 371.029
Co 238.892	0.000118uv	mg/L	0.000298	252.8	4.71010	0.000118 mg/L	Y 371.029
Cr 205.560	-0.000437uv	mg/L	0.000410	93.7	3.47890	-0.000437 mg/L	Y 371.029
Cr 206.158	0.000277	mg/L	0.000267	96.1	1.96863	0.000277 mg/L	Y 371.029
Cr 267.716	0.000007uv	mg/L	0.000185	2573.0	26.4793	0.000007 mg/L	Y 371.029
Cu 213.598	0.000309	mg/L	0.000180	58.1	2.84486	0.000309 mg/L	Y 371.029
Cu 324.754	-0.000792uv	mg/L	0.000112	14.1	320.246	-0.000792 mg/L	Y 371.029
Cu 327.395	0.000142uv	mg/L	0.000193	136.0	24.4754	0.000142 mg/L	Y 371.029
Fe 234.350	0.000689	mg/L	0.000610	88.5	19.9221	0.000689 mg/L	Y 371.029
Fe 238.204	0.000208	mg/L	0.000429	206.9	45.8188	0.000208 mg/L	Y 371.029
Fe 259.940	0.000536	mg/L	0.000565	105.4	63.2937	0.000536 mg/L	Y 371.029
Ga 287.423	0.003231	mg/L	0.001098	34.0	24.1785	0.003231 mg/L	Y 371.029
Ga 294.363	0.003603	mg/L	0.000894	24.8	25.7670	0.003603 mg/L	Y 371.029
Ga 417.204	-0.002337uv	mg/L	0.001010	43.2	91.3268	-0.002337 mg/L	Y 371.029
K 766.491	-0.000994uv	mg/L	0.000187	18.8	1959.92	-0.000994 mg/L	Y 371.029
K 769.897	0.003157	mg/L	0.001241	39.3	12617.5	0.003157 mg/L	Y 371.029
Li 610.365	0.011204	mg/L	0.000314	2.8	-9.94278	0.011204 mg/L	Y 371.029
Li 670.783	-0.002216uv	mg/L	0.000035	1.6	59406.3	-0.002216 mg/L	Y 371.029
Mg 279.078	-0.000441uv	mg/L	0.001531	347.4	12.9632	-0.000441 mg/L	Y 371.029
Mg 280.270	-0.000280uv	mg/L	0.000022	7.7	273.190	-0.000280 mg/L	Y 371.029
Mg 285.213	0.000396	mg/L	0.000113	28.5	74.9143	0.000396 mg/L	Y 371.029
Mn 257.610	-0.000109uv	mg/L	0.000040	36.3	-0.868314	-0.000109 mg/L	Y 371.029
Mn 259.372	-0.000029	mg/L	0.000057	198.1	58.1027	-0.000029 mg/L	Y 371.029
Mn 260.568	-0.000093uv	mg/L	0.000124	132.7	5.68095	-0.000093 mg/L	Y 371.029
Mo 202.032	0.019928	mg/L	0.001855	9.3	88.9330	0.019928 mg/L	Y 371.029
Mo 203.846	0.022686	mg/L	0.002777	12.2	35.6645	0.022686 mg/L	Y 371.029
Mo 204.598	0.020349	mg/L	0.002232	11.0	37.1356	0.020349 mg/L	Y 371.029
Na 568.821	0.685162	mg/L	0.093931	13.7	276.621	0.685162 mg/L	Y 371.029
Na 588.995	-0.247202uv	mg/L	0.001334	0.5	185759	-0.247202 mg/L	Y 371.029
Na 589.592	-0.095503uv	mg/L	0.000540	0.6	66105.1	-0.095503 mg/L	Y 371.029
Ni 216.555	0.001269	mg/L	0.000517	40.8	6.77880	0.001269 mg/L	Y 371.029
Ni 221.648	0.000550	mg/L	0.000477	86.8	3.28981	0.000550 mg/L	Y 371.029
Ni 231.604	0.000465uv	mg/L	0.000824	177.1	7.08938	0.000465 mg/L	Y 371.029
P 177.434	0.003488uv	mg/L	0.004633	132.8	3.27756	0.003488 mg/L	Y 371.029
P 213.618	0.003790	mg/L	0.002781	73.4	5.18207	0.003790 mg/L	Y 371.029
P 214.914	0.003127uv	mg/L	0.004770	152.6	3.32299	0.003127 mg/L	Y 371.029
Pb 220.353	0.001461uv	mg/L	0.003681	251.9	6.17609	0.001461 mg/L	Y 371.029
Pb 261.417	0.008141	mg/L	0.006144	75.5	19.5010	0.008141 mg/L	Y 371.029
Pb 405.781	-0.001542uv	mg/L	0.003141	203.6	55.6120	-0.001542 mg/L	Y 371.029
Sb 206.834	0.038862	mg/L	0.004361	11.2	31.2067	0.038862 mg/L	Y 371.029
Sb 231.146	0.038116	mg/L	0.009812	25.7	22.7811	0.038116 mg/L	Y 371.029
Sb 259.804	uncal	mg/L	0.016152	62.0	25.0455	uncal mg/L	Y 371.029
Se 196.026	0.011900	mg/L	0.000595	5.0	6.89243	0.011900 mg/L	Y 371.029
Se 203.985	0.012676	mg/L	0.006296	49.7	6.32194	0.012676 mg/L	Y 371.029
Si 250.690	-0.001566uv	mg/L	0.001366	87.2	44.8220	-0.001566 mg/L	Y 371.029
Si 251.611	0.002476	mg/L	0.001458	58.9	41.8707	0.002476 mg/L	Y 371.029
Si 288.158	uncal	mg/L	0.000661	11.6	721.878	uncal mg/L	Y 371.029
Sn 189.927	0.001950	mg/L	0.001150	59.0	3.71816	0.001950 mg/L	Y 371.029
Sn 283.998	0.002960	mg/L	0.002808	94.9	17.5939	0.002960 mg/L	Y 371.029
Sr 216.596	0.000594	mg/L	0.000266	44.8	17.8655	0.000594 mg/L	Y 371.029
Sr 407.771	-0.000085uv	mg/L	0.000006	6.8	5208.34	-0.000085 mg/L	Y 371.029

110427A. All Data Report 4/28/2011, 16:51:27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.		IS
Sr 421.552	-0.000048uv	mg/L	0.000008	16.2	3197.13	-0.000048	mg/L	Y 371.029
Ti 334.941	0.001044	mg/L	0.000320	30.6	298.483	0.001044	mg/L	Y 371.029
Ti 336.122	0.000833	mg/L	0.000214	25.7	103.473	0.000833	mg/L	Y 371.029
Ti 337.280	0.001126	mg/L	0.000223	19.8	18.8431	0.001126	mg/L	Y 371.029
Tl 190.794	0.001001uv	mg/L	0.002223	222.0	2.77903	0.001001	mg/L	Y 371.029
Tl 190.807	0.014196	mg/L	0.002910	20.5	2.34783	0.014196	mg/L	Y 371.029
Tl 351.923	-0.008868uv	mg/L	0.004560	51.4	11.7269	-0.008868	mg/L	Y 371.029
V 268.796	0.000335	mg/L	0.000410	122.4	46.2449	0.000335	mg/L	Y 371.029
V 292.401	-0.000011uv	mg/L	0.000329	2944.6	44.4716	-0.000011	mg/L	Y 371.029
V 311.837	0.000471	mg/L	0.000161	34.1	8.54865	0.000471	mg/L	Y 371.029
Zn 202.548	-0.000666uv	mg/L	0.000450	67.6	607.973	-0.000666	mg/L	Y 371.029
Zn 206.200	0.000671	mg/L	0.000627	93.4	200.379	0.000671	mg/L	Y 371.029
Zn 213.857	-0.002233uv	mg/L	0.000091	4.1	1120.25	-0.002233	mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.960182	7699.49	24.998	0.3
Y 371.029	0.837481	138106	371.780	0.3

4/27/2011 10:50:58 AM	Worksheet created from template
4/27/2011 10:50:58 AM	>>>New Worksheet2011D.vwst
4/27/2011 11:26:01 AM	Analysis started.
4/27/2011 11:29:02 AM	**Measured Blank**
4/27/2011 11:33:16 AM	**Measured Standard 1**
4/27/2011 11:36:50 AM	**Measured Standard 2**
4/27/2011 11:40:25 AM	**Measured Standard 3**
4/27/2011 11:44:07 AM	**Measured Standard 4**
4/27/2011 11:47:53 AM	**Measured Standard 5**
4/27/2011 11:52:07 AM	**Measured Standard 6**
4/27/2011 11:56:20 AM	**Measured Standard 7**
4/27/2011 11:57:49 AM	Calibration(Reslope) failed [Si 288.158]: Maximum error has been exceeded.
4/27/2011 11:57:49 AM	Calibration(Reslope) failed [Ag 338.289]: Maximum error has been exceeded.
4/27/2011 11:57:49 AM	Calibration(Reslope) failed [Sb 259.804]: Maximum error has been exceeded.
4/27/2011 11:57:49 AM	Continuing in emission.
4/27/2011 11:57:55 AM	Analysis completed.
4/27/2011 12:02:13 PM	Analysis started.
4/27/2011 12:05:16 PM	**Measured SEQ-ICV1**
4/27/2011 12:06:51 PM	Analysis completed.
4/27/2011 12:08:12 PM	Analysis started.
4/27/2011 12:11:15 PM	**Measured SEQ-ICV2**
4/27/2011 12:15:30 PM	**Measured SEQ-ICB1**
4/27/2011 12:18:28 PM	**Measured SEQ-LCV1**
4/27/2011 12:22:06 PM	**Measured SEQ-HCV1**
4/27/2011 12:23:41 PM	Analysis completed.
4/27/2011 12:26:22 PM	Analysis started.
4/27/2011 12:29:24 PM	**Measured SEQ-IFA1**
4/27/2011 12:33:37 PM	**Measured SEQ-IFB1**
4/27/2011 12:37:52 PM	**Measured SEQ-CCV1**
4/27/2011 12:41:46 PM	**Measured SEQ-CCB1**
4/27/2011 12:42:09 PM	Analysis completed.
4/27/2011 12:46:43 PM	Analysis started.
4/27/2011 12:49:46 PM	**Measured 1118042-BLK1**
4/27/2011 12:52:45 PM	**Measured 1118042-BS1**
4/27/2011 12:56:58 PM	**Measured 11D0945-01**
4/27/2011 1:00:44 PM	**Measured 1118042-DUP1**
4/27/2011 1:04:31 PM	**Measured 1118042-MS1**
4/27/2011 1:08:18 PM	**Measured 1118042-MSD1**
4/27/2011 1:12:06 PM	**Measured 1118042-PS1**
4/27/2011 1:16:19 PM	**Measured 11D1133-01**
4/27/2011 1:20:03 PM	**Measured 11D1133-02**
4/27/2011 1:23:55 PM	**Measured 11D1134-01**
4/27/2011 1:27:37 PM	**Measured SEQ-CCV2**
4/27/2011 1:31:42 PM	**Measured SEQ-CCB2**
4/27/2011 1:32:07 PM	Analysis completed.
4/27/2011 1:41:50 PM	Analysis started.
4/27/2011 1:44:52 PM	**Measured 1118055-BLK1**
4/27/2011 1:47:51 PM	**Measured 1118055-BS1**
4/27/2011 1:52:05 PM	**Measured 11D1234-01**
4/27/2011 1:56:04 PM	**Measured 1118055-DUP1**
4/27/2011 2:00:00 PM	**Measured 1118055-MS1**
4/27/2011 2:04:14 PM	**Measured 1118055-MSD1**
4/27/2011 2:08:11 PM	**Measured 1118055-SRD1**
4/27/2011 2:11:59 PM	**Measured 11D1235-01**
4/27/2011 2:13:17 PM	Analysis completed.
4/27/2011 2:24:31 PM	Analysis started.
4/27/2011 2:27:33 PM	**Measured 1118091-BLK1**
4/27/2011 2:31:25 PM	**Measured 1118091-BS1**
4/27/2011 2:35:39 PM	**Measured SEQ-CCV3**
4/27/2011 2:39:30 PM	**Measured SEQ-CCB3**
4/27/2011 2:40:35 PM	Analysis completed.
4/27/2011 2:49:18 PM	Analysis started.
4/27/2011 2:52:20 PM	**Measured 1118091-BS2**
4/27/2011 2:56:16 PM	**Measured 11D1172-01**
4/27/2011 3:00:09 PM	**Measured 11D1172-02**
4/27/2011 3:04:15 PM	**Measured 11D1172-03**
4/27/2011 3:08:25 PM	**Measured 11D1172-04**
4/27/2011 3:12:38 PM	**Measured 11D1172-05**
4/27/2011 3:16:30 PM	**Measured 1118091-DUP1**
4/27/2011 3:20:21 PM	**Measured 1118091-MS1**
4/27/2011 3:24:12 PM	**Measured 1118091-MSD1**
4/27/2011 3:25:27 PM	Analysis completed.
4/27/2011 4:20:00 PM	Analysis started.
4/27/2011 4:23:02 PM	**Measured SEQ-CCV4**
4/27/2011 4:27:16 PM	**Measured SEQ-CCB4**
4/27/2011 4:27:42 PM	Analysis completed.
4/28/2011 9:49:48 AM	Analysis started.
4/28/2011 9:52:49 AM	**Measured SEQ-CCV5**
4/28/2011 9:57:02 AM	**Measured SEQ-CCB5**
4/28/2011 10:00:01 AM	**Measured 1118047-BLK1**
4/28/2011 10:03:27 AM	**Measured 1118047-BS1**
4/28/2011 10:07:40 AM	**Measured 11D0944-01**
4/28/2011 10:11:32 AM	**Measured 1118047-DUP1**
4/28/2011 10:15:21 AM	**Measured 1118047-MS1**
4/28/2011 10:19:12 AM	**Measured 1118047-MSD1**
4/28/2011 10:23:05 AM	**Measured 1118047-PS1**
4/28/2011 10:27:17 AM	**Measured 11D0742-01**

4/28/2011 10:31:31 AM	**Measured 11D0742-02**
4/28/2011 10:35:25 AM	**Measured 11D1022-01**
4/28/2011 10:39:37 AM	**Measured SEQ-CCV6**
4/28/2011 10:43:50 AM	**Measured SEQ-CCB6**
4/28/2011 10:44:16 AM	Analysis completed.
4/28/2011 10:46:30 AM	Analysis started.
4/28/2011 10:49:32 AM	**Measured 11D1170-01**
4/28/2011 10:53:30 AM	**Measured 11D1172-01**
4/28/2011 10:57:42 AM	**Measured 11D1172-02**
4/28/2011 11:01:38 AM	**Measured 11D1172-03**
4/28/2011 11:05:34 AM	**Measured 11D1172-04**
4/28/2011 11:09:41 AM	**Measured 11D1172-05**
4/28/2011 11:11:03 AM	Analysis completed.
4/28/2011 11:19:45 AM	Analysis started.
4/28/2011 11:22:47 AM	**Measured SEQ-CCV7**
4/28/2011 11:27:00 AM	**Measured SEQ-CCB7**
4/28/2011 11:27:27 AM	Analysis completed.

Microbac Laboratories, Inc.

Baltimore Division

2101 Van Deman Street • Baltimore, MD 21224

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COVER LETTER

November 14, 2011

Report No.: 11J1391

Russ Becker
RG Steel, LLC

1430 Sparrows Point Blvd

Sparrows Point, MD 21219

RE: Rod & Wire Mill Wells -2011

The report of analyses contains test results for samples received at Microbac Laboratories, Inc., Baltimore Division on 10/27/2011 15:30.

The enclosed results were obtained from and applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report has been reviewed and meet the applicable project and certification specific requirements, unless otherwise noted.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories, Inc.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

This Data Package contains the following:

- This Cover Page
- Sample Summary
- Case Narative
- Test Results
- QC Summary
- Notes and Definitions
- Cooler Receipt Log
- Chain of Custody
- Data

11/14/2011

Final report reviewed by: Lewis B. Gunn III/Project Manager Report issue date

All samples received in proper condition and results conform to ISO 17025 standards unless otherwise noted.

If we have not met or exceeded your expectations, please contact the Director or Trevor Boyce, President at tboyce@microbac.com or Robert Morgan, Chief Operation Officer, at rmorgan@microbac.com.

Microbac Laboratories, Inc.

Baltimore Division

2101 Van Deman Street • Baltimore, MD 21224

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11J1391
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
RW11-PZM004	11J1391-01	Ground Water	Not Specified	10/27/2011 12:40	10/27/2011 15:30
RW13-PZM020	11J1391-02	Ground Water	Not Specified	10/27/2011 13:15	10/27/2011 15:30
RW12-PZM004	11J1391-03	Ground Water	Not Specified	10/27/2011 13:45	10/27/2011 15:30
RW14-PZM020	11J1391-04	Ground Water	Not Specified	10/28/2011 12:35	10/27/2011 15:30
RW05-PZM001	11J1391-05	Ground Water	Not Specified	10/28/2011 12:10	10/27/2011 15:30
RW04-PZM003	11J1391-06	Ground Water	Not Specified	10/28/2011 11:40	10/27/2011 15:30
RW01-PZM020	11J1391-07	Ground Water	Not Specified	10/28/2011 11:15	10/27/2011 15:30
RW03-PZM003	11J1391-08	Ground Water	Not Specified	10/28/2011 09:45	10/27/2011 15:30
RW02-PZM000	11J1391-09	Ground Water	Not Specified	10/28/2011 09:10	10/27/2011 15:30
RW02-PZM020	11J1391-10	Ground Water	Not Specified	10/28/2011 08:30	10/27/2011 15:30
RW17-PZM019	11J1391-11	Ground Water	Not Specified	10/28/2011 07:45	10/27/2011 15:30
RW16-PZM020	11J1391-12	Ground Water	Not Specified	10/28/2011 07:15	10/27/2011 15:30
RW07-PZM004	11J1391-13	Ground Water	Not Specified	10/31/2011 08:15	10/27/2011 15:30
RW07-PZM017	11J1391-14	Ground Water	Not Specified	10/31/2011 08:45	10/27/2011 15:30
RW09-PZM004	11J1391-15	Ground Water	Not Specified	10/31/2011 09:20	10/27/2011 15:30
RW06-PZM001	11J1391-16	Ground Water	Not Specified	10/31/2011 09:45	10/27/2011 15:30
RW08-PZM003	11J1391-17	Ground Water	Not Specified	10/31/2011 10:55	10/27/2011 15:30
RW10-PZM020	11J1391-18	Ground Water	Not Specified	10/31/2011 11:20	10/27/2011 15:30
RW10-PZM004	11J1391-19	Ground Water	Not Specified	11/01/2011 13:15	10/27/2011 15:30
RW10-PZM065	11J1391-20	Ground Water	Not Specified	10/31/2011 12:15	10/27/2011 15:30
RW15-PZM020	11J1391-21	Ground Water	Not Specified	10/31/2011 12:45	10/27/2011 15:30
TS04-PZM004	11J1391-22	Ground Water	Not Specified	10/31/2011 13:10	10/27/2011 15:30
RW20-PZM050	11J1391-23	Ground Water	Not Specified	10/31/2011 13:35	10/27/2011 15:30
RW20-PZM000	11J1391-24	Ground Water	Not Specified	10/31/2011 13:55	10/27/2011 15:30
RW20-PZM020	11J1391-25	Ground Water	Not Specified	10/31/2011 14:20	10/27/2011 15:30

Microbac Laboratories, Inc., Baltimore Division

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Lewis B. Gunn III, Project Manager

Microbac Laboratories, Inc.

Baltimore Division

2101 Van Deman Street • Baltimore, MD 21224

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11J1391
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
RW21-PZM023	11J1391-26	Ground Water	Not Specified	10/31/2011 14:45	10/27/2011 15:30
Duplicate of RW21 PZM 023	11J1391-27	Ground Water	Not Specified	10/31/2011 14:45	10/27/2011 15:30
Equipment Blank	11J1391-28	Water	Not Specified	10/31/2011 16:20	10/27/2011 15:30
RW18-PZM047	11J1391-29	Ground Water	Not Specified	11/01/2011 13:05	10/27/2011 15:30
TS04-PZM023	11J1391-30	Ground Water	Not Specified	11/01/2011 13:30	10/27/2011 15:30
RW19-PZM050	11J1391-31	Ground Water	Not Specified	11/01/2011 13:55	10/27/2011 15:30
RW19-PZM020	11J1391-32	Ground Water	Not Specified	11/01/2011 14:20	10/27/2011 15:30
RW19-PZM000	11J1391-33	Ground Water	Not Specified	11/01/2011 14:45	10/27/2011 15:30
Field Blank	11J1391-34	Water	Not Specified	11/01/2011 13:25	10/27/2011 15:30
Equip Blank	11J1391-35	Water	Not Specified	11/01/2011 13:00	10/27/2011 15:30

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11J1391
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

CASE NARRATIVE

RG Steel, LLC
Rod & Wire Mill Wells -2011
Russ Becker
1430 Sparrows Point Blvd
Sparrows Point , MD 21219

35 sample(s) were received by Melanie C. Duszynski of Microbac laboratories, Baltimore Division on 10/27/2011 3:30:00 PM and sample(s) condition(s) were checked and found to be acceptable unless otherwise noted in the 'Cooler Receipt Log' or 'Statement of Qualifications' sections of this report. The samples were logged into the LIMS by Melanie C. Duszynski on 10/27/2011 3:39:00 PM and compared to the client DQO. Any deviations from the client DQO and method specific quality control requirements are noted in the 'Statement of Data Qualifications'.

Other Notes/Comments:

During one day of sampling the field sampler forgot to take a conductivity meter with him, so some wells were analyzed for conductivity in the lab.

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

STATEMENT OF DATA QUALIFICATIONS

All samples recieved in proper condition unless otherwise noted below.
All quality control parameters were meet unless otherwise noted below.

Qualifications:

Target analyte detected in method blank at or above reporting limit.

Analyte & Samples(s) Qualified:

Zinc

1145200-BLK1, 1145200-BLK2, 11J1391-02[RW13-PZM020], 11J1391-13[RW07-PZM004], 11J1391-15[RW09-PZM004], 11J1391-22[TS04-PZM004], 11J1391-23[RW20-PZM050], 11J1391-24[RW20-PZM000], 11J1391-28[Equipment Blank], 11J1391-31[RW19-PZM050], 11J1391-33[RW19-PZM000]

Qualifications:

Target analyte detected in method blank at or above reporting limit. Concentration found in the samples was 20 times the concentration found in the method blank.

Analyte & Samples(s) Qualified:

Zinc

1145200-BLK1, 1145200-BLK2, 11J1391-01[RW11-PZM004], 11J1391-03[RW12-PZM004], 11J1391-04[RW14-PZM020], 11J1391-05[RW05-PZM001], 11J1391-06[RW04-PZM003], 11J1391-07[RW01-PZM020], 11J1391-08[RW03-PZM003], 11J1391-09[RW02-PZM000], 11J1391-11[RW17-PZM019], 11J1391-14[RW07-PZM017], 11J1391-16[RW06-PZM001], 11J1391-17[RW08-PZM003], 11J1391-18[RW10-PZM020], 11J1391-19[RW10-PZM004], 11J1391-20[RW10-PZM065], 11J1391-21[RW15-PZM020], 11J1391-25[RW20-PZM020], 11J1391-26[RW21-PZM023], 11J1391-27[Duplicate of RW21 PZM 023], 11J1391-29[RW18-PZM047], 11J1391-30[TS04-PZM023], 11J1391-32[RW19-PZM020]

Qualifications:

Target analyte detected in method blank at or above reporting limit. The analyte concentration was below the reporting limit.

Analyte & Samples(s) Qualified:

Zinc

1145200-BLK2, 11J1391-34[Field Blank], 11J1391-35[Equip Blank]

Qualifications:

The Post Digestion Spike recovery was out of acceptance limits due an inappropriate spike amount used for the high sample concentration.

Analyte & Samples(s) Qualified:

Zinc

1145200-PS1

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW11-PZM004

11J1391-01 (Ground Water) Sampled: 10/27/2011 12:40; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	3.83	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17.3	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.44	**Cond. (umhos/cm):**	3201	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**3.7**	0.10	NTU	102811 1100	102811 1100	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**25**	0.025	mg/L	110311 1553	110411 1714	APS	EPA 200.7/6010B	
Zinc	**2200**	2.5	mg/L	110311 1553	110411 1857	APS	EPA 200.7/6010B	B2

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Sparrows Point, MD 21219	Project Manager:	Russ Becker		

RW13-PZM020

11J1391-02 (Ground Water) Sampled: 10/27/2011 13:15; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes

Field Analysi

Analyst:	NA	**pH:**	4.13	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.08	**Cond. (umhos/cm):**	1825	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**150**	1.0	NTU	102811 1100	102811 1100	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.0093**	0.00050	mg/L	110311 1553	110411 1328	APS	EPA 200.7/6010B	
Zinc	**0.070**	0.0050	mg/L	110311 1553	110411 1328	APS	EPA 200.7/6010B	B1

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RW12-PZM004

11J1391-03 (Ground Water) Sampled: 10/27/2011 13:45; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes

Field Analysi

Analyst:	NA	**pH:**	6.37	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	18	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.26	**Cond. (umhos/cm):**	630	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**13**	0.10	NTU	102811 1100	102811 1100	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.21**	0.0025	mg/L	110311 1553	110411 1718	APS	EPA 200.7/6010B	
Zinc	**14**	0.025	mg/L	110311 1553	110411 1718	APS	EPA 200.7/6010B	B2

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RW14-PZM020

11J1391-04 (Ground Water) Sampled: 10/28/2011 12:35; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	5.56	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	16.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	1.3	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Conductivity	**3100**	10	umhos/cm	110111 1150	110111 1150	BMC	SM (20) 2510B	
Turbidity	**2.9**	0.10	NTU	102811 1600	102811 1600	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.54**	0.025	mg/L	110311 1553	110411 1722	APS	EPA 200.7/6010B	
Zinc	**280**	0.25	mg/L	110311 1553	110411 1722	APS	EPA 200.7/6010B	B2

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RW05-PZM001

11J1391-05 (Ground Water) Sampled: 10/28/2011 12:10; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes

Field Analysi

Analyst:	NA	**pH:**	6.94	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	16.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	6.16	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Conductivity	**1000**	10	umhos/cm	110111 1150	110111 1150	BMC	SM (20) 2510B	
Turbidity	**0.38**	0.10	NTU	102811 1600	102811 1600	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.049**	0.00050	mg/L	110311 1553	110411 1341	APS	EPA 200.7/6010B	
Zinc	**1.4**	0.0050	mg/L	110311 1553	110411 1341	APS	EPA 200.7/6010B	B2

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW04-PZM003

11J1391-06 (Ground Water) Sampled: 10/28/2011 11:40; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	6.54	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	16.1	**Turb. (ntu):**	NA	**D.O. (mg/L):**	1.49	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Conductivity	**1000**	10	umhos/cm	110111 1150	110111 1150	BMC	SM (20) 2510B	
Turbidity	**2.7**	0.10	NTU	102811 1600	102811 1600	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.64**	0.0025	mg/L	110311 1553	110411 1726	APS	EPA 200.7/6010B	
Zinc	**12**	0.025	mg/L	110311 1553	110411 1726	APS	EPA 200.7/6010B	B2

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RW01-PZM020

11J1391-07 (Ground Water) Sampled: 10/28/2011 11:15; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	5.5	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	15.9	**Turb. (ntu):**	NA	**D.O. (mg/L):**	1.66	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Conductivity	**1600**	10	umhos/cm	110111 1150	110111 1150	BMC	SM (20) 2510B	
Turbidity	**6.0**	0.10	NTU	102811 1600	102811 1600	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.27**	0.025	mg/L	110311 1553	110411 1730	APS	EPA 200.7/6010B	
Zinc	**95**	0.25	mg/L	110311 1553	110411 1730	APS	EPA 200.7/6010B	B2

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Sparrows Point, MD 21219	Project Manager:	Russ Becker		

RW03-PZM003

11J1391-08 (Ground Water) Sampled: 10/28/2011 09:45; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	5.08	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	16	**Turb. (ntu):**	NA	**D.O. (mg/L):**	1.66	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA
ORP (mV):	NA								

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Conductivity	**1600**	10	umhos/cm	110111 1150	110111 1150	BMC	SM (20) 2510B	
Turbidity	**23**	0.10	NTU	102811 1600	102811 1600	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**1.6**	0.025	mg/L	110311 1553	110411 1745	APS	EPA 200.7/6010B	
Zinc	**110**	0.25	mg/L	110311 1553	110411 1745	APS	EPA 200.7/6010B	B2

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW02-PZM000

11J1391-09 (Ground Water) Sampled: 10/28/2011 09:10; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes

Field Analysi

Analyst:	NA	**pH:**	6.43	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	16	**Turb. (ntu):**	NA	**D.O. (mg/L):**	4.5	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Conductivity	**1200**	10	umhos/cm	110111 1150	110111 1150	BMC	SM (20) 2510B	
Turbidity	**0.31**	0.10	NTU	102811 1600	102811 1600	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.11**	0.00050	mg/L	110311 1553	110411 1357	APS	EPA 200.7/6010B	
Zinc	**3.9**	0.0050	mg/L	110311 1553	110411 1357	APS	EPA 200.7/6010B	B2

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RW02-PZM020

11J1391-10 (Ground Water) Sampled: 10/28/2011 08:30; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	5.38	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	16.4	**Turb. (ntu):**	NA	**D.O. (mg/L):**	1.99	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Conductivity	**11000**	10	umhos/cm	110111 1150	110111 1150	BMC	SM (20) 2510B	
Turbidity	**31**	0.10	NTU	102811 1600	102811 1600	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.17**	0.025	mg/L	110311 1553	110411 1753	APS	EPA 200.7/6010B	
Zinc	**2600**	2.5	mg/L	110311 1553	110711 1301	APS	EPA 200.7/6010B	

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RW17-PZM019

11J1391-11 (Ground Water) Sampled: 10/28/2011 07:45; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	6.22	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	16.2	**Turb. (ntu):**	NA	**D.O. (mg/L):**	1.28	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Conductivity	**5400**	10	umhos/cm	110111 1150	110111 1150	BMC	SM (20) 2510B	
Turbidity	**0.88**	0.10	NTU	102811 1600	102811 1600	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**5.7**	0.0050	mg/L	110311 1553	110411 1757	APS	EPA 200.7/6010B	
Zinc	**45**	0.050	mg/L	110311 1553	110411 1757	APS	EPA 200.7/6010B	B2

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project:	Rod & Wire Mill Wells -2011	Report:	11J1391
1430 Sparrows Point Blvd	Project Number:	Rod & Wire Mill Wells -2011	Reported:	11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager:	Russ Becker		

RW16-PZM020

11J1391-12 (Ground Water) Sampled: 10/28/2011 07:15; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	5.29	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17.2	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.03	**Cond. (umhos/cm):**	NA	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Conductivity	**1200**	10	umhos/cm	110111 1150	110111 1150	BMC	SM (20) 2510B	
Turbidity	**3.9**	0.10	NTU	102811 1600	102811 1600	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.0016**	0.00050	mg/L	110311 1553	110411 1427	APS	EPA 200.7/6010B	
Zinc	**59**	0.050	mg/L	110311 1553	110711 1305	APS	EPA 200.7/6010B	

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CERTIFICATE OF ANALYSIS

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1430 Sparrows Point Blvd	Project Number:	Rod & Wire Mill Wells -2011	Reported:	11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager:	Russ Becker		

RW07-PZM004

11J1391-13 (Ground Water) Sampled: 10/31/2011 08:15; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Field Analysi								
Analyst: NA	**pH:** 10.66	**Flow (g/min):** NA		**Res. Cl (mg/L):** NA		**GW Elev.(ft):** NA		
Temp. (C): 18	**Turb. (ntu):** NA	**D.O. (mg/L):** 2.01		**Cond. (umhos/cm):** 444		**LEL (%):** NA		
ORP (mV): NA								
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**0.17**	0.10	NTU	110111 1220	110111 1220	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	110311 1553	110411 1431	APS	EPA 200.7/6010B	
Zinc	**0.065**	0.0050	mg/L	110311 1553	110411 1431	APS	EPA 200.7/6010B	B1

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW07-PZM017

11J1391-14 (Ground Water) Sampled: 10/31/2011 08:45; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes

Field Analysi

Analyst:	NA	**pH:**	3.62	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	16.5	**Turb. (ntu):**	NA	**D.O. (mg/L):**	1.93	**Cond. (umhos/cm):**	3980	**LEL (%):**	NA
ORP (mV):	NA								

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Wet Chemistry								
Turbidity	**6.0**	0.10	NTU	110111 1220	110111 1220	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**10**	0.025	mg/L	110311 1553	110411 1801	APS	EPA 200.7/6010B	
Zinc	**410**	0.25	mg/L	110311 1553	110411 1801	APS	EPA 200.7/6010B	B2

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW09-PZM004

11J1391-15 (Ground Water) Sampled: 10/31/2011 09:20; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	11.53	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.96	**Cond. (umhos/cm):**	813	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**0.46**	0.10	NTU	110111 1220	110111 1220	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	110311 1553	110411 1439	APS	EPA 200.7/6010B	
Zinc	**0.024**	0.0050	mg/L	110311 1553	110411 1439	APS	EPA 200.7/6010B	B1

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW06-PZM001

11J1391-16 (Ground Water) Sampled: 10/31/2011 09:45; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes

Field Analysi

Analyst:	NA	**pH:**	7.17	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17.3	**Turb. (ntu):**	NA	**D.O. (mg/L):**	1.64	**Cond. (umhos/cm):**	509	**LEL (%):**	NA
ORP (mV):	NA								

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Wet Chemistry								
Turbidity	**10**	0.10	NTU	110111 1220	110111 1220	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**1.7**	0.0025	mg/L	110311 1553	110411 1805	APS	EPA 200.7/6010B	
Zinc	**14**	0.025	mg/L	110311 1553	110411 1805	APS	EPA 200.7/6010B	B2

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW08-PZM003

11J1391-17 (Ground Water) Sampled: 10/31/2011 10:55; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	4.65	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.16	**Cond. (umhos/cm):**	1821	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**5.2**	0.10	NTU	110111 1220	110111 1220	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**16**	0.025	mg/L	110311 1553	110411 1809	APS	EPA 200.7/6010B	
Zinc	**320**	0.25	mg/L	110311 1553	110411 1809	APS	EPA 200.7/6010B	B2

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Sparrows Point, MD 21219	Project Manager:	Russ Becker		

RW10-PZM020

11J1391-18 (Ground Water) Sampled: 10/31/2011 11:20; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	5.2	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.53	**Cond. (umhos/cm):**	4805	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**67**	1.0	NTU	110111 1220	110111 1220	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**10**	0.025	mg/L	110311 1553	110411 1822	APS	EPA 200.7/6010B	
Zinc	**450**	0.25	mg/L	110311 1553	110411 1822	APS	EPA 200.7/6010B	B2

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1430 Sparrows Point Blvd	Project Number:	Rod & Wire Mill Wells -2011	Reported:	11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager:	Russ Becker		

RW10-PZM004

11J1391-19 (Ground Water) Sampled: 11/01/2011 13:15; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Field Analysi								
Analyst: NA	**pH:** 9.28	**Flow (g/min):** NA		**Res. Cl (mg/L):** NA		**GW Elev.(ft):** NA		
Temp. (C): 16.3	**Turb. (ntu):** NA	**D.O. (mg/L):** 1.15		**Cond. (umhos/cm):** 390		**LEL (%):** NA		
ORP (mV): NA								
Microbac Laboratories, Inc., Baltimore Division								
Wet Chemistry								
Turbidity	**30**	0.10	NTU	110211 1645	110211 1645	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**11**	0.025	mg/L	110311 1553	110411 1826	APS	EPA 200.7/6010B	
Zinc	**460**	0.25	mg/L	110311 1553	110411 1826	APS	EPA 200.7/6010B	B2

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW10-PZM065

11J1391-20 (Ground Water) Sampled: 10/31/2011 12:15; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes

Field Analysi

Analyst:	NA	**pH:**	7.5	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.01	**Cond. (umhos/cm):**	1012	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**34**	0.10	NTU	110111 1220	110111 1220	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**10**	0.025	mg/L	110311 1553	110411 1837	APS	EPA 200.7/6010B	
Zinc	**460**	0.25	mg/L	110311 1553	110411 1837	APS	EPA 200.7/6010B	B2

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW15-PZM020

11J1391-21 (Ground Water) Sampled: 10/31/2011 12:45; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes

Field Analysi

Analyst:	NA	**pH:**	6	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17	**Turb. (ntu):**	NA	**D.O. (mg/L):**	0.43	**Cond. (umhos/cm):**	10020	**LEL (%):**	NA
ORP (mV):	NA								

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**100**	1.0	NTU	110111 1220	110111 1220	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.96**	0.0050	mg/L	110311 1553	110411 1841	APS	EPA 200.7/6010B	
Zinc	**37**	0.050	mg/L	110311 1553	110411 1841	APS	EPA 200.7/6010B	B2

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Sparrows Point, MD 21219	Project Manager:	Russ Becker		

TS04-PZM004

11J1391-22 (Ground Water) Sampled: 10/31/2011 13:10; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	7.22	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17.5	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.95	**Cond. (umhos/cm):**	364	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**13**	0.10	NTU	110111 1220	110111 1220	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	110311 1553	110411 1539	APS	EPA 200.7/6010B	
Zinc	**0.027**	0.0050	mg/L	110311 1553	110411 1539	APS	EPA 200.7/6010B	B1

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW20-PZM050

11J1391-23 (Ground Water) Sampled: 10/31/2011 13:35; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes

Field Analysi

Analyst:	NA	**pH:**	7.04	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	18	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.69	**Cond. (umhos/cm):**	279	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**0.58**	0.10	NTU	110111 1220	110111 1220	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	110311 1553	110411 1543	APS	EPA 200.7/6010B	
Zinc	**0.011**	0.0050	mg/L	110311 1553	110411 1543	APS	EPA 200.7/6010B	B1

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW20-PZM000

11J1391-24 (Ground Water) Sampled: 10/31/2011 13:55; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes

Field Analysi

Analyst:	NA	**pH:**	9.78	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	18	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.8	**Cond. (umhos/cm):**	221	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**0.41**	0.10	NTU	110111 1220	110111 1220	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	110311 1553	110411 1547	APS	EPA 200.7/6010B	
Zinc	**0.0081**	0.0050	mg/L	110311 1553	110411 1547	APS	EPA 200.7/6010B	B1

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Sparrows Point, MD 21219	Project Manager:	Russ Becker		

RW20-PZM020

11J1391-25 (Ground Water) Sampled: 10/31/2011 14:20; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	5.42	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	18	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.01	**Cond. (umhos/cm):**	3980	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**25**	0.10	NTU	110111 1220	110111 1220	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.0031**	0.00050	mg/L	110311 1553	110411 1602	APS	EPA 200.7/6010B	
Zinc	**100**	0.25	mg/L	110311 1553	110411 1845	APS	EPA 200.7/6010B	B2

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW21-PZM023

11J1391-26 (Ground Water) Sampled: 10/31/2011 14:45; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes

Field Analysi

Analyst:	NA	**pH:**	2.83	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17.5	**Turb. (ntu):**	NA	**D.O. (mg/L):**	1.31	**Cond. (umhos/cm):**	9710	**LEL (%):**	NA
ORP (mV):	NA								

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Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**60**	1.0	NTU	110111 1220	110111 1220	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**1.8**	0.0025	mg/L	110311 1553	110411 1849	APS	EPA 200.7/6010B	
Zinc	**20**	0.025	mg/L	110311 1553	110411 1849	APS	EPA 200.7/6010B	B2

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11J1391
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Duplicate of RW21 PZM 023

11J1391-27 (Ground Water) Sampled: 10/31/2011 14:45; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**1.8**	0.0025	mg/L	110311 1553	110411 1853	APS	EPA 200.7/6010B	
Zinc	**19**	0.025	mg/L	110311 1553	110411 1853	APS	EPA 200.7/6010B	B2

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Equipment Blank

11J1391-28 (Water) Sampled: 10/31/2011 16:20; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	110311 1553	110411 1614	APS	EPA 200.7/6010B	
Zinc	**0.030**	0.0050	mg/L	110311 1553	110411 1614	APS	EPA 200.7/6010B	B1

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW18-PZM047

11J1391-29 (Ground Water) Sampled: 11/01/2011 13:05; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	6.3	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17.3	**Turb. (ntu):**	NA	**D.O. (mg/L):**	3.05	**Cond. (umhos/cm):**	448	**LEL (%):**	NA
ORP (mV):	NA								

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**170**	1.0	NTU	110211 1645	110211 1645	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.00079**	0.00050	mg/L	110311 1553	110411 1618	APS	EPA 200.7/6010B	
Zinc	**0.48**	0.0050	mg/L	110311 1553	110411 1618	APS	EPA 200.7/6010B	B2

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1430 Sparrows Point Blvd	Project Number:	Rod & Wire Mill Wells -2011	Reported:	11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager:	Russ Becker		

TS04-PZM023

11J1391-30 (Ground Water) Sampled: 11/01/2011 13:30; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	6.9	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.10	**Cond. (umhos/cm):**	13941	**LEL (%):**	NA
ORP (mV):	NA								

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**130**	1.0	NTU	110211 1645	110211 1645	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.015**	0.00050	mg/L	110311 1553	110411 1622	APS	EPA 200.7/6010B	
Zinc	**8.7**	0.0050	mg/L	110311 1553	110411 1622	APS	EPA 200.7/6010B	B2

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW19-PZM050

11J1391-31 (Ground Water) Sampled: 11/01/2011 13:55; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	6.51	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	18	**Turb. (ntu):**	NA	**D.O. (mg/L):**	1.41	**Cond. (umhos/cm):**	366	**LEL (%):**	NA
ORP (mV):	NA								

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**1.6**	0.10	NTU	110211 1645	110211 1645	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.0034**	0.00050	mg/L	110311 1553	110411 1626	APS	EPA 200.7/6010B	
Zinc	**0.16**	0.0050	mg/L	110311 1553	110411 1626	APS	EPA 200.7/6010B	B1

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW19-PZM020

11J1391-32 (Ground Water) Sampled: 11/01/2011 14:20; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	6.15	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17.0	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.33	**Cond. (umhos/cm):**	11090	**LEL (%):**	NA
ORP (mV):	NA								

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**3.3**	0.10	NTU	110211 1645	110211 1645	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	**0.029**	0.00050	mg/L	110311 1553	110411 1630	APS	EPA 200.7/6010B	
Zinc	**5.6**	0.0050	mg/L	110311 1553	110411 1630	APS	EPA 200.7/6010B	B2

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

RW19-PZM000

11J1391-33 (Ground Water) Sampled: 11/01/2011 14:45; Type: Not Specified

Field Analysi

Analyst:	NA	**pH:**	7.15	**Flow (g/min):**	NA	**Res. Cl (mg/L):**	NA	**GW Elev.(ft):**	NA
Temp. (C):	17.0	**Turb. (ntu):**	NA	**D.O. (mg/L):**	2.26	**Cond. (umhos/cm):**	513	**LEL (%):**	NA
ORP (mV):	NA								

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Wet Chemistry								
Turbidity	**4.7**	0.10	NTU	110211 1645	110211 1645	BMC	EPA 180.1	
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	110311 1553	110411 1659	APS	EPA 200.7/6010B	
Zinc	**0.025**	0.0050	mg/L	110311 1553	110411 1659	APS	EPA 200.7/6010B	B1

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1430 Sparrows Point Blvd	Project Number:	Rod & Wire Mill Wells -2011	Reported:	11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager:	Russ Becker		

Field Blank

11J1391-34 (Water) Sampled: 11/01/2011 13:25; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	110311 1553	110411 1703	APS	EPA 200.7/6010B	
Zinc	ND	0.0050	mg/L	110311 1553	110411 1703	APS	EPA 200.7/6010B	B3

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1430 Sparrows Point Blvd	Project Number:	Rod & Wire Mill Wells -2011	Reported:	11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager:	Russ Becker		

Equip Blank

11J1391-35 (Water) Sampled: 11/01/2011 13:00; Type: Not Specified

Analyte	Result	Reporting Limit	Units	Prepared	Analyzed	Analyst	Method	Notes
Microbac Laboratories, Inc., Baltimore Division								
Metals, Total by EPA 200/6000 Series Methods								
Cadmium	ND	0.00050	mg/L	110311 1553	110411 1707	APS	EPA 200.7/6010B	
Zinc	ND	0.0050	mg/L	110311 1553	110411 1707	APS	EPA 200.7/6010B	B3

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1144204 - WetChem_Prep										
Blank (1144204-BLK1)				Prepared & Analyzed: 10/28/2011						
Turbidity	ND	0.10	NTU							
LCS (1144204-BS1)				Prepared & Analyzed: 10/28/2011						
Turbidity	10.3		NTU	10.00		103	80-120			
Duplicate (1144204-DUP1)		**Source: 11J0716-01**		Prepared & Analyzed: 10/28/2011						
Turbidity	ND	0.10	NTU		0.0400				5	
Batch 1144233 - WetChem_Prep										
Blank (1144233-BLK1)				Prepared & Analyzed: 10/28/2011						
Turbidity	ND	0.10	NTU							
LCS (1144233-BS1)				Prepared & Analyzed: 10/28/2011						
Turbidity	10.3		NTU	10.00		103	80-120			
Duplicate (1144233-DUP1)		**Source: 11J1391-04**		Prepared & Analyzed: 10/28/2011						
Turbidity	2.86	0.10	NTU		2.88			0.697	5	
Batch 1145026 - WetChem_Prep										
Blank (1145026-BLK1)				Prepared & Analyzed: 11/01/2011						
Conductivity	ND	10	umhos/cm							
Blank (1145026-BLK2)				Prepared & Analyzed: 11/01/2011						
Conductivity	ND	10	umhos/cm							

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1145026 - WetChem_Prep										
LCS (1145026-BS1)				Prepared & Analyzed: 11/01/2011						
Conductivity	1420		umhos/cm	1413		100	92-105			
LCS (1145026-BS2)				Prepared & Analyzed: 11/01/2011						
Conductivity	1420		umhos/cm	1413		100	92-105			
Duplicate (1145026-DUP1)		**Source: 11J1258-21**		Prepared & Analyzed: 11/01/2011						
Conductivity	857	10	umhos/cm		860			0.349	5	
Duplicate (1145026-DUP2)		**Source: 11J1485-01**		Prepared & Analyzed: 11/01/2011						
Conductivity	1070	10	umhos/cm		1080			1.02	5	
Batch 1145061 - WetChem_Prep										
Blank (1145061-BLK1)				Prepared & Analyzed: 11/01/2011						
Turbidity	ND	0.10	NTU							
Blank (1145061-BLK2)				Prepared & Analyzed: 11/01/2011						
Turbidity	ND	0.10	NTU							
LCS (1145061-BS1)				Prepared & Analyzed: 11/01/2011						
Turbidity	10.5		NTU	10.00		105	80-120			
LCS (1145061-BS2)				Prepared & Analyzed: 11/01/2011						
Turbidity	10.2		NTU	10.00		102	80-120			
Duplicate (1145061-DUP1)		**Source: 11J1391-17**		Prepared & Analyzed: 11/01/2011						
Turbidity	5.26	0.10	NTU		5.24			0.381	5	

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Sparrows Point, MD 21219	Project Manager:	Russ Becker		

Wet Chemistry - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1145061 - WetChem_Prep										
Duplicate (1145061-DUP2)		**Source: 11J1485-01**		Prepared & Analyzed: 11/01/2011						
Turbidity	0.250	0.10	NTU		0.240			4.08	5	
Batch 1145128 - WetChem_Prep										
Blank (1145128-BLK1)				Prepared & Analyzed: 11/02/2011						
Turbidity	ND	0.10	NTU							
LCS (1145128-BS1)				Prepared & Analyzed: 11/02/2011						
Turbidity	10.2		NTU	10.00		102	80-120			
Duplicate (1145128-DUP1)		**Source: 11J1391-19**		Prepared & Analyzed: 11/02/2011						
Turbidity	30.8	0.10	NTU		30.4			1.31	5	

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1145200 - EPA 200.2 ICP										
Blank (1145200-BLK1)				Prepared: 11/03/2011 Analyzed: 11/04/2011						
Zinc	0.00732	0.0050	mg/L							B1, B2
Cadmium	ND	0.00050	"							
Blank (1145200-BLK2)				Prepared: 11/03/2011 Analyzed: 11/04/2011						
Cadmium	ND	0.00050	mg/L							
Zinc	0.0154	0.0050	"							B1, B2, B3
LCS (1145200-BS1)				Prepared: 11/03/2011 Analyzed: 11/04/2011						
Cadmium	1.05	0.00050	mg/L	1.000		105	85-115			
Zinc	1.05	0.0050	"	1.000		105	85-115			
LCS (1145200-BS2)				Prepared: 11/03/2011 Analyzed: 11/04/2011						
Cadmium	1.05	0.00050	mg/L	1.000		105	85-115			
Zinc	1.04	0.0050	"	1.000		104	85-115			
Duplicate (1145200-DUP1)		**Source: 11J1391-17**		Prepared: 11/03/2011 Analyzed: 11/04/2011						
Zinc	329	0.25	mg/L		323			2.03	20	
Cadmium	15.9	0.025	"		15.6			1.94	20	
Duplicate (1145200-DUP2)		**Source: 11J1391-32**		Prepared: 11/03/2011 Analyzed: 11/04/2011						
Zinc	5.46	0.0050	mg/L		5.63			3.13	20	
Cadmium	0.0281	0.00050	"		0.0290			3.03	20	
Matrix Spike (1145200-MS2)		**Source: 11J1391-32**		Prepared: 11/03/2011 Analyzed: 11/04/2011						
Zinc	6.61	0.0050	mg/L	1.000	5.63	97.1	80-120			
Cadmium	1.03	0.00050	"	1.000	0.0290	99.7	80-120			
Matrix Spike Dup (1145200-MSD2)		**Source: 11J1391-32**		Prepared: 11/03/2011 Analyzed: 11/04/2011						
Cadmium	1.03	0.00050	mg/L	1.000	0.0290	99.7	80-120	0.000976	20	
Zinc	6.70	0.0050	"	1.000	5.63	107	80-120	1.46	20	

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Metals, Total by EPA 200/6000 Series Methods - Quality Control Summary

Microbac Laboratories, Inc., Baltimore Division

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1145200 - EPA 200.2 ICP										
Post Spike (1145200-PS1)		**Source: 11J1391-17**		Prepared & Analyzed: 11/04/2011						
Zinc	7.29		mg/L	1.000	6.45	83.7	90-110			M8
Cadmium	1.33		"	1.000	0.312	102	90-110			
Batch M1K0701 - 1145200										
Instrument Blank (M1K0701-IBL1)				Prepared & Analyzed: 11/03/2011						
Cadmium	ND	0.00050	mg/L							
Zinc	ND	0.0050	"							
Batch M1K0709 - 1145200										
Instrument Blank (M1K0709-IBL1)				Prepared & Analyzed: 11/07/2011						
Zinc	ND	0.0050	mg/L							

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Control Limt: +/- 10.00%
Sequence: M1K0701

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1K0701-ICV1	Cadmium	1.000	0.997	99.7	mg/L	EPA 200.7/6010B
	Zinc	1.000	0.997	99.7	mg/L	EPA 200.7/6010B
M1K0701-CCV7	Cadmium	0.2500	0.256	103	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.503	101	mg/L	EPA 200.7/6010B
M1K0701-CCV8	Cadmium	0.2500	0.264	105	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.514	103	mg/L	EPA 200.7/6010B
M1K0701-CCV9	Cadmium	0.2500	0.268	107	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.511	102	mg/L	EPA 200.7/6010B
M1K0701-CCVA	Cadmium	0.2500	0.265	106	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.529	106	mg/L	EPA 200.7/6010B
M1K0701-CCVB	Cadmium	0.2500	0.267	107	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.518	104	mg/L	EPA 200.7/6010B
M1K0701-CCVC	Cadmium	0.2500	0.271	108	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.529	106	mg/L	EPA 200.7/6010B
M1K0701-CCVD	Cadmium	0.2500	0.271	109	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.526	105	mg/L	EPA 200.7/6010B
M1K0701-CCVE	Cadmium	0.2500	0.272	109	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.529	106	mg/L	EPA 200.7/6010B
M1K0701-CCVF	Cadmium	0.2500	0.271	108	mg/L	EPA 200.7/6010B
	Zinc	0.5000	0.529	106	mg/L	EPA 200.7/6010B

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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CERTIFICATE OF ANALYSIS

RG Steel, LLC	Project: Rod & Wire Mill Wells -2011	Report: 11J1391
1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Control Limt: +/- 10.00%
Sequence: M1K0709

Lab Sample ID	Analyte	True	Found	%R	Units	Method
M1K0709-ICV1	Zinc	1.000	1.02	102	mg/L	EPA 200.7/6010B
M1K0709-CCV1	Zinc	0.5000	0.510	102	mg/L	EPA 200.7/6010B
M1K0709-CCV2	Zinc	0.5000	0.522	104	mg/L	EPA 200.7/6010B

* Values outside of QC limits

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 180.1

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Inst
Project: Rod & Wire Mill Wells -2011
Sequence:
Calibration:

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1144204-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1
1144233-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1
1145026-BLK1	Conductivity	0.661	10	umhos/cm		SM (20) 2510B
1145026-BLK2	Conductivity	0.463	10	umhos/cm		SM (20) 2510B
1145061-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1
1145061-BLK2	Turbidity	0.00	0.10	NTU		EPA 180.1
1145128-BLK1	Turbidity	0.00	0.10	NTU		EPA 180.1

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Rod & Wire Mill Wells -2011
Sequence: M1K0701
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1K0701-ICB1	Cadmium	0.0000601	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00289	0.0050	mg/L		EPA 200.7/6010B
M1K0701-CCB7	Cadmium	0.0000413	0.00050	mg/L		EPA 200.7/6010B
	Zinc	-0.0000536	0.0050	mg/L		EPA 200.7/6010B
1145200-BLK1	Cadmium	0.0000917	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00732	0.0050	mg/L	*	EPA 200.7/6010B
M1K0701-CCB8	Cadmium	0.000104	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.0000795	0.0050	mg/L		EPA 200.7/6010B
M1K0701-CCB9	Cadmium	0.000125	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.000630	0.0050	mg/L		EPA 200.7/6010B
M1K0701-CCBA	Cadmium	0.0000754	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00222	0.0050	mg/L		EPA 200.7/6010B
1145200-BLK2	Cadmium	0.000164	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.0154	0.0050	mg/L	*	EPA 200.7/6010B
M1K0701-CCBB	Cadmium	0.0000507	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00139	0.0050	mg/L		EPA 200.7/6010B
M1K0701-CCBC	Cadmium	0.0000736	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00122	0.0050	mg/L		EPA 200.7/6010B
M1K0701-CCBD	Cadmium	0.0000323	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00182	0.0050	mg/L		EPA 200.7/6010B

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1430 Sparrows Point Blvd	Project Number: Rod & Wire Mill Wells -2011	Reported: 11/14/2011 10:55
Sparrows Point, MD 21219	Project Manager: Russ Becker	

BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Rod & Wire Mill Wells -2011
Sequence: M1K0701
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1K0701-CCBE	Cadmium	0.0000743	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00234	0.0050	mg/L		EPA 200.7/6010B
M1K0701-CCBF	Cadmium	0.000145	0.00050	mg/L		EPA 200.7/6010B
	Zinc	0.00213	0.0050	mg/L		EPA 200.7/6010B

BLANKS
EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Instrument ID: Varian ICP
Project: Rod & Wire Mill Wells -2011
Sequence: M1K0709
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
M1K0709-ICB1	Zinc	0.00394	0.0050	mg/L		EPA 200.7/6010B
M1K0709-CCB1	Zinc	0.000221	0.0050	mg/L		EPA 200.7/6010B
M1K0709-CCB2	Zinc	0.000185	0.0050	mg/L		EPA 200.7/6010B

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INTERFERENCE CHECK SAMPLE

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Sequence: M1K0701

Lab Sample ID	Analyte	True	Found	%R	Units
M1K0701-IFA1	Cadmium	9.750	9.34	95.7	mg/L
	Zinc	9.500	9.39	98.9	mg/L
M1K0701-IFB1	Cadmium	10.00	9.31	93.1	mg/L
	Zinc	10.00	9.57	95.7	mg/L

* Values outside of QC limits

INTERFERENCE CHECK SAMPLE

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Instrument ID: Varian ICP
Calibration: UNASSIGNED
Sequence: M1K0709

Lab Sample ID	Analyte	True	Found	%R	Units
M1K0709-IFA1	Zinc	9.500	9.47	99.7	mg/L
M1K0709-IFB1	Zinc	10.00	9.76	97.6	mg/L

* Values outside of QC limits

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LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Calibration: UNASSIGNED
Laboratory ID: M1K0701-LCV1
Sequence: M1K0701
Standard ID: MJ11712

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Cadmium	0.01000	0.00998	-0.2	30.00
Zinc	0.02000	0.0229	14.7	30.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Calibration: UNASSIGNED
Laboratory ID: M1K0709-LCV1
Sequence: M1K0709
Standard ID: MJ12031

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Zinc	0.02000	0.0201	0.7	30.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Calibration: UNASSIGNED
Laboratory ID: M1K0701-HCV1
Sequence: M1K0701
Standard ID: MJ11715

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Cadmium	5.000	4.90	-1.9	10.00
Zinc	10.00	9.84	-1.6	10.00

* Values outside of QC limits

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.7/6010B

Laboratory: Microbac Laboratories, Inc., Baltimore Division
SDG:
Client: RG Steel, LLC
Project: Rod & Wire Mill Wells -2011
Calibration: UNASSIGNED
Laboratory ID: M1K0709-HCV1
Sequence: M1K0709
Standard ID: MJ12034

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Zinc	10.00	9.71	-2.9	10.00

* Values outside of QC limits

Microbac Laboratories, Inc., Baltimore Division

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Certifications

Below is a list of certifications maintained by Microbac Laboratories, Inc. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. A complete list of individual analytes pursuant to each certification below is available upon request.

Lab #	Description	Certification Number	Expires
Microbac Laboratories, Inc., Baltimore Division			
A2LA1	A2LA (Biology)	410.02	04/30/2013
A2LA2	A2LA (Environmental)	410.01	04/30/2013
915	Commonwealth of Virginia (NELAC)	460170	06/30/2012
CPSC	CPSC Testing of Childrens Products and Jewelry	1115	04/30/2013
Pb	Environmental Lead (ELLAP)	410.01	04/30/2013
NJ	New Jersey	NLC110001	06/30/2012
NC665	North Carolina	665	12/31/2011
MD-DW	State of Maryland	109	06/30/2012
PA	State of Pennsylvania (NELAC)	68-00339	08/31/2012
USDA	US Department of Agriculture	P330-09-00021	02/19/2012
WV054	West Virginia	054	08/31/2011
Microbac Laboratories, Inc., Richmond Division			
150_R	Commonwealth of Virginia (NELAC)	460022	06/30/2012

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Sparrows Point, MD 21219	Project Manager: Russ Becker	

Notes and Definitions

M8	The Post Digestion Spike recovery was out of acceptance limits due an inappropriate spike amount used for the high sample concentration.
B3	Target analyte detected in method blank at or above reporting limit. The analyte concentration was below the reporting limit.
B2	Target analyte detected in method blank at or above reporting limit. Concentration found in the samples was 20 times the concentration found in the method blank.
B1	Target analyte detected in method blank at or above reporting limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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Cooler Receipt Log

Cooler ID: 10/27/11 **Cooler Temp:** 5.40 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler ID: 10/28/11 **Cooler Temp:** 4.10 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler ID: 10/31/11 **Cooler Temp:** 4.00 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Cooler ID: 11/1/11 **Cooler Temp:** 3.90 °C

Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

Comments:

Microbac Laboratories, Inc.

Baltimore Division

Work Order Number:_____ **Results due: 15 Work day . Due Date:**_____ **Cooler #**_____

Severstal **Site** – Rod & Wire Mill **Groundwater Samples** **Temperature Blank.** 5.4 °C

Contact: Russ Becker Field Technician: _____

Telephone: (410) 388-6622 email: russ.becker@intlsteel.com

SAMPLE IDENTIFICATION	*Date & Time Collected*	*CONTAINER TYPE*	*# CONT*	*Cd (6010)*	*Zn (6010)*	*Turbidity*							*COMMENTS*
RW11 PZM 004	10/27/11 12:40	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW13 PZM 020	10/27/11 13:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW12 PZM 004	10/27/11 13:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							

11J1391

Relinquished By (signature)/Date & Time: 10/27/11 1530

Received By (signature)/Date & Time Melanie Dunaski MU 10/27/11 1530

1.) CLP-Like QC Package
2.) Use 200.7 for QC
3.) Run MS/MSD on samples indicated by Field Personnel.

Severstal042310

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW12 PZM 004 Tag: BA 94 5704

Date of Purging: 10/27/11 Start Time: 13:30 Finish Time: 13:45 Weather: Lt Rain 50-60 °F
Date of Collection: 10/27/11 Time of Collection: 13:45

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	6.21
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	6.23

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	18.4	18.4	18.0	18.0	18.0	18.0
pH	6.31	6.27	6.35	6.37	6.37	6.37
Specific Conductance (umhos/cm)	628	628	629	630	630	630
Dissolved Oxygen (mg/l)	3.21	3.25	3.25	3.26	3.26	3.26
Oxidation Reduction (eH)	230.3	238.4	239.6	241.1	241.4	241.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 27 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 13 PZM 020 Tag: BA 94-5709

Date of Purging: 10/27/11 Start Time: 13:00 Finish Time: 13:15 Weather: Lt Rain 60-55°F
Date of Collection: 10/27/11 Time of Collection: 13:15

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	12.95
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	13.01

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	17.0	17.0	17.0	17.0	17.0	17.0
pH	5.73	4.21	4.15	4.13	4.13	4.13
Specific Conductance (umhos/cm)	1820	1825	1825	1825	1825	1825
Dissolved Oxygen (mg/l)	3.61	3.05	3.08	3.08	3.08	3.08
Oxidation Reduction (eH)	358.2	320.5	318.5	286.1	286.1	286.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 27 / 11. (Tech – TR)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 11 PZM 004 Tag: BA-94-5703

Date of Purging: 10/27/11 Start Time: 12:25 Finish Time: ~~1240~~ 1250 Weather: Lt Rain 60 -55
Date of Collection: 10/27/11 Time of Collection: 12:40 TO

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	5.95
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	6.13

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	19.6	17.3	17.3	17.3	17.3	17.3
pH	3.74	3.79	3.83	3.83	3.83	3.83
Specific Conductance (umhos/cm)	3222	3201	3201	3201	3201	3201
Dissolved Oxygen (mg/l)	4.33	0.93	1.36	2.44	2.44	2.44
Oxidation Reduction (eH)	341.7	126	135	135	135	135

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:_____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 27 / 11. (Tech – TO)

HQN:groundisg.doc.white

Microbac Laboratories, Inc.

Baltimore Division

Work Order Number:_____ **Results due: 15 Work day** **Due Date:**_____ **Cooler #** 626

Mittal Steel **Site** – Rod & Wire Mill **Groundwater Samples** **Temperature Blank.** 4.1 °C

Contact: Russ Becker Field Technician: TH

Telephone: (410) 388-6622 email: russ.becker@intlsteel.com

SAMPLE IDENTIFICATION	*Date & Time Collected*	*CONTAINER TYPE*	*# CONT*	*Cd (6010)*	*Zn (6010)*	*Turbidity*	Conductivity						*COMMENTS*
RW14 PZM020	10/28/11 12:35	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW05 PZM001	" 12:10	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW04 PZM003	" 11:40	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW01 PZM020	" 11:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW03 PZM003	" 9:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW02 PZM000	" 9:10	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW02 PZM020	" 830	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW17 PZM019	" 7:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW16 PZM020	" 7:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							

11J1391

Relinquished By (signature)/Date & Time: [signature] 10/28/11

Received By (signature)/Date & Time: [signature] 10/28/11

1.) CLP-Like QC Package
2.) Use 200.7 for QC
3.) Run MS/MSD on samples indicated by Field Personnel.

ISG.060707

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 03 PZM 003 Tag: BA-81-2492

Date of Purging: 10/28/11 Start Time: 9:30 Finish Time: 9:50 Weather: 55-60
Date of Collection: 10/28/11 Time of Collection: 9:45

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	3.91
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	3.98

	0	3	6	9	12	Sample Reading 15
Number of minutes purged						
Temperature (°C)	16.4	16.2	16.0	16.0	16.0	16.0
pH	5.46	5.46	5.13	5.10	5.09	5.08
Specific Conductance (umhos/cm)						IN Lab
Dissolved Oxygen (mg/l)	2.33	2.05	1.76	1.76	1.66	1.66
Oxidation Reduction (eH)	201.4	209.6	213.4	214.8	214.8	214.8

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:_____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11 . (Tech – TW)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: Sparrows Point, MD
Well I.D.: RW 02 PZM 000 Tag: BA-81-4138

Date of Purging: 10/28/11 Start Time: 8:53 Finish Time: 9:15 Weather: 55-60
Date of Collection: 10/28/11 Time of Collection: 9:10

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	3.35
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	3.39

	0	3	6	9	12	Sample Reading 15
Number of minutes purged						
Temperature (°C)	16.4	16.0	16.0	16.0	16.0	16.0
pH	6.12	6.44	6.40	6.43	6.43	6.43
Specific Conductance (umhos/cm)						IN lab
Dissolved Oxygen (mg/l)	6.44	6.40	5.16	4.63	4.50	4.50
Oxidation Reduction (eH)	140.5	149.2	155.6	166.7	166.7	166.7

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 02 PZM 020 Tag: 13A - 81 - 4134

Date of Purging: 10/28/11 Start Time: 8:15 Finish Time: 8:35 Weather: 55 - 60
Date of Collection: 10/28/11 Time of Collection: 8:30

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	12.15
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	12.17

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	16.4	16.4	16.4	16.4	16.4	16.4
pH	6.04	5.91	5.48	5.40	5.38	5.38
Specific Conductance (umhos/cm)						In Lab
Dissolved Oxygen (mg/l)	3.31	2.13	2.06	1.99	1.99	1.99
Oxidation Reduction (eH)	120.4	149.3	157.8	155.3	155.4	155.3

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:_____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – TRP)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 17 PZM 019 Tag: _____

Date of Purging: 10/28/11 Start Time: 7:30 Finish Time: 7:50 Weather: 50 - 60 sun
Date of Collection: 10/28/11 Time of Collection: 7:45

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	13.96
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	13.96

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	16.2	16.2	16.2	16.2	16.2	16.2
pH	6.45	6.39	6.31	6.22	6.22	6.22
Specific Conductance (umhos/cm)						In Lab
Dissolved Oxygen (mg/l)	1.44	1.49	1.30	1.28	1.28	1.28
Oxidation Reduction (eH)	105.3	121.4	199.4	213.6	213.8	213.9

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:_____

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 16 PZM 020 Tag: _____

Date of Purging: 10/25/11 Start Time: 7.00 Finish Time: 720 Weather: Sun 55-60
Date of Collection: 10/25/11 Time of Collection: 715

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	14.17
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	14.19

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	17.2	17.2	17.2	17.2	17.2	17.2
pH	5.43	5.36	5.33	5.29	5.29	5.29
Specific Conductance (umhos/cm)						IN LAB
Dissolved Oxygen (mg/l)	2.46	2.01	2.05	2.03	2.03	2.03
Oxidation Reduction (eH)	412.6	410.3	410.2	410.1	410.1	410.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor NONE
Color clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – TRB)

HQN:groundisg.doc.white

Microbac Laboratories, Inc.

Baltimore Division

Work Order Number:_____ **Results due: 15 Work day Due Date:**_____ **Cooler #** 6226

Mittal Steel **Site** – Rod & Wire Mill **Groundwater Samples** **Temperature Blank.** 4.1 °C

Contact: Russ Becker Field Technician: TH

Telephone: (410) 388-6622 email: russ.becker@intlsteel.com

SAMPLE IDENTIFICATION	*Date & Time Collected*	*CONTAINER TYPE*	*# CONT*	*Cd (6010)*	*Zn (6010)*	*Turbidity*	*Conductivity*						*COMMENTS*
RW14 PZM020	10/28/11 12:35	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW05 PZM001	" 12:10	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW04 PZM003	" 11:40	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW01 PZM020	" 11:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW03 PZM003	" 9:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW02 PZM000	" 9:10	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW02 PZM020	" 8:30	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW17 PZM019	" 7:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
RW16 PZM020	" 7:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X	X						
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							

11J1391

Relinquished By (signature)/Date & Time: 10/28/11

Received By (signature)/Date & Time: 10/28/11

1.) CLP-Like QC Package
2.) Use 200.7 for QC
3.) Run MS/MSD on samples indicated by Field Personnel.

ISG.060707

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 03 PZM 003 Tag: BA-81-2492

Date of Purging: 10/28/11 Start Time: 9:30 Finish Time: 9:50 Weather: 55-60
Date of Collection: 10/28/11 Time of Collection: 9:45

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	3.91
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	3.98

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	16.4	16.2	16.0	16.0	16.0	16.0
pH	5.46	5.46	5.13	5.10	5.09	5.08
Specific Conductance (umhos/cm)						IN Lab
Dissolved Oxygen (mg/l)	2.33	2.05	1.76	1.76	1.66	1.66
Oxidation Reduction (eH)	201.4	209.6	213.4	214.8	214.8	214.8

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – TG)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: Sparrows Point, MD
Well **I.D.**: RW 02 PZM 000 Tag: BA - 81-4138

Date of Purging: 10/28/11 Start Time: 8:53 Finish Time: 9:15 Weather: 55-60
Date of Collection: 10/28/11 Time of Collection: 9:10

Well Status:

Good	_____	Grout	_____
Good	_____	Casing	_____
Good	_____	Lock	_____
Good	_____	Obstructions	_____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	3.35
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	3.35

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	16.4	16.0	16.0	16.0	16.0	16.0
pH	6.12	6.44	6.40	6.43	6.43	6.43
Specific Conductance (umhos/cm)						In lab
Dissolved Oxygen (mg/l)	6.44	6.40	5.16	4.63	4.50	4.50
Oxidation Reduction (eH)	140.5	149.2	155.6	166.7	166.7	166.7

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 02 PZM 020 Tag: BA - 81 - 4134

Date of Purging: 10/28/11 Start Time: 8:15 Finish Time: 8:35 Weather: 55 - 60
Date of Collection: 10/28/11 Time of Collection: 8:30

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	12.15
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	12.17

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	16.4	16.4	16.4	16.4	16.4	16.4
pH	6.04	5.91	5.48	5.40	5.38	5.38
Specific Conductance (umhos/cm)						In Lab
Dissolved Oxygen (mg/l)	3.31	2.13	2.06	1.99	1.99	1.99
Oxidation Reduction (eH)	120.4	149.3	157.8	155.3	155.4	155.3

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:_____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – TRD)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 17 PZM 019 Tag: _____

Date of Purging: 10/28/11 Start Time: 7:30 Finish Time: 750 Weather: 50 - 60 SUN
Date of Collection: 10/28/11 Time of Collection: 745

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	13.96
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	13.96

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	16.2	16.2	16.2	16.2	16.2	16.2
pH	6.45	6.39	6.31	6.22	6.22	6.22
Specific Conductance (umhos/cm)						IN LAB
Dissolved Oxygen (mg/l)	1.44	1.49	1.30	1.28	1.28	1.28
Oxidation Reduction (eH)	109.3	121.4	199.4	213.6	213.8	213.9

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – TC)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 16 PZM 020 Tag: _____

Date of Purging: 10/28/11 Start Time: 7:00 Finish Time: 720 Weather: Sun 55-60
Date of Collection: 10/28/11 Time of Collection: 715

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	14.17
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	14.19

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	17.2	17.2	17.2	17.2	17.2	17.2
pH	5.43	5.36	5.33	5.29	5.29	5.29
Specific Conductance (umhos/cm)						IN Lab
Dissolved Oxygen (mg/l)	2.46	2.01	2.05	2.03	2.03	2.03
Oxidation Reduction (eH)	412.6	410.3	410.2	410.1	410.1	410.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – TRD)

HQN:groundisg.doc.white

Microbac Laboratories, Inc.

Baltimore Division

Work Order Number:_____ **Results due: 15 Work day Due Date:**_____ **Cooler #** 676

Mittal Steel **Site** – Rod & Wire Mill **Groundwater Samples** **Temperature Blank.** 4.0 °C

Contact: Russ Becker Field Technician: TH

Telephone: (410) 388-6622 email: russ.becker@intlsteel.com

SAMPLE IDENTIFICATION	*Date & Time Collected*	*CONTAINER TYPE*	*# CONT*	*Cd (6010)*	*Zn (6010)*	*Turbidity*								*COMMENTS*
RW07 PZM 004	10/31/11 8:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
RW 01 PZM 011	10/31/11 8:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
RW 09 PZM 004	10/31/11 9:20	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
RW 06 PZM 001	10/31/11 9:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
RW 08 PZM 003	10/31/11 10:55	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								MS/MSD
RW 10 PZM 020	10/31/11 11:20	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
RW 10 PZM 004	10/31/11 11:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
RW 10 PZM 005	10/31/11 12:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
RW 15 PZM 020	10/31/11 12:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
TS 01 PZM 004	10/31/11 13:10	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								
RW 20 PZM 050	10/31/11 13:35	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X								

11J1391

Relinquished By (signature)/Date & Time: 10/31/11 15:10

Received By (signature)/Date & Time Melanie Dusyzki 10/31/11 1510

1.) CLP-Like QC Package
2.) Use 200.7 for QC
3.) Run MS/MSD on samples indicated by Field Personnel.

ISG.060707

Microbac Laboratories, Inc.

Baltimore Division

Work Order Number:_____ **Results due: 15 Work day Due Date:**_____ **Cooler #** 626

Mittal Steel **Site** – Rod & Wire Mill **Groundwater Samples** **Temperature Blank.** 4.0 °C

Contact: Russ Becker Field Technician: [illegible]

Telephone: (410) 388-6622 email: russ.becker@intlsteel.com

SAMPLE IDENTIFICATION	*Date & Time Collected*	*CONTAINER TYPE*	*# CONT*	*Cd (6010)*	*Zn (6010)*	*Turbidity*							*COMMENTS*
RW 20 PZM 000	10/31/11 13:55	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 20 PZM 020	10/31/11 14:20	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 21 PZM 023	10/31/11 14:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
Duplicate	10/31/11 14:45	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
EQUIP Blank	10/31/11 16:20	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							

Relinquished By (signature)/Date & Time: [signature] 10/31/11 1510

Received By (signature)/Date & Time [signature] 10-31-11 1510

1.) CLP-Like QC Package
2.) Use 200.7 for QC
3.) Run MS/MSD on samples indicated by Field Personnel.

ISG.060707

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 20 PZ1M 000 Tag: BA 81-4981

Date of Purging: 10/31/11 Start Time: 1340 Finish Time: 1400 Weather: 50-55
Date of Collection: 10/31/11 Time of Collection: 1355

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	3.45
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	3.48

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	18.6	18.0	18.0	18.0	18.0	18.0
pH	9.72	9.76	9.78	9.79	9.79	9.79
Specific Conductance (umhos/cm)	219	217	220	219	220	221
Dissolved Oxygen (mg/l)	4.33	4.13	3.91	3.88	3.80	3.80
Oxidation Reduction (eH)	268.9	266.8	267.8	259.1	261.3	261.3

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: KW 20 P2M 050 Tag: 3A 3F 4992

Date of Purging: 10/31/11 Start Time: 1320 Finish Time: 1340 Weather: 50-55
Date of Collection: 10/31/11 Time of Collection: 1335

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	10.44
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	10.46

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	18.4	18.0	18.0	18.0	18.0	18.0
pH	7.13	7.10	7.08	7.06	7.06	7.04
Specific Conductance (umhos/cm)	283	283	282	280	280	279
Dissolved Oxygen (mg/l)	2.93	2.86	2.77	2.70	2.69	2.69
Oxidation Reduction (eH)	330.6	340	340.6	336.4	336.4	336.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: TS 04 P2M 004 Tag: N/C Tag

Date of Purging: [illegible] Start Time: 12:55 Finish Time: 13:15 Weather: 55-50
Date of Collection: [illegible] Time of Collection: 13:10

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	10.70
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	10.70

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.3	17.5	~~17.5~~ 17.5	17.5	17.5	17.5
pH	7.38	6.52	6.70	7.24	7.23	~~7.22~~ 7.22
Specific Conductance (umhos/cm)	346	364	360	364	365	364
Dissolved Oxygen (mg/l)	3.26	3.16	2.99	2.95	2.95	2.95
Oxidation Reduction (eH)	400.6	405.2	402.6	403.8	403.9	403.9

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 21 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW15 PZM 020 Tag: Shed 24

Date of Purging: 10/21/[illegible] Start Time: 1230 Finish Time: 1250 Weather: 55-52
Date of Collection: 10/21/[illegible] Time of Collection: 1245

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	17.49
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	17.49

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.0	17.0	17.0	17.0	17.0	17.0
pH	6.00	6.00	6.00	6.00	6.00	6.00
Specific Conductance (umhos/cm)	10020	10020	10020	10020	10020	10020
Dissolved Oxygen (mg/l)	50.2	50.2	50.2	50.2	50.2	50.2
Oxidation Reduction (eH)	0.44	0.43	0.44	0.43	0.44	0.43

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor [illegible]
Color [illegible]

Rate of Purge 50 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling __/__/__. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 10 P2M 065 Tag: [illegible]

Date of Purging: 10/31/11 Start Time: 1200 Finish Time: 1200 Weather: [illegible]
Date of Collection: 10/31/11 Time of Collection: 1215

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	12.31
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	2.01

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	18.4	18.0	17.5	17.0	17.0	17.0
pH	10.32	10.44	10.69	7.54	7.50	7.50
Specific Conductance (umhos/cm)	72 ~~7.22~~	729	849	1012	1012	1012
Dissolved Oxygen (mg/l)	2.95	2.90	2.14	2.00	2.01	2.01
Oxidation Reduction (eH)	231.6	249.1	249.1	249.1	249.1	249.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color None

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11 . (Tech [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 10 PLM 020 Tag: Sheet 27

Date of Purging: 10/31/11 Start Time: 11:05 Finish Time: 11:25 Weather: 55-50
Date of Collection: 10/31/11 Time of Collection: 11:20

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	15.44
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	15.44

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.6	17.2	17.0	17.0	17.0	17.0
pH	5.30	5.22	5.21	5.25	5.20	5.20
Specific Conductance (umhos/cm)	4805	4805	4805	4805	4805	4805
Dissolved Oxygen (mg/l)	3.16	2.53	2.53	2.53	2.53	2.53
Oxidation Reduction (eH)	105.4	105.4	104.3	104.1	104.1	104.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – [signature])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 08 PZM 003 Tag: BN 81-2488

Date of Purging: 10/31/11 Start Time: 1040 Finish Time: 1100 Weather: 50-55
Date of Collection: 10/31/11 Time of Collection: 1055

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	3.43
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	3.43

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.0	17.0	17.0	17.0	17.0	17.0
pH	4.72	4.66	4.64	4.65	4.65	4.65
Specific Conductance (umhos/cm)	1585	1764	1820	1821	1821	1821
Dissolved Oxygen (mg/l)	4.33	2.15	2.16	2.15	2.16	2.16
Oxidation Reduction (eH)	219.6	220.4	221.5	221.5	221.5	221.5

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW09 P2M CCC1 Tag: BA 921 5701

Date of Purging: 10/31/11 Start Time: 9:05 Finish Time: 9:25 Weather: 55 SC
Date of Collection: 10/31/11 Time of Collection: 9:20

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	5.11
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	5.13

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.3	17.0	17.0	17.0	17.0	17.0
pH	11.46	11.49	11.50	11.50	11.53	11.53
Specific Conductance (umhos/cm)	748	770	778	778	813	813
Dissolved Oxygen (mg/l)	3.26	3.19	3.01	2.96	2.96	2.96
Oxidation Reduction (eH)	251.8	247.2	243.9	243.3	239.3	239.3

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 06 PZM 001 Tag: BA 81 7935

Date of Purging: 10/31/11 Start Time: 9:35 Finish Time: 9:50 Weather: 55 - 60
Date of Collection: 10/31/11 Time of Collection: 9:45

Well Status:

Good		Grout	Cracked
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	4.18
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	4.18

	0	3	6	9	12	Sample Reading 15
Number of minutes purged						
Temperature (°C)	17.7	17.7	17.5	17.3	17.3	17.3
pH	7.43	7.29	7.26	7.19	7.17	7.17
Specific Conductance (umhos/cm)	501	501	501	503	505	505
Dissolved Oxygen (mg/l)	1.74	1.66	1.65	1.65	1.64	1.64
Oxidation Reduction (eH)	303.8	309.5	313.3	313.8	320.1	320.4

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge _____ **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – TC)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW07 PZM 017 Tag: B1 81 4132

Date of Purging: 10/31/11 Start Time: 8:30 Finish Time: 8:50 Weather: 55 SC
Date of Collection: 10/31/11 Time of Collection: 8:45

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good	✓	Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	13.15
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	13.17

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	16.5	16.5	16.5	16.5	16.5	16.5
pH	3.64	3.62	3.62	3.62	3.62	3.62
Specific Conductance (umhos/cm)	3580	3580	3580	3580	3580	3580
Dissolved Oxygen (mg/l)	2.46	2.13	1.92	1.81	1.93	1.93
Oxidation Reduction (eH)	563.7	497.1	497.5	497.1	497.1	497.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor SL clear
Color SL white

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW07 PZ01 004 Tag: BA-924-5711

Date of Purging: 10/31/11 Start Time: 8:00 Finish Time: 8:20 Weather: 55-50
Date of Collection: 10/31/11 Time of Collection: 8:15

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good	✓	Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	6.17
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	6.70

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	18.0	18.0	18.0	18.0	18.0	18.0
pH	10.65	10.65	10.66	10.66	10.66	10.66
Specific Conductance (umhos/cm)	447	447	444	444	444	444
Dissolved Oxygen (mg/l)	2.26	2.20	2.18	2.01	2.01	2.01
Oxidation Reduction (eH)	469.0	468.0	467	467	467	467

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Microbac Laboratories, Inc.

Baltimore Division

Work Order Number:_____ **Results due: 15 Work day** **Due Date:**_____ **Cooler #** 626

Mittal Steel **Site** – Rod & Wire Mill **Groundwater Samples** **Temperature Blank.** 3.9 °C

Contact: Russ Becker Field Technician: [signature]

Telephone: (410) 388-6622 email: russ.becker@intlsteel.com

SAMPLE IDENTIFICATION	*Date & Time Collected*	*CONTAINER TYPE*	*# CONT*	*Cd (6010)*	*Zn (6010)*	*Turbidity*							*COMMENTS*
RW 18 PZM 047	11/1/11 13:05	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
T304 PZM 023	11/1/11 13:30	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 19 PZM 050	11/1/11 13:55	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 19 PZM 020	11/1/11 1420	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 19 PZM 000	11/1/11 1445	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
RW 10 PZM 004	11/1/11 13:15	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
Field Blank	11/1/11 13:25	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
Equip Blank	11/1/11 13:00	1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							
		1 Plastic Pint – HNO3 1 Plastic Pt. Neat	2	X	X	X							

11J1391

Relinquished By (signature)/Date & Time: [signature] 11/1/11 16:00

Received By (signature)/Date & Time: Melanie Dusyppki MU 11-1-11 1600

1.) CLP-Like QC Package
2.) Use 200.7 for QC
3.) Run MS/MSD on samples indicated by Field Personnel.

ISG.060707

11J1391

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 01 PZM 020 Tag: BA 81 4133

Date of Purging: 10/28/11 Start Time: 11100 Finish Time: 1120 Weather: 55-60
Date of Collection: 10/28/11 Time of Collection: 11:15

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	12.15
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	12.17

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	16.2	16.2	16.1	15.9	15.9	15.9
pH	6.23	6.13	5.69	5.60	5.52	5.50
Specific Conductance (umhos/cm)						IN lab
Dissolved Oxygen (mg/l)	2.26	2.20	2.06	1.87	1.66	1.66
Oxidation Reduction (eH)	190.6 190.6	181.2	180.4	179.6	175.4	175.6

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 10 PZM 004 Tag: _____

Date of Purging: 10/1/11 Start Time: 11:30 Finish Time: 1150 Weather: 55-65
Date of Collection: 11/1/11 Time of Collection: 1145

Well Status:

Good	✓	Grout	
Good		Casing	OPEN TOP
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	2.91
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	1.90

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.2	17.0	16.5	16.3	16.3	16.3
pH	8.96	9.12	9.23	9.26	9.28	9.28
Specific Conductance (umhos/cm)	400	395	391	390	390	390
Dissolved Oxygen (mg/l)	1.22	1.15	1.15	1.15	1.15	1.15
Oxidation Reduction (eH)	146	144	140	140	140	140

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments: No Latch To Cover well
RAIN over weekend
Reference SOP Field-014
Readings were performed on date of sampling 11 / 1 / 11. (Tech – TG)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW04 PZM 003 Tag: BA 81 2491

Date of Purging: 10/28/11 Start Time: 11:25 Finish Time: 11:45 Weather: 55-60
Date of Collection: 10/28/11 Time of Collection: 11:40

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	4.03
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	4.04

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	16.2	16.0	16.1	16.1	16.1	16.1
pH	6.77	6.65	6.60	6.55	6.54	6.54
Specific Conductance (umhos/cm)						IN Lab
Dissolved Oxygen (mg/l)	3.01	2.64	2.06	1.49	1.49	1.49
Oxidation Reduction (eH)	80.9	130.4	130.4	144.6	144.6	144.6

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:_____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11 . (Tech – [illegible])

HQN:groundisg.doc.white

Report #

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal**
Well **I.D.**: RW 14 PZM 020

Site: **ROD & WIRE**
Tag: BM 14 5765

Date of Purging: 10/28/11 Start Time: 1220 Finish Time: 1240 Weather: 55-60
Date of Collection: 10/28/11 Time of Collection: 1235

Well Status:

Good ✓
Good ✓
Good
Good

Grout
Casing
Lock
Obstructions

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	13.72
Depth to Bottom from Top of Casing (0.01 ft.)	
Depth of Water in the Well (gallon)	
Volume of water in the Well (gallon)	
Depth to Water from Top of Casing (0.01 ft.) after purging	
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	13.75

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	16.3	16.1	16.1	16.1	16.1	15
pH	4.78	4.55	5.21	5.56	5.56	16.1
Specific Conductance (umhos/cm)						5.56
Dissolved Oxygen (mg/l)	1.30	1.31	1.31	1.33	1.30	IN lab
Oxidation Reduction (eH)	299.6	290.4	281.2	281.2	281.2	1.30
						281.3

Purging Equipment
Peristaltic Pump
Bladder Pump ✓

Well Observation
Odor None
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 28 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal**
Well **I.D.**: RW05 PZM 001
Site: **ROD & WIRE**
Tag: BA 81 7934

Date of Purging: 10/28/11 Start Time: 11:55 Finish Time: 12:15 Weather: 55-60
Date of Collection: 10/28/11 Time of Collection: 12:10

Well Status:

Good ✓
Good ✓
Good
Good

Grout
Casing
Lock
Obstructions

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	5.20
Depth to Bottom from Top of Casing (0.01 ft.)	
Depth of Water in the Well (gallon)	
Volume of water in the Well (gallon)	
Depth to Water from Top of Casing (0.01 ft.) after purging	
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	5.18

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	16.1	16.1	16.1	16.1	16.1	16.1
pH	6.32	6.43	6.55	6.72	6.93	6.94
Specific Conductance (umhos/cm)	6.28	6.16	6.16	6.16	6.16	IN lab
Dissolved Oxygen (mg/l)	↓	↓	↓	↓	↓	6.16
Oxidation Reduction (eH)	125.6	141.3	156.4	170.4	170.4	170.4

Purging Equipment
Peristaltic Pump
Bladder Pump ✓

Well Observation
Odor NONE
Color Clear

Rate of Purge _____ **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling ____/____/____. (Tech –)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 20 PZM 020 Tag: BA 814982

Date of Purging: 10/31/11 Start Time: 14:05 Finish Time: 1425 Weather: 55-60
Date of Collection: 10/31/11 Time of Collection: 1420

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	15.71
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	15.75

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	18.4	18.3	18.0	18.0	18.0	18.0
pH	5.41	5.41	5.42	5.42	5.42	5.42
Specific Conductance (umhos/cm)	3970	3980	3980	3980	3980	3980
Dissolved Oxygen (mg/l)	3.24	3.01	3.01	3.05	3.00	3.01
Oxidation Reduction (eH)	299.3	286.4	278.8	278.1	278.1	278.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:_____

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW 21 PZM 023 Tag: BA 94 5706

Date of Purging: 10/31/11 Start Time: 1430 Finish Time: 1450 Weather: 55-60
Date of Collection: 10/31/11 Time of Collection: 1445

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	15.00
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	15.00

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	17.8	17.7	17.5	17.5	17.5	17.5
pH	2.79	2.80	2.81	2.83	2.83	2.83
Specific Conductance (umhos/cm)	9610	9710	9710	9710	9710	9710
Dissolved Oxygen (mg/l)	1.34	1.32	1.30	1.29	1.29	1.31
Oxidation Reduction (eH)	468.9	502.8	548.1	621.1	621.3	621.1

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge _____ **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 10 / 31 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 18 PZM 047 Tag: BA 81-4995

Date of Purging: 11/1/11 Start Time: 1250 Finish Time: 1310 Weather: 53-60
Date of Collection: 11/1/11 Time of Collection: 1305

Well Status:

Good _____ Grout _____
Good _____ Casing _____
Good _____ Lock _____
Good _____ Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	16.44
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	16.32

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.6	17.3	17.3	17.3	17.3	17.3
pH	6.31	6.30	6.30	6.30	6.30	6.30
Specific Conductance (umhos/cm)	436	448	448	448	448	448
Dissolved Oxygen (mg/l)	4.32	3.29	3.01	3.05	3.05	3.05
Oxidation Reduction (eH)	313.6	353.7	353.9	353.9	353.9	353.9

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color CLEAR

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 11 / 1 / 11. (Tech – TM)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: TS 04 PZM 023 Tag: _____

Date of Purging: 11/1/11 Start Time: 1315 Finish Time: 1335 Weather: 55-60
Date of Collection: 11/1/11 Time of Collection: 1330

Well Status:

Good _____	Grout _____
Good _____	Casing _____
Good _____	Lock _____
Good _____	Obstructions _____

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	12.21
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	12.25

Number of minutes purged	0	3	6	9	12	Sample Reading
Temperature (°C)	17.0	17.0	17.0	17.0	17.0	17.0
pH	6.00	6.57	6.72	6.90	6.90	6.90
Specific Conductance (umhos/cm)	315	910	13932	13932	13941	13941
Dissolved Oxygen (mg/l)	2.22	2.15	2.13	2.13	2.10	2.10
Oxidation Reduction (eH)	430	391	350	277	277	277

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color DARK BROWN

Rate of Purge 150 **milliliters / minute**

Comments: _____

Reference SOP Field-014
Readings were performed on date of sampling 11 / 1 / 11. (Tech – TR)

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW19 PZM 050 Tag: 13A 81-4978

Date of Purging: 11/1/11 Start Time: 1340 Finish Time: 1400 Weather: 55-60
Date of Collection: 11/1/11 Time of Collection: 1355

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	13.70
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	13.72

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	18.0	18.0	18.0	18.0	18.0	18.0
pH	6.57	6.53	6.50	6.51	6.51	6.51
Specific Conductance (umhos/cm)	243	301	320	361	366	366
Dissolved Oxygen (mg/l)	1.46	1.40	1.41	1.40	1.41	1.41
Oxidation Reduction (eH)	261.4	170	158	158	158	158

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor NONE
Color Clear

Rate of Purge 150 **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 11 / 1 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well I.D.: RW19 PZM 020 Tag: BA 81 4979

Date of Purging: 11/1/11 Start Time: 1405 Finish Time: 1425 Weather: 55-60
Date of Collection: 11/1/11 Time of Collection: 1420

Well Status:

Good	✓	Grout	
Good	✓	Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	16.00
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	16.00

Number of minutes purged	0	3	6	9	12	Sample Reading 15
Temperature (°C)	17.0	17.0	17.0	17.0	17.0	17.0
pH	6.61	6.19	6.15	6.14	6.15	6.15
Specific Conductance (umhos/cm)	11040	11090	11090	11090	11090	11090
Dissolved Oxygen (mg/l)	3.81	3.73	2.46	2.33	2.33	2.33
Oxidation Reduction (eH)	55.2	69.1	77.8	101.2	101.2	101.5

Purging Equipment
Peristaltic Pump ✓
Bladder Pump

Well Observation
Odor None
Color Clear

Rate of Purge _____ **milliliters / minute**

Comments:

Reference SOP Field-014
Readings were performed on date of sampling 11 / 1 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Report #_____

Microbac Laboratories, Inc.
Groundwater Monitoring Report

Client: **Severstal** Site: **ROD & WIRE**
Well **I.D.**: RW 19 P2M 000 Tag: BA 81 4980

Date of Purging: 11/1/11 Start Time: 1430 Finish Time: 1450 Weather: 55-60
Date of Collection: 11/1/11 Time of Collection: 1445

Well Status:

Good		Grout	
Good		Casing	
Good		Lock	
Good		Obstructions	

Diameter of Well Casing (inches)	2
Depth Measurements Performed (PVC/Metal)	PVC
Depth to Water from Top of Casing (0.01 ft.) prior to purging	8.45
Depth to Bottom from Top of Casing (0.01 ft.)	----------
Depth of Water in the Well (gallon)	----------
Volume of water in the Well (gallon)	----------
Depth to Water from Top of Casing (0.01 ft.) after purging	----------
Depth to Water from Top of Casing (0.01 ft.) at time of sampling	8.45

						Sample Reading
Number of minutes purged	0	3	6	9	12	15
Temperature (°C)	17.0	17.0	17.0	17.0	17.0	17.0
pH	6.81	7.05	7.09	7.15	7.15	7.15
Specific Conductance (umhos/cm)	530	536	515	515	513	513
Dissolved Oxygen (mg/l)	2.33	2.33	2.27	2.27	2.26	2.26
Oxidation Reduction (eH)	30.2	41.2	43.4	49.9	49.8	50.5

Purging Equipment
Peristaltic Pump ✓
Bladder Pump _____

Well Observation
Odor None
Color clear

Rate of Purge _____ **milliliters / minute**

Comments:_____

Reference SOP Field-014
Readings were performed on date of sampling 11 / 1 / 11. (Tech – [illegible])

HQN:groundisg.doc.white

Microbac Laboratories, Inc.

Severstal

Elevations @ the Former Rod & Wire Mill Area

Well Designation	Total Depth (ft.)	Depth to Water (ft.)
RW01-PZM020	30 32.08	12.15
RW02-PZM000	10 12.00	3.35
RW02-PZM020	30 32.26	12.82
RW03-PZM003	15 14.50	3.91
RW04-PZM003	15 14.75	4.03
RW05-PZM001	10 11.70	5.20
RW06-PZM001	10 12.16	4.18
RW07-PZM004	14 16.70	6.17
RW07-PZM017	30 32.00	13.15
RW08-PZM003	14 14.30	3.43
RW09-PZM004	14 15.50	5.11
RW10-PZM004	14 14.05	2.91
RW10-PZM020	30 31.34	15.44
RW10-PZM065	70 71.11	12.31
RW11-PZM004	14 16.67	5.91
RW12-PZM004	14 16.30	6.21
RW13-PZM020	30 31.48	12.95
RW14-PZM020	30 31.88	13.72
RW15-PZM020	32 32.04	17.49
RW16-PZM020	30 31.90	14.17
RW17-PZM019	29 31.88	13.96
RW18-PZM047	60 61.04	16.44
RW19-PZM020	30 32.09	16.00
RW19-PZM050	60 61.01	13.70
RW19-PZM000	10 12.00	8.45
RW20-PZM020	32 32.00	15.71
RW20-PZM050	60 61.25	10.44
RW20-PZM000	10 11.66	3.45
RW21-PZM023	33 34.69	15.00
TS04-PDM004	15 17.90	10.70
TS04-PZM023	33 34.21	12.21

Note:

1. Groundwater elevations were performed on _____.

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MD11509

Description:	ICP-ICP/MS Solution B LCS Spike	Expires:	03/22/2012
Standard Type:	Analyte Spike	Prepared:	03/24/2011
Solvent:	D I H2O	Prepared By:	Andy P. Smith
Final Volume (mls):	500	Department:	Metals
Vials:	1	Last Edit:	04/15/2011 09:08 by APS
Vendor:	High-Purity	Lot No.:	1107707

Analyte	CAS Number	Concentration	Units
Titanium	7440-32-6	100	ug/mL
Tin	7440-31-5	100	ug/mL
Silver	7440-22-4	50	ug/mL
Silicon	7440-21-3	100	ug/mL
Phosphorus	7723-14-0	100	ug/mL
Molybdenum	7439-98-7	100	ug/mL
Antimony	7440-36-0	100	ug/mL

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MD11510

Description:	ICP-ICP/MS Solution A LCS Spike	Expires:	04/12/2012
Standard Type:	Analyte Spike	Prepared:	04/15/2011
Solvent:	D I H2O	Prepared By:	Andy P. Smith
Final Volume (mls):	500	Department:	Metals
Vials:	1	Last Edit:	04/15/2011 09:12 by APS
Vendor:	High-Purity	Lot No.:	1109708

Analyte	CAS Number	Concentration	Units
Magnesium	7439-95-4	1000	ug/mL
Arsenic	7440-38-2	100	ug/mL
Barium	7440-39-3	100	ug/mL
Beryllium	7440-41-7	100	ug/mL
Bismuth	NA	100	ug/mL
Boron	7440-42-8	100	ug/mL
Cadmium	7440-43-9	100	ug/mL
Calcium	7440-70-2	1000	ug/mL
Chromium	7440-47-3	100	ug/mL
Cobalt	7440-48-4	100	ug/mL
Copper	7440-50-8	100	ug/mL
Gallium	7440-55-3	100	ug/mL
Iron	7439-89-6	500	ug/mL
Aluminum	7429-90-5	500	ug/mL
Lithium	7439-93-2	100	ug/mL
Zinc	7440-66-6	100	ug/mL
Manganese	7439-96-5	100	ug/mL
Nickel	7440-02-0	100	ug/mL
Nickel_58	7440-02-0	100	ug/mL
Nickel_60	7440-02-0	100	ug/mL
Nickel_62	7440-02-0	100	ug/mL
Potassium	7440-09-7	1000	ug/mL
Selenium	7782-49-2	100	ug/mL
Sodium	7440-23-5	1000	ug/mL
Strontium	7440-24-6	100	ug/mL

Reviewed By Date

Thallium	7440-28-0	100	ug/mL
Thorium	7440-29-1	100	ug/mL
Uranium	7440-61-1	100	ug/mL
Vanadium	7440-62-2	100	ug/mL
Lead	7439-92-1	100	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MD11511

Description:	ICP-ICP/MS Solution B LCS Spike	Expires:	04/12/2012
Standard Type:	Analyte Spike	Prepared:	04/15/2011
Solvent:	D I H2O	Prepared By:	Andy P. Smith
Final Volume (mls):	500	Department:	Metals
Vials:	1	Last Edit:	04/15/2011 09:12 by APS
Vendor:	High-Purity	Lot No.:	1109710

Analyte	CAS Number	Concentration	Units
Titanium	7440-32-6	100	ug/mL
Tin	7440-31-5	100	ug/mL
Silver	7440-22-4	50	ug/mL
Silicon	7440-21-3	100	ug/mL
Phosphorus	7723-14-0	100	ug/mL
Molybdenum	7439-98-7	100	ug/mL
Antimony	7440-36-0	100	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ10502

Description:	ICP internal std	Expires:	11/04/2011
Standard Type:	Internal Standard	Prepared:	10/05/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	4000	Department:	Metals
Vials:	1	Last Edit:	10/05/2011 10:12 by APS
Vendor:	-	Lot No.:	-

5% HNO3, 2% HCL, and 9.8g of Cesium carbonate.

Analyte	CAS Number	Concentration	Units
Yttrium	7440-65-5	2	ug/mL
Hydrochloric acid (HCl)	NA	20000	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MG11404	HCL, Conc.	06/14/2011	Erika D. Pabon	07/14/2012	08/30/2011 10:32 by EDP	80
MI02901	HNO3, Conc	09/29/2010	Erika D. Pabon	09/29/2015	06/09/2011 14:21 by EDP	200
ML00109	10,000ppm Yttrium stock	12/01/2010	Andy P. Smith	11/30/2011	12/01/2010 10:34 by APS	0.8
ML02111	Cesium carbonate	12/21/2010	Andy P. Smith	12/21/2015	05/31/2011 19:29 by BMC	9.8

Reviewed By Date

Conductivity

SM 2510 B/EPA 120.1/SW846 9050

Date/Time: 10/14/11 @ 1704 Analyst: BMC

LCS: 1413 (µmho/cm) Chemical #: MJ11409 Resul

MJ11409

Sample #	A Reading (µmho)	B Factor	C K Constant	D Final Result (µmho/cm)		
LCS1	1.420	1000		1420		
LCS2	1.417	1000		1417		
LCS3	1.421	1000		1421		
LCS4	1.421	1000		1421		
			average	1419.21		
				1413	= 1.00	K constant
					1419.21 × 100	
					1413	× 100 = 100.4%
Batch 1142169						
Blank	0.801	—	1.00	0.801	24.5	
LCS	1.422	1000		1422	21.7	
1130468-21	2.19	1000		2190	24.9	
dup	2.20	1000		2200	24.9	
1130603-07	0.831	1000		831	23.8	
1170761-01	1.043	—		1.043	20.1	
02	1.429	—		1.429	21.3	
03	1.177	—		1.177	18.3	
					BMC	10/14/11

Note:
1) Conductivity Meter: YSI Model 32/SN 2027.
2) D = A * B * C

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ11709

Description:	ICP STD 6	Expires:	11/06/2011
Standard Type:	Calibration Standard	Prepared:	10/17/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	10/17/2011 11:37 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	2	ug/mL
Antimony	7440-36-0	4	ug/mL
Arsenic	7440-38-2	2	ug/mL
Barium	7440-39-3	2	ug/mL
Beryllium	7440-41-7	2	ug/mL
Boron	7440-42-8	2	ug/mL
Cadmium	7440-43-9	1	ug/mL
Calcium	7440-70-2	20	ug/mL
Chromium	7440-47-3	2	ug/mL
Cobalt	7440-48-4	2	ug/mL
Copper	7440-50-8	2	ug/mL
Gallium	7440-55-3	2	ug/mL
Iron	7439-89-6	2	ug/mL
Lead	7439-92-1	4	ug/mL
Aluminum	7429-90-5	10	ug/mL
Silicon	7440-21-3	4	ug/mL
Vanadium	7440-62-2	2	ug/mL
Titanium	7440-32-6	2	ug/mL
Tin	7440-31-5	4	ug/mL
Thallium	7440-28-0	2	ug/mL
Strontium	7440-24-6	2	ug/mL
Lithium	7439-93-2	4	ug/mL
Silver	7440-22-4	0.4	ug/mL
Magnesium	7439-95-4	20	ug/mL
Selenium	7782-49-2	4	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ11709

Potassium	7440-09-7	20	ug/mL
Phosphorus	7723-14-0	2	ug/mL
Nickel	7440-02-0	4	ug/mL
Molybdenum	7439-98-7	4	ug/mL
Zinc	7440-66-6	2	ug/mL
Sodium	7440-23-5	20	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MF00301	ICP CAL STD SOLN A	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:31 by APS	2
MF00302	ICP CAL STD SOLN B	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:34 by APS	2

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ11710

Description:	ICP STD 1	Expires:	11/06/2011
Standard Type:	Calibration Standard	Prepared:	10/17/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	10/17/2011 11:40 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.001	ug/mL
Antimony	7440-36-0	0.002	ug/mL
Arsenic	7440-38-2	0.001	ug/mL
Barium	7440-39-3	0.001	ug/mL
Beryllium	7440-41-7	0.001	ug/mL
Boron	7440-42-8	0.001	ug/mL
Cadmium	7440-43-9	0.0005	ug/mL
Calcium	7440-70-2	0.01	ug/mL
Chromium	7440-47-3	0.001	ug/mL
Cobalt	7440-48-4	0.001	ug/mL
Copper	7440-50-8	0.001	ug/mL
Gallium	7440-55-3	0.001	ug/mL
Iron	7439-89-6	0.001	ug/mL
Lead	7439-92-1	0.002	ug/mL
Aluminum	7429-90-5	0.005	ug/mL
Silicon	7440-21-3	0.002	ug/mL
Vanadium	7440-62-2	0.001	ug/mL
Titanium	7440-32-6	0.001	ug/mL
Tin	7440-31-5	0.002	ug/mL
Thallium	7440-28-0	0.001	ug/mL
Strontium	7440-24-6	0.001	ug/mL
Lithium	7439-93-2	0.002	ug/mL
Silver	7440-22-4	0.0002	ug/mL
Magnesium	7439-95-4	0.01	ug/mL
Selenium	7782-49-2	0.002	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ11710

Potassium	7440-09-7	0.01	ug/mL
Phosphorus	7723-14-0	0.001	ug/mL
Nickel	7440-02-0	0.002	ug/mL
Molybdenum	7439-98-7	0.002	ug/mL
Zinc	7440-66-6	0.001	ug/mL
Sodium	7440-23-5	0.01	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MJ11709	ICP STD 6	10/17/2011	Andy P. Smith	11/06/2011	10/17/2011 11:37 by APS	0.1

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ11711

Description:	ICP STD 2	Expires:	11/06/2011
Standard Type:	Calibration Standard	Prepared:	10/17/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	10/17/2011 11:42 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.005	ug/mL
Antimony	7440-36-0	0.01	ug/mL
Arsenic	7440-38-2	0.005	ug/mL
Barium	7440-39-3	0.005	ug/mL
Beryllium	7440-41-7	0.005	ug/mL
Boron	7440-42-8	0.005	ug/mL
Cadmium	7440-43-9	0.0025	ug/mL
Calcium	7440-70-2	0.05	ug/mL
Chromium	7440-47-3	0.005	ug/mL
Cobalt	7440-48-4	0.005	ug/mL
Copper	7440-50-8	0.005	ug/mL
Gallium	7440-55-3	0.005	ug/mL
Iron	7439-89-6	0.005	ug/mL
Lead	7439-92-1	0.01	ug/mL
Aluminum	7429-90-5	0.025	ug/mL
Silicon	7440-21-3	0.01	ug/mL
Vanadium	7440-62-2	0.005	ug/mL
Titanium	7440-32-6	0.005	ug/mL
Tin	7440-31-5	0.01	ug/mL
Thallium	7440-28-0	0.005	ug/mL
Strontium	7440-24-6	0.005	ug/mL
Lithium	7439-93-2	0.01	ug/mL
Silver	7440-22-4	0.001	ug/mL
Magnesium	7439-95-4	0.05	ug/mL
Selenium	7782-49-2	0.01	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ11711

Potassium	7440-09-7	0.05	ug/mL
Phosphorus	7723-14-0	0.005	ug/mL
Nickel	7440-02-0	0.01	ug/mL
Molybdenum	7439-98-7	0.01	ug/mL
Zinc	7440-66-6	0.005	ug/mL
Sodium	7440-23-5	0.05	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MJ11709	ICP STD 6	10/17/2011	Andy P. Smith	11/06/2011	10/17/2011 11:37 by APS	0.5

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ11712

Description:	ICP STD 3	Expires:	11/06/2011
Standard Type:	Calibration Standard	Prepared:	10/17/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	1000	Department:	Metals
Vials:	1	Last Edit:	10/17/2011 11:43 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.02	ug/mL
Antimony	7440-36-0	0.04	ug/mL
Arsenic	7440-38-2	0.02	ug/mL
Barium	7440-39-3	0.02	ug/mL
Beryllium	7440-41-7	0.02	ug/mL
Boron	7440-42-8	0.02	ug/mL
Cadmium	7440-43-9	0.01	ug/mL
Calcium	7440-70-2	0.2	ug/mL
Chromium	7440-47-3	0.02	ug/mL
Cobalt	7440-48-4	0.02	ug/mL
Copper	7440-50-8	0.02	ug/mL
Gallium	7440-55-3	0.02	ug/mL
Iron	7439-89-6	0.02	ug/mL
Lead	7439-92-1	0.04	ug/mL
Aluminum	7429-90-5	0.1	ug/mL
Silicon	7440-21-3	0.04	ug/mL
Vanadium	7440-62-2	0.02	ug/mL
Titanium	7440-32-6	0.02	ug/mL
Tin	7440-31-5	0.04	ug/mL
Thallium	7440-28-0	0.02	ug/mL
Strontium	7440-24-6	0.02	ug/mL
Lithium	7439-93-2	0.04	ug/mL
Silver	7440-22-4	0.004	ug/mL
Magnesium	7439-95-4	0.2	ug/mL
Selenium	7782-49-2	0.04	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ11712

Potassium	7440-09-7	0.2	ug/mL
Phosphorus	7723-14-0	0.02	ug/mL
Nickel	7440-02-0	0.04	ug/mL
Molybdenum	7439-98-7	0.04	ug/mL
Zinc	7440-66-6	0.02	ug/mL
Sodium	7440-23-5	0.2	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MF00301	ICP CAL STD SOLN A	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:31 by APS	0.1
MF00302	ICP CAL STD SOLN B	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:34 by APS	0.1

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ11713

Description:	ICP STD 4	Expires:	11/06/2011
Standard Type:	Calibration Standard	Prepared:	10/17/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	10/17/2011 11:45 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.1	ug/mL
Antimony	7440-36-0	0.2	ug/mL
Arsenic	7440-38-2	0.1	ug/mL
Barium	7440-39-3	0.1	ug/mL
Beryllium	7440-41-7	0.1	ug/mL
Boron	7440-42-8	0.1	ug/mL
Cadmium	7440-43-9	0.05	ug/mL
Calcium	7440-70-2	1	ug/mL
Chromium	7440-47-3	0.1	ug/mL
Cobalt	7440-48-4	0.1	ug/mL
Copper	7440-50-8	0.1	ug/mL
Gallium	7440-55-3	0.1	ug/mL
Iron	7439-89-6	0.1	ug/mL
Lead	7439-92-1	0.2	ug/mL
Aluminum	7429-90-5	0.5	ug/mL
Silicon	7440-21-3	0.2	ug/mL
Vanadium	7440-62-2	0.1	ug/mL
Titanium	7440-32-6	0.1	ug/mL
Tin	7440-31-5	0.2	ug/mL
Thallium	7440-28-0	0.1	ug/mL
Strontium	7440-24-6	0.1	ug/mL
Lithium	7439-93-2	0.2	ug/mL
Silver	7440-22-4	0.02	ug/mL
Magnesium	7439-95-4	1	ug/mL
Selenium	7782-49-2	0.2	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ11713

Potassium	7440-09-7	1	ug/mL
Phosphorus	7723-14-0	0.1	ug/mL
Nickel	7440-02-0	0.2	ug/mL
Molybdenum	7439-98-7	0.2	ug/mL
Zinc	7440-66-6	0.1	ug/mL
Sodium	7440-23-5	1	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MF00301	ICP CAL STD SOLN A	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:31 by APS	0.1
MF00302	ICP CAL STD SOLN B	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:34 by APS	0.1

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ11714

Description:	ICP STD 5	Expires:	11/06/2011
Standard Type:	Calibration Standard	Prepared:	10/17/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	1000	Department:	Metals
Vials:	1	Last Edit:	10/17/2011 11:48 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.5	ug/mL
Antimony	7440-36-0	1	ug/mL
Arsenic	7440-38-2	0.5	ug/mL
Barium	7440-39-3	0.5	ug/mL
Beryllium	7440-41-7	0.5	ug/mL
Boron	7440-42-8	0.5	ug/mL
Cadmium	7440-43-9	0.25	ug/mL
Calcium	7440-70-2	5	ug/mL
Chromium	7440-47-3	0.5	ug/mL
Cobalt	7440-48-4	0.5	ug/mL
Copper	7440-50-8	0.5	ug/mL
Gallium	7440-55-3	0.5	ug/mL
Iron	7439-89-6	0.5	ug/mL
Lead	7439-92-1	1	ug/mL
Aluminum	7429-90-5	2.5	ug/mL
Silicon	7440-21-3	1	ug/mL
Vanadium	7440-62-2	0.5	ug/mL
Titanium	7440-32-6	0.5	ug/mL
Tin	7440-31-5	1	ug/mL
Thallium	7440-28-0	0.5	ug/mL
Strontium	7440-24-6	0.5	ug/mL
Lithium	7439-93-2	1	ug/mL
Silver	7440-22-4	0.1	ug/mL
Magnesium	7439-95-4	5	ug/mL
Selenium	7782-49-2	1	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ11714

Potassium	7440-09-7	5	ug/mL
Phosphorus	7723-14-0	0.5	ug/mL
Nickel	7440-02-0	1	ug/mL
Molybdenum	7439-98-7	1	ug/mL
Zinc	7440-66-6	0.5	ug/mL
Sodium	7440-23-5	5	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MF00301	ICP CAL STD SOLN A	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:31 by APS	2.5
MF00302	ICP CAL STD SOLN B	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:34 by APS	2.5

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ11715

Description:	ICP STD 7	Expires:	11/06/2011
Standard Type:	Calibration Standard	Prepared:	10/17/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	10/17/2011 11:50 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	10	ug/mL
Antimony	7440-36-0	20	ug/mL
Arsenic	7440-38-2	10	ug/mL
Barium	7440-39-3	10	ug/mL
Beryllium	7440-41-7	10	ug/mL
Boron	7440-42-8	10	ug/mL
Cadmium	7440-43-9	5	ug/mL
Calcium	7440-70-2	100	ug/mL
Chromium	7440-47-3	10	ug/mL
Cobalt	7440-48-4	10	ug/mL
Copper	7440-50-8	10	ug/mL
Gallium	7440-55-3	10	ug/mL
Iron	7439-89-6	10	ug/mL
Lead	7439-92-1	20	ug/mL
Aluminum	7429-90-5	50	ug/mL
Silicon	7440-21-3	20	ug/mL
Vanadium	7440-62-2	10	ug/mL
Titanium	7440-32-6	10	ug/mL
Tin	7440-31-5	20	ug/mL
Thallium	7440-28-0	10	ug/mL
Strontium	7440-24-6	10	ug/mL
Lithium	7439-93-2	20	ug/mL
Silver	7440-22-4	2	ug/mL
Magnesium	7439-95-4	100	ug/mL
Selenium	7782-49-2	20	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ11715

Potassium	7440-09-7	100	ug/mL
Phosphorus	7723-14-0	10	ug/mL
Nickel	7440-02-0	20	ug/mL
Molybdenum	7439-98-7	20	ug/mL
Zinc	7440-66-6	10	ug/mL
Sodium	7440-23-5	100	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MF00301	ICP CAL STD SOLN A	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:31 by APS	10
MF00302	ICP CAL STD SOLN B	06/03/2010	Andy P. Smith	11/06/2011	06/03/2010 10:34 by APS	10

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ11716

Description:	ICP IFB	Expires:	11/06/2011
Standard Type:	Calibration Standard	Prepared:	10/17/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	50	Department:	Metals
Vials:	1	Last Edit:	10/17/2011 11:55 by APS
Vendor:	Microbac	Lot No.:	-

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	10	ug/mL
Antimony	7440-36-0	1	ug/mL
Arsenic	7440-38-2	0.5	ug/mL
Barium	7440-39-3	0.5	ug/mL
Beryllium	7440-41-7	0.5	ug/mL
Boron	7440-42-8	0.5	ug/mL
Cadmium	7440-43-9	10	ug/mL
Calcium	7440-70-2	100	ug/mL
Chromium	7440-47-3	10	ug/mL
Cobalt	7440-48-4	0.5	ug/mL
Copper	7440-50-8	10	ug/mL
Gallium	7440-55-3	0.5	ug/mL
Iron	7439-89-6	100	ug/mL
Lead	7439-92-1	1	ug/mL
Aluminum	7429-90-5	100	ug/mL
Silicon	7440-21-3	1	ug/mL
Vanadium	7440-62-2	10	ug/mL
Titanium	7440-32-6	10	ug/mL
Tin	7440-31-5	1	ug/mL
Thallium	7440-28-0	0.5	ug/mL
Strontium	7440-24-6	0.5	ug/mL
Lithium	7439-93-2	1	ug/mL
Silver	7440-22-4	0.1	ug/mL
Magnesium	7439-95-4	100	ug/mL
Selenium	7782-49-2	1	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ11716

Potassium	7440-09-7	5	ug/mL
Phosphorus	7723-14-0	0.5	ug/mL
Nickel	7440-02-0	10	ug/mL
Molybdenum	7439-98-7	10	ug/mL
Zinc	7440-66-6	10	ug/mL
Sodium	7440-23-5	100	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
ME01006	ICP ICSA SOLUTION A	05/10/2010	Andy P. Smith	10/29/2011	05/10/2010 12:56 by APS	0.5
ME01007	ICP ICSA SOLUTION B	05/10/2010	Andy P. Smith	10/29/2011	05/10/2010 12:59 by APS	0.5
MJ11714	ICP STD 5	10/17/2011	Andy P. Smith	11/06/2011	10/17/2011 11:48 by APS	50

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ11815

Description:	ICP ICV1	Expires:	11/17/2011
Standard Type:	Calibration Standard	Prepared:	10/18/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	50	Department:	Metals
Vials:	1	Last Edit:	10/18/2011 10:41 by APS
Vendor:	Microbac	Lot No.:	NA

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Calcium	7440-70-2	10	ug/mL
Magnesium	7439-95-4	10	ug/mL
Lithium	7439-93-2	1	ug/mL
Lead	7439-92-1	1	ug/mL
Iron	7439-89-6	5	ug/mL
Gallium	7440-55-3	1	ug/mL
Copper	7440-50-8	1	ug/mL
Aluminum	7429-90-5	5	ug/mL
Chromium	7440-47-3	1	ug/mL
Nickel	7440-02-0	1	ug/mL
Cadmium	7440-43-9	1	ug/mL
Boron	7440-42-8	1	ug/mL
Bismuth	NA	1	ug/mL
Beryllium	7440-41-7	1	ug/mL
Barium	7440-39-3	1	ug/mL
Arsenic	7440-38-2	1	ug/mL
Antimony	7440-36-0	1	ug/mL
Cobalt	7440-48-4	1	ug/mL
Silicon	7440-21-3	1	ug/mL
Vanadium	7440-62-2	1	ug/mL
Uranium	7440-61-1	1	ug/mL
Titanium	7440-32-6	1	ug/mL
Tin	7440-31-5	1	ug/mL
Thorium	7440-29-1	1	ug/mL
Thallium	7440-28-0	1	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ11815

Strontium	7440-24-6	1	ug/mL
Manganese	7439-96-5	1	ug/mL
Silver	7440-22-4	0.5	ug/mL
Molybdenum	7439-98-7	1	ug/mL
Selenium	7782-49-2	1	ug/mL
Potassium	7440-09-7	10	ug/mL
Phosphorus	7723-14-0	1	ug/mL
Nickel_62	7440-02-0	1	ug/mL
Nickel_60	7440-02-0	1	ug/mL
Nickel_58	7440-02-0	1	ug/mL
Zinc	7440-66-6	1	ug/mL
Sodium	7440-23-5	10	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MD11507	ICP-ICP/MS Solution A LCS Spike	03/24/2011	Andy P. Smith	03/22/2012	04/18/2011 17:15 by PBK	0.5
MD11509	ICP-ICP/MS Solution B LCS Spike	03/24/2011	Andy P. Smith	03/22/2012	04/15/2011 09:08 by APS	0.5

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ12025

Description:	ICP IFA	Expires:	10/29/2011
Standard Type:	Calibration Standard	Prepared:	10/20/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	50	Department:	Metals
Vials:	1	Last Edit:	10/20/2011 13:28 by APS
Vendor:	Microbac	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Zinc	7440-66-6	9.5	ug/mL
Vanadium	7440-62-2	9.5	ug/mL
Titanium	7440-32-6	9.5	ug/mL
Sodium	7440-23-5	95	ug/mL
Nickel	7440-02-0	9	ug/mL
Molybdenum	7439-98-7	9	ug/mL
Manganese	7439-96-5	9.5	ug/mL
Magnesium	7439-95-4	95	ug/mL
Iron	7439-89-6	99.5	ug/mL
Copper	7440-50-8	9.5	ug/mL
Chromium	7440-47-3	9.5	ug/mL
Calcium	7440-70-2	95	ug/mL
Cadmium	7440-43-9	9.75	ug/mL
Aluminum	7429-90-5	97.5	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
ME01006	ICP ICSA SOLUTION A	05/10/2010	Andy P. Smith	10/29/2011	05/10/2010 12:56 by APS	0.5
ME01007	ICP ICSA SOLUTION B	05/10/2010	Andy P. Smith	10/29/2011	05/10/2010 12:59 by APS	0.5

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ12028

Description:	ICP STD 6	Expires:	11/20/2011
Standard Type:	Calibration Standard	Prepared:	10/20/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	10/20/2011 15:49 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	2	ug/mL
Antimony	7440-36-0	4	ug/mL
Arsenic	7440-38-2	2	ug/mL
Barium	7440-39-3	2	ug/mL
Beryllium	7440-41-7	2	ug/mL
Boron	7440-42-8	2	ug/mL
Cadmium	7440-43-9	1	ug/mL
Calcium	7440-70-2	20	ug/mL
Chromium	7440-47-3	2	ug/mL
Cobalt	7440-48-4	2	ug/mL
Copper	7440-50-8	2	ug/mL
Gallium	7440-55-3	2	ug/mL
Iron	7439-89-6	2	ug/mL
Lead	7439-92-1	4	ug/mL
Aluminum	7429-90-5	10	ug/mL
Silicon	7440-21-3	4	ug/mL
Vanadium	7440-62-2	2	ug/mL
Titanium	7440-32-6	2	ug/mL
Tin	7440-31-5	4	ug/mL
Thallium	7440-28-0	2	ug/mL
Strontium	7440-24-6	2	ug/mL
Lithium	7439-93-2	4	ug/mL
Silver	7440-22-4	0.4	ug/mL
Magnesium	7439-95-4	20	ug/mL
Selenium	7782-49-2	4	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ12028

Potassium	7440-09-7	20	ug/mL
Phosphorus	7723-14-0	2	ug/mL
Nickel	7440-02-0	4	ug/mL
Molybdenum	7439-98-7	4	ug/mL
Zinc	7440-66-6	2	ug/mL
Sodium	7440-23-5	20	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MJ11718	ICP CAL STD SOLN A	10/17/2011	Andy P. Smith	03/27/2013	10/17/2011 12:43 by APS	2
MJ11719	ICP CAL STD SOLN B	10/17/2011	Andy P. Smith	03/27/2013	10/17/2011 12:45 by APS	2

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ12029

Description:	ICP STD 1	Expires:	11/20/2011
Standard Type:	Calibration Standard	Prepared:	10/20/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	10/20/2011 15:50 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.001	ug/mL
Antimony	7440-36-0	0.002	ug/mL
Arsenic	7440-38-2	0.001	ug/mL
Barium	7440-39-3	0.001	ug/mL
Beryllium	7440-41-7	0.001	ug/mL
Boron	7440-42-8	0.001	ug/mL
Cadmium	7440-43-9	0.0005	ug/mL
Calcium	7440-70-2	0.01	ug/mL
Chromium	7440-47-3	0.001	ug/mL
Cobalt	7440-48-4	0.001	ug/mL
Copper	7440-50-8	0.001	ug/mL
Gallium	7440-55-3	0.001	ug/mL
Iron	7439-89-6	0.001	ug/mL
Lead	7439-92-1	0.002	ug/mL
Aluminum	7429-90-5	0.005	ug/mL
Silicon	7440-21-3	0.002	ug/mL
Vanadium	7440-62-2	0.001	ug/mL
Titanium	7440-32-6	0.001	ug/mL
Tin	7440-31-5	0.002	ug/mL
Thallium	7440-28-0	0.001	ug/mL
Strontium	7440-24-6	0.001	ug/mL
Lithium	7439-93-2	0.002	ug/mL
Silver	7440-22-4	0.0002	ug/mL
Magnesium	7439-95-4	0.01	ug/mL
Selenium	7782-49-2	0.002	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ12029

Potassium	7440-09-7	0.01	ug/mL
Phosphorus	7723-14-0	0.001	ug/mL
Nickel	7440-02-0	0.002	ug/mL
Molybdenum	7439-98-7	0.002	ug/mL
Zinc	7440-66-6	0.001	ug/mL
Sodium	7440-23-5	0.01	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MJ12028	ICP STD 6	10/20/2011	Andy P. Smith	11/20/2011	10/20/2011 15:49 by APS	0.1

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ12030

Description:	ICP STD 2	Expires:	11/20/2011
Standard Type:	Calibration Standard	Prepared:	10/20/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	10/20/2011 15:51 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.005	ug/mL
Antimony	7440-36-0	0.01	ug/mL
Arsenic	7440-38-2	0.005	ug/mL
Barium	7440-39-3	0.005	ug/mL
Beryllium	7440-41-7	0.005	ug/mL
Boron	7440-42-8	0.005	ug/mL
Cadmium	7440-43-9	0.0025	ug/mL
Calcium	7440-70-2	0.05	ug/mL
Chromium	7440-47-3	0.005	ug/mL
Cobalt	7440-48-4	0.005	ug/mL
Copper	7440-50-8	0.005	ug/mL
Gallium	7440-55-3	0.005	ug/mL
Iron	7439-89-6	0.005	ug/mL
Lead	7439-92-1	0.01	ug/mL
Aluminum	7429-90-5	0.025	ug/mL
Silicon	7440-21-3	0.01	ug/mL
Vanadium	7440-62-2	0.005	ug/mL
Titanium	7440-32-6	0.005	ug/mL
Tin	7440-31-5	0.01	ug/mL
Thallium	7440-28-0	0.005	ug/mL
Strontium	7440-24-6	0.005	ug/mL
Lithium	7439-93-2	0.01	ug/mL
Silver	7440-22-4	0.001	ug/mL
Magnesium	7439-95-4	0.05	ug/mL
Selenium	7782-49-2	0.01	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ12030

Potassium	7440-09-7	0.05	ug/mL
Phosphorus	7723-14-0	0.005	ug/mL
Nickel	7440-02-0	0.01	ug/mL
Molybdenum	7439-98-7	0.01	ug/mL
Zinc	7440-66-6	0.005	ug/mL
Sodium	7440-23-5	0.05	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MJ12028	ICP STD 6	10/20/2011	Andy P. Smith	11/20/2011	10/20/2011 15:49 by APS	0.5

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ12031

Description:	ICP STD 3	Expires:	11/20/2011
Standard Type:	Calibration Standard	Prepared:	10/20/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	1000	Department:	Metals
Vials:	1	Last Edit:	10/20/2011 15:53 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.02	ug/mL
Antimony	7440-36-0	0.04	ug/mL
Arsenic	7440-38-2	0.02	ug/mL
Barium	7440-39-3	0.02	ug/mL
Beryllium	7440-41-7	0.02	ug/mL
Boron	7440-42-8	0.02	ug/mL
Cadmium	7440-43-9	0.01	ug/mL
Calcium	7440-70-2	0.2	ug/mL
Chromium	7440-47-3	0.02	ug/mL
Cobalt	7440-48-4	0.02	ug/mL
Copper	7440-50-8	0.02	ug/mL
Gallium	7440-55-3	0.02	ug/mL
Iron	7439-89-6	0.02	ug/mL
Lead	7439-92-1	0.04	ug/mL
Aluminum	7429-90-5	0.1	ug/mL
Silicon	7440-21-3	0.04	ug/mL
Vanadium	7440-62-2	0.02	ug/mL
Titanium	7440-32-6	0.02	ug/mL
Tin	7440-31-5	0.04	ug/mL
Thallium	7440-28-0	0.02	ug/mL
Strontium	7440-24-6	0.02	ug/mL
Lithium	7439-93-2	0.04	ug/mL
Silver	7440-22-4	0.004	ug/mL
Magnesium	7439-95-4	0.2	ug/mL
Selenium	7782-49-2	0.04	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ12031

Potassium	7440-09-7	0.2	ug/mL
Phosphorus	7723-14-0	0.02	ug/mL
Nickel	7440-02-0	0.04	ug/mL
Molybdenum	7439-98-7	0.04	ug/mL
Zinc	7440-66-6	0.02	ug/mL
Sodium	7440-23-5	0.2	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MJ11718	ICP CAL STD SOLN A	10/17/2011	Andy P. Smith	03/27/2013	10/17/2011 12:43 by APS	0.1
MJ11719	ICP CAL STD SOLN B	10/17/2011	Andy P. Smith	03/27/2013	10/17/2011 12:45 by APS	0.1

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ12032

Description:	ICP STD 4	Expires:	11/20/2011
Standard Type:	Calibration Standard	Prepared:	10/20/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	10/20/2011 15:55 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.1	ug/mL
Antimony	7440-36-0	0.2	ug/mL
Arsenic	7440-38-2	0.1	ug/mL
Barium	7440-39-3	0.1	ug/mL
Beryllium	7440-41-7	0.1	ug/mL
Boron	7440-42-8	0.1	ug/mL
Cadmium	7440-43-9	0.05	ug/mL
Calcium	7440-70-2	1	ug/mL
Chromium	7440-47-3	0.1	ug/mL
Cobalt	7440-48-4	0.1	ug/mL
Copper	7440-50-8	0.1	ug/mL
Gallium	7440-55-3	0.1	ug/mL
Iron	7439-89-6	0.1	ug/mL
Lead	7439-92-1	0.2	ug/mL
Aluminum	7429-90-5	0.5	ug/mL
Silicon	7440-21-3	0.2	ug/mL
Vanadium	7440-62-2	0.1	ug/mL
Titanium	7440-32-6	0.1	ug/mL
Tin	7440-31-5	0.2	ug/mL
Thallium	7440-28-0	0.1	ug/mL
Strontium	7440-24-6	0.1	ug/mL
Lithium	7439-93-2	0.2	ug/mL
Silver	7440-22-4	0.02	ug/mL
Magnesium	7439-95-4	1	ug/mL
Selenium	7782-49-2	0.2	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ12032

Potassium	7440-09-7	1	ug/mL
Phosphorus	7723-14-0	0.1	ug/mL
Nickel	7440-02-0	0.2	ug/mL
Molybdenum	7439-98-7	0.2	ug/mL
Zinc	7440-66-6	0.1	ug/mL
Sodium	7440-23-5	1	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MJ11718	ICP CAL STD SOLN A	10/17/2011	Andy P. Smith	03/27/2013	10/17/2011 12:43 by APS	0.1
MJ11719	ICP CAL STD SOLN B	10/17/2011	Andy P. Smith	03/27/2013	10/17/2011 12:45 by APS	0.1

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ12033

Description:	ICP STD 5	Expires:	11/20/2011
Standard Type:	Calibration Standard	Prepared:	10/20/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	1000	Department:	Metals
Vials:	1	Last Edit:	10/20/2011 15:58 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	0.5	ug/mL
Antimony	7440-36-0	1	ug/mL
Arsenic	7440-38-2	0.5	ug/mL
Barium	7440-39-3	0.5	ug/mL
Beryllium	7440-41-7	0.5	ug/mL
Boron	7440-42-8	0.5	ug/mL
Cadmium	7440-43-9	0.25	ug/mL
Calcium	7440-70-2	5	ug/mL
Chromium	7440-47-3	0.5	ug/mL
Cobalt	7440-48-4	0.5	ug/mL
Copper	7440-50-8	0.5	ug/mL
Gallium	7440-55-3	0.5	ug/mL
Iron	7439-89-6	0.5	ug/mL
Lead	7439-92-1	1	ug/mL
Aluminum	7429-90-5	2.5	ug/mL
Silicon	7440-21-3	1	ug/mL
Vanadium	7440-62-2	0.5	ug/mL
Titanium	7440-32-6	0.5	ug/mL
Tin	7440-31-5	1	ug/mL
Thallium	7440-28-0	0.5	ug/mL
Strontium	7440-24-6	0.5	ug/mL
Lithium	7439-93-2	1	ug/mL
Silver	7440-22-4	0.1	ug/mL
Magnesium	7439-95-4	5	ug/mL
Selenium	7782-49-2	1	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ12033

Potassium	7440-09-7	5	ug/mL
Phosphorus	7723-14-0	0.5	ug/mL
Nickel	7440-02-0	1	ug/mL
Molybdenum	7439-98-7	1	ug/mL
Zinc	7440-66-6	0.5	ug/mL
Sodium	7440-23-5	5	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MJ11718	ICP CAL STD SOLN A	10/17/2011	Andy P. Smith	03/27/2013	10/17/2011 12:43 by APS	2.5
MJ11719	ICP CAL STD SOLN B	10/17/2011	Andy P. Smith	03/27/2013	10/17/2011 12:45 by APS	2.5

Reviewed By Date

Analytical Standard Record
Microbac Laboratories, Inc., Baltimore Division
MJ12034

Description:	ICP STD 7	Expires:	11/20/2011
Standard Type:	Calibration Standard	Prepared:	10/20/2011
Solvent:	-	Prepared By:	Andy P. Smith
Final Volume (mls):	200	Department:	Metals
Vials:	1	Last Edit:	10/20/2011 15:59 by APS
Vendor:	-	Lot No.:	-

5% HNO3 & 2% HCl

Analyte	CAS Number	Concentration	Units
Manganese	7439-96-5	10	ug/mL
Antimony	7440-36-0	20	ug/mL
Arsenic	7440-38-2	10	ug/mL
Barium	7440-39-3	10	ug/mL
Beryllium	7440-41-7	10	ug/mL
Boron	7440-42-8	10	ug/mL
Cadmium	7440-43-9	5	ug/mL
Calcium	7440-70-2	100	ug/mL
Chromium	7440-47-3	10	ug/mL
Cobalt	7440-48-4	10	ug/mL
Copper	7440-50-8	10	ug/mL
Gallium	7440-55-3	10	ug/mL
Iron	7439-89-6	10	ug/mL
Lead	7439-92-1	20	ug/mL
Aluminum	7429-90-5	50	ug/mL
Silicon	7440-21-3	20	ug/mL
Vanadium	7440-62-2	10	ug/mL
Titanium	7440-32-6	10	ug/mL
Tin	7440-31-5	20	ug/mL
Thallium	7440-28-0	10	ug/mL
Strontium	7440-24-6	10	ug/mL
Lithium	7439-93-2	20	ug/mL
Silver	7440-22-4	2	ug/mL
Magnesium	7439-95-4	100	ug/mL
Selenium	7782-49-2	20	ug/mL

Reviewed By Date

Analytical Standard Record

Microbac Laboratories, Inc., Baltimore Division

MJ12034

Potassium	7440-09-7	100	ug/mL
Phosphorus	7723-14-0	10	ug/mL
Nickel	7440-02-0	20	ug/mL
Molybdenum	7439-98-7	20	ug/mL
Zinc	7440-66-6	10	ug/mL
Sodium	7440-23-5	100	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
MJ11718	ICP CAL STD SOLN A	10/17/2011	Andy P. Smith	03/27/2013	10/17/2011 12:43 by APS	10
MJ11719	ICP CAL STD SOLN B	10/17/2011	Andy P. Smith	03/27/2013	10/17/2011 12:45 by APS	10

Reviewed By Date

ML00205

G F S CHEMICALS, INC.
Columbus, Ohio 43222

LOT ANALYSIS

ITEM: 8014 AMCO CLEAR TURBIDITY STANDARD, 10 NTU **LOT#: C037441**

TEST	PASS/ FAIL	NUMERICAL RESULT
1. Turbidity 10 NTU +/- 0.1	PASS	10 NTU
2. NIST Traceable (particle size)	PASS	SRM 1963
3. NIST Traceable (particle concentrat'n/distribut'n)	PASS	SRM 2031
4. O.D. at 455 nm (100 mm pathlength) 0.116-0.124	PASS	0.120
5. Traceable to fresh formazin dilution value	PASS	Conforms
6. Expiration date (1 year from ship date)	PASS	See label

TRACEABLE TO N.I.S.T. (Y/N)? Y
Comment:

Reported by: Renita Smith C/A Print Date: 11/15/10

QC Supervisor: Joshua Crow Quality Assured to Retest Point: 12 months from shipment

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice (cGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211. Consult warranty limitations at www.gfschemicals.com/statics/documents/aboutus/termsandconditions.html For resale by GFS authorized distributors only.

Sequence:

Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 10/28/2011 11:00 1144204

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
1144204-BLK1	Blank	1	1		|	
1144204-BS1	LCS	1	1		|	
1144204-DUP1	Duplicate [11J0716-01]	1	1		|	
11J0716-01	Site 6 - Lodge	1	1	11/03/20		
11J0716-02	Site 7 - Firehouse	1	1	11/03/20		
11J0716-03	Site 8 - USUHS	1	1	11/03/20		
11J1364-01	Site S3	1	1	10/31/20		NEED ASAP, LET PM KNOW WHEN REVIEWED
11J1365-01	Site S4	1	1	10/31/20		NEED ASAP, LET PM KNOW WHEN REVIEWED
11J1391-01	RW11-PZM004	1	1	11/18/20		
11J1391-02	RW13-PZM020	1	1	11/18/20		
11J1391-03	RW12-PZM004	1	1	11/18/20		

Standard(s):		Expiration
ML00205	Turbidity Std 10.0	11/30/2011 00:00

Reagent ID#	Description	Expiration

Printed: 10/28/2011 12:57:25PM

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04/2010
Page: 1 of 2

Date: 10/28/11 @ Time: 1100 Analyst: BMC

40 NTU Standard	Chemical #: MF13004	Expiration Date:	6/30/12
10 NTU Calibration Standard	Chemical #: ML00205	Expiration Date:	11/30/11
1.0 NTU Standard	Chemical #: ML00206	Expiration Date:	11/1/11
0.2 NTU Standard	Chemical #: MF13005	Expiration Date:	6/30/12
1000 NTU Standard	Chemical #: N/A	Expiration Date:	—

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00	0.00	
10 Cal. Check (ICV)	10.33	10.33	
40 NTU	40.0	40.0	
1 NTU	1.05	1.05	
0.2 NTU	0.19	0.19	
1000 NTU	—	—	
1150716-01	0.04	0.04	
Dup	0.03	0.03	
-02	0.06	0.06	
-03	0.02	0.02	
1151364-01	10.58	105.8	X10
1171305-01	4.67	4.67	
1151399-01	3.74	3.74	
-03	13.38	13.38	
-02	15.13	151.3	X10
CCB	0.00	0.00	
CCV (10 NTU)	10.12	10.12	
DUP			
CCB			
CCV (10 NTU)			

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 10/28/2011 16:00 1144233

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1	2	Comments
1144233-BLK1	Blank	1	1				
1144233-BS1	LCS	1	1		1		
1144233-DUP1	Duplicate [11J1391-04]	1	1				
11J1391-04	RW14-PZM020	1	1	11/18/20			
11J1391-05	RW05-PZM001	1	1	11/18/20			
11J1391-06	RW04-PZM003	1	1	11/18/20			
11J1391-07	RW01-PZM020	1	1	11/18/20			
11J1391-08	RW03-PZM003	1	1	11/18/20			
11J1391-09	RW02-PZM000	1	1	11/18/20			
11J1391-10	RW02-PZM020	1	1	11/18/20			
11J1391-11	RW17-PZM019	1	1	11/18/20			
11J1391-12	RW16-PZM020	1	1	11/18/20			

Standard(s):		Expiration
ML00205	Turbidity Std 10.0	11/30/2011 00:00

Reagent ID#	Description	Expiration

Turbidity

EPA 180.1

Control #: 434
Effective Date: 10/04/2010
Page: 1 of 2

Date: 10/28/11 Time: 1600 Analyst: BMC

40 NTU Standard	Chemical #: MF13004	Expiration Date:	6/30/12
10 NTU Calibration Standard	Chemical #: ML00205	Expiration Date:	11/30/11
1.0 NTU Standard	Chemical #: ML00206	Expiration Date:	11/1/11
0.2 NTU Standard	Chemical #: MF13005	Expiration Date:	6/30/12
1000 NTU Standard	Chemical #: —	Expiration Date:	—

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00	0.00	
10 Cal. Check (ICV)	10.26	10.26	
40 NTU	40.0	40.0	
1 NTU	1.00	1.00	
0.2 NTU	0.20	0.20	
1000 NTU	—	—	
11J1391-04	2.88	2.88	
Dup	2.86	2.86	
-05	0.38	0.38	
-06	2.72	2.72	
-07	6.04	6.04	
-08	23.1	23.1	
-09	0.31	0.31	
-10	31.1	31.1	
-11	0.88	0.88	
-12	3.86	3.86	
			BMC 10-31-11
CCB	0.00	0.00	
CCV (10 NTU)	10.35	10.35	
			BMC 10-31-11
DUP			
CCB			
CCV (10 NTU)			

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 11/01/2011 11:50 1145026

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1	2	Comments
1145026-BLK1	Blank	1	1				
1145026-BLK2	Blank	1	1				
1145026-BS1	LCS	1	1		1		
1145026-BS2	LCS	1	1		1		
1145026-DUP1	Duplicate [11J1258-21]	1	1				
1145026-DUP2	Duplicate [11J1485-01]	1	1				
11J1258-21	Jacey Winery - 7400262	1	1	11/03/20			
11J1391-04	RW14-PZM020	1	1	11/18/20			
11J1391-05	RW05-PZM001	1	1	11/18/20			
11J1391-06	RW04-PZM003	1	1	11/18/20			
11J1391-07	RW01-PZM020	1	1	11/18/20			
11J1391-08	RW03-PZM003	1	1	11/18/20			
11J1391-09	RW02-PZM000	1	1	11/18/20			
11J1391-10	RW02-PZM020	1	1	11/18/20			
11J1391-11	RW17-PZM019	1	1	11/18/20			
11J1391-12	RW16-PZM020	1	1	11/18/20			
11J1477-01	SD 0001	1	1	11/10/20			
11J1485-01	38850001 00005PJG	1	1	11/07/20			

! /*%d*.1234
MJ11409 Conductivity LCS

Expiration
11/14/2011 00:00

Reagent ID#	Description	Expiration

Conductivity

SM 2510 B/EPA 120.1/SW846 9050

Date/Time: 11/1/11 @ 1150 Analyst: BMC

LCS: 1413 (µmho/cm) Chemical #: MJ11409 Result: $\frac{1419.21 \times 1.00}{1413} \times 100 = 100.4\%$

Sample #	A Reading (µmho)	B Factor	C K Constant	D Final Result (µmho/cm)	Temperature (° C)	Comments
Blank 1	0.661	~~1.00~~ BMC	1.00	0.661	26.0	
LCS 1	1.415	1000		1415	21.3	
11J1258-21	0.860	1000		860	20.1	
dup	0.857	1000		857	20.1	
11J1391-04	3.07	1000		3070	19.9	
-05	1.046	1000		1046	20.2	
-06	0.996	1000		996	20.3	
-07	1.586	1000		1586	20.3	
-08	1.633	1000		1633	21.0	
-09	1.185	1000		1185	20.7	
-10	10.83	1000		10830	20.9	
-11	5.37	1000		5370	19.7	
-12	1.214	1000		1214	20.1	
Blank 2	0.463	—		0.463	25.6	
LCS 2	1.416	1000		1416	21.4	
11J1477-01	0.837	1000		837	20.9	
11J1485-01	1.082	1000		1082	13.6	
dup	1.071	1000		1071	13.6	

Note:
1) Conductivity Meter: YSI Model 32/SN 2027.
2) D = A * B * C

page 2 of 2 review checklist completed in LIMS VLZ 11-1-11

Sequence: | Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 11/01/2011 12:20 1145061

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1	2	Comments
1145061-BLK1	Blank	1	1				
1145061-BLK2	Blank	1	1				
1145061-BS1	LCS	1	1		1		
1145061-BS2	LCS	1	1		1		
1145061-DUP1	Duplicate [11J1391-17]	1	1				
1145061-DUP2	Duplicate [11J1485-01]	1	1				
11J1391-13	RW07-PZM004	1	1	11/18/20			
11J1391-14	RW07-PZM017	1	1	11/18/20			
11J1391-15	RW09-PZM004	1	1	11/18/20			
11J1391-16	RW06-PZM001	1	1	11/18/20			
11J1391-17	RW08-PZM003	1	1	11/18/20			
11J1391-18	RW10-PZM020	1	1	11/18/20			
11J1391-20	RW10-PZM065	1	1	11/18/20			
11J1391-21	RW15-PZM020	1	1	11/18/20			
11J1391-22	TS04-PZM004	1	1	11/18/20			
11J1391-23	RW20-PZM050	1	1	11/18/20			
11J1391-24	RW20-PZM000	1	1	11/18/20			
11J1391-25	RW20-PZM020	1	1	11/18/20			
11J1391-26	RW21-PZM023	1	1	11/18/20			
11J1477-01	SD 0001	1	1	11/10/20			
11J1485-01	38850001 00005PJG	1	1	11/07/20			
11K0094-01	Site S3	1	1	11/03/20			NEED ASAP, LET PM KNOW WHEN REVIEWED

! /*%d*.1234

		Expiration
ML00205	Turbidity Std 10.0	11/30/2011 00:00

Reagent ID#	Description	Expiration

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04/2010
Page: 1 of 2

Date: 11/1/11 Time: 1220 Analyst: BMC 1145061

40 NTU Standard	Chemical #: MF13004	Expiration Date:	6/30/12
10 NTU Calibration Standard	Chemical #: ML00205	Expiration Date:	11/30/11
1.0 NTU Standard	Chemical #: ML00206	Expiration Date:	11/1/11
0.2 NTU Standard	Chemical #: MF13005	Expiration Date:	6/30/12
1000 NTU Standard	Chemical #: —	Expiration Date:	—

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00	0.00	
10 Cal. Check (ICV)	10.46	10.46	
40 NTU	39.9	39.9	
1 NTU	1.06	1.06	
0.2 NTU	0.20	0.20	
1000 NTU	—	—	
1151391-17	5.24	5.24	
Dup	5.26	5.26	
-13	0.17	0.17	
-14	5.95	5.95	
-15	0.46	0.46	
-16	10.01	10.01	
-18	66.1	66.1	X10
-20	33.8	33.8	
-21	10.14	10.14	X10
-22	12.78	12.78	
-23	0.58	0.58	
CCB	0.00	0.00	
CCV (10 NTU)	10.17	10.17	
1151485-01	0.24	0.24	received past HT
DUP	0.25	0.25	
11K0094-01	20.2	20.2	
1151391-24	0.41	0.41	
-25	24.8	24.8	
-26	5.99	59.9	X10
1151477-01	15.74	15.74	
			VVZ 11-3-11
CCB	0.00	0.00	
CCV (10 NTU)	10.22	10.22	

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

page 2 of 2 review checklist completed in LIMS
VVZ 11-3-11

Sequence:

Calibration:

Microbac Laboratories, Inc., Baltimore Division
PREPARATION BENCH SHEET

Prepared: 11/02/2011 16:45 1145128

Prepared by: BMC

Prepared using: WetChem - WetChem_Prep

Matrix: Water

Sample ID	Sample ID and Source Sample	Smpl Amount mL or g	Final Vol (mL)	Due Date	Spike Amount uL 1	2	Comments
1145128-BLK1	Blank	1	1				
1145128-BS1	LCS	1	1		1		
1145128-DUP1	Duplicate [11J1391-19]	1	1				
11J1391-19	RW10-PZM004	1	1	11/18/20			
11J1391-29	RW18-PZM047	1	1	11/18/20			
11J1391-30	TS04-PZM023	1	1	11/18/20			
11J1391-31	RW19-PZM050	1	1	11/18/20			
11J1391-32	RW19-PZM020	1	1	11/18/20			
11J1391-33	RW19-PZM000	1	1	11/18/20			

! /*%d*.1234		Expiration
ML00205	Turbidity Std 10.0	11/30/2011 00:00

Reagent ID#	Description	Expiration

Turbidity
EPA 180.1

Control #: 434
Effective Date: 10/04/2010
Page: 1 of 2

Date: 11/2/11 Time: 1645 Analyst: BMC 1145128

40 NTU Standard	Chemical #: MF13004	Expiration Date:	6/30/12
10 NTU Calibration Standard	Chemical #: ML00205	Expiration Date:	11/30/11
1.0 NTU Standard	Chemical #: ML00204	Expiration Date:	11/1/11 *
0.2 NTU Standard	Chemical #: MF13005	Expiration Date:	6/30/12
1000 NTU Standard	Chemical #: —	Expiration Date:	—

Sample ID	Meter Reading	Final Concentration (NTU)	Comments
Method Blank (ICB)	0.00	0.00	
10 Cal. Check (ICV)	10.16	10.16	
40 NTU	40.0	40.0	
1 NTU	1.03	1.03	
0.2 NTU	0.19	0.19	
1000 NTU	—	—	
1131391-19	30.4	30.4	
Dup	30.8	30.8	
-29 ~~-30~~	16.72	167.2	x10
-31	1.62	1.62	
-32	3.34	3.34	
-33	4.70	4.70	
-30	13.48	134.8	x10
CCB	0.00	0.00	
CCV (10 NTU)	10.05	10.05	
DUP			
CCB			
CCV (10 NTU)			

Notes:
(1) Turbidity Meter: Orbeco-Hellige S/N 5019

* new std ordered but expired still passed

page 2 of 2 review checklist completed in LIMS VVZ 11-3-11

PREPARATION BENCH SHEET

1145200

Sequence: M1K0701/ M1K0709

Calibration:

Prepared: 11/03/2011 15:53
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICP

Printed: 11/4/2011 4:18:05PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
1145200-BLK1		50	50				
1145200-BLK2		50	50				
1145200-BS1		50	50	MD11510		500	
1145200-BS2		50	50	MD11510		500	
1145200-DUP1		50	50		11J1391-17		
1145200-DUP2		50	50		11J1391-32		
1145200-MS1		50	50	MD11510	11J1391-17	500	
1145200-MS2		50	50	MD11510	11J1391-32	500	
1145200-MSD1		50	50	MD11510	11J1391-17	500	
1145200-MSD2		50	50	MD11510	11J1391-32	500	
11J1391-01	11/18/2011 15:00	50	50				
RG Steel, LLC			RW11-PZM004				
M_Cd_ICP	*M_Zn_ICP* 50X						
11J1391-02	11/18/2011 15:00	50	50				
RG Steel, LLC			RW13-PZM020				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-03	11/18/2011 15:00	50	50				
RG Steel, LLC			RW12-PZM004				
M_Cd_ICP	*M_Zn_ICP* 5X						
11J1391-04	11/18/2011 15:00	50	50				
RG Steel, LLC			RW14-PZM020				
M_Cd_ICP	*M_Zn_ICP* 50X						
11J1391-05	11/18/2011 15:00	50	50				
RG Steel, LLC			RW05-PZM001				
M_Zn_ICP	*M_Cd_ICP*						
11J1391-06	11/18/2011 15:00	50	50				
RG Steel, LLC			RW04-PZM003				
M_Zn_ICP 5X	*M_Cd_ICP*						

PREPARATION BENCH SHEET

1145200

Sequence:

Calibration:

Prepared: 11/03/2011 15:53
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICP

Printed: 11/4/2011 4:18:05PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
11J1391-07	11/18/2011 15:00	50	50				
RG Steel, LLC			RW01-PZM020				
M_Cd_ICP	*M_Zn_ICP* 20x						
11J1391-08	11/18/2011 15:00	50	50				
RG Steel, LLC			RW03-PZM003				
M_Cd_ICP	*M_Zn_ICP* 50x						
11J1391-09	11/18/2011 15:00	50	50				
RG Steel, LLC			RW02-PZM000				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-10	11/18/2011 15:00	50	50				
RG Steel, LLC			RW02-PZM020				
M_Zn_ICP 50x	*M_Cd_ICP* 20x						
11J1391-11	11/18/2011 15:00	50	50				
RG Steel, LLC			RW17-PZM019				
M_Cd_ICP	*M_Zn_ICP* 10x						
11J1391-12	11/18/2011 15:00	50	50				
RG Steel, LLC			RW16-PZM020				
M_Cd_ICP	*M_Zn_ICP* 10x						
11J1391-13	11/18/2011 15:00	50	50				
RG Steel, LLC			RW07-PZM004				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-14	11/18/2011 15:00	50	50				
RG Steel, LLC			RW07-PZM017				
M_Cd_ICP	*M_Zn_ICP* 50x						
11J1391-15	11/18/2011 15:00	50	50				
RG Steel, LLC			RW09-PZM004				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-16	11/18/2011 15:00	50	50				
RG Steel, LLC			RW06-PZM001				
M_Zn_ICP 5x	*M_Cd_ICP*						

PREPARATION BENCH SHEET

1145200

Sequence:

Calibration:

Prepared: 11/03/2011 15:53
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICP

Printed: 11/4/2011 4:18:05PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
11J1391-17	11/18/2011 15:00	50	50				
RG Steel, LLC			RW08-PZM003				
M_Cd_ICP	*M_Zn_ICP*		50x Dup 50x PSI 50x				
11J1391-18	11/18/2011 15:00	50	50				
RG Steel, LLC			RW10-PZM020				
M_Cd_ICP	*M_Zn_ICP*		50x				
11J1391-19	11/18/2011 15:00	50	50				
RG Steel, LLC			RW10-PZM004				
M_Cd_ICP	*M_Zn_ICP*		50x				
11J1391-20	11/18/2011 15:00	50	50				
RG Steel, LLC			RW10-PZM065				
M_Zn_ICP	*M_Cd_ICP*		50x				
11J1391-21	11/18/2011 15:00	50	50				
RG Steel, LLC			RW15-PZM020				
M_Cd_ICP	*M_Zn_ICP* 10x						
11J1391-22	11/18/2011 15:00	50	50				
RG Steel, LLC			TS04-PZM004				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-23	11/18/2011 15:00	50	50				
RG Steel, LLC			RW20-PZM050				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-24	11/18/2011 15:00	50	50				
RG Steel, LLC			RW20-PZM000				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-25	11/18/2011 15:00	50	50				
RG Steel, LLC			RW20-PZM020				
M_Zn_ICP 50x	*M_Cd_ICP* straight						
11J1391-26	11/18/2011 15:00	50	50				
RG Steel, LLC			RW21-PZM023				
M_Zn_ICP 5x	*M_Cd_ICP*						

PREPARATION BENCH SHEET

1145200

Sequence:

Calibration:

Prepared: 11/03/2011 15:53
Prepared by: EDP
Matrix: Water

Microbac Laboratories, Inc., Baltimore Division

Prepared using: Metals - EPA 200.2 ICP

Printed: 11/4/2011 4:18:05PM

Lab Number	Due Date	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	Comments
11J1391-27	11/18/2011 15:00	50	50				
RG Steel, LLC			Duplicate				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-28	11/18/2011 15:00	50	50				
RG Steel, LLC			Equipment Blank				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-29	11/18/2011 15:00	50	50				
RG Steel, LLC			RW18-PZM047				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-30	11/18/2011 15:00	50	50				
RG Steel, LLC			TS04-PZM023				
M_Zn_ICP	*M_Cd_ICP*						
11J1391-31	11/18/2011 15:00	50	50				
RG Steel, LLC			RW19-PZM050				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-32	11/18/2011 15:00	50	50				
RG Steel, LLC			RW19-PZM020				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-33	11/18/2011 15:00	50	50				
RG Steel, LLC			RW19-PZM000				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-34	11/18/2011 15:00	50	50				
RG Steel, LLC			Field Blank				
M_Cd_ICP	*M_Zn_ICP*						
11J1391-35	11/18/2011 15:00	50	50				
RG Steel, LLC			Equip Blank				
M_Zn_ICP	*M_Cd_ICP*						

Rev 11/3/11

111103A. All Data Report 11/7/2011, 16:06:17

Blank (Blk) **11/3/2011, 10:18:07 AM** **Rack 2, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.000000	mg/L	2.573	0.8	329.504
Ag 338.289	0.000000	mg/L	0.775	24.6	3.14761
Al 237.312	0.000000	mg/L	8.893	14.2	62.6421
Al 257.509	0.000000	mg/L	8.850	34.2	25.8961
Al 308.215	0.000000	mg/L	13.997	1.9	728.703
As 188.980	0.000000	mg/L	0.314	7.6	4.11308
As 193.696	0.000000	mg/L	1.274	37.8	3.36947
As 228.812	0.000000	mg/L	2.262	35.7	6.34156
B 182.577	0.000000	mg/L	0.286	5.2	5.48017
B 249.678	0.000000	mg/L	2.659	4.2	63.4584
B 249.772	0.000000	mg/L	1.090	0.8	136.059
Ba 233.527	0.000000	mg/L	4.913	3.0	163.416
Ba 455.403	0.000000	mg/L	18.764	0.4	4537.66
Ba 493.408	0.000000	mg/L	14.977	0.6	2662.06
Be 234.861	0.000000	mg/L	0.956	55.4	-1.72498
Be 313.042	0.000000	mg/L	25.267	1.3	2009.74
Be 313.107	0.000000	mg/L	6.984	24.4	28.6685
Ca 393.366	0.000000n	mg/L	128.994	0.4	35184.5
Ca 396.847	0.000000	mg/L	186.331	0.4	48940.8
Ca 430.253	0.000000	mg/L	17.102	2.2	775.414
Cd 214.439	0.000000	mg/L	2.756	39.0	7.07456
Cd 226.502	0.000000	mg/L	1.212	8.3	14.5581
Cd 228.802	0.000000	mg/L	2.192	16.2	13.5535
Co 228.615	0.000000	mg/L	0.368	21.8	1.68644
Co 230.786	0.000000	mg/L	2.329	68.2	3.41350
Co 238.892	0.000000	mg/L	2.351	50.6	4.64837
Cr 205.560	0.000000	mg/L	0.866	57.1	1.51737
Cr 206.158	0.000000	mg/L	0.474	27.3	1.73822
Cr 267.716	0.000000	mg/L	0.793	5.8	13.7051
Cu 213.598	0.000000	mg/L	1.009	41.2	2.44802
Cu 324.754	0.000000	mg/L	5.402	1.1	495.101
Cu 327.395	0.000000	mg/L	3.081	13.0	23.7005
Fe 234.350	0.000000	mg/L	0.829	2.9	28.4173
Fe 238.204	0.000000	mg/L	1.027	3.6	28.2785
Fe 259.940	0.000000	mg/L	2.253	5.7	39.3052
Ga 287.423	0.000000	mg/L	2.253	22.3	10.1155
Ga 294.363	0.000000	mg/L	2.576	28.0	9.19154
Ga 417.204	0.000000	mg/L	7.376	19.2	38.5081
K 766.491	0.000000	mg/L	29.308	1.7	1747.83
K 769.897	0.000000	mg/L	61.149	0.7	8489.32
Li 610.365	0.000000	mg/L	2.317	11.9	-19.4372
Li 670.783	0.000000	mg/L	62.016	0.1	52632.6
Mg 279.078	0.000000	mg/L	4.599	43.5	10.5690
Mg 280.270	0.000000	mg/L	6.742	1.9	354.367
Mg 285.213	0.000000	mg/L	6.130	6.4	96.1668
Mn 257.610	0.000000	mg/L	6.490	147.2	4.40936
Mn 259.372	0.000000	mg/L	5.314	21.0	25.3669
Mn 260.568	0.000000	mg/L	1.830	37.0	4.95122
Mo 202.032	0.000000	mg/L	0.720	5.6	12.7527
Mo 203.846	0.000000	mg/L	1.189	21.3	5.56927

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.000000	mg/L	0.132	3.2	4.06520
Na 568.821	0.000000	mg/L	18.772	17.0	110.731
Na 588.995	0.000000	mg/L	205.425	0.1	138617
Na 589.592	0.000000	mg/L	70.723	0.1	55459.7
Ni 216.555	0.000000	mg/L	1.086	22.0	4.93362
Ni 221.648	0.000000	mg/L	0.854	29.0	2.94561
Ni 231.604	0.000000	mg/L	1.479	19.9	7.43008
P 177.434	0.000000	mg/L	0.186	27.6	0.673709
P 213.618	0.000000	mg/L	0.796	943.9	0.084342
P 214.914	0.000000	mg/L	1.863	95.5	1.95093
Pb 220.353	0.000000	mg/L	0.486	10.3	4.71647
Pb 261.417	0.000000	mg/L	1.590	18.3	8.67069
Pb 405.781	0.000000	mg/L	12.031	12.3	97.6856
Sb 206.834	0.000000	mg/L	0.851	20.3	4.18625
Sb 231.146	0.000000	mg/L	1.590	40.5	3.92615
Sb 259.804	0.000000	mg/L	4.868	41.4	11.7667
Se 196.026	0.000000	mg/L	0.922	17.8	5.16731
Se 203.985	0.000000	mg/L	1.251	44.4	2.81566
Si 250.690	0.000000	mg/L	5.582	4.1	134.519
Si 251.611	0.000000	mg/L	2.293	1.5	151.731
Si 288.158	0.000000	mg/L	9.070	0.6	1440.31
Sn 189.927	0.000000	mg/L	0.117	7.6	1.54837
Sn 283.998	0.000000	mg/L	4.647	52.4	8.87057
Sr 216.596	0.000000	mg/L	1.373	7.4	18.4715
Sr 407.771	0.000000	mg/L	22.011	0.4	5711.13
Sr 421.552	0.000000	mg/L	2.050	0.1	3408.90
Ti 334.941	0.000000	mg/L	10.476	11.7	89.5177
Ti 336.122	0.000000	mg/L	1.444	10.8	13.3392
Ti 337.280	0.000000	mg/L	2.905	36.9	7.86925
Tl 190.794	0.000000	mg/L	0.042	2.2	1.96176
Tl 190.807	0.000000	mg/L	0.313	43.9	0.711517
Tl 351.923	0.000000	mg/L	1.946	74.5	2.61131
V 268.796	0.000000	mg/L	0.703	3.6	19.5080
V 292.401	0.000000	mg/L	3.253	15.3	21.2190
V 311.837	0.000000	mg/L	1.925	20.3	9.50348
Zn 202.548	0.000000	mg/L	3.213	0.6	506.114
Zn 206.200	0.000000	mg/L	2.482	1.5	164.655
Zn 213.857	0.000000	mg/L	5.667	0.5	1037.71

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.06781	8562.51	25.004	0.3
Y 371.029	0.911284	150277	330.932	0.2

Standard 1 (Std) **11/3/2011, 10:22:22 AM** **Rack 2, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.001000	mg/L	4.047	4.3	93.2778
Be 313.042	0.001000	mg/L	4.707	0.1	3478.82
Be 313.107	0.001000	mg/L	5.585	0.7	745.726
Cd 214.439	0.000500	mg/L	1.904	16.1	11.8399
Cd 226.502	0.000500	mg/L	2.346	7.4	31.7695

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 228.802	0.000500	mg/L	1.807	8.6	21.0060
Cr 205.560	0.001000	mg/L	1.584	25.2	6.28788
Cr 206.158	0.001000	mg/L	0.649	18.3	3.54235
Cr 267.716	0.001000	mg/L	2.926	8.5	34.5870
Cu 213.598	0.001000	mg/L	1.660	30.6	5.41821
Cu 324.754	0.001000	mg/L	4.243	0.9	490.851
Cu 327.395	0.001000	mg/L	4.575	7.4	61.8826
K 766.491	0.010000	mg/L	16.213	0.7	2340.97
K 769.897	0.010000	mg/L	48.759	0.5	9001.32
Mg 279.078	0.010000	mg/L	2.165	8.3	26.1123
Mg 280.270	0.010000	mg/L	3.974	0.3	1439.70
Mg 285.213	0.010000	mg/L	1.887	0.4	442.737

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.07711	8637.07	18.851	0.2
Y 371.029	0.917144	151243	222.808	0.1

Standard 2 (Std) **11/3/2011, 11:01:53 AM** **Rack 2, Tube 3**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.001000	mg/L	11.593	3.1	378.730
Ag 338.289	0.001000	mg/L	4.022	59.6	6.74560
Al 237.312	0.025000	mg/L	4.407	4.9	90.0951
Al 257.509	0.025000	mg/L	5.023	12.8	39.2307
Al 308.215	0.025000	mg/L	9.986	1.3	751.643
As 188.980	0.005000	mg/L	1.996	31.4	6.35985
As 193.696	0.005000	mg/L	1.086	29.3	3.70071
As 228.812	0.005000	mg/L	7.817	134.1	5.83072
Ba 233.527	0.005000	mg/L	4.386	1.3	335.917
Ba 455.403	0.005000	mg/L	126.062	1.4	9317.97
Ba 493.408	0.005000	mg/L	73.165	1.3	5487.34
Be 234.861	0.005000	mg/L	5.840	1.2	503.369
Be 313.042	0.005000	mg/L	197.860	2.1	9633.37
Be 313.107	0.005000	mg/L	88.927	2.3	3790.37
Ca 393.366	0.050000n	mg/L	1788.922	1.9	93595.9
Ca 396.847	0.050000	mg/L	2459.737	1.9	129180
Ca 430.253	0.050000	mg/L	8.157	0.9	935.188
Cd 214.439	0.002500	mg/L	0.472	1.1	44.8288
Cd 226.502	0.002500	mg/L	3.534	4.0	88.7750
Cd 228.802	0.002500	mg/L	2.713	5.6	48.6565
Co 228.615	0.005000	mg/L	1.048	2.7	38.6512
Co 230.786	0.005000	mg/L	1.558	4.8	32.6023
Co 238.892	0.005000	mg/L	2.550	8.7	29.4401
Cr 205.560	0.005000	mg/L	0.118	0.6	20.0160
Cr 206.158	0.005000	mg/L	1.323	12.6	10.4634
Cr 267.716	0.005000	mg/L	1.229	1.1	113.156
Cu 213.598	0.005000	mg/L	0.849	6.0	14.1412
Cu 324.754	0.005000	mg/L	8.435	1.4	610.476
Cu 327.395	0.005000	mg/L	7.449	3.1	238.325
Fe 234.350	0.005000	mg/L	5.819	8.6	67.6651
Fe 238.204	0.005000	mg/L	7.939	6.5	122.667

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Fe 259.940	0.005000	mg/L	6.758	5.8	116.825
Ga 287.423	0.005000	mg/L	8.582	49.1	17.4913
Ga 294.363	0.005000	mg/L	2.066	5.4	38.5869
Ga 417.204	0.005000	mg/L	9.623	10.9	88.4287
K 766.491	0.050000	mg/L	64.310	1.4	4677.01
K 769.897	0.050000	mg/L	94.163	0.9	10835.1
Li 610.365	0.010000	mg/L	10.828	12.3	87.8472
Li 670.783	0.010000	mg/L	821.747	1.0	81215.4
Mg 279.078	0.050000	mg/L	3.705	4.7	78.7721
Mg 280.270	0.050000	mg/L	172.565	3.3	5269.47
Mg 285.213	0.050000	mg/L	35.015	2.1	1643.12
Mn 257.610	0.005000	mg/L	19.102	2.7	717.448
Mn 259.372	0.005000	mg/L	21.362	3.9	552.236
Mn 260.568	0.005000	mg/L	2.189	2.3	95.4445
Mo 202.032	0.010000	mg/L	6.008	7.8	77.1972
Mo 203.846	0.010000	mg/L	3.433	11.9	28.8563
Mo 204.598	0.010000	mg/L	3.114	9.5	32.7996
Ni 216.555	0.010000	mg/L	1.880	3.8	50.1278
Ni 221.648	0.010000	mg/L	0.704	3.1	23.0376
Ni 231.604	0.010000	mg/L	1.162	3.0	38.9022
Pb 220.353	0.010000	mg/L	3.801	28.6	13.2903
Pb 261.417	0.010000	mg/L	2.080	12.7	16.4334
Pb 405.781	0.010000	mg/L	4.836	5.0	96.9440
Se 196.026	0.010000	mg/L	0.317	4.8	6.62387
Se 203.985	0.010000	mg/L	1.146	39.5	2.90006
Si 250.690	0.010000	mg/L	5.418	3.5	153.136
Si 251.611	0.010000	mg/L	6.441	3.8	170.504
Si 288.158	0.010000	mg/L	14.185	1.0	1489.61
Sn 189.927	0.010000	mg/L	0.184	4.1	4.44563
Sn 283.998	0.010000	mg/L	9.418	49.5	19.0109
Sr 216.596	0.005000	mg/L	1.341	2.4	54.7855
Sr 407.771	0.005000	mg/L	303.006	1.6	18530.2
Sr 421.552	0.005000	mg/L	171.676	1.5	11383.4
Ti 334.941	0.005000	mg/L	23.664	1.8	1280.27
Ti 336.122	0.005000	mg/L	24.317	4.7	520.003
Ti 337.280	0.005000	mg/L	6.839	3.9	176.382
V 268.796	0.005000	mg/L	30.047	48.0	62.5749
V 292.401	0.005000	mg/L	2.016	1.1	180.712
V 311.837	0.005000	mg/L	4.935	2.5	196.287
Zn 202.548	0.005000	mg/L	2.694	0.5	560.062
Zn 206.200	0.005000	mg/L	0.881	0.5	182.368
Zn 213.857	0.005000	mg/L	16.052	1.4	1113.90

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.08330	8686.74	117.594	1.4
Y 371.029	0.912572	150490	2031.150	1.3

111103A. All Data Report 11/7/2011, 16:06:17

Standard 3 (Std) **11/3/2011, 11:10:14 AM** **Rack 2, Tube 4**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.004000	mg/L	2.530	0.5	502.717
Ag 338.289	0.004000	mg/L	5.256	99.2	5.30021
Al 237.312	0.100000	mg/L	1.164	0.6	198.937
Al 257.509	0.100000	mg/L	4.233	5.3	80.1070
Al 308.215	0.100000	mg/L	6.998	0.6	1140.21
As 188.980	0.020000	mg/L	1.467	14.2	10.3173
As 193.696	0.020000	mg/L	0.825	8.4	9.82438
As 228.812	0.020000	mg/L	14.498	111.4	13.0174
B 182.577	0.020000	mg/L	0.286	1.9	14.9937
B 249.678	0.020000	mg/L	3.895	1.7	232.722
B 249.772	0.020000	mg/L	11.280	2.3	498.294
Ba 233.527	0.020000	mg/L	4.481	0.5	834.957
Ba 455.403	0.020000	mg/L	37.963	0.2	23590.5
Ba 493.408	0.020000	mg/L	10.435	0.1	13831.9
Be 234.861	0.020000	mg/L	2.348	0.1	2003.45
Be 313.042	0.020000	mg/L	91.542	0.3	32707.2
Be 313.107	0.020000	mg/L	50.484	0.3	14881.1
Ca 393.366	0.200000n	mg/L	378.016	0.1	327094
Ca 396.847	0.200000	mg/L	839.194	0.2	453583
Ca 430.253	0.200000	mg/L	12.669	0.8	1660.52
Cd 214.439	0.010000	mg/L	3.018	1.9	161.960
Cd 226.502	0.010000	mg/L	2.550	0.8	308.923
Cd 228.802	0.010000	mg/L	1.251	0.9	146.407
Co 228.615	0.020000	mg/L	2.160	1.4	157.407
Co 230.786	0.020000	mg/L	2.496	2.2	111.534
Co 238.892	0.020000	mg/L	1.603	1.5	104.161
Cr 205.560	0.020000	mg/L	0.690	1.0	72.3949
Cr 206.158	0.020000	mg/L	2.074	6.5	31.6863
Cr 267.716	0.020000	mg/L	5.456	1.4	385.338
Cu 213.598	0.020000	mg/L	2.145	3.7	58.4079
Cu 324.754	0.020000	mg/L	3.426	0.3	1101.61
Cu 327.395	0.020000	mg/L	4.338	0.5	864.125
Fe 234.350	0.020000	mg/L	12.243	7.2	169.404
Fe 238.204	0.020000	mg/L	16.457	4.8	341.430
Fe 259.940	0.020000	mg/L	13.000	4.3	305.259
Ga 287.423	0.020000	mg/L	9.990	17.7	56.4593
Ga 294.363	0.020000	mg/L	5.703	4.9	115.790
Ga 417.204	0.020000	mg/L	14.084	6.8	207.238
K 766.491	0.200000	mg/L	52.198	0.4	13212.0
K 769.897	0.200000	mg/L	101.270	0.6	17427.1
Li 610.365	0.040000	mg/L	12.554	1.6	804.590
Li 670.783	0.040000	mg/L	425.494	0.3	163969
Mg 279.078	0.200000	mg/L	1.455	0.6	261.874
Mg 280.270	0.200000	mg/L	161.215	0.8	19041.5
Mg 285.213	0.200000	mg/L	16.604	0.3	6036.71
Mn 257.610	0.020000	mg/L	49.081	1.8	2659.97
Mn 259.372	0.020000	mg/L	35.741	1.8	2003.05
Mn 260.568	0.020000	mg/L	3.337	0.9	359.575
Mo 202.032	0.040000	mg/L	3.430	2.4	141.188
Mo 203.846	0.040000	mg/L	1.261	2.2	56.7834

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.040000	mg/L	2.567	4.0	63.6286
Ni 216.555	0.040000	mg/L	1.009	0.6	178.834
Ni 221.648	0.040000	mg/L	1.277	1.7	73.6823
Ni 231.604	0.040000	mg/L	2.504	2.0	125.480
P 177.434	0.020000	mg/L	0.181	16.4	1.10291
P 213.618	0.020000	mg/L	1.185	11.9	9.95879
P 214.914	0.020000	mg/L	0.628	25.6	2.45639
Pb 220.353	0.040000	mg/L	2.344	5.7	41.4151
Pb 261.417	0.040000	mg/L	0.727	2.8	26.0903
Pb 405.781	0.040000	mg/L	18.151	13.4	134.979
Sb 206.834	0.040000	mg/L	0.879	2.8	31.2512
Sb 231.146	0.040000	mg/L	0.619	2.5	24.3192
Sb 259.804	0.040000	mg/L	0.758	2.9	26.3646
Se 196.026	0.040000	mg/L	0.780	6.2	12.6595
Se 203.985	0.040000	mg/L	1.576	20.5	7.67360
Si 250.690	0.040000	mg/L	3.419	1.9	181.750
Si 251.611	0.040000	mg/L	4.679	2.3	206.925
Si 288.158	0.040000	mg/L	7.450	0.5	1653.35
Sn 189.927	0.040000	mg/L	0.520	5.2	9.99789
Sn 283.998	0.040000	mg/L	25.135	41.1	61.1239
Sr 216.596	0.020000	mg/L	1.494	0.9	169.848
Sr 407.771	0.020000	mg/L	199.117	0.4	56195.1
Sr 421.552	0.020000	mg/L	72.488	0.2	34713.5
Ti 334.941	0.020000	mg/L	22.758	0.6	3942.69
Ti 336.122	0.020000	mg/L	11.516	0.7	1669.34
Ti 337.280	0.020000	mg/L	9.075	1.6	581.611
Tl 190.794	0.020000	mg/L	0.455	7.9	5.77907
Tl 190.807	0.020000	mg/L	1.036	32.7	3.17034
Tl 351.923	0.020000	mg/L	3.666	10.2	35.9909
V 268.796	0.020000	mg/L	47.861	26.9	177.925
V 292.401	0.020000	mg/L	10.090	1.6	641.352
V 311.837	0.020000	mg/L	6.921	0.9	795.282
Zn 202.548	0.020000	mg/L	9.914	1.5	660.050
Zn 206.200	0.020000	mg/L	2.674	1.2	215.658
Zn 213.857	0.020000	mg/L	29.018	2.2	1328.02

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.09235	8759.33	29.548	0.3
Y 371.029	0.920314	151766	626.383	0.4

Standard 4 (Std) **11/3/2011, 10:33:35 AM** **Rack 2, Tube 5**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.020000	mg/L	7.053	0.6	1203.03
Ag 338.289	0.020000	mg/L	6.312	14.4	43.9478
Al 237.312	0.500000	mg/L	11.987	1.7	725.030
Al 257.509	0.500000	mg/L	1.768	0.6	301.873
Al 308.215	0.500000	mg/L	40.665	1.3	3173.38
As 188.980	0.100000	mg/L	0.847	2.6	32.0751
As 193.696	0.100000	mg/L	1.340	3.9	34.2070
As 228.812	0.100000	mg/L	61.402	107.0	57.3878

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
B 182.577	0.100000	mg/L	1.322	2.8	47.1213
B 249.678	0.100000	mg/L	30.830	3.8	818.682
B 249.772	0.100000	mg/L	58.636	3.3	1786.74
Ba 233.527	0.100000	mg/L	64.603	1.9	3477.98
Ba 455.403	0.100000	mg/L	1251.625	1.3	98648.4
Ba 493.408	0.100000	mg/L	653.095	1.1	58399.6
Be 234.861	0.100000	mg/L	173.006	1.7	9953.98
Be 313.042	0.100000	mg/L	2254.803	1.5	155442
Be 313.107	0.100000	mg/L	1082.124	1.5	73198.5
Ca 393.366	1.00000n	mg/L	17026.783	1.2	1409934
Ca 396.847	1.00000	mg/L	24680.109	1.3	1962413
Ca 430.253	1.00000	mg/L	39.638	0.9	4470.57
Cd 214.439	0.050000	mg/L	20.893	2.6	798.907
Cd 226.502	0.050000	mg/L	18.347	1.2	1483.78
Cd 228.802	0.050000	mg/L	12.034	1.8	670.063
Co 228.615	0.100000	mg/L	17.846	2.2	806.007
Co 230.786	0.100000	mg/L	12.260	2.3	539.552
Co 238.892	0.100000	mg/L	6.011	1.2	506.714
Cr 205.560	0.100000	mg/L	5.563	1.5	361.028
Cr 206.158	0.100000	mg/L	2.814	1.9	149.753
Cr 267.716	0.100000	mg/L	27.311	1.4	1894.67
Cu 213.598	0.100000	mg/L	4.785	1.6	299.197
Cu 324.754	0.100000	mg/L	54.184	1.4	3867.46
Cu 327.395	0.100000	mg/L	175.838	4.1	4257.94
Fe 234.350	0.100000	mg/L	51.807	6.8	761.568
Fe 238.204	0.100000	mg/L	74.034	4.6	1621.39
Fe 259.940	0.100000	mg/L	58.519	4.2	1376.95
Ga 287.423	0.100000	mg/L	8.529	3.8	221.551
Ga 294.363	0.100000	mg/L	8.557	1.4	593.786
Ga 417.204	0.100000	mg/L	64.566	7.4	876.460
K 766.491	1.00000	mg/L	606.681	1.0	59107.3
K 769.897	1.00000	mg/L	471.859	0.9	53364.1
Li 610.365	0.200000	mg/L	112.673	1.6	6840.47
Li 670.783	0.200000	mg/L	6165.656	1.1	579213
Mg 279.078	1.00000	mg/L	15.775	1.2	1307.41
Mg 280.270	1.00000	mg/L	540.818	0.6	95462.0
Mg 285.213	1.00000	mg/L	758.502	2.5	30296.0
Mn 257.610	0.100000	mg/L	415.821	3.1	13261.7
Mn 259.372	0.100000	mg/L	299.867	3.1	9820.19
Mn 260.568	0.100000	mg/L	27.455	1.5	1781.66
Mo 202.032	0.200000	mg/L	17.581	3.0	583.894
Mo 203.846	0.200000	mg/L	4.917	2.1	237.933
Mo 204.598	0.200000	mg/L	6.835	2.5	273.603
Na 568.821	1.00000	mg/L	13.238	4.8	275.347
Na 588.995	1.00000	mg/L	3926.891	0.7	603889
Na 589.592	1.00000	mg/L	3059.962	1.0	300132
Ni 216.555	0.200000	mg/L	12.840	1.4	885.598
Ni 221.648	0.200000	mg/L	3.705	1.0	357.916
Ni 231.604	0.200000	mg/L	15.314	2.6	598.212
P 177.434	0.100000	mg/L	1.477	33.5	4.40292
P 213.618	0.100000	mg/L	2.682	5.5	48.5644

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
P 214.914	0.100000	mg/L	1.456	8.8	16.6094
Pb 220.353	0.200000	mg/L	3.402	1.7	196.511
Pb 261.417	0.200000	mg/L	2.482	2.5	98.6135
Pb 405.781	0.200000	mg/L	9.746	2.9	341.648
Sb 206.834	0.200000	mg/L	0.820	0.7	119.270
Sb 231.146	0.200000	mg/L	2.738	2.8	98.8256
Sb 259.804	0.200000	mg/L	2.350	2.7	86.1690
Se 196.026	0.200000	mg/L	1.002	2.2	46.5257
Se 203.985	0.200000	mg/L	1.904	7.3	26.0602
Si 250.690	0.200000	mg/L	10.541	2.7	383.627
Si 251.611	0.200000	mg/L	9.936	2.2	447.509
Si 288.158	0.200000	mg/L	42.639	1.5	2840.70
Sn 189.927	0.200000	mg/L	0.407	1.0	42.2326
Sn 283.998	0.200000	mg/L	108.757	40.9	266.227
Sr 216.596	0.100000	mg/L	9.490	1.2	786.272
Sr 407.771	0.100000	mg/L	3077.485	1.2	260000
Sr 421.552	0.100000	mg/L	2038.438	1.3	160859
Ti 334.941	0.100000	mg/L	444.494	2.3	19207.4
Ti 336.122	0.100000	mg/L	171.919	2.1	8186.69
Ti 337.280	0.100000	mg/L	72.383	2.5	2883.81
Tl 190.794	0.100000	mg/L	0.262	0.9	28.1291
Tl 190.807	0.100000	mg/L	0.862	5.4	15.9902
Tl 351.923	0.100000	mg/L	6.162	4.8	127.334
V 268.796	0.100000	mg/L	199.617	24.9	802.874
V 292.401	0.100000	mg/L	73.569	2.3	3156.22
V 311.837	0.100000	mg/L	48.270	1.1	4269.23
Zn 202.548	0.100000	mg/L	21.089	1.7	1213.96
Zn 206.200	0.100000	mg/L	4.214	1.1	395.304
Zn 213.857	0.100000	mg/L	55.703	2.2	2480.89

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.09243	8759.94	48.252	0.6
Y 371.029	0.927029	152874	798.358	0.5

Standard 5 (Std) **11/3/2011, 10:37:37 AM** **Rack 2, Tube 6**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.100000	mg/L	31.564	0.7	4797.73
Ag 338.289	0.100000	mg/L	8.288	2.9	285.143
Al 237.312	2.50000	mg/L	74.360	2.1	3474.67
Al 257.509	2.50000	mg/L	24.422	1.6	1504.86
Al 308.215	2.50000	mg/L	108.389	0.8	14150.0
As 188.980	0.500000	mg/L	2.676	1.8	148.424
As 193.696	0.500000	mg/L	1.560	0.9	166.629
As 228.812	0.500000	mg/L	249.628	110.0	226.988
B 182.577	0.500000	mg/L	3.438	1.6	220.603
B 249.678	0.500000	mg/L	136.369	3.5	3944.21
B 249.772	0.500000	mg/L	325.642	3.8	8658.14
Ba 233.527	0.500000	mg/L	265.242	1.5	17366.2
Ba 455.403	0.500000	mg/L	2180.364	0.5	482751
Ba 493.408	0.500000	mg/L	2104.676	0.7	288683

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.500000	mg/L	693.196	1.3	51754.6
Be 313.042	0.500000	mg/L	7069.332	0.9	794524
Be 313.107	0.500000	mg/L	3679.285	1.0	377889
Ca 393.366	5.00000n	mg/L	26750.100	0.4	6446663
Ca 396.847	5.00000	mg/L	43683.992	0.5	9226753
Ca 430.253	5.00000	mg/L	135.818	0.7	19018.8
Cd 214.439	0.250000	mg/L	101.834	2.5	4139.83
Cd 226.502	0.250000	mg/L	32.826	0.4	7569.47
Cd 228.802	0.250000	mg/L	43.647	1.3	3407.02
Co 228.615	0.500000	mg/L	49.154	1.2	4233.13
Co 230.786	0.500000	mg/L	33.977	1.2	2781.46
Co 238.892	0.500000	mg/L	24.385	0.9	2646.84
Cr 205.560	0.500000	mg/L	17.531	0.9	1871.30
Cr 206.158	0.500000	mg/L	7.725	1.0	777.029
Cr 267.716	0.500000	mg/L	78.422	0.8	9741.58
Cu 213.598	0.500000	mg/L	17.360	1.1	1601.56
Cu 324.754	0.500000	mg/L	137.272	0.8	18124.3
Cu 327.395	0.500000	mg/L	145.012	0.7	22232.6
Fe 234.350	0.500000	mg/L	268.661	7.0	3811.21
Fe 238.204	0.500000	mg/L	400.006	4.8	8270.74
Fe 259.940	0.500000	mg/L	355.876	5.2	6902.87
Ga 287.423	0.500000	mg/L	38.045	3.4	1108.66
Ga 294.363	0.500000	mg/L	58.000	1.9	2983.34
Ga 417.204	0.500000	mg/L	328.642	7.4	4454.34
K 766.491	5.00000	mg/L	1651.920	0.6	294644
K 769.897	5.00000	mg/L	1376.232	0.6	241359
Li 610.365	1.00000	mg/L	243.303	0.6	42069.4
Li 670.783	1.00000	mg/L	16260.150	0.6	2815071
Mg 279.078	5.00000	mg/L	28.956	0.4	6703.27
Mg 280.270	5.00000	mg/L	3307.024	0.7	485268
Mg 285.213	5.00000	mg/L	5894.470	3.8	155528
Mn 257.610	0.500000	mg/L	2039.121	2.9	70212.4
Mn 259.372	0.500000	mg/L	1492.595	2.9	51751.3
Mn 260.568	0.500000	mg/L	146.952	1.6	9222.67
Mo 202.032	1.00000	mg/L	102.488	3.2	3164.47
Mo 203.846	1.00000	mg/L	50.387	3.9	1285.10
Mo 204.598	1.00000	mg/L	58.146	3.9	1503.06
Na 568.821	5.00000	mg/L	20.696	1.7	1195.87
Na 588.995	5.00000	mg/L	9095.365	0.3	2601631
Na 589.592	5.00000	mg/L	5445.257	0.4	1312833
Ni 216.555	1.00000	mg/L	25.939	0.6	4594.37
Ni 221.648	1.00000	mg/L	9.078	0.5	1852.40
Ni 231.604	1.00000	mg/L	28.357	0.9	3108.17
P 177.434	0.500000	mg/L	0.552	2.7	20.6412
P 213.618	0.500000	mg/L	10.914	4.2	259.202
P 214.914	0.500000	mg/L	6.851	8.8	78.0324
Pb 220.353	1.00000	mg/L	9.631	1.0	1006.11
Pb 261.417	1.00000	mg/L	2.824	0.6	508.156
Pb 405.781	1.00000	mg/L	15.246	1.1	1398.88
Sb 206.834	1.00000	mg/L	6.430	1.1	610.495
Sb 231.146	1.00000	mg/L	6.814	1.4	498.332

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sb 259.804	1.00000	mg/L	5.561	1.3	421.740
Se 196.026	1.00000	mg/L	9.076	3.9	234.403
Se 203.985	1.00000	mg/L	9.660	7.0	138.239
Si 250.690	1.00000	mg/L	14.059	1.0	1363.32
Si 251.611	1.00000	mg/L	38.162	2.4	1572.22
Si 288.158	1.00000	mg/L	237.575	2.9	8282.38
Sn 189.927	1.00000	mg/L	2.032	1.0	213.159
Sn 283.998	1.00000	mg/L	575.575	42.7	1347.18
Sr 216.596	0.500000	mg/L	25.937	0.6	4024.33
Sr 407.771	0.500000	mg/L	14145.700	1.1	1291040
Sr 421.552	0.500000	mg/L	11592.472	1.4	801530
Ti 334.941	0.500000	mg/L	1475.043	1.5	96864.8
Ti 336.122	0.500000	mg/L	802.120	1.9	41938.0
Ti 337.280	0.500000	mg/L	286.084	1.9	14924.1
Tl 190.794	0.500000	mg/L	1.338	0.9	149.600
Tl 190.807	0.500000	mg/L	1.812	2.2	81.1385
Tl 351.923	0.500000	mg/L	7.220	1.2	607.238
V 268.796	0.500000	mg/L	1117.215	27.5	4062.35
V 292.401	0.500000	mg/L	181.974	1.1	16380.7
V 311.837	0.500000	mg/L	133.697	0.6	22794.7
Zn 202.548	0.500000	mg/L	83.197	2.0	4170.18
Zn 206.200	0.500000	mg/L	12.393	0.9	1360.83
Zn 213.857	0.500000	mg/L	239.848	2.8	8556.32

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.09840	8807.81	17.543	0.2
Y 371.029	0.928031	153039	276.197	0.2

Standard 6 (Std) **11/3/2011, 10:41:50 AM** **Rack 2, Tube 7**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.400000	mg/L	26.711	0.1	18563.6
Ag 338.289	0.400000	mg/L	33.307	2.8	1169.43
Al 237.312	10.0000	mg/L	19.179	0.1	13424.9
Al 257.509	10.0000	mg/L	15.226	0.3	5830.06
Al 308.215	10.0000	mg/L	262.068	0.5	53644.3
As 188.980	2.00000	mg/L	4.003	0.7	570.600
As 193.696	2.00000	mg/L	6.167	0.9	655.397
As 228.812	2.00000	mg/L	940.048	106.8	880.419
B 182.577	2.00000	mg/L	14.768	1.7	847.686
B 249.678	2.00000	mg/L	220.030	1.4	15349.8
B 249.772	2.00000	mg/L	511.930	1.5	33645.5
Ba 233.527	2.00000	mg/L	300.334	0.4	67170.6
Ba 455.403	2.00000	mg/L	4709.926	0.3	1867825
Ba 493.408	2.00000	mg/L	1855.587	0.2	1084722
Be 234.861	2.00000	mg/L	626.755	0.3	201008
Be 313.042	2.00000	mg/L	7817.167	0.3	3104460
Be 313.107	2.00000	mg/L	3410.007	0.2	1475875
Ca 393.366	20.0000n	mg/L	46540.422	0.2	21029274
Ca 396.847	20.0000o	mg/L	204515.344	0.6	33003628
Ca 430.253	20.0000	mg/L	292.269	0.4	72516.7

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 214.439	1.00000	mg/L	92.607	0.6	16123.0
Cd 226.502	1.00000	mg/L	72.622	0.2	29506.1
Cd 228.802	1.00000	mg/L	11.166	0.1	13199.2
Co 228.615	2.00000	mg/L	62.470	0.4	16468.8
Co 230.786	2.00000	mg/L	47.376	0.4	10709.1
Co 238.892	2.00000	mg/L	25.351	0.2	10169.3
Cr 205.560	2.00000	mg/L	42.575	0.6	7295.81
Cr 206.158	2.00000	mg/L	13.696	0.5	3028.00
Cr 267.716	2.00000	mg/L	187.854	0.5	37425.3
Cu 213.598	2.00000	mg/L	62.117	1.0	6235.66
Cu 324.754	2.00000	mg/L	366.256	0.5	69751.0
Cu 327.395	2.00000	mg/L	495.646	0.6	86088.9
Fe 234.350	2.00000	mg/L	1006.892	6.9	14683.7
Fe 238.204	2.00000	mg/L	1385.228	4.4	31665.3
Fe 259.940	2.00000	mg/L	1045.537	3.9	26965.7
Ga 287.423	2.00000	mg/L	123.832	2.9	4344.34
Ga 294.363	2.00000	mg/L	72.182	0.6	11641.2
Ga 417.204	2.00000	mg/L	1267.543	7.2	17513.0
K 766.491	20.0000	mg/L	2167.704	0.2	1080477
K 769.897	20.0000	mg/L	2255.566	0.2	911191
Li 610.365	4.00000	mg/L	466.493	0.3	173494
Li 670.783	4.00000	mg/L	12639.206	0.1	10057376
Mg 279.078	20.0000	mg/L	82.174	0.3	26355.4
Mg 280.270	20.0000	mg/L	5788.075	0.3	1750213
Mg 285.213	20.0000	mg/L	1518.431	0.2	619653
Mn 257.610	2.00000	mg/L	4627.370	1.7	266753
Mn 259.372	2.00000	mg/L	3524.985	1.8	196398
Mn 260.568	2.00000	mg/L	265.073	0.7	36097.2
Mo 202.032	4.00000	mg/L	274.247	2.2	12657.3
Mo 203.846	4.00000	mg/L	142.312	2.7	5218.35
Mo 204.598	4.00000	mg/L	157.717	2.6	6112.79
Na 568.821	20.0000	mg/L	77.568	1.6	4752.02
Na 588.995	20.0000	mg/L	21212.215	0.2	8716845
Na 589.592	20.0000	mg/L	14250.727	0.3	4795450
Ni 216.555	4.00000	mg/L	34.111	0.2	17708.5
Ni 221.648	4.00000	mg/L	15.542	0.2	7192.11
Ni 231.604	4.00000	mg/L	27.447	0.2	11936.4
P 177.434	2.00000	mg/L	0.989	1.2	81.6922
P 213.618	2.00000	mg/L	37.833	3.7	1015.06
P 214.914	2.00000	mg/L	19.258	6.4	299.857
Pb 220.353	4.00000	mg/L	11.540	0.3	3901.81
Pb 261.417	4.00000	mg/L	5.077	0.3	1984.22
Pb 405.781	4.00000	mg/L	47.344	0.9	5284.09
Sb 206.834	4.00000	mg/L	27.768	1.3	2119.19
Sb 231.146	4.00000	mg/L	28.285	1.6	1734.07
Sb 259.804	4.00000	mg/L	16.549	1.1	1451.57
Se 196.026	4.00000	mg/L	20.467	2.2	946.422
Se 203.985	4.00000	mg/L	34.421	6.1	564.918
Si 250.690	4.00000	mg/L	41.563	0.9	4691.24
Si 251.611	4.00000	mg/L	115.632	2.1	5434.16
Si 288.158	4.00000	mg/L	130.071	0.5	27252.5

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sn 189.927	4.00000	mg/L	7.932	1.0	825.712
Sn 283.998	4.00000	mg/L	2169.508	41.7	5202.60
Sr 216.596	2.00000	mg/L	37.530	0.2	15500.8
Sr 407.771	2.00000	mg/L	49023.332	1.0	4892711
Sr 421.552	2.00000	mg/L	36721.094	1.2	3083273
Ti 334.941	2.00000	mg/L	1327.216	0.4	378280
Ti 336.122	2.00000	mg/L	549.653	0.3	161515
Ti 337.280	2.00000	mg/L	153.603	0.3	58430.8
Tl 190.794	2.00000	mg/L	3.709	0.6	582.279
Tl 190.807	2.00000	mg/L	5.020	1.6	317.432
Tl 351.923	2.00000	mg/L	8.946	0.4	2328.45
V 268.796	2.00000	mg/L	4425.708	27.9	15859.6
V 292.401	2.00000	mg/L	191.274	0.3	63360.2
V 311.837	2.00000	mg/L	295.219	0.3	88094.9
Zn 202.548	2.00000	mg/L	247.278	1.7	14672.7
Zn 206.200	2.00000	mg/L	36.755	0.8	4797.18
Zn 213.857	2.00000	mg/L	630.021	2.1	30405.0

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.08694	8715.92	35.839	0.4
Y 371.029	0.921615	151981	295.205	0.2

Standard 7 (Std) **11/3/2011, 10:46:03 AM** **Rack 2, Tube 8**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ca 393.366	100.000on	mg/L	140931.375	0.3	43062916
Ca 396.847	100.000o	mg/L	143660.297	0.4	40651132
Ca 430.253	100.000	mg/L	1486.643	0.4	381178
Mg 279.078	100.000	mg/L	102.975	0.1	131340
Mg 280.270	100.000	mg/L	109330.234	1.7	6301586
Mg 285.213	100.000	mg/L	13261.539	0.5	2810361
Na 568.821	100.000	mg/L	404.273	1.5	26696.5
Na 588.995	100.000o	mg/L	65201.867	0.2	29708390
Na 589.592	100.000	mg/L	47148.055	0.2	22197498

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03037	8262.33	4.755	0.1
Y 371.029	0.890498	146849	159.779	0.1

Ag 328.068 Calibration (mg/L) **11/3/2011, 11:10:14 AM** **Correlation Coefficient: 0.999987**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		329.504	0.000000	0.000138	-	-
Standard 2		378.730	0.001000	0.001220	0.000220	22.0
Standard 3		502.717	0.004000	0.003945	-0.000055	-1.4
Standard 4		1203.03	0.020000	0.019334	-0.000666	-3.3
Standard 5		4797.73	0.100000	0.098328	-0.001672	-1.7
Standard 6		18563.6	0.400000	0.400836	0.000836	0.2

Curve Type: Linear Equation: y = 45506.0 x + 323.2

Ag 338.289 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999884

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.14761	0.000000	0.000134	-	-
Standard 2		6.74560	0.001000	0.001402	0.000402	40.2
Standard 3		5.30021	0.004000	0.000893	-0.003107	-77.7
Standard 4		43.9478	0.020000	0.014507	-0.005493	-27.5
Standard 5		285.143	0.100000	0.099470	-0.000530	-0.5
Standard 6		1169.43	0.400000	0.410967	0.010967	2.7

Curve Type: Linear Equation: y = 2838.8 x + 2.8

Al 237.312 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999984

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		62.6421	0.000000	-0.001514	-	-
Standard 2		90.0951	0.025000	0.019031	-0.005969	-23.9
Standard 3		198.937	0.100000	0.100489	0.000489	0.5
Standard 4		725.030	0.500000	0.494218	-0.005782	-1.2
Standard 5		3474.67	2.50000	2.55206	0.052059	2.1
Standard 6		13424.9	10.0000	9.99883	-0.001170	0.0

Curve Type: Linear Equation: y = 1336.2 x + 64.7

Al 257.509 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999982

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		25.8961	0.000000	0.019242	-	-
Standard 2		39.2307	0.025000	0.042201	0.017201	68.8
Standard 3		80.1070	0.100000	0.112578	0.012578	12.6
Standard 4		301.873	0.500000	0.494398	-0.005602	-1.1
Standard 5		1504.86	2.50000	2.56560	0.065605	2.6
Standard 6		5830.06	10.0000	10.0124	0.012385	0.1

Curve Type: Linear Equation: y = 580.8 x + 14.7

Al 308.215 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999981

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		728.703	0.000000	0.018820	-	-
Standard 2		751.643	0.025000	0.023153	-0.001847	-7.4
Standard 3		1140.21	0.100000	0.096544	-0.003456	-3.5
Standard 4		3173.38	0.500000	0.480566	-0.019434	-3.9
Standard 5		14150.0	2.50000	2.55379	0.053793	2.2
Standard 6		53644.3	10.0000	10.0134	0.013386	0.1

Curve Type: Linear Equation: y = 5294.4 x + 629.1

As 188.980 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999988

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.11308	0.000000	-0.000048	-	-
Standard 2		6.35985	0.005000	0.007871	0.002871	57.4
Standard 3		10.3173	0.020000	0.021820	0.001820	9.1
Standard 4		32.0751	0.100000	0.098511	-0.001489	-1.5
Standard 5		148.424	0.500000	0.508614	0.008614	1.7
Standard 6		570.600	2.00000	1.99668	-0.003320	-0.2

Curve Type: Linear Equation: y = 283.7 x + 4.1

As 193.696 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999995

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.36947	0.000000	0.001810	-	-
Standard 2		3.70071	0.005000	0.002824	-0.002176	-43.5
Standard 3		9.82438	0.020000	0.021566	0.001566	7.8
Standard 4		34.2070	0.100000	0.096194	-0.003806	-3.8
Standard 5		166.629	0.500000	0.501499	0.001499	0.3
Standard 6		655.397	2.00000	1.99748	-0.002524	-0.1

Curve Type: Linear Equation: y = 326.7 x + 2.8

As 228.812 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999944

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.34156	0.000000	0.000536	-	-
Standard 2		5.83072	0.005000	-0.000664	-0.005664	-113.3
Standard 3		13.0174	0.020000	0.016228	-0.003772	-18.9
Standard 4		57.3878	0.100000	0.120518	0.020518	20.5
Standard 5		226.988	0.500000	0.519157	0.019157	3.8
Standard 6		880.419	2.00000	2.05502	0.055019	2.8

Maximum error exceeded.
Curve Type: Linear Equation: y = 425.4 x + 6.1

B 182.577 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999984

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.48017	0.000000	-0.001078	-	-
Standard 3		14.9937	0.020000	0.021227	0.001227	6.1
Standard 4		47.1213	0.100000	0.096553	-0.003447	-3.4
Standard 5		220.603	0.500000	0.503294	0.003294	0.7
Standard 6		847.686	2.00000	1.97354	-0.026461	-1.3

Curve Type: Linear Equation: y = 426.5 x + 5.9

B 249.678 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999991

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		63.4584	0.000000	-0.000554	-	-
Standard 3		232.722	0.020000	0.021252	0.001252	6.3
Standard 4		818.682	0.100000	0.096740	-0.003260	-3.3
Standard 5		3944.21	0.500000	0.499397	-0.000603	-0.1
Standard 6		15349.8	2.00000	1.96876	-0.031244	-1.6

Curve Type: Linear Equation: y = 7762.3 x + 67.8

B 249.772 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999989

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		136.059	0.000000	-0.000012	-	-
Standard 3		498.294	0.020000	0.021382	0.001382	6.9
Standard 4		1786.74	0.100000	0.097479	-0.002521	-2.5
Standard 5		8658.14	0.500000	0.503312	0.003312	0.7
Standard 6		33645.5	2.00000	1.97910	-0.020905	-1.0

Curve Type: Linear Equation: y = 16931.6 x + 136.3

Ba 233.527 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999975

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		163.416	0.000000	-0.000059	-	-
Standard 2		335.917	0.005000	0.005084	0.000084	1.7
Standard 3		834.957	0.020000	0.019964	-0.000036	-0.2
Standard 4		3477.98	0.100000	0.098769	-0.001231	-1.2
Standard 5		17366.2	0.500000	0.512863	0.012863	2.6
Standard 6		67170.6	2.00000	1.99784	-0.002156	-0.1

Curve Type: Linear Equation: y = 33538.8 x + 165.4

Ba 455.403 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999977

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4537.66	0.000000	-0.000033	-	-
Standard 2		9317.97	0.005000	0.005027	0.000027	0.5
Standard 3		23590.5	0.020000	0.020135	0.000135	0.7
Standard 4		98648.4	0.100000	0.099585	-0.000415	-0.4
Standard 5		482751	0.500000	0.506166	0.006166	1.2
Standard 6		1867825	2.00000	1.97230	-0.027700	-1.4

Curve Type: Linear Equation: y = 944712.2 x + 4569.2

Ba 493.408 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999895

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2662.06	0.000000	-0.000195	-	-
Standard 2		5487.34	0.005000	0.004937	-0.000063	-1.3
Standard 3		13831.9	0.020000	0.020096	0.000096	0.5
Standard 4		58399.6	0.100000	0.101058	0.001058	1.1
Standard 5		288683	0.500000	0.519391	0.019391	3.9
Standard 6		1084722	2.00000	1.96547	-0.034525	-1.7

Curve Type: Linear Equation: y = 550479.2 x + 2769.4

Be 234.861 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999970

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-1.72498	0.000000	0.000003	-	-
Standard 1		93.2778	0.001000	0.000950	-0.000050	-5.0
Standard 2		503.369	0.005000	0.005038	0.000038	0.8
Standard 3		2003.45	0.020000	0.019990	-0.000010	0.0
Standard 4		9953.98	0.100000	0.099239	-0.000761	-0.8
Standard 5		51754.6	0.500000	0.515896	0.015896	3.2
Standard 6		201008	2.00000	2.00362	0.003616	0.2

Curve Type: Linear Equation: y = 100323.8 x + -2.1

Be 313.042 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999984

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2009.74	0.000000	0.000049	-	-
Standard 1		3478.82	0.001000	0.000999	-0.000001	-0.1
Standard 2		9633.37	0.005000	0.004978	-0.000022	-0.4
Standard 3		32707.2	0.020000	0.019898	-0.000102	-0.5
Standard 4		155442	0.100000	0.099259	-0.000741	-0.7
Standard 5		794524	0.500000	0.512492	0.012492	2.5
Standard 6		3104460	2.00000	2.00611	0.006109	0.3

Curve Type: Linear Equation: y = 1546538.5 x + 1934.5

Be 313.107 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999981

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		28.6685	0.000000	0.000018	-	-
Standard 1		745.726	0.001000	0.000987	-0.000013	-1.3
Standard 2		3790.37	0.005000	0.005104	0.000104	2.1
Standard 3		14881.1	0.020000	0.020100	0.000100	0.5
Standard 4		73198.5	0.100000	0.098955	-0.001045	-1.0
Standard 5		377889	0.500000	0.510946	0.010946	2.2
Standard 6		1475875	2.00000	1.99560	-0.004399	-0.2

Curve Type: Linear Equation: y = 739556.3 x + 15.7

Ca 393.366 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.998467

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank	n	35184.5	0.000000	-0.002761	-	-
Standard 2	n	93595.9	0.050000	0.042665	-0.007335	-14.7
Standard 3	n	327094	0.200000	0.224252	0.024252	12.1
Standard 4	n	1409934	1.00000	1.06636	0.066362	6.6
Standard 5	n	6446663	5.00000	4.98335	-0.016647	-0.3
Standard 6	n	21029274	20.0000	16.3240	-3.67596	-18.4

Curve Type: Linear Equation: y = 1285866.8 x + 38734.9

Ca 396.847 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999956

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		48940.8	0.000000	-0.000129	-	-
Standard 2		129180	0.050000	0.040333	-0.009667	-19.3
Standard 3		453583	0.200000	0.203918	0.003918	2.0
Standard 4		1962413	1.00000	0.964767	-0.035233	-3.5
Standard 5		9226753	5.00000	4.62792	-0.372082	-7.4

Curve Type: Linear Equation: y = 1983085.4 x + 49196.5

Ca 430.253 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999933

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		775.414	0.000000	-0.005273	-	-
Standard 2		935.188	0.050000	0.037941	-0.012059	-24.1
Standard 3		1660.52	0.200000	0.234119	0.034119	17.1
Standard 4		4470.57	1.00000	0.994146	-0.005854	-0.6
Standard 5		19018.8	5.00000	4.92898	-0.071018	-1.4
Standard 6		72516.7	20.0000	19.3984	-0.601578	-3.0
Standard 7		381178	100.000	102.881	2.88134	2.9

Curve Type: Linear Equation: y = 3697.3 x + 794.9

Cd 214.439 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999976

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.07456	0.000000	0.000159	-	-
Standard 1		11.8399	0.000500	0.000455	-0.000045	-9.0
Standard 2		44.8288	0.002500	0.002504	0.000004	0.1
Standard 3		161.960	0.010000	0.009778	-0.000222	-2.2
Standard 4		798.907	0.050000	0.049335	-0.000665	-1.3
Standard 5		4139.83	0.250000	0.256821	0.006821	2.7
Standard 6		16123.0	1.00000	1.00103	0.001030	0.1

Curve Type: Linear Equation: y = 16101.9 x + 4.5

Cd 226.502 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999980

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		14.5581	0.000000	-0.000006	-	-
Standard 1		31.7695	0.000500	0.000575	0.000075	14.9
Standard 2		88.7750	0.002500	0.002498	-0.000002	-0.1
Standard 3		308.923	0.010000	0.009925	-0.000075	-0.8
Standard 4		1483.78	0.050000	0.049561	-0.000439	-0.9
Standard 5		7569.47	0.250000	0.254875	0.004875	1.9
Standard 6		29506.1	1.00000	0.994954	-0.005046	-0.5

Curve Type: Linear Equation: y = 29641.0 x + 14.7

Cd 228.802 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999972

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.5535	0.000000	-0.000071	-	-
Standard 1		21.0060	0.000500	0.000495	-0.000005	-1.1
Standard 2		48.6565	0.002500	0.002592	0.000092	3.7
Standard 3		146.407	0.010000	0.010005	0.000005	0.0
Standard 4		670.063	0.050000	0.049717	-0.000283	-0.6
Standard 5		3407.02	0.250000	0.257280	0.007280	2.9
Standard 6		13199.2	1.00000	0.999886	-0.000114	0.0

Curve Type: Linear Equation: y = 13186.2 x + 14.5

Co 228.615 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999971

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.68644	0.000000	0.000079	-	-
Standard 2		38.6512	0.005000	0.004583	-0.000417	-8.3
Standard 3		157.407	0.020000	0.019052	-0.000948	-4.7
Standard 4		806.007	0.100000	0.098080	-0.001920	-1.9
Standard 5		4233.13	0.500000	0.515653	0.015653	3.1
Standard 6		16468.8	2.00000	2.00649	0.006493	0.3

Curve Type: Linear Equation: y = 8207.2 x + 1.0

Co 230.786 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999953

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.41350	0.000000	-0.000272	-	-
Standard 2		32.6023	0.005000	0.005160	0.000160	3.2
Standard 3		111.534	0.020000	0.019852	-0.000148	-0.7
Standard 4		539.552	0.100000	0.099518	-0.000482	-0.5
Standard 5		2781.46	0.500000	0.516798	0.016798	3.4
Standard 6		10709.1	2.00000	1.99236	-0.007641	-0.4

Curve Type: Linear Equation: y = 5372.7 x + 4.9

Co 238.892 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999945

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.64837	0.000000	0.000282	-	-
Standard 2		29.4401	0.005000	0.005150	0.000150	3.0
Standard 3		104.161	0.020000	0.019822	-0.000178	-0.9
Standard 4		506.714	0.100000	0.098869	-0.001131	-1.1
Standard 5		2646.84	0.500000	0.519111	0.019111	3.8
Standard 6		10169.3	2.00000	1.99625	-0.003751	-0.2

Curve Type: Linear Equation: y = 5092.6 x + 3.2

Cr 205.560 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999978

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.51737	0.000000	-0.000060	-	-
Standard 1		6.28788	0.001000	0.001249	0.000249	24.9
Standard 2		20.0160	0.005000	0.005017	0.000017	0.3
Standard 3		72.3949	0.020000	0.019394	-0.000606	-3.0
Standard 4		361.028	0.100000	0.098614	-0.001386	-1.4
Standard 5		1871.30	0.500000	0.513133	0.013133	2.6
Standard 6		7295.81	2.00000	2.00199	0.001986	0.1

Curve Type: Linear Equation: y = 3643.4 x + 1.7

Cr 206.158 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999979

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.73822	0.000000	-0.000085	-	-
Standard 1		3.54235	0.001000	0.001104	0.000104	10.4
Standard 2		10.4634	0.005000	0.005665	0.000665	13.3
Standard 3		31.6863	0.020000	0.019653	-0.000347	-1.7
Standard 4		149.753	0.100000	0.097465	-0.002535	-2.5
Standard 5		777.029	0.500000	0.510878	0.010878	2.2
Standard 6		3028.00	2.00000	1.99440	-0.005597	-0.3

Curve Type: Linear Equation: y = 1517.3 x + 1.9

Cr 267.716 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999948

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.7051	0.000000	-0.000070	-	-
Standard 1		34.5870	0.001000	0.001033	0.000033	3.3
Standard 2		113.156	0.005000	0.005184	0.000184	3.7
Standard 3		385.338	0.020000	0.019562	-0.000438	-2.2
Standard 4		1894.67	0.100000	0.099294	-0.000706	-0.7
Standard 5		9741.58	0.500000	0.513818	0.013818	2.8
Standard 6		37425.3	2.00000	1.97625	-0.023754	-1.2

Curve Type: Linear Equation: y = 18930.0 x + 15.0

Cu 213.598 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999971

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.44802	0.000000	0.000782	-	-
Standard 1		5.41821	0.001000	0.001736	0.000736	73.6
Standard 2		14.1412	0.005000	0.004538	-0.000462	-9.2
Standard 3		58.4079	0.020000	0.018756	-0.001244	-6.2
Standard 4		299.197	0.100000	0.096097	-0.003903	-3.9
Standard 5		1601.56	0.500000	0.514411	0.014411	2.9
Standard 6		6235.66	2.00000	2.00288	0.002875	0.1

Curve Type: Linear Equation: y = 3113.3 x + 0.0

Cu 324.754 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999985

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		495.101	0.000000	0.001395	-	-
Standard 1		490.851	0.001000	0.001270	0.000270	27.0
Standard 2		610.476	0.005000	0.004797	-0.000203	-4.1
Standard 3		1101.61	0.020000	0.019276	-0.000724	-3.6
Standard 4		3867.46	0.100000	0.100818	0.000818	0.8
Standard 5		18124.3	0.500000	0.521136	0.021136	4.2
Standard 6		69751.0	2.00000	2.04318	0.043180	2.2

Curve Type: Linear Equation: y = 33919.3 x + 447.8

Cu 327.395 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999965

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		23.7005	0.000000	0.000138	-	-
Standard 1		61.8826	0.001000	0.001024	0.000024	2.4
Standard 2		238.325	0.005000	0.005121	0.000121	2.4
Standard 3		864.125	0.020000	0.019651	-0.000349	-1.7
Standard 4		4257.94	0.100000	0.098452	-0.001548	-1.5
Standard 5		22232.6	0.500000	0.515806	0.015806	3.2
Standard 6		86088.9	2.00000	1.99848	-0.001517	-0.1

Curve Type: Linear Equation: y = 43068.3 x + 17.8

Fe 234.350 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999964

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		28.4173	0.000000	-0.000003	-	-
Standard 2		67.6651	0.005000	0.005330	0.000330	6.6
Standard 3		169.404	0.020000	0.019152	-0.000848	-4.2
Standard 4		761.568	0.100000	0.099606	-0.000394	-0.4
Standard 5		3811.21	0.500000	0.513944	0.013944	2.8
Standard 6		14683.7	2.00000	1.99113	-0.008867	-0.4

Curve Type: Linear Equation: y = 7360.3 x + 28.4

Fe 238.204 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999942

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		28.2785	0.000000	-0.000012	-	-
Standard 2		122.667	0.005000	0.005845	0.000845	16.9
Standard 3		341.430	0.020000	0.019419	-0.000581	-2.9
Standard 4		1621.39	0.100000	0.098837	-0.001163	-1.2
Standard 5		8270.74	0.500000	0.511416	0.011416	2.3
Standard 6		31665.3	2.00000	1.96300	-0.036999	-1.8

Curve Type: Linear Equation: y = 16116.6 x + 28.5

Fe 259.940 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999987

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		39.3052	0.000000	-0.000061	-	-
Standard 2		116.825	0.005000	0.005668	0.000668	13.4
Standard 3		305.259	0.020000	0.019595	-0.000405	-2.0
Standard 4		1376.95	0.100000	0.098797	-0.001203	-1.2
Standard 5		6902.87	0.500000	0.507186	0.007186	1.4
Standard 6		26965.7	2.00000	1.98992	-0.010084	-0.5

Curve Type: Linear Equation: y = 13531.0 x + 40.1

Ga 287.423 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999991

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.1155	0.000000	0.000148	-	-
Standard 2		17.4913	0.005000	0.003554	-0.001446	-28.9
Standard 3		56.4593	0.020000	0.021551	0.001551	7.8
Standard 4		221.551	0.100000	0.097794	-0.002206	-2.2
Standard 5		1108.66	0.500000	0.507485	0.007485	1.5
Standard 6		4344.34	2.00000	2.00180	0.001801	0.1

Curve Type: Linear Equation: y = 2165.3 x + 9.8

Ga 294.363 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999982

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		9.19154	0.000000	0.000080	-	-
Standard 2		38.5869	0.005000	0.005126	0.000126	2.5
Standard 3		115.790	0.020000	0.018377	-0.001623	-8.1
Standard 4		593.786	0.100000	0.100422	0.000422	0.4
Standard 5		2983.34	0.500000	0.510570	0.010570	2.1
Standard 6		11641.2	2.00000	1.99662	-0.003378	-0.2

Curve Type: Linear Equation: y = 5826.1 x + 8.7

Ga 417.204 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999993

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		38.5081	0.000000	-0.000175	-	-
Standard 2		88.4287	0.005000	0.005622	0.000622	12.4
Standard 3		207.238	0.020000	0.019417	-0.000583	-2.9
Standard 4		876.460	0.100000	0.097125	-0.002875	-2.9
Standard 5		4454.34	0.500000	0.512574	0.012574	2.5
Standard 6		17513.0	2.00000	2.02890	0.028895	1.4

Curve Type: Linear Equation: y = 8612.1 x + 40.0

K 766.491 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999769

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1747.83	0.000000	-0.001353	-	-
Standard 1		2340.97	0.010000	0.009472	-0.000528	-5.3
Standard 2		4677.01	0.050000	0.052106	0.002106	4.2
Standard 3		13212.0	0.200000	0.207873	0.007873	3.9
Standard 4		59107.3	1.00000	1.04548	0.045477	4.5
Standard 5		294644	5.00000	5.34410	0.344096	6.9
Standard 6		1080477	20.0000	19.6858	-0.314203	-1.6

Curve Type: Linear Equation: y = 54793.6 x + 1821.9

K 769.897 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999967

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		8489.32	0.000000	-0.000565	-	-
Standard 1		9001.32	0.010000	0.010739	0.000739	7.4
Standard 2		10835.1	0.050000	0.051227	0.001227	2.5
Standard 3		17427.1	0.200000	0.196771	-0.003229	-1.6
Standard 4		53364.1	1.00000	0.990217	-0.009783	-1.0
Standard 5		241359	5.00000	5.14092	0.140920	2.8
Standard 6		911191	20.0000	19.9300	-0.069988	-0.3

Curve Type: Linear Equation: y = 45292.3 x + 8514.9

Li 610.365 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999949

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-19.4372	0.000000	0.000935	-	-
Standard 2		87.8472	0.010000	0.003580	-0.006420	-64.2
Standard 3		804.590	0.040000	0.021251	-0.018749	-46.9
Standard 4		6840.47	0.200000	0.170063	-0.029937	-15.0
Standard 5		42069.4	1.00000	1.03862	0.038616	3.9
Standard 6		173494	4.00000	4.27883	0.278833	7.0

Curve Type: Linear Equation: y = 40560.4 x + -57.3

Li 670.783 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999655

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		52632.6	0.000000	-0.000090	-	-
Standard 2		81215.4	0.010000	0.011195	0.001195	11.9
Standard 3		163969	0.040000	0.043867	0.003867	9.7
Standard 4		579213	0.200000	0.207808	0.007808	3.9
Standard 5		2815071	1.00000	1.09054	0.090541	9.1
Standard 6		10057376	4.00000	3.94986	-0.050143	-1.3

Curve Type: Linear Equation: y = 2532880.5 x + 52860.2

Mg 279.078 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.5690	0.000000	0.004345	-	-
Standard 1		26.1123	0.010000	0.016176	0.006176	61.8
Standard 2		78.7721	0.050000	0.056257	0.006257	12.5
Standard 3		261.874	0.200000	0.195623	-0.004377	-2.2
Standard 4		1307.41	1.00000	0.991416	-0.008584	-0.9
Standard 5		6703.27	5.00000	5.09840	0.098396	2.0
Standard 6		26355.4	20.0000	20.0563	0.056349	0.3
Standard 7		131340	100.000	99.9638	-0.036247	0.0

Curve Type: Linear Equation: y = 1313.8 x + 4.9

Mg 280.270 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.996898

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		354.367	0.000000	-0.001465	-	-
Standard 1		1439.70	0.010000	0.010502	0.000502	5.0
Standard 2		5269.47	0.050000	0.052731	0.002731	5.5
Standard 3		19041.5	0.200000	0.204587	0.004587	2.3
Standard 4		95462.0	1.00000	1.04724	0.047235	4.7
Standard 5		485268	5.00000	5.34541	0.345411	6.9
Standard 6		1750213	20.0000	19.2933	-0.706730	-3.5
Standard 7		6301586	100.000	69.4788	-30.5212	-30.5

Curve Type: Linear Equation: y = 90691.0 x + 487.3

Mg 285.213 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999788

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		96.1668	0.000000	-0.001375	-	-
Standard 1		442.737	0.010000	0.010173	0.000173	1.7
Standard 2		1643.12	0.050000	0.050171	0.000171	0.3
Standard 3		6036.71	0.200000	0.196570	-0.003430	-1.7
Standard 4		30296.0	1.00000	1.00492	0.004915	0.5
Standard 5		155528	5.00000	5.17778	0.177777	3.6
Standard 6		619653	20.0000	20.6429	0.642925	3.2
Standard 7		2810361	100.000	93.6396	-6.36038	-6.4

Curve Type: Linear Equation: y = 30011.1 x + 137.4

Mn 257.610 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999906

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.40936	0.000000	-0.000024	-	-
Standard 2		717.448	0.005000	0.005261	0.000261	5.2
Standard 3		2659.97	0.020000	0.019658	-0.000342	-1.7
Standard 4		13261.7	0.100000	0.098231	-0.001769	-1.8
Standard 5		70212.4	0.500000	0.520318	0.020318	4.1
Standard 6		266753	2.00000	1.97696	-0.023037	-1.2

Curve Type: Linear Equation: y = 134926.7 x + 7.6

Mn 259.372 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999904

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		25.3669	0.000000	-0.000015	-	-
Standard 2		552.236	0.005000	0.005284	0.000284	5.7
Standard 3		2003.05	0.020000	0.019876	-0.000124	-0.6
Standard 4		9820.19	0.100000	0.098495	-0.001505	-1.5
Standard 5		51751.3	0.500000	0.520210	0.020210	4.0
Standard 6		196398	2.00000	1.97496	-0.025037	-1.3

Curve Type: Linear Equation: y = 99430.1 x + 26.8

Mn 260.568 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999983

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.95122	0.000000	0.000030	-	-
Standard 2		95.4445	0.005000	0.005064	0.000064	1.3
Standard 3		359.575	0.020000	0.019758	-0.000242	-1.2
Standard 4		1781.66	0.100000	0.098867	-0.001133	-1.1
Standard 5		9222.67	0.500000	0.512800	0.012800	2.6
Standard 6		36097.2	2.00000	2.00779	0.007794	0.4

Curve Type: Linear Equation: y = 17976.4 x + 4.4

Mo 202.032 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999981

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		12.7527	0.000000	-0.000171	-	-
Standard 2		77.1972	0.010000	0.020521	0.010521	105.2
Standard 3		141.188	0.040000	0.041069	0.001069	2.7
Standard 4		583.894	0.200000	0.183218	-0.016782	-8.4
Standard 5		3164.47	1.00000	1.01182	0.011820	1.2
Standard 6		12657.3	4.00000	4.05990	0.059896	1.5

Maximum error exceeded.
Curve Type: Linear Equation: y = 3114.4 x + 13.3

Mo 203.846 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999973

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.56927	0.000000	-0.001030	-	-
Standard 2		28.8563	0.010000	0.017981	0.007981	79.8
Standard 3		56.7834	0.040000	0.040780	0.000780	1.9
Standard 4		237.933	0.200000	0.188663	-0.011337	-5.7
Standard 5		1285.10	1.00000	1.04353	0.043529	4.4
Standard 6		5218.35	4.00000	4.25449	0.254486	6.4

Curve Type: Linear Equation: y = 1224.9 x + 6.8

Mo 204.598 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999969

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.06520	0.000000	-0.000015	-	-
Standard 2		32.7996	0.010000	0.019799	0.009799	98.0
Standard 3		63.6286	0.040000	0.041057	0.001057	2.6
Standard 4		273.603	0.200000	0.185846	-0.014154	-7.1
Standard 5		1503.06	1.00000	1.03363	0.033627	3.4
Standard 6		6112.79	4.00000	4.21228	0.212283	5.3

Curve Type: Linear Equation: y = 1450.2 x + 4.1

Na 568.821 Calibration (mg/L) 11/3/2011, 10:46:03 AM Correlation Coefficient: 0.999709

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		110.731	0.000000	0.905595	-	-
Standard 4		275.347	1.00000	1.52130	0.521304	52.1
Standard 5		1195.87	5.00000	4.96432	-0.035678	-0.7
Standard 6		4752.02	20.0000	18.2653	-1.73474	-8.7
Standard 7		26696.5	100.000	100.344	0.343513	0.3

Curve Type: Linear Equation: y = 267.4 x + -131.4

Na 588.995 Calibration (mg/L) 11/3/2011, 10:41:50 AM Correlation Coefficient: 0.999257

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		138617	0.000000	-0.248299	-	-
Standard 4		603889	1.00000	0.843184	-0.156816	-15.7
Standard 5		2601631	5.00000	5.52970	0.529698	10.6
Standard 6		8716845	20.0000	19.8754	-0.124584	-0.6

Curve Type: Linear Equation: y = 426274.6 x + 244460.8

Na 589.592 Calibration (mg/L) 11/3/2011, 10:46:03 AM Correlation Coefficient: 0.999902

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		55459.7	0.000000	-0.521783	-	-
Standard 4		300132	1.00000	0.586835	-0.413165	-41.3
Standard 5		1312833	5.00000	5.17541	0.175406	3.5
Standard 6		4795450	20.0000	20.9552	0.955225	4.8
Standard 7		22197498	100.000	99.8043	-0.195686	-0.2

Curve Type: Linear Equation: y = 220700.7 x + 170617.5

Ni 216.555 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999954

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.93362	0.000000	0.000333	-	-
Standard 2		50.1278	0.010000	0.010519	0.000519	5.2
Standard 3		178.834	0.040000	0.039527	-0.000473	-1.2
Standard 4		885.598	0.200000	0.198818	-0.001182	-0.6
Standard 5		4594.37	1.00000	1.03471	0.034707	3.5
Standard 6		17708.5	4.00000	3.99040	-0.009604	-0.2

Curve Type: Linear Equation: y = 4436.9 x + 3.5

Ni 221.648 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999971

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.94561	0.000000	-0.000451	-	-
Standard 2		23.0376	0.010000	0.010689	0.000689	6.9
Standard 3		73.6823	0.040000	0.038771	-0.001229	-3.1
Standard 4		357.916	0.200000	0.196374	-0.003626	-1.8
Standard 5		1852.40	1.00000	1.02504	0.025039	2.5
Standard 6		7192.11	4.00000	3.98582	-0.014177	-0.4

Curve Type: Linear Equation: y = 1803.5 x + 3.8

Ni 231.604 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999946

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.43008	0.000000	-0.000252	-	-
Standard 2		38.9022	0.010000	0.010281	0.000281	2.8
Standard 3		125.480	0.040000	0.039257	-0.000743	-1.9
Standard 4		598.212	0.200000	0.197471	-0.002529	-1.3
Standard 5		3108.17	1.00000	1.03750	0.037505	3.8
Standard 6		11936.4	4.00000	3.99212	-0.007877	-0.2

Curve Type: Linear Equation: y = 2987.9 x + 8.2

P 177.434 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999990

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.673709	0.000000	0.004928	-	-
Standard 3		1.10291	0.020000	0.015515	-0.004485	-22.4
Standard 4		4.40292	0.100000	0.096917	-0.003083	-3.1
Standard 5		20.6412	0.500000	0.497470	-0.002530	-0.5
Standard 6		81.6922	2.00000	2.00343	0.003434	0.2

Curve Type: Linear Equation: y = 40.5 x + 0.5

P 213.618 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999978

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.084342	0.000000	0.000349	-	-
Standard 3		9.95879	0.020000	0.019847	-0.000153	-0.8
Standard 4		48.5644	0.100000	0.096078	-0.003922	-3.9
Standard 5		259.202	0.500000	0.512003	0.012003	2.4
Standard 6		1015.06	2.00000	2.00453	0.004526	0.2

Curve Type: Linear Equation: y = 506.4 x + -0.1

P 214.914 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999939

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.95093	0.000000	0.013608	-	-
Standard 3		2.45639	0.020000	0.016881	-0.003119	-15.6
Standard 4		16.6094	0.100000	0.108520	0.008520	8.5
Standard 5		78.0324	0.500000	0.506227	0.006227	1.2
Standard 6		299.857	2.00000	1.94252	-0.057482	-2.9

Curve Type: Linear Equation: y = 154.4 x + -0.2

Pb 220.353 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999971

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.71647	0.000000	0.000129	-	-
Standard 2		13.2903	0.010000	0.008914	-0.001086	-10.9
Standard 3		41.4151	0.040000	0.037731	-0.002269	-5.7
Standard 4		196.511	0.200000	0.196643	-0.003357	-1.7
Standard 5		1006.11	1.00000	1.02617	0.026165	2.6
Standard 6		3901.81	4.00000	3.99312	-0.006885	-0.2

Curve Type: Linear Equation: y = 976.0 x + 4.6

Pb 261.417 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999981

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		8.67069	0.000000	0.003534	-	-
Standard 2		16.4334	0.010000	0.019212	0.009212	92.1
Standard 3		26.0903	0.040000	0.038717	-0.001283	-3.2
Standard 4		98.6135	0.200000	0.185193	-0.014807	-7.4
Standard 5		508.156	1.00000	1.01236	0.012356	1.2
Standard 6		1984.22	4.00000	3.99360	-0.006397	-0.2

Curve Type: Linear Equation: y = 495.1 x + 6.9

Pb 405.781 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999993

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		97.6856	0.000000	0.009438	-	-
Standard 2		96.9440	0.010000	0.008869	-0.001131	-11.3
Standard 3		134.979	0.040000	0.038038	-0.001962	-4.9
Standard 4		341.648	0.200000	0.196532	-0.003468	-1.7
Standard 5		1398.88	1.00000	1.00732	0.007315	0.7
Standard 6		5284.09	4.00000	3.98686	-0.013138	-0.3

Curve Type: Linear Equation: y = 1304.0 x + 85.4

Sb 206.834 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999317

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.18625	0.000000	-0.003584	-	-
Standard 3		31.2512	0.040000	0.044059	0.004059	10.1
Standard 4		119.270	0.200000	0.199002	-0.000998	-0.5
Standard 5		610.495	1.00000	1.06373	0.063726	6.4
Standard 6		2119.19	4.00000	3.71954	-0.280462	-7.0

Curve Type: Linear Equation: y = 568.1 x + 6.2

Sb 231.146 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999345

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.92615	0.000000	-0.003803	-	-
Standard 3		24.3192	0.040000	0.040157	0.000157	0.4
Standard 4		98.8256	0.200000	0.200766	0.000766	0.4
Standard 5		498.332	1.00000	1.06195	0.061954	6.2
Standard 6		1734.07	4.00000	3.72574	-0.274258	-6.9

Curve Type: Linear Equation: y = 463.9 x + 5.7

Sb 259.804 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999347

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		11.7667	0.000000	0.000304	-	-
Standard 3		26.3646	0.040000	0.039007	-0.000993	-2.5
Standard 4		86.1690	0.200000	0.197564	-0.002436	-1.2
Standard 5		421.740	1.00000	1.08725	0.087251	8.7
Standard 6		1451.57	4.00000	3.81761	-0.182388	-4.6

Curve Type: Linear Equation: y = 377.2 x + 11.7

Se 196.026 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999974

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.16731	0.000000	0.004380	-	-
Standard 2		6.62387	0.010000	0.010878	0.000878	8.8
Standard 3		12.6595	0.040000	0.037804	-0.002196	-5.5
Standard 4		46.5257	0.200000	0.188887	-0.011113	-5.6
Standard 5		234.403	1.00000	1.02704	0.027041	2.7
Standard 6		946.422	4.00000	4.20349	0.203493	5.1

Curve Type: Linear Equation: y = 224.2 x + 4.2

Se 203.985 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999947

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.81566	0.000000	0.007358	-	-
Standard 2		2.90006	0.010000	0.007990	-0.002010	-20.1
Standard 3		7.67360	0.040000	0.043756	0.003756	9.4
Standard 4		26.0602	0.200000	0.181516	-0.018484	-9.2
Standard 5		138.239	1.00000	1.02201	0.022014	2.2
Standard 6		564.918	4.00000	4.21888	0.218880	5.5

Curve Type: Linear Equation: y = 133.5 x + 1.8

Si 250.690 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999810

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		134.519	0.000000	-0.003292	-	-
Standard 2		153.136	0.010000	0.012626	0.002626	26.3
Standard 3		181.750	0.040000	0.037092	-0.002908	-7.3
Standard 4		383.627	0.200000	0.209704	0.009704	4.9
Standard 5		1363.32	1.00000	1.04737	0.047371	4.7
Standard 6		4691.24	4.00000	3.89286	-0.107142	-2.7

Curve Type: Linear Equation: y = 1169.5 x + 138.4

Si 251.611 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999821

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		151.731	0.000000	-0.000935	-	-
Standard 2		170.504	0.010000	0.012705	0.002705	27.0
Standard 3		206.925	0.040000	0.039167	-0.000833	-2.1
Standard 4		447.509	0.200000	0.213960	0.013960	7.0
Standard 5		1572.22	1.00000	1.03111	0.031107	3.1
Standard 6		5434.16	4.00000	3.83697	-0.163028	-4.1

Curve Type: Linear Equation: y = 1376.4 x + 153.0

Si 288.158 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999871

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1440.31	0.000000	0.003608	-	-
Standard 2		1489.61	0.010000	0.011233	0.001233	12.3
Standard 3		1653.35	0.040000	0.036560	-0.003440	-8.6
Standard 4		2840.70	0.200000	0.220217	0.020217	10.1
Standard 5		8282.38	1.00000	1.06192	0.061925	6.2
Standard 6		27252.5	4.00000	3.99618	-0.003821	-0.1

Curve Type: Linear Equation: y = 6465.0 x + 1417.0

Sn 189.927 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999976

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.54837	0.000000	-0.000948	-	-
Standard 2		4.44563	0.010000	0.013058	0.003058	30.6
Standard 3		9.99789	0.040000	0.039898	-0.000102	-0.3
Standard 4		42.2326	0.200000	0.195726	-0.004274	-2.1
Standard 5		213.159	1.00000	1.02202	0.022015	2.2
Standard 6		825.712	4.00000	3.98320	-0.016795	-0.4

Curve Type: Linear Equation: y = 206.9 x + 1.7

Sn 283.998 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999967

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		8.87057	0.000000	0.000391	-	-
Standard 2		19.0109	0.010000	0.008255	-0.001745	-17.5
Standard 3		61.1239	0.040000	0.040914	0.000914	2.3
Standard 4		266.227	0.200000	0.199972	-0.000028	0.0
Standard 5		1347.18	1.00000	1.03826	0.038256	3.8
Standard 6		5202.60	4.00000	4.02814	0.028138	0.7

Curve Type: Linear Equation: y = 1289.5 x + 8.4

Sr 216.596 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999958

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		18.4715	0.000000	0.000259	-	-
Standard 2		54.7855	0.005000	0.004935	-0.000065	-1.3
Standard 3		169.848	0.020000	0.019752	-0.000248	-1.2
Standard 4		786.272	0.100000	0.099130	-0.000870	-0.9
Standard 5		4024.33	0.500000	0.516100	0.016100	3.2
Standard 6		15500.8	2.00000	1.99395	-0.006054	-0.3

Curve Type: Linear Equation: y = 7765.7 x + 16.5

Sr 407.771 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999914

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5711.13	0.000000	-0.000001	-	-
Standard 2		18530.2	0.005000	0.005084	0.000084	1.7
Standard 3		56195.1	0.020000	0.020025	0.000025	0.1
Standard 4		260000	0.100000	0.100870	0.000870	0.9
Standard 5		1291040	0.500000	0.509863	0.009863	2.0
Standard 6		4892711	2.00000	1.93857	-0.061428	-3.1

Curve Type: Linear Equation: y = 2520926.5 x + 5713.2

Sr 421.552 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999957

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3408.90	0.000000	-0.000000	-	-
Standard 2		11383.4	0.005000	0.005094	0.000094	1.9
Standard 3		34713.5	0.020000	0.019995	-0.000005	0.0
Standard 4		160859	0.100000	0.100569	0.000569	0.6
Standard 5		801530	0.500000	0.509790	0.009790	2.0
Standard 6		3083273	2.00000	1.96723	-0.032773	-1.6

Curve Type: Linear Equation: y = 1565587.1 x + 3408.9

Ti 334.941 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999983

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		89.5177	0.000000	-0.000215	-	-
Standard 2		1280.27	0.005000	0.006046	0.001046	20.9
Standard 3		3942.69	0.020000	0.020046	0.000046	0.2
Standard 4		19207.4	0.100000	0.100308	0.000308	0.3
Standard 5		96864.8	0.500000	0.508636	0.008636	1.7
Standard 6		378280	2.00000	1.98833	-0.011666	-0.6

Curve Type: Linear Equation: y = 190184.0 x + 130.3

Ti 336.122 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999954

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.3392	0.000000	-0.000010	-	-
Standard 2		520.003	0.005000	0.006226	0.001226	24.5
Standard 3		1669.34	0.020000	0.020372	0.000372	1.9
Standard 4		8186.69	0.100000	0.100588	0.000588	0.6
Standard 5		41938.0	0.500000	0.516003	0.016003	3.2
Standard 6		161515	2.00000	1.98778	-0.012222	-0.6

Curve Type: Linear Equation: y = 81247.1 x + 14.2

Ti 337.280 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999984

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.86925	0.000000	-0.000078	-	-
Standard 2		176.382	0.005000	0.005691	0.000691	13.8
Standard 3		581.611	0.020000	0.019563	-0.000437	-2.2
Standard 4		2883.81	0.100000	0.098377	-0.001623	-1.6
Standard 5		14924.1	0.500000	0.510567	0.010567	2.1
Standard 6		58430.8	2.00000	1.99998	-0.000016	0.0

Curve Type: Linear Equation: y = 29210.6 x + 10.2

Tl 190.794 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999967

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.96176	0.000000	0.000231	-	-
Standard 3		5.77907	0.020000	0.013667	-0.006333	-31.7
Standard 4		28.1291	0.100000	0.092334	-0.007666	-7.7
Standard 5		149.600	0.500000	0.519888	0.019888	4.0
Standard 6		582.279	2.00000	2.04283	0.042832	2.1

Curve Type: Linear Equation: y = 284.1 x + 1.9

Tl 190.807 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999984

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.711517	0.000000	0.000610	-	-
Standard 3		3.17034	0.020000	0.016082	-0.003918	-19.6
Standard 4		15.9902	0.100000	0.096750	-0.003250	-3.2
Standard 5		81.1385	0.500000	0.506696	0.006696	1.3
Standard 6		317.432	2.00000	1.99357	-0.006427	-0.3

Curve Type: Linear Equation: y = 158.9 x + 0.6

Tl 351.923 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999957

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.61131	0.000000	-0.002875	-	-
Standard 3		35.9909	0.020000	0.025770	0.005770	28.9
Standard 4		127.334	0.100000	0.104158	0.004158	4.2
Standard 5		607.238	0.500000	0.515996	0.015996	3.2
Standard 6		2328.45	2.00000	1.99308	-0.006922	-0.3

Curve Type: Linear Equation: y = 1165.3 x + 6.0

V 268.796 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999985

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		19.5080	0.000000	-0.000000	-	-
Standard 2		62.5749	0.005000	0.005413	0.000413	8.3
Standard 3		177.925	0.020000	0.019912	-0.000088	-0.4
Standard 4		802.874	0.100000	0.098463	-0.001537	-1.5
Standard 5		4062.35	0.500000	0.508152	0.008152	1.6
Standard 6		15859.6	2.00000	1.99097	-0.009033	-0.5

Curve Type: Linear Equation: y = 7956.0 x + 19.5

V 292.401 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999962

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		21.2190	0.000000	-0.000008	-	-
Standard 2		180.712	0.005000	0.005021	0.000021	0.4
Standard 3		641.352	0.020000	0.019545	-0.000455	-2.3
Standard 4		3156.22	0.100000	0.098844	-0.001156	-1.2
Standard 5		16380.7	0.500000	0.515836	0.015836	3.2
Standard 6		63360.2	2.00000	1.99719	-0.002814	-0.1

Curve Type: Linear Equation: y = 31714.0 x + 21.5

V 311.837 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999953

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		9.50348	0.000000	0.000216	-	-
Standard 2		196.287	0.005000	0.004489	-0.000511	-10.2
Standard 3		795.282	0.020000	0.018194	-0.001806	-9.0
Standard 4		4269.23	0.100000	0.097675	-0.002325	-2.3
Standard 5		22794.7	0.500000	0.521523	0.021523	4.3
Standard 6		88094.9	2.00000	2.01554	0.015539	0.8

Curve Type: Linear Equation: y = 43707.8 x + 0.1

Zn 202.548 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999963

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		506.114	0.000000	-0.001462	-	-
Standard 2		560.062	0.005000	0.006064	0.001064	21.3
Standard 3		660.050	0.020000	0.020013	0.000013	0.1
Standard 4		1213.96	0.100000	0.097284	-0.002716	-2.7
Standard 5		4170.18	0.500000	0.509681	0.009681	1.9
Standard 6		14672.7	2.00000	1.97480	-0.025198	-1.3

Curve Type: Linear Equation: y = 7168.4 x + 516.6

Zn 206.200 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999966

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		164.655	0.000000	-0.002201	-	-
Standard 2		182.368	0.005000	0.005402	0.000402	8.0
Standard 3		215.658	0.020000	0.019691	-0.000309	-1.5
Standard 4		395.304	0.100000	0.096803	-0.003197	-3.2
Standard 5		1360.83	0.500000	0.511246	0.011246	2.2
Standard 6		4797.18	2.00000	1.98627	-0.013730	-0.7

Curve Type: Linear Equation: y = 2329.7 x + 169.8

Zn 213.857 Calibration (mg/L) 11/3/2011, 11:10:14 AM Correlation Coefficient: 0.999979

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1037.71	0.000000	0.000003	-	-
Standard 2		1113.90	0.005000	0.005178	0.000178	3.6
Standard 3		1328.02	0.020000	0.019723	-0.000277	-1.4
Standard 4		2480.89	0.100000	0.098031	-0.001969	-2.0
Standard 5		8556.32	0.500000	0.510700	0.010700	2.1
Standard 6		30405.0	2.00000	1.99476	-0.005238	-0.3

Curve Type: Linear Equation: y = 14722.2 x + 1037.7

SEQ-ICV1 (Samp) 11/3/2011, 11:15:40 AM Rack 1, Tube 1
M_200.7_T_WW ICV
Weight: 1 Volume: 1 Dilution: 1

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.528244	mg/L	0.000562	0.1	24348.8	0.528244 mg/L	Y 371.029
Ag 338.289	0.528102	mg/L	0.000470	0.1	1489.60	0.528102 mg/L	Y 371.029
Al 237.312	5.26641	mg/L	0.014678	0.3	7104.22	5.26641 mg/L	Y 371.029
Al 257.509	5.21834	mg/L	0.019984	0.4	3043.38	5.21834 mg/L	Y 371.029
Al 308.215	5.31646	mg/L	0.011837	0.2	28837.1	5.31646 mg/L	Y 371.029
As 188.980	1.04365	mg/L	0.015682	1.5	299.322	1.04365 mg/L	Y 371.029
As 193.696	1.02712	mg/L	0.001379	0.1	338.453	1.02712 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.060242	4.1	1394.61	uncal mg/L	Y 371.029
B 182.577	1.01973	mg/L	0.023420	2.3	441.483	1.01973 mg/L	Y 371.029
B 249.678	1.01990	mg/L	0.012215	1.2	8002.68	1.01990 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 249.772	1.02918	mg/L	0.011210	1.1	17638.9	1.02918 mg/L	Y 371.029
Ba 233.527	1.04975	mg/L	0.002369	0.2	35399.9	1.04975 mg/L	Y 371.029
Ba 455.403	1.02206	mg/L	0.003013	0.3	970448	1.02206 mg/L	Y 371.029
Ba 493.408	1.02370	mg/L	0.000857	0.1	566507	1.02370 mg/L	Y 371.029
Be 234.861	1.04104	mg/L	0.001361	0.1	104420	1.04104 mg/L	Y 371.029
Be 313.042	1.04246	mg/L	0.001459	0.1	1614142	1.04246 mg/L	Y 371.029
Be 313.107	1.03862	mg/L	0.001265	0.1	768136	1.03862 mg/L	Y 371.029
Ca 393.366	9.41900n	mg/L	0.012409	0.1	12158037	9.41900 mg/L	Y 371.029
Ca 396.847	9.07476	mg/L	0.012797	0.1	18056064	9.07476 mg/L	Y 371.029
Ca 430.253	9.96568	mg/L	0.023366	0.2	37753.8	9.96568 mg/L	Y 371.029
Cd 214.439	1.04544	mg/L	0.020014	1.9	16838.1	1.04544 mg/L	Y 371.029
Cd 226.502	1.04426	mg/L	0.002584	0.2	30981.7	1.04426 mg/L	Y 371.029
Cd 228.802	1.02726	mg/L	0.011118	1.1	13562.4	1.02726 mg/L	Y 371.029
Co 228.615	1.06595	mg/L	0.009681	0.9	8742.84	1.06595 mg/L	Y 371.029
Co 230.786	1.05816	mg/L	0.003001	0.3	5682.43	1.05816 mg/L	Y 371.029
Co 238.892	1.02420	mg/L	0.002543	0.2	5203.46	1.02420 mg/L	Y 371.029
Cr 205.560	1.03309	mg/L	0.004620	0.4	3776.91	1.03309 mg/L	Y 371.029
Cr 206.158	1.04804	mg/L	0.005628	0.5	1597.16	1.04804 mg/L	Y 371.029
Cr 267.716	1.02971	mg/L	0.002069	0.2	19562.1	1.02971 mg/L	Y 371.029
Cu 213.598	1.04048	mg/L	0.005751	0.6	3255.83	1.04048 mg/L	Y 371.029
Cu 324.754	1.04406	mg/L	0.005551	0.5	35802.2	1.04406 mg/L	Y 371.029
Cu 327.395	1.04841	mg/L	0.002204	0.2	45226.9	1.04841 mg/L	Y 371.029
Fe 234.350	5.36476	mg/L	0.008046	0.1	39853.2	5.36476 mg/L	Y 371.029
Fe 238.204	5.24495	mg/L	0.042676	0.8	85146.6	5.24495 mg/L	Y 371.029
Fe 259.940	5.32150	mg/L	0.044308	0.8	72484.4	5.32150 mg/L	Y 371.029
Ga 287.423	1.02146	mg/L	0.000407	0.0	2337.00	1.02146 mg/L	Y 371.029
Ga 294.363	1.02635	mg/L	0.003014	0.3	6013.77	1.02635 mg/L	Y 371.029
Ga 417.204	1.01060	mg/L	0.004192	0.4	9285.06	1.01060 mg/L	Y 371.029
K 766.491	10.4431	mg/L	0.015667	0.2	574295	10.4431 mg/L	Y 371.029
K 769.897	10.5995	mg/L	0.050846	0.5	488589	10.5995 mg/L	Y 371.029
Li 610.365	1.05881	mg/L	0.001552	0.1	42888.5	1.05881 mg/L	Y 371.029
Li 670.783	1.11893	mg/L	0.002313	0.2	2889568	1.11893 mg/L	Y 371.029
Mg 279.078	10.4350	mg/L	0.016843	0.2	13714.6	10.4350 mg/L	Y 371.029
Mg 280.270	10.3643	mg/L	0.025990	0.3	940645	10.3643 mg/L	Y 371.029
Mg 285.213	10.8593	mg/L	0.076333	0.7	326074	10.8593 mg/L	Y 371.029
Mn 257.610	1.01416	mg/L	0.010631	1.0	138767	1.01416 mg/L	Y 371.029
Mn 259.372	1.01446	mg/L	0.014463	1.4	102455	1.01446 mg/L	Y 371.029
Mn 260.568	1.02870	mg/L	0.002849	0.3	18601.6	1.02870 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.026809	2.6	3228.57	uncal mg/L	Y 371.029
Mo 203.846	1.05580	mg/L	0.024430	2.3	1309.58	1.05580 mg/L	Y 371.029
Mo 204.598	1.04621	mg/L	0.022360	2.1	1532.63	1.04621 mg/L	Y 371.029
Na 568.821	9.60938	mg/L	0.047803	0.5	2466.81	9.60938 mg/L	Y 371.029
Na 588.995	10.5770	mg/L	0.038753	0.4	4758353	10.5770 mg/L	Y 371.029
Na 589.592	11.2384	mg/L	0.071935	0.6	2654415	11.2384 mg/L	Y 371.029
Ni 216.555	1.05055	mg/L	0.002042	0.2	4685.70	1.05055 mg/L	Y 371.029
Ni 221.648	1.04048	mg/L	0.001444	0.1	1888.33	1.04048 mg/L	Y 371.029
Ni 231.604	1.05002	mg/L	0.006537	0.6	3160.03	1.05002 mg/L	Y 371.029
P 177.434	1.02858	mg/L	0.034620	3.4	42.3077	1.02858 mg/L	Y 371.029
P 213.618	1.04616	mg/L	0.004904	0.5	545.054	1.04616 mg/L	Y 371.029
P 214.914	1.03592	mg/L	0.007235	0.7	167.276	1.03592 mg/L	Y 371.029
Pb 220.353	1.04606	mg/L	0.004996	0.5	1025.96	1.04606 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Pb 261.417	0.822610	mg/L	0.005284	0.6	412.360	0.822610 mg/L	Y 371.029
Pb 405.781	0.999098	mg/L	0.009961	1.0	1403.32	0.999098 mg/L	Y 371.029
Sb 206.834	0.871011	mg/L	0.006089	0.7	506.866	0.871011 mg/L	Y 371.029
Sb 231.146	0.912697	mg/L	0.011442	1.3	436.156	0.912697 mg/L	Y 371.029
Sb 259.804	0.672148	mg/L	0.016878	2.5	273.125	0.672148 mg/L	Y 371.029
Se 196.026	1.05487	mg/L	0.031745	3.0	241.136	1.05487 mg/L	Y 371.029
Se 203.985	1.11736	mg/L	0.031125	2.8	164.399	1.11736 mg/L	Y 371.029
Si 250.690	1.03067	mg/L	0.003602	0.3	1361.72	1.03067 mg/L	Y 371.029
Si 251.611	0.996443	mg/L	0.002675	0.3	1561.49	0.996443 mg/L	Y 371.029
Si 288.158	1.03535	mg/L	0.004621	0.4	8140.42	1.03535 mg/L	Y 371.029
Sn 189.927	1.03566	mg/L	0.001590	0.2	216.122	1.03566 mg/L	Y 371.029
Sn 283.998	1.12214	mg/L	0.004042	0.4	2377.35	1.12214 mg/L	Y 371.029
Sr 216.596	1.09870	mg/L	0.001138	0.1	8560.19	1.09870 mg/L	Y 371.029
Sr 407.771	1.05420	mg/L	0.007555	0.7	2663961	1.05420 mg/L	Y 371.029
Sr 421.552	1.06268	mg/L	0.003341	0.3	1667593	1.06268 mg/L	Y 371.029
Ti 334.941	1.03325	mg/L	0.005643	0.5	196945	1.03325 mg/L	Y 371.029
Ti 336.122	1.03204	mg/L	0.005878	0.6	83982.0	1.03204 mg/L	Y 371.029
Ti 337.280	1.04302	mg/L	0.002487	0.2	30519.1	1.04302 mg/L	Y 371.029
Tl 190.794	1.06254	mg/L	0.003127	0.3	305.153	1.06254 mg/L	Y 371.029
Tl 190.807	1.02520	mg/L	0.008631	0.8	164.047	1.02520 mg/L	Y 371.029
Tl 351.923	1.03152	mg/L	0.009947	1.0	1209.53	1.03152 mg/L	Y 371.029
V 268.796	0.971678	mg/L	0.004742	0.5	8661.67	0.971678 mg/L	Y 371.029
V 292.401	1.04167	mg/L	0.001144	0.1	33138.3	1.04167 mg/L	Y 371.029
V 311.837	1.05067	mg/L	0.002023	0.2	46019.8	1.05067 mg/L	Y 371.029
Zn 202.548	1.07930	mg/L	0.002187	0.2	8350.89	1.07930 mg/L	Y 371.029
Zn 206.200	1.06647	mg/L	0.003513	0.3	2665.51	1.06647 mg/L	Y 371.029
Zn 213.857	1.05779	mg/L	0.022297	2.1	16789.2	1.05779 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.09950	8816.64	94.733	1.1
Y 371.029	0.924707	152491	1558.686	1.0

SEQ-ICV2 (Samp) **11/3/2011, 11:22:12 AM** **Rack 1, Tube 2**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.509426	mg/L	0.000414	0.1	23493.0	0.509426 mg/L	Y 371.029
Ag 338.289	0.511264	mg/L	0.001912	0.4	1442.18	0.511264 mg/L	Y 371.029
Al 237.312	5.08968	mg/L	0.009626	0.2	6867.96	5.08968 mg/L	Y 371.029
Al 257.509	5.06075	mg/L	0.021193	0.4	2951.92	5.06075 mg/L	Y 371.029
Al 308.215	5.13842	mg/L	0.006012	0.1	27892.9	5.13842 mg/L	Y 371.029
As 188.980	1.00845	mg/L	0.003358	0.3	289.362	1.00845 mg/L	Y 371.029
As 193.696	0.998175	mg/L	0.004933	0.5	328.993	0.998175 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.017431	0.8	1670.40	uncal mg/L	Y 371.029
B 182.577	0.990381	mg/L	0.013095	1.3	428.944	0.990381 mg/L	Y 371.029
B 249.678	0.981960	mg/L	0.026684	2.7	7707.53	0.981960 mg/L	Y 371.029
B 249.772	0.989806	mg/L	0.029137	2.9	16969.7	0.989806 mg/L	Y 371.029
Ba 233.527	1.01536	mg/L	0.000976	0.1	34245.7	1.01536 mg/L	Y 371.029
Ba 455.403	0.991384	mg/L	0.001535	0.2	941455	0.991384 mg/L	Y 371.029
Ba 493.408	0.992776	mg/L	0.001879	0.2	549477	0.992776 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 234.861	1.00485	mg/L	0.000629	0.1	100790	1.00485 mg/L	Y 371.029
Be 313.042	1.00879	mg/L	0.001170	0.1	1562064	1.00879 mg/L	Y 371.029
Be 313.107	1.00616	mg/L	0.001230	0.1	744130	1.00616 mg/L	Y 371.029
Ca 393.366	9.16892n	mg/L	0.005508	0.1	11836203	9.16892 mg/L	Y 371.029
Ca 396.847	8.81217	mg/L	0.007499	0.1	17534968	8.81217 mg/L	Y 371.029
Ca 430.253	9.64494	mg/L	0.013373	0.1	36564.2	9.64494 mg/L	Y 371.029
Cd 214.439	0.997125	mg/L	0.005296	0.5	16060.2	0.997125 mg/L	Y 371.029
Cd 226.502	1.00990	mg/L	0.002261	0.2	29962.7	1.00990 mg/L	Y 371.029
Cd 228.802	0.985915	mg/L	0.004689	0.5	13017.1	0.985915 mg/L	Y 371.029
Co 228.615	1.02976	mg/L	0.000787	0.1	8446.04	1.02976 mg/L	Y 371.029
Co 230.786	1.02130	mg/L	0.003385	0.3	5484.58	1.02130 mg/L	Y 371.029
Co 238.892	0.992413	mg/L	0.004952	0.5	5042.13	0.992413 mg/L	Y 371.029
Cr 205.560	0.996148	mg/L	0.000722	0.1	3641.95	0.996148 mg/L	Y 371.029
Cr 206.158	1.01420	mg/L	0.004797	0.5	1545.64	1.01420 mg/L	Y 371.029
Cr 267.716	0.994745	mg/L	0.001710	0.2	18898.4	0.994745 mg/L	Y 371.029
Cu 213.598	1.00307	mg/L	0.002471	0.2	3138.86	1.00307 mg/L	Y 371.029
Cu 324.754	1.01438	mg/L	0.004134	0.4	34797.4	1.01438 mg/L	Y 371.029
Cu 327.395	1.01940	mg/L	0.001086	0.1	43975.7	1.01940 mg/L	Y 371.029
Fe 234.350	5.18807	mg/L	0.010407	0.2	38541.3	5.18807 mg/L	Y 371.029
Fe 238.204	5.10544	mg/L	0.052197	1.0	82878.5	5.10544 mg/L	Y 371.029
Fe 259.940	5.17487	mg/L	0.044261	0.9	70485.6	5.17487 mg/L	Y 371.029
Ga 287.423	0.984897	mg/L	0.003566	0.4	2254.07	0.984897 mg/L	Y 371.029
Ga 294.363	0.993848	mg/L	0.000622	0.1	5823.59	0.993848 mg/L	Y 371.029
Ga 417.204	0.981204	mg/L	0.002503	0.3	9016.01	0.981204 mg/L	Y 371.029
K 766.491	10.1499	mg/L	0.021760	0.2	558219	10.1499 mg/L	Y 371.029
K 769.897	10.3138	mg/L	0.016153	0.2	475651	10.3138 mg/L	Y 371.029
Li 610.365	1.02113	mg/L	0.001356	0.1	41360.2	1.02113 mg/L	Y 371.029
Li 670.783	1.08522	mg/L	0.003271	0.3	2804096	1.08522 mg/L	Y 371.029
Mg 279.078	10.0801	mg/L	0.017180	0.2	13248.4	10.0801 mg/L	Y 371.029
Mg 280.270	10.0211	mg/L	0.031654	0.3	909519	10.0211 mg/L	Y 371.029
Mg 285.213	10.5799	mg/L	0.005123	0.0	317687	10.5799 mg/L	Y 371.029
Mn 257.610	0.996808	mg/L	0.006511	0.7	136361	0.996808 mg/L	Y 371.029
Mn 259.372	0.996458	mg/L	0.005297	0.5	100616	0.996458 mg/L	Y 371.029
Mn 260.568	0.996745	mg/L	0.007231	0.7	18023.6	0.996745 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.026974	2.7	3122.28	uncal mg/L	Y 371.029
Mo 203.846	1.02833	mg/L	0.031010	3.0	1275.66	1.02833 mg/L	Y 371.029
Mo 204.598	1.01607	mg/L	0.028189	2.8	1488.60	1.01607 mg/L	Y 371.029
Na 568.821	9.38750	mg/L	0.067309	0.7	2406.52	9.38750 mg/L	Y 371.029
Na 588.995	10.2708	mg/L	0.003120	0.0	4627680	10.2708 mg/L	Y 371.029
Na 589.592	10.8156	mg/L	0.021110	0.2	2560987	10.8156 mg/L	Y 371.029
Ni 216.555	1.01428	mg/L	0.002715	0.3	4524.08	1.01428 mg/L	Y 371.029
Ni 221.648	1.00486	mg/L	0.001020	0.1	1823.83	1.00486 mg/L	Y 371.029
Ni 231.604	1.01719	mg/L	0.007460	0.7	3061.47	1.01719 mg/L	Y 371.029
P 177.434	0.978491	mg/L	0.017199	1.8	40.2720	0.978491 mg/L	Y 371.029
P 213.618	1.00047	mg/L	0.005616	0.6	521.376	1.00047 mg/L	Y 371.029
P 214.914	1.00140	mg/L	0.010405	1.0	161.693	1.00140 mg/L	Y 371.029
Pb 220.353	1.01480	mg/L	0.003443	0.3	995.441	1.01480 mg/L	Y 371.029
Pb 261.417	0.795563	mg/L	0.005755	0.7	399.054	0.795563 mg/L	Y 371.029
Pb 405.781	0.973564	mg/L	0.013056	1.3	1369.63	0.973564 mg/L	Y 371.029
Sb 206.834	0.754462	mg/L	0.014339	1.9	440.464	0.754462 mg/L	Y 371.029
Sb 231.146	0.800025	mg/L	0.021359	2.7	383.656	0.800025 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 259.804	0.593371	mg/L	0.024918	4.2	243.131	0.593371 mg/L	Y 371.029
Se 196.026	1.02812	mg/L	0.035914	3.5	235.124	1.02812 mg/L	Y 371.029
Se 203.985	1.10673	mg/L	0.033327	3.0	162.550	1.10673 mg/L	Y 371.029
Si 250.690	0.987046	mg/L	0.004240	0.4	1310.13	0.987046 mg/L	Y 371.029
Si 251.611	0.959463	mg/L	0.001759	0.2	1509.47	0.959463 mg/L	Y 371.029
Si 288.158	0.994396	mg/L	0.004727	0.5	7874.66	0.994396 mg/L	Y 371.029
Sn 189.927	0.998123	mg/L	0.005436	0.5	208.353	0.998123 mg/L	Y 371.029
Sn 283.998	1.08350	mg/L	0.004448	0.4	2297.75	1.08350 mg/L	Y 371.029
Sr 216.596	1.06208	mg/L	0.001126	0.1	8275.40	1.06208 mg/L	Y 371.029
Sr 407.771	1.02029	mg/L	0.003129	0.3	2578462	1.02029 mg/L	Y 371.029
Sr 421.552	1.02258	mg/L	0.001906	0.2	1604800	1.02258 mg/L	Y 371.029
Ti 334.941	0.996132	mg/L	0.001082	0.1	189876	0.996132 mg/L	Y 371.029
Ti 336.122	0.995878	mg/L	0.000748	0.1	81040.0	0.995878 mg/L	Y 371.029
Ti 337.280	1.01263	mg/L	0.001880	0.2	29629.8	1.01263 mg/L	Y 371.029
Tl 190.794	1.02425	mg/L	0.011821	1.2	294.235	1.02425 mg/L	Y 371.029
Tl 190.807	0.992258	mg/L	0.002154	0.2	158.802	0.992258 mg/L	Y 371.029
Tl 351.923	1.00069	mg/L	0.016652	1.7	1173.57	1.00069 mg/L	Y 371.029
V 268.796	0.939848	mg/L	0.004805	0.5	8384.61	0.939848 mg/L	Y 371.029
V 292.401	1.00813	mg/L	0.000553	0.1	32071.8	1.00813 mg/L	Y 371.029
V 311.837	1.01753	mg/L	0.001574	0.2	44568.0	1.01753 mg/L	Y 371.029
Zn 202.548	1.03147	mg/L	0.002011	0.2	8004.71	1.03147 mg/L	Y 371.029
Zn 206.200	1.01888	mg/L	0.008956	0.9	2554.30	1.01888 mg/L	Y 371.029
Zn 213.857	0.997477	mg/L	0.009374	0.9	15895.4	0.997477 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.10518	8862.22	44.224	0.5
Y 371.029	0.930128	153385	659.384	0.4

SEQ-ICB1 (Samp) **11/3/2011, 11:29:41 AM** **Rack 1, Tube 3**
M_200.7_T_WW **ICB**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000485	mg/L	0.000111	22.9	345.233	0.000485 mg/L	Y 371.029
Ag 338.289	-0.000035uv	mg/L	0.000648	1860.6	2.66299	-0.000035 mg/L	Y 371.029
Al 237.312	-0.001367uv	mg/L	0.005228	382.6	62.8388	-0.001367 mg/L	Y 371.029
Al 257.509	0.011951	mg/L	0.001796	15.0	21.6477	0.011951 mg/L	Y 371.029
Al 308.215	0.001982	mg/L	0.001202	60.6	639.798	0.001982 mg/L	Y 371.029
As 188.980	0.004219	mg/L	0.003149	74.6	5.32469	0.004219 mg/L	Y 371.029
As 193.696	-0.001672uv	mg/L	0.002413	144.3	2.23264	-0.001672 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.008325	132.2	9.05188	uncal mg/L	Y 371.029
B 182.577	0.003582	mg/L	0.001533	42.8	7.46883	0.003582 mg/L	Y 371.029
B 249.678	0.003427	mg/L	0.001059	30.9	94.3658	0.003427 mg/L	Y 371.029
B 249.772	0.003987	mg/L	0.000449	11.3	203.786	0.003987 mg/L	Y 371.029
Ba 233.527	0.000305	mg/L	0.000051	16.6	175.659	0.000305 mg/L	Y 371.029
Ba 455.403	0.000171	mg/L	0.000008	5.0	4731.01	0.000171 mg/L	Y 371.029
Ba 493.408	0.000101	mg/L	0.000012	12.1	2825.08	0.000101 mg/L	Y 371.029
Be 234.861	0.000013	mg/L	0.000015	110.9	-0.745491	0.000013 mg/L	Y 371.029
Be 313.042	-0.000123uv	mg/L	0.000003	2.3	1743.37	-0.000123 mg/L	Y 371.029
Be 313.107	0.000021	mg/L	0.000012	58.0	31.2537	0.000021 mg/L	Y 371.029
Ca 393.366	-0.015382nuv	mg/L	0.000030	0.2	18962.5	-0.015382 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ca 396.847	-0.011593uv	mg/L	0.000032	0.3	26221.2	-0.011593 mg/L	Y 371.029
Ca 430.253	-0.016838uv	mg/L	0.002266	13.5	732.551	-0.016838 mg/L	Y 371.029
Cd 214.439	0.000060uv	mg/L	0.000165	274.8	5.48519	0.000060 mg/L	Y 371.029
Cd 226.502	0.000059uv	mg/L	0.000062	104.9	16.4995	0.000059 mg/L	Y 371.029
Cd 228.802	0.000076uv	mg/L	0.000110	144.0	15.4959	0.000076 mg/L	Y 371.029
Co 228.615	0.000410	mg/L	0.000277	67.4	4.38681	0.000410 mg/L	Y 371.029
Co 230.786	0.000523uv	mg/L	0.000688	131.5	7.71210	0.000523 mg/L	Y 371.029
Co 238.892	-0.000085uv	mg/L	0.000195	229.3	2.77496	-0.000085 mg/L	Y 371.029
Cr 205.560	0.000573	mg/L	0.000339	59.0	3.84621	0.000573 mg/L	Y 371.029
Cr 206.158	0.000250uv	mg/L	0.000485	193.7	2.26645	0.000250 mg/L	Y 371.029
Cr 267.716	0.000182	mg/L	0.000053	29.0	18.5457	0.000182 mg/L	Y 371.029
Cu 213.598	0.000506	mg/L	0.000545	107.7	1.64954	0.000506 mg/L	Y 371.029
Cu 324.754	-0.000743uv	mg/L	0.000156	21.0	422.555	-0.000743 mg/L	Y 371.029
Cu 327.395	0.000092	mg/L	0.000061	66.3	21.7303	0.000092 mg/L	Y 371.029
Fe 234.350	-0.000382uv	mg/L	0.000172	45.1	26.1910	-0.000382 mg/L	Y 371.029
Fe 238.204	0.000343	mg/L	0.000252	73.5	35.0955	0.000343 mg/L	Y 371.029
Fe 259.940	0.000442	mg/L	0.000264	59.7	47.0352	0.000442 mg/L	Y 371.029
Ga 287.423	0.003705	mg/L	0.001317	35.6	17.8481	0.003705 mg/L	Y 371.029
Ga 294.363	0.001105	mg/L	0.000720	65.2	15.1690	0.001105 mg/L	Y 371.029
Ga 417.204	-0.000036uv	mg/L	0.000240	664.2	38.9736	-0.000036 mg/L	Y 371.029
K 766.491	-0.001559uv	mg/L	0.000046	3.0	1736.67	-0.001559 mg/L	Y 371.029
K 769.897	-0.000607uv	mg/L	0.001343	221.2	8486.80	-0.000607 mg/L	Y 371.029
Li 610.365	0.001559	mg/L	0.000033	2.1	5.90646	0.001559 mg/L	Y 371.029
Li 670.783	0.000051	mg/L	0.000035	68.7	52988.0	0.000051 mg/L	Y 371.029
Mg 279.078	0.005514	mg/L	0.000559	10.1	12.1013	0.005514 mg/L	Y 371.029
Mg 280.270	-0.001871uv	mg/L	0.000057	3.0	318.050	-0.001871 mg/L	Y 371.029
Mg 285.213	-0.001695uv	mg/L	0.000023	1.4	86.6683	-0.001695 mg/L	Y 371.029
Mn 257.610	-0.000026uv	mg/L	0.000034	128.1	8.10706	-0.000026 mg/L	Y 371.029
Mn 259.372	0.000034	mg/L	0.000027	78.7	34.9318	0.000034 mg/L	Y 371.029
Mn 260.568	-0.000042uv	mg/L	0.000117	277.1	3.74582	-0.000042 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.002064	18.8	47.1950	uncal mg/L	Y 371.029
Mo 203.846	0.009078	mg/L	0.001608	17.7	17.8674	0.009078 mg/L	Y 371.029
Mo 204.598	0.010527	mg/L	0.003095	29.4	19.2534	0.010527 mg/L	Y 371.029
Na 568.821	0.916481	mg/L	0.073645	8.0	113.757	0.916481 mg/L	Y 371.029
Na 588.995	-0.249589uv	mg/L	0.000503	0.2	138067	-0.249589 mg/L	Y 371.029
Na 589.592	-0.524424uv	mg/L	0.000514	0.1	54876.7	-0.524424 mg/L	Y 371.029
Ni 216.555	-0.000112uv	mg/L	0.000443	396.0	2.96818	-0.000112 mg/L	Y 371.029
Ni 221.648	0.000302uv	mg/L	0.000943	312.2	4.30880	0.000302 mg/L	Y 371.029
Ni 231.604	0.000233uv	mg/L	0.000266	113.8	8.88909	0.000233 mg/L	Y 371.029
P 177.434	0.002792uv	mg/L	0.005395	193.2	0.587175	0.002792 mg/L	Y 371.029
P 213.618	0.001890uv	mg/L	0.003010	159.3	0.873513	0.001890 mg/L	Y 371.029
P 214.914	0.009414	mg/L	0.004912	52.2	1.31428	0.009414 mg/L	Y 371.029
Pb 220.353	0.000377uv	mg/L	0.001485	393.8	4.95933	0.000377 mg/L	Y 371.029
Pb 261.417	0.005789	mg/L	0.001767	30.5	9.77264	0.005789 mg/L	Y 371.029
Pb 405.781	0.003963	mg/L	0.004285	108.1	90.5627	0.003963 mg/L	Y 371.029
Sb 206.834	0.028671	mg/L	0.005037	17.6	22.5120	0.028671 mg/L	Y 371.029
Sb 231.146	0.026690	mg/L	0.001419	5.3	18.0947	0.026690 mg/L	Y 371.029
Sb 259.804	0.025479	mg/L	0.013670	53.7	21.2798	0.025479 mg/L	Y 371.029
Se 196.026	0.009992	mg/L	0.003523	35.3	6.42664	0.009992 mg/L	Y 371.029
Se 203.985	0.006954	mg/L	0.004136	59.5	2.76034	0.006954 mg/L	Y 371.029
Si 250.690	0.010774	mg/L	0.001343	12.5	150.967	0.010774 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Si 251.611	0.011879	mg/L	0.000368	3.1	169.521	0.011879 mg/L	Y 371.029
Si 288.158	0.006754	mg/L	0.001352	20.0	1460.78	0.006754 mg/L	Y 371.029
Sn 189.927	0.003079uv	mg/L	0.003974	129.1	2.38098	0.003079 mg/L	Y 371.029
Sn 283.998	0.002105uv	mg/L	0.002987	141.9	11.1592	0.002105 mg/L	Y 371.029
Sr 216.596	0.000098	mg/L	0.000083	84.2	17.2379	0.000098 mg/L	Y 371.029
Sr 407.771	-0.000115uv	mg/L	0.000001	1.3	5426.16	-0.000115 mg/L	Y 371.029
Sr 421.552	-0.000080uv	mg/L	0.000001	0.9	3284.16	-0.000080 mg/L	Y 371.029
Ti 334.941	0.000619	mg/L	0.000277	44.8	248.628	0.000619 mg/L	Y 371.029
Ti 336.122	0.000614	mg/L	0.000351	57.2	64.3071	0.000614 mg/L	Y 371.029
Ti 337.280	0.000482	mg/L	0.000421	87.3	24.3124	0.000482 mg/L	Y 371.029
Tl 190.794	0.001218uv	mg/L	0.005828	478.7	2.24364	0.001218 mg/L	Y 371.029
Tl 190.807	0.007452	mg/L	0.002302	30.9	1.81106	0.007452 mg/L	Y 371.029
Tl 351.923	0.002080uv	mg/L	0.006288	302.4	8.38914	0.002080 mg/L	Y 371.029
V 268.796	0.001355	mg/L	0.000383	28.3	38.0896	0.001355 mg/L	Y 371.029
V 292.401	0.000064uv	mg/L	0.000095	149.2	23.5180	0.000064 mg/L	Y 371.029
V 311.837	0.000167	mg/L	0.000053	32.0	7.42183	0.000167 mg/L	Y 371.029
Zn 202.548	0.003013	mg/L	0.000068	2.3	538.151	0.003013 mg/L	Y 371.029
Zn 206.200	0.001395	mg/L	0.000308	22.1	173.020	0.001395 mg/L	Y 371.029
Zn 213.857	0.002888	mg/L	0.000269	9.3	1080.15	0.002888 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.09507	8781.16	3.128	0.0
Y 371.029	0.921178	151909	302.181	0.2

SEQ-LCV1 (Samp) **11/3/2011, 11:32:43 AM** **Rack 1, Tube 4**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.004099	mg/L	0.000136	3.3	509.734	0.004099 mg/L	Y 371.029
Ag 338.289	0.002084	mg/L	0.001032	49.5	8.43579	0.002084 mg/L	Y 371.029
Al 237.312	0.113458	mg/L	0.001353	1.2	216.374	0.113458 mg/L	Y 371.029
Al 257.509	0.129425	mg/L	0.003938	3.0	89.8339	0.129425 mg/L	Y 371.029
Al 308.215	0.114226	mg/L	0.000858	0.8	1235.41	0.114226 mg/L	Y 371.029
As 188.980	0.028303	mg/L	0.002312	8.2	12.1392	0.028303 mg/L	Y 371.029
As 193.696	0.020164	mg/L	0.001252	6.2	9.36441	0.020164 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005447	25.6	22.7348	uncal mg/L	Y 371.029
B 182.577	0.019052	mg/L	0.002042	10.7	14.0787	0.019052 mg/L	Y 371.029
B 249.678	0.021864	mg/L	0.000693	3.2	237.778	0.021864 mg/L	Y 371.029
B 249.772	0.022016	mg/L	0.000488	2.2	509.535	0.022016 mg/L	Y 371.029
Ba 233.527	0.019945	mg/L	0.000087	0.4	834.883	0.019945 mg/L	Y 371.029
Ba 455.403	0.019917	mg/L	0.000055	0.3	23392.2	0.019917 mg/L	Y 371.029
Ba 493.408	0.019935	mg/L	0.000027	0.1	13747.6	0.019935 mg/L	Y 371.029
Be 234.861	0.019867	mg/L	0.000070	0.4	1991.08	0.019867 mg/L	Y 371.029
Be 313.042	0.019891	mg/L	0.000036	0.2	32696.2	0.019891 mg/L	Y 371.029
Be 313.107	0.020115	mg/L	0.000044	0.2	14891.7	0.020115 mg/L	Y 371.029
Ca 393.366	0.268733n	mg/L	0.001232	0.5	384441	0.268733 mg/L	Y 371.029
Ca 396.847	0.235778	mg/L	0.001036	0.4	516986	0.235778 mg/L	Y 371.029
Ca 430.253	0.277734	mg/L	0.000902	0.3	1823.75	0.277734 mg/L	Y 371.029
Cd 214.439	0.009984	mg/L	0.000068	0.7	165.275	0.009984 mg/L	Y 371.029
Cd 226.502	0.010042	mg/L	0.000085	0.9	312.545	0.010042 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 228.802	0.009926	mg/L	0.000074	0.7	145.421	0.009926 mg/L	Y 371.029
Co 228.615	0.019440	mg/L	0.000060	0.3	160.361	0.019440 mg/L	Y 371.029
Co 230.786	0.020368	mg/L	0.000381	1.9	114.191	0.020368 mg/L	Y 371.029
Co 238.892	0.019827	mg/L	0.000875	4.4	104.349	0.019827 mg/L	Y 371.029
Cr 205.560	0.019549	mg/L	0.000249	1.3	73.1724	0.019549 mg/L	Y 371.029
Cr 206.158	0.019210	mg/L	0.000687	3.6	31.1177	0.019210 mg/L	Y 371.029
Cr 267.716	0.020056	mg/L	0.000127	0.6	395.721	0.020056 mg/L	Y 371.029
Cu 213.598	0.019174	mg/L	0.000345	1.8	60.0543	0.019174 mg/L	Y 371.029
Cu 324.754	0.019508	mg/L	0.000131	0.7	1107.90	0.019508 mg/L	Y 371.029
Cu 327.395	0.019993	mg/L	0.000302	1.5	879.254	0.019993 mg/L	Y 371.029
Fe 234.350	0.021012	mg/L	0.000140	0.7	192.136	0.021012 mg/L	Y 371.029
Fe 238.204	0.020850	mg/L	0.000556	2.7	377.882	0.020850 mg/L	Y 371.029
Fe 259.940	0.021207	mg/L	0.000202	1.0	337.262	0.021207 mg/L	Y 371.029
Ga 287.423	0.017529	mg/L	0.003016	17.2	48.7673	0.017529 mg/L	Y 371.029
Ga 294.363	0.019656	mg/L	0.000208	1.1	123.673	0.019656 mg/L	Y 371.029
Ga 417.204	0.021207	mg/L	0.000751	3.5	231.800	0.021207 mg/L	Y 371.029
K 766.491	0.209055	mg/L	0.001868	0.9	13282.6	0.209055 mg/L	Y 371.029
K 769.897	0.199387	mg/L	0.000396	0.2	17547.2	0.199387 mg/L	Y 371.029
Li 610.365	0.022195	mg/L	0.000413	1.9	842.880	0.022195 mg/L	Y 371.029
Li 670.783	0.044353	mg/L	0.000066	0.1	165252	0.044353 mg/L	Y 371.029
Mg 279.078	0.206473	mg/L	0.003797	1.8	276.085	0.206473 mg/L	Y 371.029
Mg 280.270	0.212690	mg/L	0.002046	1.0	19780.9	0.212690 mg/L	Y 371.029
Mg 285.213	0.202253	mg/L	0.000333	0.2	6208.14	0.202253 mg/L	Y 371.029
Mn 257.610	0.019974	mg/L	0.000069	0.3	2747.83	0.019974 mg/L	Y 371.029
Mn 259.372	0.020418	mg/L	0.000010	0.0	2086.55	0.020418 mg/L	Y 371.029
Mn 260.568	0.020052	mg/L	0.000248	1.2	367.000	0.020052 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001509	3.5	148.072	uncal mg/L	Y 371.029
Mo 203.846	0.041295	mg/L	0.001753	4.2	57.5618	0.041295 mg/L	Y 371.029
Mo 204.598	0.043158	mg/L	0.001963	4.5	66.8504	0.043158 mg/L	Y 371.029
Na 568.821	1.08456	mg/L	0.080615	7.4	159.401	1.08456 mg/L	Y 371.029
Na 588.995	-0.035314uv	mg/L	0.000185	0.5	229529	-0.035314 mg/L	Y 371.029
Na 589.592	-0.298700uv	mg/L	0.000052	0.0	104771	-0.298700 mg/L	Y 371.029
Ni 216.555	0.041016	mg/L	0.000841	2.1	185.581	0.041016 mg/L	Y 371.029
Ni 221.648	0.038485	mg/L	0.000513	1.3	73.2249	0.038485 mg/L	Y 371.029
Ni 231.604	0.040468	mg/L	0.000449	1.1	129.220	0.040468 mg/L	Y 371.029
P 177.434	0.022800	mg/L	0.009660	42.4	1.40036	0.022800 mg/L	Y 371.029
P 213.618	0.016095	mg/L	0.003728	23.2	8.34712	0.016095 mg/L	Y 371.029
P 214.914	0.034828	mg/L	0.010667	30.6	5.38209	0.034828 mg/L	Y 371.029
Pb 220.353	0.038073	mg/L	0.001153	3.0	41.7608	0.038073 mg/L	Y 371.029
Pb 261.417	0.038111	mg/L	0.005032	13.2	25.7532	0.038111 mg/L	Y 371.029
Pb 405.781	0.035298	mg/L	0.004435	12.6	131.799	0.035298 mg/L	Y 371.029
Sb 206.834	0.057372	mg/L	0.000539	0.9	38.9301	0.057372 mg/L	Y 371.029
Sb 231.146	0.059609	mg/L	0.003123	5.2	33.5204	0.059609 mg/L	Y 371.029
Sb 259.804	0.053801	mg/L	0.005430	10.1	32.0358	0.053801 mg/L	Y 371.029
Se 196.026	0.037750	mg/L	0.005063	13.4	12.6607	0.037750 mg/L	Y 371.029
Se 203.985	0.035012	mg/L	0.009858	28.2	6.74521	0.035012 mg/L	Y 371.029
Si 250.690	0.041191	mg/L	0.002120	5.1	186.854	0.041191 mg/L	Y 371.029
Si 251.611	0.043673	mg/L	0.000735	1.7	214.205	0.043673 mg/L	Y 371.029
Si 288.158	0.038324	mg/L	0.000481	1.3	1665.73	0.038324 mg/L	Y 371.029
Sn 189.927	0.043560	mg/L	0.003992	9.2	10.7554	0.043560 mg/L	Y 371.029
Sn 283.998	0.052872	mg/L	0.003028	5.7	93.3187	0.052872 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 216.596	0.020511	mg/L	0.000468	2.3	175.853	0.020511 mg/L	Y 371.029
Sr 407.771	0.020501	mg/L	0.000047	0.2	57414.0	0.020501 mg/L	Y 371.029
Sr 421.552	0.020503	mg/L	0.000058	0.3	35520.6	0.020503 mg/L	Y 371.029
Ti 334.941	0.020789	mg/L	0.000077	0.4	4090.03	0.020789 mg/L	Y 371.029
Ti 336.122	0.020780	mg/L	0.000326	1.6	1704.86	0.020780 mg/L	Y 371.029
Ti 337.280	0.019832	mg/L	0.000168	0.8	590.300	0.019832 mg/L	Y 371.029
Tl 190.794	0.017804	mg/L	0.001200	6.7	6.97938	0.017804 mg/L	Y 371.029
Tl 190.807	0.020422	mg/L	0.005098	25.0	3.89777	0.020422 mg/L	Y 371.029
Tl 351.923	0.023131	mg/L	0.003514	15.2	32.9549	0.023131 mg/L	Y 371.029
V 268.796	0.021448	mg/L	0.000303	1.4	225.517	0.021448 mg/L	Y 371.029
V 292.401	0.019814	mg/L	0.000200	1.0	651.103	0.019814 mg/L	Y 371.029
V 311.837	0.018691	mg/L	0.000143	0.8	818.575	0.018691 mg/L	Y 371.029
Zn 202.548	0.022712	mg/L	0.000221	1.0	681.216	0.022712 mg/L	Y 371.029
Zn 206.200	0.021385	mg/L	0.000704	3.3	219.828	0.021385 mg/L	Y 371.029
Zn 213.857	0.022938	mg/L	0.001234	5.4	1380.12	0.022938 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.09312	8765.53	45.847	0.5
Y 371.029	0.919177	151579	562.060	0.4

SEQ-HCV1 (Samp) **11/3/2011, 11:36:29 AM** **Rack 1, Tube 5**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.693482b	mg/L	0.001415	0.2	31850.6	0.693482 mg/L	Y 371.029
Ag 338.289	0.754704b	mg/L	0.004803	0.6	2015.94	0.754704 mg/L	Y 371.029
Al 237.312	51.0616b	mg/L	0.019048	0.0	68349.6	51.0616 mg/L	Y 371.029
Al 257.509	50.4701b	mg/L	0.211789	0.4	29304.0	50.4701 mg/L	Y 371.029
Al 308.215	50.9213b	mg/L	0.105315	0.2	271200	50.9213 mg/L	Y 371.029
As 188.980	10.2445b	mg/L	0.084645	0.8	2900.68	10.2445 mg/L	Y 371.029
As 193.696	10.2237b	mg/L	0.002690	0.0	3341.53	10.2237 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.092273	0.8	8515.77	uncal mg/L	Y 371.029
B 182.577	10.0046b	mg/L	0.136304	1.4	4277.69	10.0046 mg/L	Y 371.029
B 249.678	10.1795b	mg/L	0.216928	2.1	79220.5	10.1795 mg/L	Y 371.029
B 249.772	9.99566b	mg/L	0.142010	1.4	169590	9.99566 mg/L	Y 371.029
Ba 233.527	9.73783b	mg/L	0.018700	0.2	327012	9.73783 mg/L	Y 371.029
Ba 455.403	9.01457b	mg/L	0.032646	0.4	8523621	9.01457 mg/L	Y 371.029
Ba 493.408	9.44394b	mg/L	0.175774	1.9	5203298	9.44394 mg/L	Y 371.029
Be 234.861	10.0481b	mg/L	0.020190	0.2	1008060	10.0481 mg/L	Y 371.029
Be 313.042	9.24379b	mg/L	0.027264	0.3	14297813	9.24379 mg/L	Y 371.029
Be 313.107	9.36382b	mg/L	0.031204	0.3	6925084	9.36382 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.251545	0.8	42775548	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.145310	0.7	40425188	- mg/L	Y 371.029
Ca 430.253	102.498b	mg/L	0.086020	0.1	380814	102.498 mg/L	Y 371.029
Cd 214.439	4.90465b	mg/L	0.013670	0.3	78978.8	4.90465 mg/L	Y 371.029
Cd 226.502	4.81848b	mg/L	0.007499	0.2	142906	4.81848 mg/L	Y 371.029
Cd 228.802	5.03808b	mg/L	0.019564	0.4	66469.1	5.03808 mg/L	Y 371.029
Co 228.615	9.90892b	mg/L	0.040164	0.4	81184.1	9.90892 mg/L	Y 371.029
Co 230.786	9.82691b	mg/L	0.037711	0.4	52713.9	9.82691 mg/L	Y 371.029
Co 238.892	9.82829b	mg/L	0.005908	0.1	50148.1	9.82829 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 205.560	9.84752b	mg/L	0.016121	0.2	35968.8	9.84752 mg/L	Y 371.029
Cr 206.158	9.82286b	mg/L	0.048474	0.5	14944.1	9.82286 mg/L	Y 371.029
Cr 267.716	9.73597b	mg/L	0.027127	0.3	184741	9.73597 mg/L	Y 371.029
Cu 213.598	9.63558b	mg/L	0.082120	0.9	30177.4	9.63558 mg/L	Y 371.029
Cu 324.754	10.0989b	mg/L	0.004067	0.0	342236	10.0989 mg/L	Y 371.029
Cu 327.395	10.0464b	mg/L	0.008176	0.1	432873	10.0464 mg/L	Y 371.029
Fe 234.350	9.89086b	mg/L	0.027133	0.3	76919.4	9.89086 mg/L	Y 371.029
Fe 238.204	9.64420b	mg/L	0.018288	0.2	161242	9.64420 mg/L	Y 371.029
Fe 259.940	9.73015b	mg/L	0.029157	0.3	136026	9.73015 mg/L	Y 371.029
Ga 287.423	10.0717b	mg/L	0.004040	0.0	22319.5	10.0717 mg/L	Y 371.029
Ga 294.363	10.1566b	mg/L	0.002792	0.0	59412.2	10.1566 mg/L	Y 371.029
Ga 417.204	10.0625b	mg/L	0.028482	0.3	91767.8	10.0625 mg/L	Y 371.029
K 766.491	88.3493b	mg/L	0.291896	0.3	4845551	88.3493 mg/L	Y 371.029
K 769.897	99.0011b	mg/L	0.330866	0.3	4493576	99.0011 mg/L	Y 371.029
Li 610.365	22.3924b	mg/L	0.008111	0.0	908189	22.3924 mg/L	Y 371.029
Li 670.783	-ob	mg/L	0.632923	4.3	37617020	- mg/L	Y 371.029
Mg 279.078	100.882b	mg/L	0.087371	0.1	132521	100.882 mg/L	Y 371.029
Mg 280.270	69.3362b	mg/L	1.31771	1.9	6290640	69.3362 mg/L	Y 371.029
Mg 285.213	94.2911b	mg/L	0.053383	0.1	2830285	94.2911 mg/L	Y 371.029
Mn 257.610	9.50589b	mg/L	0.005504	0.1	1300940	9.50589 mg/L	Y 371.029
Mn 259.372	9.57551b	mg/L	0.018209	0.2	966597	9.57551 mg/L	Y 371.029
Mn 260.568	9.79498b	mg/L	0.027560	0.3	177045	9.79498 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.249385	1.2	65598.8	uncal mg/L	Y 371.029
Mo 203.846	21.9513b	mg/L	0.361710	1.6	27014.7	21.9513 mg/L	Y 371.029
Mo 204.598	21.7108b	mg/L	0.356909	1.6	31631.5	21.7108 mg/L	Y 371.029
Na 568.821	99.0924b	mg/L	0.101504	0.1	26695.1	99.0924 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.161811	0.2	30157918	- mg/L	Y 371.029
Na 589.592	100.741b	mg/L	0.172556	0.2	22438762	100.741 mg/L	Y 371.029
Ni 216.555	19.5666b	mg/L	0.028570	0.1	86877.7	19.5666 mg/L	Y 371.029
Ni 221.648	19.3444b	mg/L	0.012976	0.1	34916.3	19.3444 mg/L	Y 371.029
Ni 231.604	19.5451b	mg/L	0.072727	0.4	58460.6	19.5451 mg/L	Y 371.029
P 177.434	10.0371b	mg/L	0.089076	0.9	408.417	10.0371 mg/L	Y 371.029
P 213.618	10.0150b	mg/L	0.088170	0.9	5218.08	10.0150 mg/L	Y 371.029
P 214.914	9.71671b	mg/L	0.041016	0.4	1579.61	9.71671 mg/L	Y 371.029
Pb 220.353	19.3889b	mg/L	0.003607	0.0	18933.4	19.3889 mg/L	Y 371.029
Pb 261.417	19.8727b	mg/L	0.018812	0.1	9834.70	19.8727 mg/L	Y 371.029
Pb 405.781	20.2972b	mg/L	0.019657	0.1	26738.9	20.2972 mg/L	Y 371.029
Sb 206.834	19.8232b	mg/L	0.355369	1.8	11324.1	19.8232 mg/L	Y 371.029
Sb 231.146	19.8953b	mg/L	0.360342	1.8	9308.62	19.8953 mg/L	Y 371.029
Sb 259.804	20.7638b	mg/L	0.341990	1.6	7868.68	20.7638 mg/L	Y 371.029
Se 196.026	21.6954b	mg/L	0.087768	0.4	4872.70	21.6954 mg/L	Y 371.029
Se 203.985	21.8851b	mg/L	0.125674	0.6	3046.23	21.8851 mg/L	Y 371.029
Si 250.690	16.2000b	mg/L	0.130459	0.8	19245.8	16.2000 mg/L	Y 371.029
Si 251.611	15.8827b	mg/L	0.124311	0.8	22495.0	15.8827 mg/L	Y 371.029
Si 288.158	16.5061b	mg/L	0.232414	1.4	108305	16.5061 mg/L	Y 371.029
Sn 189.927	19.5820b	mg/L	0.067009	0.3	4053.33	19.5820 mg/L	Y 371.029
Sn 283.998	20.1956b	mg/L	0.065927	0.3	34702.6	20.1956 mg/L	Y 371.029
Sr 216.596	9.84364b	mg/L	0.012787	0.1	76499.6	9.84364 mg/L	Y 371.029
Sr 407.771	8.55775b	mg/L	0.039152	0.5	21585590	8.55775 mg/L	Y 371.029
Sr 421.552	8.99825b	mg/L	0.023930	0.3	14095247	8.99825 mg/L	Y 371.029
Ti 334.941	9.72969b	mg/L	0.010954	0.1	1853113	9.72969 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ti 336.122	9.78820b	mg/L	0.017044	0.2	796321	9.78820 mg/L	Y 371.029
Ti 337.280	9.95460b	mg/L	0.010495	0.1	291169	9.95460 mg/L	Y 371.029
Tl 190.794	10.0101b	mg/L	0.026892	0.3	2857.84	10.0101 mg/L	Y 371.029
Tl 190.807	9.74488b	mg/L	0.027921	0.3	1570.01	9.74488 mg/L	Y 371.029
Tl 351.923	10.2565b	mg/L	0.030486	0.3	11974.9	10.2565 mg/L	Y 371.029
V 268.796	9.84376b	mg/L	0.043990	0.4	97038.1	9.84376 mg/L	Y 371.029
V 292.401	9.83503b	mg/L	0.042029	0.4	312492	9.83503 mg/L	Y 371.029
V 311.837	10.1041b	mg/L	0.023641	0.2	442353	10.1041 mg/L	Y 371.029
Zn 202.548	9.54784b	mg/L	0.008345	0.1	69904.1	9.54784 mg/L	Y 371.029
Zn 206.200	9.60061b	mg/L	0.029422	0.3	22656.1	9.60061 mg/L	Y 371.029
Zn 213.857	9.83721b	mg/L	0.043310	0.4	148279	9.83721 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03099	8267.26	27.458	0.3
Y 371.029	0.882171	145476	506.559	0.3

SEQ-IFA1 (Samp) **11/3/2011, 11:42:58 AM** **Rack 1, Tube 6**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000359uv	mg/L	0.000155	43.2	228.806	0.000359 mg/L	Y 371.029
Ag 338.289	0.058449	mg/L	0.004293	7.3	59.8425	0.058449 mg/L	Y 371.029
Al 237.312	97.6212	mg/L	0.423410	0.4	130504	97.6212 mg/L	Y 371.029
Al 257.509	99.3002	mg/L	0.406702	0.4	57669.1	99.3002 mg/L	Y 371.029
Al 308.215	98.1926	mg/L	1.20441	1.2	521015	98.1926 mg/L	Y 371.029
As 188.980	0.032437uv	mg/L	0.007876	24.3	5.70184	0.032437 mg/L	Y 371.029
As 193.696	-0.009199uv	mg/L	0.000402	4.4	1.48877	-0.009199 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.328435	8.5	8681.99	uncal mg/L	Y 371.029
B 182.577	0.009123	mg/L	0.004185	45.9	16.0241	0.009123 mg/L	Y 371.029
B 249.678	-0.003651	mg/L	0.003894	106.7	232.009	-0.003651 mg/L	Y 371.029
B 249.772	0.055228	mg/L	0.004750	8.6	2385.60	0.055228 mg/L	Y 371.029
Ba 233.527	-0.003842	mg/L	0.000116	3.0	321.317	-0.003842 mg/L	Y 371.029
Ba 455.403	-0.003680uv	mg/L	0.000015	0.4	4545.31	-0.003680 mg/L	Y 371.029
Ba 493.408	-0.003932	mg/L	0.000036	0.9	2987.40	-0.003932 mg/L	Y 371.029
Be 234.861	-0.000079uv	mg/L	0.003382	4299.2	-370.995	-0.000079 mg/L	Y 371.029
Be 313.042	0.000087	mg/L	0.000016	18.0	3339.71	0.000087 mg/L	Y 371.029
Be 313.107	0.000272	mg/L	0.000004	1.6	32.9878	0.000272 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.081401	0.3	41734140	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.062388	0.3	39420304	- mg/L	Y 371.029
Ca 430.253	96.3314	mg/L	0.285233	0.3	358191	96.3314 mg/L	Y 371.029
Cd 214.439	9.33544	mg/L	0.094686	1.0	150323	9.33544 mg/L	Y 371.029
Cd 226.502	9.32481	mg/L	0.043262	0.5	276616	9.32481 mg/L	Y 371.029
Cd 228.802	9.46781	mg/L	0.112952	1.2	124876	9.46781 mg/L	Y 371.029
Co 228.615	0.008741	mg/L	0.000150	1.7	150.389	0.008741 mg/L	Y 371.029
Co 230.786	-0.000873	mg/L	0.000921	105.4	34.0632	-0.000873 mg/L	Y 371.029
Co 238.892	-0.001210uv	mg/L	0.002466	203.8	-382.512	-0.001210 mg/L	Y 371.029
Cr 205.560	9.32570	mg/L	0.118689	1.3	34166.7	9.32570 mg/L	Y 371.029
Cr 206.158	9.29405	mg/L	0.114478	1.2	14186.4	9.29405 mg/L	Y 371.029
Cr 267.716	9.18718	mg/L	0.041912	0.5	174867	9.18718 mg/L	Y 371.029
Cu 213.598	9.05993	mg/L	0.126332	1.4	28427.9	9.05993 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cu 324.754	9.59897	mg/L	0.036257	0.4	325741	9.59897 mg/L	Y 371.029
Cu 327.395	9.54708	mg/L	0.035863	0.4	412189	9.54708 mg/L	Y 371.029
Fe 234.350	96.9030	mg/L	0.958509	1.0	717625	96.9030 mg/L	Y 371.029
Fe 238.204	91.9623	mg/L	0.320696	0.3	1490528	91.9623 mg/L	Y 371.029
Fe 259.940	93.5570	mg/L	0.513421	0.5	1272518	93.5570 mg/L	Y 371.029
Ga 287.423	-0.347364	mg/L	0.003194	0.9	1028.15	-0.347364 mg/L	Y 371.029
Ga 294.363	-0.022815	mg/L	0.001142	5.0	154.253	-0.022815 mg/L	Y 371.029
Ga 417.204	-0.232882	mg/L	0.001847	0.8	3092.58	-0.232882 mg/L	Y 371.029
K 766.491	-0.043758	mg/L	0.000396	0.9	1928.06	-0.043758 mg/L	Y 371.029
K 769.897	-0.002846	mg/L	0.000567	19.9	8560.54	-0.002846 mg/L	Y 371.029
Li 610.365	0.002624	mg/L	0.000230	8.8	49.0691	0.002624 mg/L	Y 371.029
Li 670.783	-0.009449	mg/L	0.000041	0.4	53973.4	-0.009449 mg/L	Y 371.029
Mg 279.078	95.4734	mg/L	0.346608	0.4	125453	95.4734 mg/L	Y 371.029
Mg 280.270	67.9562	mg/L	0.196001	0.3	6165590	67.9562 mg/L	Y 371.029
Mg 285.213	89.2175	mg/L	0.446033	0.5	2678030	89.2175 mg/L	Y 371.029
Mn 257.610	8.79723	mg/L	0.053456	0.6	1222377	8.79723 mg/L	Y 371.029
Mn 259.372	8.96502	mg/L	0.057903	0.6	914447	8.96502 mg/L	Y 371.029
Mn 260.568	9.14865	mg/L	0.038125	0.4	165889	9.14865 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.194553	2.1	29022.7	uncal mg/L	Y 371.029
Mo 203.846	9.57594	mg/L	0.246005	2.6	11861.5	9.57594 mg/L	Y 371.029
Mo 204.598	9.47126	mg/L	0.217101	2.3	13887.3	9.47126 mg/L	Y 371.029
Na 568.821	94.2966	mg/L	0.284722	0.3	25340.2	94.2966 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.071611	0.1	29188842	- mg/L	Y 371.029
Na 589.592	92.9207	mg/L	0.223468	0.2	20711450	92.9207 mg/L	Y 371.029
Ni 216.555	8.66382	mg/L	0.035003	0.4	38805.4	8.66382 mg/L	Y 371.029
Ni 221.648	8.53548	mg/L	0.072164	0.8	15538.2	8.53548 mg/L	Y 371.029
Ni 231.604	8.68590	mg/L	0.127719	1.5	26198.9	8.68590 mg/L	Y 371.029
P 177.434	-0.026597uv	mg/L	0.013986	52.6	0.796615	-0.026597 mg/L	Y 371.029
P 213.618	-0.212804	mg/L	0.016344	7.7	31.9833	-0.212804 mg/L	Y 371.029
P 214.914	-0.185748	mg/L	0.010983	5.9	41.1372	-0.185748 mg/L	Y 371.029
Pb 220.353	-0.004860uv	mg/L	0.004060	83.5	3.04896	-0.004860 mg/L	Y 371.029
Pb 261.417	0.046399uv	mg/L	0.017552	37.8	10.9371	0.046399 mg/L	Y 371.029
Pb 405.781	-0.120644uv	mg/L	0.002875	2.4	80.2048	-0.120644 mg/L	Y 371.029
Sb 206.834	0.079902	mg/L	0.005313	6.6	112.629	0.079902 mg/L	Y 371.029
Sb 231.146	-0.203760	mg/L	0.003651	1.8	8.70801	-0.203760 mg/L	Y 371.029
Sb 259.804	-0.359812	mg/L	0.010440	2.9	28.2939	-0.359812 mg/L	Y 371.029
Se 196.026	0.006425	mg/L	0.011609	180.7	8.72517	0.006425 mg/L	Y 371.029
Se 203.985	1.52360	mg/L	0.005278	0.3	323.358	1.52360 mg/L	Y 371.029
Si 250.690	-0.026728	mg/L	0.010091	37.8	312.761	-0.026728 mg/L	Y 371.029
Si 251.611	-0.089488	mg/L	0.013702	15.3	407.723	-0.089488 mg/L	Y 371.029
Si 288.158	0.005176	mg/L	0.007954	153.7	1872.88	0.005176 mg/L	Y 371.029
Sn 189.927	-0.007305uv	mg/L	0.007026	96.2	2.31176	-0.007305 mg/L	Y 371.029
Sn 283.998	1.63861	mg/L	0.034500	2.1	10324.5	1.63861 mg/L	Y 371.029
Sr 216.596	-0.024771uv	mg/L	0.000469	1.9	-4.52905	-0.024771 mg/L	Y 371.029
Sr 407.771	-0.001188	mg/L	0.000016	1.3	8767.65	-0.001188 mg/L	Y 371.029
Sr 421.552	-0.001578	mg/L	0.000012	0.8	5183.51	-0.001578 mg/L	Y 371.029
Ti 334.941	9.19618	mg/L	0.045726	0.5	1753247	9.19618 mg/L	Y 371.029
Ti 336.122	9.25617	mg/L	0.041777	0.5	753672	9.25617 mg/L	Y 371.029
Ti 337.280	9.42546	mg/L	0.032856	0.3	275889	9.42546 mg/L	Y 371.029
Tl 190.794	-0.045023uv	mg/L	0.003303	7.3	1.56554	-0.045023 mg/L	Y 371.029
Tl 190.807	0.089818	mg/L	0.005734	6.4	19.8534	0.089818 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 351.923	0.006435	mg/L	0.004494	69.8	21.9051	0.006435 mg/L	Y 371.029
V 268.796	8.83342	mg/L	0.065009	0.7	78705.8	8.83342 mg/L	Y 371.029
V 292.401	9.29656	mg/L	0.067123	0.7	296040	9.29656 mg/L	Y 371.029
V 311.837	9.53547	mg/L	0.035555	0.4	418192	9.53547 mg/L	Y 371.029
Zn 202.548	9.13631	mg/L	0.024974	0.3	66935.8	9.13631 mg/L	Y 371.029
Zn 206.200	9.16673	mg/L	0.106641	1.2	21646.9	9.16673 mg/L	Y 371.029
Zn 213.857	9.39094	mg/L	0.098532	1.0	141014	9.39094 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.04816	8404.95	8.685	0.1
Y 371.029	0.898265	148130	370.186	0.2

SEQ-IFB1 (Samp) **11/3/2011, 11:47:11 AM** **Rack 1, Tube 7**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.103375	mg/L	0.002321	2.2	4918.15	0.103375 mg/L	Y 371.029
Ag 338.289	0.161547	mg/L	0.011173	6.9	349.589	0.161547 mg/L	Y 371.029
Al 237.312	98.3865	mg/L	2.38181	2.4	131527	98.3865 mg/L	Y 371.029
Al 257.509	100.116	mg/L	2.59462	2.6	58142.1	100.116 mg/L	Y 371.029
Al 308.215	100.057	mg/L	2.26147	2.3	530925	100.057 mg/L	Y 371.029
As 188.980	0.531103	mg/L	0.015859	3.0	146.822	0.531103 mg/L	Y 371.029
As 193.696	0.436318	mg/L	0.010036	2.3	146.913	0.436318 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.625916	4.5	12940.1	uncal mg/L	Y 371.029
B 182.577	0.470479	mg/L	0.018130	3.9	212.920	0.470479 mg/L	Y 371.029
B 249.678	0.478896	mg/L	0.013785	2.9	3980.41	0.478896 mg/L	Y 371.029
B 249.772	0.507225	mg/L	0.019363	3.8	10027.6	0.507225 mg/L	Y 371.029
Ba 233.527	0.475644	mg/L	0.012937	2.7	16410.5	0.475644 mg/L	Y 371.029
Ba 455.403	0.483443	mg/L	0.011254	2.3	464826	0.483443 mg/L	Y 371.029
Ba 493.408	0.482827	mg/L	0.012735	2.6	270993	0.482827 mg/L	Y 371.029
Be 234.861	0.472860	mg/L	0.008728	1.8	47081.2	0.472860 mg/L	Y 371.029
Be 313.042	0.476637	mg/L	0.010433	2.2	740366	0.476637 mg/L	Y 371.029
Be 313.107	0.478160	mg/L	0.010211	2.1	353452	0.478160 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.544789	1.7	41631628	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.339938	1.7	39594548	- mg/L	Y 371.029
Ca 430.253	100.234	mg/L	2.50081	2.5	372651	100.234 mg/L	Y 371.029
Cd 214.439	9.31462	mg/L	0.285155	3.1	149988	9.31462 mg/L	Y 371.029
Cd 226.502	9.45732	mg/L	0.220114	2.3	280544	9.45732 mg/L	Y 371.029
Cd 228.802	9.49214	mg/L	0.207938	2.2	125197	9.49214 mg/L	Y 371.029
Co 228.615	0.490944	mg/L	0.007501	1.5	4100.46	0.490944 mg/L	Y 371.029
Co 230.786	0.476249	mg/L	0.018645	3.9	2592.76	0.476249 mg/L	Y 371.029
Co 238.892	0.375473	mg/L	0.009718	2.6	1546.18	0.375473 mg/L	Y 371.029
Cr 205.560	9.55476	mg/L	0.327963	3.4	35002.3	9.55476 mg/L	Y 371.029
Cr 206.158	9.50737	mg/L	0.328785	3.5	14510.5	9.50737 mg/L	Y 371.029
Cr 267.716	9.53653	mg/L	0.223930	2.3	181485	9.53653 mg/L	Y 371.029
Cu 213.598	9.35095	mg/L	0.299202	3.2	29338.9	9.35095 mg/L	Y 371.029
Cu 324.754	9.93425	mg/L	0.218538	2.2	337083	9.93425 mg/L	Y 371.029
Cu 327.395	9.88864	mg/L	0.214234	2.2	426892	9.88864 mg/L	Y 371.029
Fe 234.350	95.8259	mg/L	2.29808	2.4	709817	95.8259 mg/L	Y 371.029
Fe 238.204	91.1561	mg/L	2.66856	2.9	1477668	91.1561 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 259.940	92.9069	mg/L	2.32938	2.5	1263814	92.9069 mg/L	Y 371.029
Ga 287.423	0.132865	mg/L	0.027786	20.9	2063.42	0.132865 mg/L	Y 371.029
Ga 294.363	0.456183	mg/L	0.012288	2.7	2950.49	0.456183 mg/L	Y 371.029
Ga 417.204	0.280698	mg/L	0.024800	8.8	7692.86	0.280698 mg/L	Y 371.029
K 766.491	5.65681	mg/L	0.106751	1.9	314375	5.65681 mg/L	Y 371.029
K 769.897	5.47144	mg/L	0.103460	1.9	256558	5.47144 mg/L	Y 371.029
Li 610.365	0.957978	mg/L	0.021331	2.2	38798.7	0.957978 mg/L	Y 371.029
Li 670.783	1.05006	mg/L	0.023429	2.2	2738441	1.05006 mg/L	Y 371.029
Mg 279.078	99.2513	mg/L	2.39392	2.4	130404	99.2513 mg/L	Y 371.029
Mg 280.270	68.3314	mg/L	2.21397	3.2	6199678	68.3314 mg/L	Y 371.029
Mg 285.213	92.2764	mg/L	1.97281	2.1	2769841	92.2764 mg/L	Y 371.029
Mn 257.610	9.15769	mg/L	0.220056	2.4	1271280	9.15769 mg/L	Y 371.029
Mn 259.372	9.32429	mg/L	0.228860	2.5	950482	9.32429 mg/L	Y 371.029
Mn 260.568	9.48125	mg/L	0.228372	2.4	171892	9.48125 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.398920	3.9	32133.5	uncal mg/L	Y 371.029
Mo 203.846	10.4553	mg/L	0.482812	4.6	12942.6	10.4553 mg/L	Y 371.029
Mo 204.598	10.3703	mg/L	0.483970	4.7	15195.9	10.3703 mg/L	Y 371.029
Na 568.821	97.9339	mg/L	2.00430	2.0	26324.4	97.9339 mg/L	Y 371.029
Na 588.995	-o	mg/L	1.02542	1.5	29373136	- mg/L	Y 371.029
Na 589.592	96.2742	mg/L	2.15528	2.2	21452682	96.2742 mg/L	Y 371.029
Ni 216.555	9.49003	mg/L	0.253108	2.7	42468.3	9.49003 mg/L	Y 371.029
Ni 221.648	9.29617	mg/L	0.285478	3.1	16909.1	9.29617 mg/L	Y 371.029
Ni 231.604	9.47401	mg/L	0.156549	1.7	28552.5	9.47401 mg/L	Y 371.029
P 177.434	0.455584	mg/L	0.014387	3.2	20.3653	0.455584 mg/L	Y 371.029
P 213.618	0.233946	mg/L	0.022248	9.5	262.692	0.233946 mg/L	Y 371.029
P 214.914	0.287154	mg/L	0.010685	3.7	116.701	0.287154 mg/L	Y 371.029
Pb 220.353	0.939762	mg/L	0.018786	2.0	925.190	0.939762 mg/L	Y 371.029
Pb 261.417	0.431068	mg/L	0.021835	5.1	201.283	0.431068 mg/L	Y 371.029
Pb 405.781	0.846833	mg/L	0.023172	2.7	1348.69	0.846833 mg/L	Y 371.029
Sb 206.834	1.04544	mg/L	0.022431	2.1	662.582	1.04544 mg/L	Y 371.029
Sb 231.146	0.692688	mg/L	0.025327	3.7	426.397	0.692688 mg/L	Y 371.029
Sb 259.804	-0.311999	mg/L	0.041691	13.4	44.9972	-0.311999 mg/L	Y 371.029
Se 196.026	0.989864	mg/L	0.043574	4.4	229.367	0.989864 mg/L	Y 371.029
Se 203.985	2.50111	mg/L	0.108686	4.3	456.398	2.50111 mg/L	Y 371.029
Si 250.690	0.879906	mg/L	0.050955	5.8	1377.21	0.879906 mg/L	Y 371.029
Si 251.611	0.790631	mg/L	0.046142	5.8	1636.19	0.790631 mg/L	Y 371.029
Si 288.158	0.920003	mg/L	0.036318	3.9	7791.84	0.920003 mg/L	Y 371.029
Sn 189.927	0.943994	mg/L	0.029139	3.1	199.096	0.943994 mg/L	Y 371.029
Sn 283.998	2.67159	mg/L	0.274867	10.3	11845.4	2.67159 mg/L	Y 371.029
Sr 216.596	0.440183	mg/L	0.012269	2.8	3605.29	0.440183 mg/L	Y 371.029
Sr 407.771	0.471352	mg/L	0.011144	2.4	1200229	0.471352 mg/L	Y 371.029
Sr 421.552	0.476048	mg/L	0.009945	2.1	753094	0.476048 mg/L	Y 371.029
Ti 334.941	9.55482	mg/L	0.219824	2.3	1821501	9.55482 mg/L	Y 371.029
Ti 336.122	9.61609	mg/L	0.220897	2.3	782937	9.61609 mg/L	Y 371.029
Ti 337.280	9.78229	mg/L	0.230008	2.4	286321	9.78229 mg/L	Y 371.029
Tl 190.794	0.385755	mg/L	0.016884	4.4	124.306	0.385755 mg/L	Y 371.029
Tl 190.807	0.486180	mg/L	0.021300	4.4	83.7351	0.486180 mg/L	Y 371.029
Tl 351.923	0.450876	mg/L	0.014959	3.3	540.725	0.450876 mg/L	Y 371.029
V 268.796	9.18719	mg/L	0.294111	3.2	82266.4	9.18719 mg/L	Y 371.029
V 292.401	9.61572	mg/L	0.245294	2.6	306171	9.61572 mg/L	Y 371.029
V 311.837	9.85759	mg/L	0.226586	2.3	432279	9.85759 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 202.548	9.44774	mg/L	0.226626	2.4	69197.5	9.44774 mg/L	Y 371.029
Zn 206.200	9.42677	mg/L	0.286726	3.0	22256.9	9.42677 mg/L	Y 371.029
Zn 213.857	9.57460	mg/L	0.313106	3.3	143805	9.57460 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.05191	8435.05	143.885	1.7
Y 371.029	0.901075	148594	2505.407	1.7

SEQ-CCV1 (Samp) **11/3/2011, 11:51:23 AM** **Rack 1, Tube 8**
M_200.7_T_WW **CCV**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.098510	mg/L	0.000311	0.3	4804.33	0.098510 mg/L	Y 371.029
Ag 338.289	0.099943	mg/L	0.003079	3.1	279.677	0.099943 mg/L	Y 371.029
Al 237.312	2.63066	mg/L	0.041352	1.6	3582.61	2.63066 mg/L	Y 371.029
Al 257.509	2.55682	mg/L	0.046005	1.8	1498.33	2.55682 mg/L	Y 371.029
Al 308.215	2.58187	mg/L	0.003630	0.1	14349.9	2.58187 mg/L	Y 371.029
As 188.980	0.522705	mg/L	0.005692	1.1	151.915	0.522705 mg/L	Y 371.029
As 193.696	0.517588	mg/L	0.001520	0.3	171.815	0.517588 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.035204	6.1	445.907	uncal mg/L	Y 371.029
B 182.577	0.521470	mg/L	0.009058	1.7	228.606	0.521470 mg/L	Y 371.029
B 249.678	0.525238	mg/L	0.012056	2.3	4151.86	0.525238 mg/L	Y 371.029
B 249.772	0.514214	mg/L	0.021327	4.1	8853.98	0.514214 mg/L	Y 371.029
Ba 233.527	0.518432	mg/L	0.003638	0.7	17566.1	0.518432 mg/L	Y 371.029
Ba 455.403	0.501132	mg/L	0.000988	0.2	478147	0.501132 mg/L	Y 371.029
Ba 493.408	0.516747	mg/L	0.001390	0.3	287324	0.516747 mg/L	Y 371.029
Be 234.861	0.518275	mg/L	0.004219	0.8	51993.3	0.518275 mg/L	Y 371.029
Be 313.042	0.517007	mg/L	0.002761	0.5	801505	0.517007 mg/L	Y 371.029
Be 313.107	0.515648	mg/L	0.002678	0.5	381366	0.515648 mg/L	Y 371.029
Ca 393.366	4.96919n	mg/L	0.014813	0.3	6432249	4.96919 mg/L	Y 371.029
Ca 396.847	4.62606	mg/L	0.015187	0.3	9228631	4.62606 mg/L	Y 371.029
Ca 430.253	4.95930	mg/L	0.020187	0.4	19184.1	4.95930 mg/L	Y 371.029
Cd 214.439	0.267484	mg/L	0.004052	1.5	4311.52	0.267484 mg/L	Y 371.029
Cd 226.502	0.261982	mg/L	0.001690	0.6	7783.75	0.261982 mg/L	Y 371.029
Cd 228.802	0.262540	mg/L	0.004613	1.8	3477.53	0.262540 mg/L	Y 371.029
Co 228.615	0.532606	mg/L	0.010085	1.9	4365.41	0.532606 mg/L	Y 371.029
Co 230.786	0.519208	mg/L	0.011366	2.2	2790.32	0.519208 mg/L	Y 371.029
Co 238.892	0.518929	mg/L	0.010582	2.0	2650.81	0.518929 mg/L	Y 371.029
Cr 205.560	0.517042	mg/L	0.003565	0.7	1890.16	0.517042 mg/L	Y 371.029
Cr 206.158	0.516792	mg/L	0.002062	0.4	787.996	0.516792 mg/L	Y 371.029
Cr 267.716	0.510829	mg/L	0.003726	0.7	9707.18	0.510829 mg/L	Y 371.029
Cu 213.598	0.518170	mg/L	0.012732	2.5	1622.88	0.518170 mg/L	Y 371.029
Cu 324.754	0.519601	mg/L	0.001062	0.2	18032.5	0.519601 mg/L	Y 371.029
Cu 327.395	0.516320	mg/L	0.000840	0.2	22263.8	0.516320 mg/L	Y 371.029
Fe 234.350	0.539261	mg/L	0.000756	0.1	4213.68	0.539261 mg/L	Y 371.029
Fe 238.204	0.535760	mg/L	0.020404	3.8	8964.25	0.535760 mg/L	Y 371.029
Fe 259.940	0.535529	mg/L	0.016096	3.0	7511.75	0.535529 mg/L	Y 371.029
Ga 287.423	0.513823	mg/L	0.001160	0.2	1148.78	0.513823 mg/L	Y 371.029
Ga 294.363	0.518413	mg/L	0.001748	0.3	3040.99	0.518413 mg/L	Y 371.029
Ga 417.204	0.513815	mg/L	0.001518	0.3	4733.86	0.513815 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
K 766.491	5.42350	mg/L	0.012686	0.2	299138	5.42350 mg/L	Y 371.029
K 769.897	5.20924	mg/L	0.016475	0.3	244507	5.20924 mg/L	Y 371.029
Li 610.365	1.05802	mg/L	0.001994	0.2	42856.4	1.05802 mg/L	Y 371.029
Li 670.783	1.12484	mg/L	0.003632	0.3	2903293	1.12484 mg/L	Y 371.029
Mg 279.078	5.21917	mg/L	0.019936	0.4	6860.58	5.21917 mg/L	Y 371.029
Mg 280.270	5.41721	mg/L	0.020271	0.4	491884	5.41721 mg/L	Y 371.029
Mg 285.213	5.33585	mg/L	0.117156	2.2	160292	5.33585 mg/L	Y 371.029
Mn 257.610	0.525066	mg/L	0.018193	3.5	71802.4	0.525066 mg/L	Y 371.029
Mn 259.372	0.527023	mg/L	0.017981	3.4	53206.9	0.527023 mg/L	Y 371.029
Mn 260.568	0.521960	mg/L	0.014335	2.7	9437.14	0.521960 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.023941	2.1	3658.91	uncal mg/L	Y 371.029
Mo 203.846	1.19558	mg/L	0.044485	3.7	1476.78	1.19558 mg/L	Y 371.029
Mo 204.598	1.18736	mg/L	0.037117	3.1	1732.49	1.18736 mg/L	Y 371.029
Na 568.821	5.05739	mg/L	0.004877	0.1	1238.78	5.05739 mg/L	Y 371.029
Na 588.995	5.62367	mg/L	0.014095	0.3	2644617	5.62367 mg/L	Y 371.029
Na 589.592	5.27602	mg/L	0.014513	0.3	1336882	5.27602 mg/L	Y 371.029
Ni 216.555	1.05670	mg/L	0.002192	0.2	4695.14	1.05670 mg/L	Y 371.029
Ni 221.648	1.04312	mg/L	0.002171	0.2	1886.36	1.04312 mg/L	Y 371.029
Ni 231.604	1.04466	mg/L	0.027095	2.6	3132.41	1.04466 mg/L	Y 371.029
P 177.434	0.518022	mg/L	0.018677	3.6	21.5321	0.518022 mg/L	Y 371.029
P 213.618	0.526384	mg/L	0.006118	1.2	274.305	0.526384 mg/L	Y 371.029
P 214.914	0.508973	mg/L	0.017687	3.5	82.7243	0.508973 mg/L	Y 371.029
Pb 220.353	1.04958	mg/L	0.001788	0.2	1029.25	1.04958 mg/L	Y 371.029
Pb 261.417	1.01801	mg/L	0.010753	1.1	510.275	1.01801 mg/L	Y 371.029
Pb 405.781	1.00835	mg/L	0.002289	0.2	1410.14	1.00835 mg/L	Y 371.029
Sb 206.834	1.09000	mg/L	0.005230	0.5	628.383	1.09000 mg/L	Y 371.029
Sb 231.146	1.07573	mg/L	0.026138	2.4	508.643	1.07573 mg/L	Y 371.029
Sb 259.804	1.13778	mg/L	0.021716	1.9	442.180	1.13778 mg/L	Y 371.029
Se 196.026	1.08511	mg/L	0.029208	2.7	247.717	1.08511 mg/L	Y 371.029
Se 203.985	1.07168	mg/L	0.026602	2.5	151.359	1.07168 mg/L	Y 371.029
Si 250.690	1.07004	mg/L	0.022872	2.1	1398.08	1.07004 mg/L	Y 371.029
Si 251.611	1.04601	mg/L	0.022733	2.2	1618.60	1.04601 mg/L	Y 371.029
Si 288.158	1.07237	mg/L	0.018060	1.7	8359.44	1.07237 mg/L	Y 371.029
Sn 189.927	1.05744	mg/L	0.002016	0.2	220.525	1.05744 mg/L	Y 371.029
Sn 283.998	1.06811	mg/L	0.003339	0.3	1840.74	1.06811 mg/L	Y 371.029
Sr 216.596	0.525027	mg/L	0.001838	0.4	4095.86	0.525027 mg/L	Y 371.029
Sr 407.771	0.504288	mg/L	0.002088	0.4	1277332	0.504288 mg/L	Y 371.029
Sr 421.552	0.507746	mg/L	0.003633	0.7	798561	0.507746 mg/L	Y 371.029
Ti 334.941	0.521515	mg/L	0.002875	0.6	99447.9	0.521515 mg/L	Y 371.029
Ti 336.122	0.528674	mg/L	0.005124	1.0	43022.2	0.528674 mg/L	Y 371.029
Ti 337.280	0.530104	mg/L	0.006081	1.1	15514.7	0.530104 mg/L	Y 371.029
Tl 190.794	0.522335	mg/L	0.003716	0.7	150.940	0.522335 mg/L	Y 371.029
Tl 190.807	0.515249	mg/L	0.009099	1.8	83.6323	0.515249 mg/L	Y 371.029
Tl 351.923	0.513458	mg/L	0.003069	0.6	605.235	0.513458 mg/L	Y 371.029
V 268.796	0.529677	mg/L	0.006032	1.1	5250.76	0.529677 mg/L	Y 371.029
V 292.401	0.509179	mg/L	0.004151	0.8	16199.2	0.509179 mg/L	Y 371.029
V 311.837	0.524390	mg/L	0.001916	0.4	22958.1	0.524390 mg/L	Y 371.029
Zn 202.548	0.531065	mg/L	0.001838	0.3	4373.06	0.531065 mg/L	Y 371.029
Zn 206.200	0.525623	mg/L	0.004941	0.9	1400.39	0.525623 mg/L	Y 371.029
Zn 213.857	0.520469	mg/L	0.017776	3.4	8827.78	0.520469 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.11786	8963.87	10.647	0.1
Y 371.029	0.936646	154459	237.496	0.2

SEQ-CCB1 (Samp) **11/3/2011, 11:55:21 AM** **Rack 1, Tube 9**
M_200.7_T_WW **CCB**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000555	mg/L	0.000054	9.7	348.599	0.000555 mg/L	Y 371.029
Ag 338.289	0.000230uv	mg/L	0.001802	784.7	3.39737	0.000230 mg/L	Y 371.029
Al 237.312	-0.006165uv	mg/L	0.003127	50.7	56.4472	-0.006165 mg/L	Y 371.029
Al 257.509	0.014948uv	mg/L	0.013803	92.3	23.3675	0.014948 mg/L	Y 371.029
Al 308.215	-0.000045uv	mg/L	0.001976	4434.4	630.272	-0.000045 mg/L	Y 371.029
As 188.980	0.008391	mg/L	0.003186	38.0	6.50527	0.008391 mg/L	Y 371.029
As 193.696	0.003561	mg/L	0.002385	67.0	3.94064	0.003561 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.006401	110.5	8.85766	uncal mg/L	Y 371.029
B 182.577	0.007577	mg/L	0.001233	16.3	9.17089	0.007577 mg/L	Y 371.029
B 249.678	0.009238	mg/L	0.002753	29.8	139.423	0.009238 mg/L	Y 371.029
B 249.772	0.009603	mg/L	0.002678	27.9	298.864	0.009603 mg/L	Y 371.029
Ba 233.527	0.000071	mg/L	0.000047	66.3	167.813	0.000071 mg/L	Y 371.029
Ba 455.403	-0.000140uv	mg/L	0.000015	10.6	4437.34	-0.000140 mg/L	Y 371.029
Ba 493.408	-0.000180uv	mg/L	0.000029	16.1	2670.34	-0.000180 mg/L	Y 371.029
Be 234.861	0.000010	mg/L	0.000007	72.5	-1.06742	0.000010 mg/L	Y 371.029
Be 313.042	-0.000099uv	mg/L	0.000018	17.7	1779.02	-0.000099 mg/L	Y 371.029
Be 313.107	0.000034	mg/L	0.000007	20.5	40.9898	0.000034 mg/L	Y 371.029
Ca 393.366	-0.016070nuv	mg/L	0.000070	0.4	18080.3	-0.016070 mg/L	Y 371.029
Ca 396.847	-0.012231uv	mg/L	0.000109	0.9	24968.8	-0.012231 mg/L	Y 371.029
Ca 430.253	-0.016344uv	mg/L	0.004276	26.2	734.426	-0.016344 mg/L	Y 371.029
Cd 214.439	0.000127	mg/L	0.000074	58.0	6.56222	0.000127 mg/L	Y 371.029
Cd 226.502	0.000017uv	mg/L	0.000052	298.8	15.2769	0.000017 mg/L	Y 371.029
Cd 228.802	0.000111uv	mg/L	0.000179	161.4	15.9677	0.000111 mg/L	Y 371.029
Co 228.615	0.000407	mg/L	0.000204	50.2	4.34300	0.000407 mg/L	Y 371.029
Co 230.786	-0.000207uv	mg/L	0.000522	252.3	3.82568	-0.000207 mg/L	Y 371.029
Co 238.892	0.000212uv	mg/L	0.000624	293.4	4.29850	0.000212 mg/L	Y 371.029
Cr 205.560	0.000382	mg/L	0.000458	119.8	3.15821	0.000382 mg/L	Y 371.029
Cr 206.158	-0.000058uv	mg/L	0.000591	1018.0	1.79310	-0.000058 mg/L	Y 371.029
Cr 267.716	0.000201	mg/L	0.000148	73.4	18.8882	0.000201 mg/L	Y 371.029
Cu 213.598	0.000130uv	mg/L	0.000471	363.2	0.736844	0.000130 mg/L	Y 371.029
Cu 324.754	-0.000573uv	mg/L	0.000089	15.6	428.404	-0.000573 mg/L	Y 371.029
Cu 327.395	0.000011uv	mg/L	0.000123	1163.2	18.1562	0.000011 mg/L	Y 371.029
Fe 234.350	0.002070	mg/L	0.000514	24.8	44.1817	0.002070 mg/L	Y 371.029
Fe 238.204	0.002799	mg/L	0.000807	28.8	74.7692	0.002799 mg/L	Y 371.029
Fe 259.940	0.002639	mg/L	0.000931	35.3	76.8265	0.002639 mg/L	Y 371.029
Ga 287.423	0.003630	mg/L	0.002469	68.0	17.7008	0.003630 mg/L	Y 371.029
Ga 294.363	-0.000442uv	mg/L	0.000543	123.0	6.19632	-0.000442 mg/L	Y 371.029
Ga 417.204	0.002054	mg/L	0.001589	77.4	58.1387	0.002054 mg/L	Y 371.029
K 766.491	-0.001902uv	mg/L	0.000426	22.4	1718.53	-0.001902 mg/L	Y 371.029
K 769.897	-0.001467uv	mg/L	0.001346	91.8	8450.12	-0.001467 mg/L	Y 371.029
Li 610.365	0.001114	mg/L	0.000079	7.1	-12.1745	0.001114 mg/L	Y 371.029
Li 670.783	0.000216	mg/L	0.000038	17.6	53408.1	0.000216 mg/L	Y 371.029
Mg 279.078	0.001979	mg/L	0.001067	53.9	7.43270	0.001979 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	-0.001891uv	mg/L	0.000063	3.3	316.280	-0.001891 mg/L	Y 371.029
Mg 285.213	-0.001619uv	mg/L	0.000125	7.7	88.9773	-0.001619 mg/L	Y 371.029
Mn 257.610	-0.000030uv	mg/L	0.000035	116.0	5.93297	-0.000030 mg/L	Y 371.029
Mn 259.372	0.000080	mg/L	0.000056	70.6	55.9132	0.000080 mg/L	Y 371.029
Mn 260.568	0.000033uv	mg/L	0.000067	201.0	5.01393	0.000033 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.005735	12.0	162.313	uncal mg/L	Y 371.029
Mo 203.846	0.047872	mg/L	0.006305	13.2	65.4216	0.047872 mg/L	Y 371.029
Mo 204.598	0.047858	mg/L	0.006000	12.5	73.4299	0.047858 mg/L	Y 371.029
Na 568.821	0.965234	mg/L	0.033932	3.5	126.922	0.965234 mg/L	Y 371.029
Na 588.995	-0.248328uv	mg/L	0.000135	0.1	138623	-0.248328 mg/L	Y 371.029
Na 589.592	-0.523783uv	mg/L	0.000133	0.0	55031.3	-0.523783 mg/L	Y 371.029
Ni 216.555	0.000268	mg/L	0.000076	28.3	4.64829	0.000268 mg/L	Y 371.029
Ni 221.648	-0.000405uv	mg/L	0.000407	100.6	3.03867	-0.000405 mg/L	Y 371.029
Ni 231.604	-0.000658uv	mg/L	0.001129	171.6	6.23046	-0.000658 mg/L	Y 371.029
P 177.434	-0.003931uv	mg/L	0.003800	96.7	0.314164	-0.003931 mg/L	Y 371.029
P 213.618	0.001071uv	mg/L	0.003843	358.7	0.475248	0.001071 mg/L	Y 371.029
P 214.914	0.010962	mg/L	0.007610	69.4	1.59305	0.010962 mg/L	Y 371.029
Pb 220.353	0.001332	mg/L	0.001678	125.9	5.89309	0.001332 mg/L	Y 371.029
Pb 261.417	0.010582	mg/L	0.002265	21.4	12.1551	0.010582 mg/L	Y 371.029
Pb 405.781	-0.001219uv	mg/L	0.004675	383.6	83.8825	-0.001219 mg/L	Y 371.029
Sb 206.834	0.005665	mg/L	0.002798	49.4	9.44998	0.005665 mg/L	Y 371.029
Sb 231.146	0.008659	mg/L	0.004626	53.4	9.75845	0.008659 mg/L	Y 371.029
Sb 259.804	-0.002025uv	mg/L	0.008614	425.3	10.8938	-0.002025 mg/L	Y 371.029
Se 196.026	0.016021	mg/L	0.001916	12.0	7.77854	0.016021 mg/L	Y 371.029
Se 203.985	0.014155	mg/L	0.006599	46.6	3.70757	0.014155 mg/L	Y 371.029
Si 250.690	0.013576	mg/L	0.003139	23.1	154.231	0.013576 mg/L	Y 371.029
Si 251.611	0.016042	mg/L	0.002723	17.0	175.704	0.016042 mg/L	Y 371.029
Si 288.158	0.011420	mg/L	0.000717	6.3	1490.72	0.011420 mg/L	Y 371.029
Sn 189.927	0.001648	mg/L	0.000285	17.3	2.08485	0.001648 mg/L	Y 371.029
Sn 283.998	0.001253uv	mg/L	0.002030	161.9	9.84184	0.001253 mg/L	Y 371.029
Sr 216.596	-0.000090uv	mg/L	0.000261	291.3	15.7793	-0.000090 mg/L	Y 371.029
Sr 407.771	-0.000114uv	mg/L	0.000005	4.3	5427.98	-0.000114 mg/L	Y 371.029
Sr 421.552	-0.000093uv	mg/L	0.000012	13.4	3264.61	-0.000093 mg/L	Y 371.029
Ti 334.941	0.003260	mg/L	0.001041	31.9	750.690	0.003260 mg/L	Y 371.029
Ti 336.122	0.003395	mg/L	0.001098	32.3	290.164	0.003395 mg/L	Y 371.029
Ti 337.280	0.002945	mg/L	0.001100	37.4	96.2582	0.002945 mg/L	Y 371.029
Tl 190.794	-0.000698uv	mg/L	0.002440	349.8	1.69821	-0.000698 mg/L	Y 371.029
Tl 190.807	0.005379	mg/L	0.004391	81.6	1.53338	0.005379 mg/L	Y 371.029
Tl 351.923	0.007307	mg/L	0.006031	82.5	14.4769	0.007307 mg/L	Y 371.029
V 268.796	0.003508	mg/L	0.001070	30.5	87.9332	0.003508 mg/L	Y 371.029
V 292.401	0.000053uv	mg/L	0.000179	334.7	23.1654	0.000053 mg/L	Y 371.029
V 311.837	0.000204	mg/L	0.000052	25.6	9.05195	0.000204 mg/L	Y 371.029
Zn 202.548	0.001755	mg/L	0.000047	2.7	529.188	0.001755 mg/L	Y 371.029
Zn 206.200	0.001031	mg/L	0.000349	33.8	172.213	0.001031 mg/L	Y 371.029
Zn 213.857	0.000974	mg/L	0.000360	37.0	1052.01	0.000974 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.09810	8805.45	36.984	0.4
Y 371.029	0.921656	151988	731.574	0.5

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	uncal	mg/L	0.003139	0.4	643.353	uncal mg/L	Y 371.029
Mo 203.846	-0.863131b	mg/L	0.002767	0.3	265.353	-4.31565 mg/L	Y 371.029
Mo 204.598	-0.883498b	mg/L	0.003454	0.4	306.572	-4.41749 mg/L	Y 371.029
Na 568.821	-xb	mg/L	8.19543	0.5	484473	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.30796	1.8	31452490	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.37081	1.0	31909414	- mg/L	Y 371.029
Ni 216.555	0.199853b	mg/L	0.001164	0.6	878.720	0.999264 mg/L	Y 371.029
Ni 221.648	0.185815b	mg/L	0.001826	1.0	350.701	0.929073 mg/L	Y 371.029
Ni 231.604	0.202759b	mg/L	0.000745	0.4	588.986	1.01379 mg/L	Y 371.029
P 177.434	0.303580b	mg/L	0.023181	7.6	10.5314	1.51790 mg/L	Y 371.029
P 213.618	0.146182b	mg/L	0.009028	6.2	143.298	0.730912 mg/L	Y 371.029
P 214.914	0.324993b	mg/L	0.003940	1.2	47.1653	1.62496 mg/L	Y 371.029
Pb 220.353	0.181149b	mg/L	0.001663	0.9	190.179	0.905745 mg/L	Y 371.029
Pb 261.417	-0.248698b	mg/L	0.001542	0.6	82.5794	-1.24349 mg/L	Y 371.029
Pb 405.781	0.037042b	mg/L	0.007203	19.4	355.064	0.185209 mg/L	Y 371.029
Sb 206.834	0.056233b	mg/L	0.001797	3.2	126.612	0.281164 mg/L	Y 371.029
Sb 231.146	0.371887b	mg/L	0.006775	1.8	106.815	1.85944 mg/L	Y 371.029
Sb 259.804	0.300314b	mg/L	0.018940	6.3	75.8272	1.50157 mg/L	Y 371.029
Se 196.026	0.256454b	mg/L	0.007448	2.9	52.4555	1.28227 mg/L	Y 371.029
Se 203.985	0.320831b	mg/L	0.019660	6.1	33.9322	1.60416 mg/L	Y 371.029
Si 250.690	0.116886b	mg/L	0.003575	3.1	397.858	0.584428 mg/L	Y 371.029
Si 251.611	0.065660b	mg/L	0.003753	5.7	453.937	0.328301 mg/L	Y 371.029
Si 288.158	0.261088b	mg/L	0.003463	1.3	2875.63	1.30544 mg/L	Y 371.029
Sn 189.927	0.191750b	mg/L	0.003225	1.7	46.7324	0.958752 mg/L	Y 371.029
Sn 283.998	0.152806b	mg/L	0.004996	3.3	485.884	0.764031 mg/L	Y 371.029
Sr 216.596	0.211952b	mg/L	0.001583	0.7	1653.93	1.05976 mg/L	Y 371.029
Sr 407.771	0.209495b	mg/L	0.001396	0.7	536386	1.04748 mg/L	Y 371.029
Sr 421.552	0.209881b	mg/L	0.001164	0.6	334060	1.04940 mg/L	Y 371.029
Ti 334.941	0.203799b	mg/L	0.004062	2.0	38871.0	1.01899 mg/L	Y 371.029
Ti 336.122	0.204984b	mg/L	0.007183	3.5	16782.7	1.02492 mg/L	Y 371.029
Ti 337.280	0.198423b	mg/L	0.004814	2.4	5941.49	0.992115 mg/L	Y 371.029
Tl 190.794	0.214863b	mg/L	0.009642	4.5	54.5968	1.07431 mg/L	Y 371.029
Tl 190.807	0.127547b	mg/L	0.001952	1.5	29.6315	0.637734 mg/L	Y 371.029
Tl 351.923	0.270427b	mg/L	0.007453	2.8	242.532	1.35214 mg/L	Y 371.029
V 268.796	0.048360b	mg/L	0.001183	2.4	1702.82	0.241798 mg/L	Y 371.029
V 292.401	0.192497b	mg/L	0.001716	0.9	6233.41	0.962487 mg/L	Y 371.029
V 311.837	0.192307b	mg/L	0.001137	0.6	8486.47	0.961536 mg/L	Y 371.029
Zn 202.548	0.021408b	mg/L	0.002124	9.9	2013.36	0.107041 mg/L	Y 371.029
Zn 206.200	0.020983b	mg/L	0.002280	10.9	645.348	0.104915 mg/L	Y 371.029
Zn 213.857	0.028730b	mg/L	0.000641	2.2	4192.60	0.143648 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00878	8089.16	79.028	1.0
Y 371.029	0.841672	138798	649.928	0.5

SEQ-CCV7 (Samp)	**11/4/2011, 12:06:18 PM**	**Rack 3, Tube 3**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 1**

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.098837	mg/L	0.000276	0.3	4818.57	0.098837 mg/L	Y 371.029
Ag 338.289	0.098037	mg/L	0.001003	1.0	274.380	0.098037 mg/L	Y 371.029
Al 237.312	2.58404	mg/L	0.006564	0.3	3520.20	2.58404 mg/L	Y 371.029
Al 257.509	2.55153	mg/L	0.012978	0.5	1495.36	2.55153 mg/L	Y 371.029
Al 308.215	2.57050	mg/L	0.002218	0.1	14285.5	2.57050 mg/L	Y 371.029
As 188.980	0.512205	mg/L	0.005404	1.1	148.954	0.512205 mg/L	Y 371.029
As 193.696	0.506183	mg/L	0.002542	0.5	168.095	0.506183 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.008063	1.1	516.476	uncal mg/L	Y 371.029
B 182.577	0.482925	mg/L	0.009382	1.9	212.164	0.482925 mg/L	Y 371.029
B 249.678	0.511722	mg/L	0.013413	2.6	4046.97	0.511722 mg/L	Y 371.029
B 249.772	0.491973	mg/L	0.016385	3.3	8477.19	0.491973 mg/L	Y 371.029
Ba 233.527	0.518778	mg/L	0.000922	0.2	17577.4	0.518778 mg/L	Y 371.029
Ba 455.403	0.497871	mg/L	0.000934	0.2	475064	0.497871 mg/L	Y 371.029
Ba 493.408	0.519724	mg/L	0.001525	0.3	288962	0.519724 mg/L	Y 371.029
Be 234.861	0.513990	mg/L	0.004513	0.9	51563.4	0.513990 mg/L	Y 371.029
Be 313.042	0.510364	mg/L	0.002316	0.5	791232	0.510364 mg/L	Y 371.029
Be 313.107	0.512763	mg/L	0.002001	0.4	379233	0.512763 mg/L	Y 371.029
Ca 393.366	4.86336n	mg/L	0.012367	0.3	6296072	4.86336 mg/L	Y 371.029
Ca 396.847	4.64833	mg/L	0.015025	0.3	9272624	4.64833 mg/L	Y 371.029
Ca 430.253	4.88099	mg/L	0.003058	0.1	18893.4	4.88099 mg/L	Y 371.029
Cd 214.439	0.256396	mg/L	0.001655	0.6	4132.99	0.256396 mg/L	Y 371.029
Cd 226.502	0.257614	mg/L	0.000685	0.3	7654.20	0.257614 mg/L	Y 371.029
Cd 228.802	0.255214	mg/L	0.000881	0.3	3380.87	0.255214 mg/L	Y 371.029
Co 228.615	0.513175	mg/L	0.003444	0.7	4206.00	0.513175 mg/L	Y 371.029
Co 230.786	0.515922	mg/L	0.001679	0.3	2772.49	0.515922 mg/L	Y 371.029
Co 238.892	0.516717	mg/L	0.001561	0.3	2639.37	0.516717 mg/L	Y 371.029
Cr 205.560	0.512073	mg/L	0.001507	0.3	1871.93	0.512073 mg/L	Y 371.029
Cr 206.158	0.511613	mg/L	0.003272	0.6	780.102	0.511613 mg/L	Y 371.029
Cr 267.716	0.511455	mg/L	0.003081	0.6	9718.61	0.511455 mg/L	Y 371.029
Cu 213.598	0.506968	mg/L	0.003106	0.6	1587.07	0.506968 mg/L	Y 371.029
Cu 324.754	0.511068	mg/L	0.000377	0.1	17743.8	0.511068 mg/L	Y 371.029
Cu 327.395	0.513697	mg/L	0.000903	0.2	22150.8	0.513697 mg/L	Y 371.029
Fe 234.350	0.522135	mg/L	0.001211	0.2	4082.12	0.522135 mg/L	Y 371.029
Fe 238.204	0.510003	mg/L	0.004057	0.8	8542.13	0.510003 mg/L	Y 371.029
Fe 259.940	0.508965	mg/L	0.008262	1.6	7147.09	0.508965 mg/L	Y 371.029
Ga 287.423	0.505462	mg/L	0.003042	0.6	1130.16	0.505462 mg/L	Y 371.029
Ga 294.363	0.513888	mg/L	0.001994	0.4	3014.34	0.513888 mg/L	Y 371.029
Ga 417.204	0.504945	mg/L	0.001213	0.2	4649.86	0.504945 mg/L	Y 371.029
K 766.491	5.35644	mg/L	0.006196	0.1	295459	5.35644 mg/L	Y 371.029
K 769.897	5.18303	mg/L	0.004695	0.1	243312	5.18303 mg/L	Y 371.029
Li 610.365	1.03064	mg/L	0.000963	0.1	41745.7	1.03064 mg/L	Y 371.029
Li 670.783	1.11389	mg/L	0.002581	0.2	2875527	1.11389 mg/L	Y 371.029
Mg 279.078	5.11374	mg/L	0.014375	0.3	6722.17	5.11374 mg/L	Y 371.029
Mg 280.270	5.27940	mg/L	0.006111	0.1	479383	5.27940 mg/L	Y 371.029
Mg 285.213	5.36794	mg/L	0.094818	1.8	161254	5.36794 mg/L	Y 371.029
Mn 257.610	0.512333	mg/L	0.003473	0.7	70067.5	0.512333 mg/L	Y 371.029
Mn 259.372	0.513371	mg/L	0.003705	0.7	51785.7	0.513371 mg/L	Y 371.029
Mn 260.568	0.506302	mg/L	0.005136	1.0	9154.81	0.506302 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.023306	2.3	3196.10	uncal mg/L	Y 371.029
Mo 203.846	1.05848	mg/L	0.022673	2.1	1308.72	1.05848 mg/L	Y 371.029
Mo 204.598	1.04970	mg/L	0.020836	2.0	1532.72	1.04970 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	4.98599	mg/L	0.040614	0.8	1218.81	4.98599 mg/L	Y 371.029
Na 588.995	5.55569	mg/L	0.004072	0.1	2615542	5.55569 mg/L	Y 371.029
Na 589.592	5.21349	mg/L	0.003214	0.1	1323020	5.21349 mg/L	Y 371.029
Ni 216.555	1.03540	mg/L	0.001391	0.1	4600.58	1.03540 mg/L	Y 371.029
Ni 221.648	1.01194	mg/L	0.001512	0.1	1830.09	1.01194 mg/L	Y 371.029
Ni 231.604	1.02586	mg/L	0.005278	0.5	3076.16	1.02586 mg/L	Y 371.029
P 177.434	0.479023	mg/L	0.020643	4.3	19.9508	0.479023 mg/L	Y 371.029
P 213.618	0.513271	mg/L	0.013073	2.5	267.436	0.513271 mg/L	Y 371.029
P 214.914	0.506850	mg/L	0.015793	3.1	82.1851	0.506850 mg/L	Y 371.029
Pb 220.353	1.01795	mg/L	0.001745	0.2	998.369	1.01795 mg/L	Y 371.029
Pb 261.417	1.00157	mg/L	0.005559	0.6	502.130	1.00157 mg/L	Y 371.029
Pb 405.781	0.990832	mg/L	0.001699	0.2	1386.84	0.990832 mg/L	Y 371.029
Sb 206.834	1.06132	mg/L	0.006505	0.6	612.015	1.06132 mg/L	Y 371.029
Sb 231.146	1.05160	mg/L	0.011945	1.1	497.269	1.05160 mg/L	Y 371.029
Sb 259.804	1.09219	mg/L	0.008909	0.8	424.977	1.09219 mg/L	Y 371.029
Se 196.026	1.04084	mg/L	0.020905	2.0	237.782	1.04084 mg/L	Y 371.029
Se 203.985	1.02962	mg/L	0.036055	3.5	145.714	1.02962 mg/L	Y 371.029
Si 250.690	1.04547	mg/L	0.001690	0.2	1369.26	1.04547 mg/L	Y 371.029
Si 251.611	1.01833	mg/L	0.001204	0.1	1578.58	1.01833 mg/L	Y 371.029
Si 288.158	1.06400	mg/L	0.010084	0.9	8305.45	1.06400 mg/L	Y 371.029
Sn 189.927	1.04332	mg/L	0.003438	0.3	217.603	1.04332 mg/L	Y 371.029
Sn 283.998	1.04198	mg/L	0.004948	0.5	1802.27	1.04198 mg/L	Y 371.029
Sr 216.596	0.505416	mg/L	0.001324	0.3	3943.51	0.505416 mg/L	Y 371.029
Sr 407.771	0.505865	mg/L	0.000699	0.1	1281296	0.505865 mg/L	Y 371.029
Sr 421.552	0.512090	mg/L	0.002025	0.4	805354	0.512090 mg/L	Y 371.029
Ti 334.941	0.520125	mg/L	0.007132	1.4	99181.4	0.520125 mg/L	Y 371.029
Ti 336.122	0.522715	mg/L	0.004169	0.8	42536.9	0.522715 mg/L	Y 371.029
Ti 337.280	0.514641	mg/L	0.001972	0.4	15062.5	0.514641 mg/L	Y 371.029
Tl 190.794	0.524739	mg/L	0.009492	1.8	151.614	0.524739 mg/L	Y 371.029
Tl 190.807	0.503286	mg/L	0.009379	1.9	81.5591	0.503286 mg/L	Y 371.029
Tl 351.923	0.526825	mg/L	0.011106	2.1	620.796	0.526825 mg/L	Y 371.029
V 268.796	0.511616	mg/L	0.004960	1.0	4991.40	0.511616 mg/L	Y 371.029
V 292.401	0.502026	mg/L	0.000758	0.2	15971.8	0.502026 mg/L	Y 371.029
V 311.837	0.515616	mg/L	0.000882	0.2	22574.0	0.515616 mg/L	Y 371.029
Zn 202.548	0.507068	mg/L	0.000561	0.1	4199.82	0.507068 mg/L	Y 371.029
Zn 206.200	0.506901	mg/L	0.001182	0.2	1356.54	0.506901 mg/L	Y 371.029
Zn 213.857	0.503342	mg/L	0.006157	1.2	8572.05	0.503342 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12326	9007.17	10.628	0.1
Y 371.029	0.959946	158302	324.158	0.2

SEQ-CCB7 (Samp) **11/4/2011, 12:10:32 PM** **Rack 3, Tube 4**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000099uv	mg/L	0.000145	146.9	318.664	-0.000099 mg/L	Y 371.029
Ag 338.289	-0.000514uv	mg/L	0.000293	57.0	1.29688	-0.000514 mg/L	Y 371.029
Al 237.312	-0.006898uv	mg/L	0.001729	25.1	55.4508	-0.006898 mg/L	Y 371.029
Al 257.509	0.011731uv	mg/L	0.012612	107.5	21.5109	0.011731 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.001008	mg/L	0.000609	60.4	635.001	0.001008 mg/L	Y 371.029
As 188.980	0.001104uv	mg/L	0.002253	204.1	4.44064	0.001104 mg/L	Y 371.029
As 193.696	0.000973	mg/L	0.000359	36.9	3.09689	0.000973 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005935	104.2	8.69958	uncal mg/L	Y 371.029
B 182.577	0.009384	mg/L	0.003845	41.0	9.94279	0.009384 mg/L	Y 371.029
B 249.678	0.010584	mg/L	0.002852	26.9	149.898	0.010584 mg/L	Y 371.029
B 249.772	0.011141	mg/L	0.003054	27.4	324.888	0.011141 mg/L	Y 371.029
Ba 233.527	0.000244	mg/L	0.000050	20.7	173.603	0.000244 mg/L	Y 371.029
Ba 455.403	-0.000176uv	mg/L	0.000020	11.3	4402.84	-0.000176 mg/L	Y 371.029
Ba 493.408	-0.000198uv	mg/L	0.000009	4.5	2660.68	-0.000198 mg/L	Y 371.029
Be 234.861	0.000014	mg/L	0.000008	61.0	-0.674115	0.000014 mg/L	Y 371.029
Be 313.042	-0.000375uv	mg/L	0.000008	2.0	1354.13	-0.000375 mg/L	Y 371.029
Be 313.107	0.000017	mg/L	0.000005	26.7	28.4838	0.000017 mg/L	Y 371.029
Ca 393.366	-0.016407nuv	mg/L	0.000056	0.3	17641.2	-0.016407 mg/L	Y 371.029
Ca 396.847	-0.012236uv	mg/L	0.000082	0.7	24943.5	-0.012236 mg/L	Y 371.029
Ca 430.253	-0.034985uv	mg/L	0.001956	5.6	665.359	-0.034985 mg/L	Y 371.029
Cd 214.439	0.000041	mg/L	0.000063	152.2	5.18189	0.000041 mg/L	Y 371.029
Cd 226.502	0.000053	mg/L	0.000044	81.5	16.3395	0.000053 mg/L	Y 371.029
Cd 228.802	-0.000051uv	mg/L	0.000109	212.7	13.8232	-0.000051 mg/L	Y 371.029
Co 228.615	0.000513	mg/L	0.000613	119.4	5.21583	0.000513 mg/L	Y 371.029
Co 230.786	0.000122uv	mg/L	0.000400	328.6	5.56088	0.000122 mg/L	Y 371.029
Co 238.892	0.000354	mg/L	0.000195	55.0	5.01417	0.000354 mg/L	Y 371.029
Cr 205.560	0.000201uv	mg/L	0.000383	190.2	2.48472	0.000201 mg/L	Y 371.029
Cr 206.158	0.000184uv	mg/L	0.000468	253.8	2.15961	0.000184 mg/L	Y 371.029
Cr 267.716	-0.000054uv	mg/L	0.000037	68.6	14.0513	-0.000054 mg/L	Y 371.029
Cu 213.598	0.000205	mg/L	0.000035	17.2	0.774348	0.000205 mg/L	Y 371.029
Cu 324.754	-0.002295uv	mg/L	0.000081	3.5	369.968	-0.002295 mg/L	Y 371.029
Cu 327.395	0.000142	mg/L	0.000143	100.8	23.8483	0.000142 mg/L	Y 371.029
Fe 234.350	-0.000382uv	mg/L	0.000440	115.1	25.9894	-0.000382 mg/L	Y 371.029
Fe 238.204	0.000260	mg/L	0.000129	49.6	33.3784	0.000260 mg/L	Y 371.029
Fe 259.940	0.000022	mg/L	0.000038	170.7	41.0260	0.000022 mg/L	Y 371.029
Ga 287.423	0.001089uv	mg/L	0.001968	180.7	12.1748	0.001089 mg/L	Y 371.029
Ga 294.363	0.000032uv	mg/L	0.000754	2326.8	8.92648	0.000032 mg/L	Y 371.029
Ga 417.204	0.000647uv	mg/L	0.000772	119.3	44.9146	0.000647 mg/L	Y 371.029
K 766.491	-0.000766uv	mg/L	0.000667	87.1	1780.11	-0.000766 mg/L	Y 371.029
K 769.897	-0.012182uv	mg/L	0.000575	4.7	7962.87	-0.012182 mg/L	Y 371.029
Li 610.365	0.001167	mg/L	0.000099	8.5	-10.0179	0.001167 mg/L	Y 371.029
Li 670.783	-0.000237uv	mg/L	0.000058	24.4	52260.2	-0.000237 mg/L	Y 371.029
Mg 279.078	0.006128	mg/L	0.002675	43.6	12.9024	0.006128 mg/L	Y 371.029
Mg 280.270	-0.002057uv	mg/L	0.000055	2.7	301.000	-0.002057 mg/L	Y 371.029
Mg 285.213	-0.001765uv	mg/L	0.000159	9.0	84.5275	-0.001765 mg/L	Y 371.029
Mn 257.610	-0.000066uv	mg/L	0.000017	26.2	0.795058	-0.000066 mg/L	Y 371.029
Mn 259.372	0.000086	mg/L	0.000020	23.6	43.9133	0.000086 mg/L	Y 371.029
Mn 260.568	-0.000033uv	mg/L	0.000040	122.3	3.85512	-0.000033 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.002018	9.8	77.4061	uncal mg/L	Y 371.029
Mo 203.846	0.018818	mg/L	0.001409	7.5	29.7831	0.018818 mg/L	Y 371.029
Mo 204.598	0.019505	mg/L	0.002175	11.2	32.2556	0.019505 mg/L	Y 371.029
Na 568.821	0.899525	mg/L	0.034313	3.8	109.244	0.899525 mg/L	Y 371.029
Na 588.995	-0.236155uv	mg/L	0.000672	0.3	143804	-0.236155 mg/L	Y 371.029
Na 589.592	-0.507506uv	mg/L	0.000430	0.1	58610.6	-0.507506 mg/L	Y 371.029
Ni 216.555	0.000422uv	mg/L	0.000400	94.9	5.33182	0.000422 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	-0.000080uv	mg/L	0.000257	320.3	3.61892	-0.000080 mg/L	Y 371.029
Ni 231.604	-0.001796uv	mg/L	0.000413	23.0	2.82442	-0.001796 mg/L	Y 371.029
P 177.434	0.016006	mg/L	0.008882	55.5	1.12284	0.016006 mg/L	Y 371.029
P 213.618	0.003512	mg/L	0.001932	55.0	1.69449	0.003512 mg/L	Y 371.029
P 214.914	0.010775uv	mg/L	0.011149	103.5	1.53344	0.010775 mg/L	Y 371.029
Pb 220.353	-0.000374uv	mg/L	0.002673	714.6	4.22615	-0.000374 mg/L	Y 371.029
Pb 261.417	0.003699uv	mg/L	0.004845	131.0	8.73718	0.003699 mg/L	Y 371.029
Pb 405.781	-0.007234uv	mg/L	0.007557	104.5	75.9774	-0.007234 mg/L	Y 371.029
Sb 206.834	-0.003471uv	mg/L	0.001139	32.8	4.25170	-0.003471 mg/L	Y 371.029
Sb 231.146	-0.000347uv	mg/L	0.000911	262.6	5.55747	-0.000347 mg/L	Y 371.029
Sb 259.804	-0.009546uv	mg/L	0.009626	100.8	8.06321	-0.009546 mg/L	Y 371.029
Se 196.026	0.011050	mg/L	0.003207	29.0	6.66396	0.011050 mg/L	Y 371.029
Se 203.985	0.013327	mg/L	0.005734	43.0	3.60802	0.013327 mg/L	Y 371.029
Si 250.690	-0.001605uv	mg/L	0.000972	60.6	136.480	-0.001605 mg/L	Y 371.029
Si 251.611	0.000998	mg/L	0.000149	15.0	154.645	0.000998 mg/L	Y 371.029
Si 288.158	-0.012863uv	mg/L	0.001689	13.1	1333.88	-0.012863 mg/L	Y 371.029
Sn 189.927	-0.001638uv	mg/L	0.002282	139.3	1.40510	-0.001638 mg/L	Y 371.029
Sn 283.998	-0.000136uv	mg/L	0.003321	2442.2	8.21953	-0.000136 mg/L	Y 371.029
Sr 216.596	0.000117	mg/L	0.000048	40.9	17.3777	0.000117 mg/L	Y 371.029
Sr 407.771	-0.000125uv	mg/L	0.000010	7.6	5399.26	-0.000125 mg/L	Y 371.029
Sr 421.552	-0.000065uv	mg/L	0.000002	3.7	3308.82	-0.000065 mg/L	Y 371.029
Ti 334.941	0.000677	mg/L	0.000223	33.0	259.385	0.000677 mg/L	Y 371.029
Ti 336.122	0.000776	mg/L	0.000213	27.5	77.3886	0.000776 mg/L	Y 371.029
Ti 337.280	0.000654	mg/L	0.000422	64.5	29.3153	0.000654 mg/L	Y 371.029
Tl 190.794	-0.000733uv	mg/L	0.004543	619.4	1.68900	-0.000733 mg/L	Y 371.029
Tl 190.807	0.004511	mg/L	0.003327	73.7	1.35651	0.004511 mg/L	Y 371.029
Tl 351.923	0.006068	mg/L	0.002158	35.6	13.0356	0.006068 mg/L	Y 371.029
V 268.796	0.001820	mg/L	0.000464	25.5	49.9597	0.001820 mg/L	Y 371.029
V 292.401	0.000026uv	mg/L	0.000266	1004.8	22.2885	0.000026 mg/L	Y 371.029
V 311.837	0.000186	mg/L	0.000113	60.6	8.24233	0.000186 mg/L	Y 371.029
Zn 202.548	-0.000829uv	mg/L	0.000140	16.9	510.588	-0.000829 mg/L	Y 371.029
Zn 206.200	-0.001040uv	mg/L	0.000541	52.1	167.350	-0.001040 mg/L	Y 371.029
Zn 213.857	-0.000054uv	mg/L	0.000473	883.4	1036.78	-0.000054 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12690	9036.36	26.874	0.3
Y 371.029	0.960600	158410	590.506	0.4

11J1400-01 (Samp) **11/4/2011, 12:13:32 PM** **Rack 3, Tube 5**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 25**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000756uv	mg/L	0.000466	61.7	334.994	-0.018899 mg/L	Y 371.029
Ag 338.289	0.002148	mg/L	0.002057	95.8	8.69991	0.053701 mg/L	Y 371.029
Al 237.312	0.023474	mg/L	0.001588	6.8	99.8802	0.586854 mg/L	Y 371.029
Al 257.509	0.041806	mg/L	0.003442	8.2	37.6516	1.04514 mg/L	Y 371.029
Al 308.215	0.034935	mg/L	0.000970	2.8	778.377	0.873369 mg/L	Y 371.029
As 188.980	0.002179uv	mg/L	0.002927	134.3	4.71265	0.054472 mg/L	Y 371.029
As 193.696	0.003593	mg/L	0.001549	43.1	3.83752	0.089824 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001693	44.2	7.69087	uncal mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.11278	8923.16	57.685	0.6
Y 371.029	0.935410	154256	1070.260	0.7

1145200-BLK1 (Samp) **11/4/2011, 1:10:05 PM** **Rack 3, Tube 14**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000029uv	mg/L	0.000122	421.9	324.496	0.000029 mg/L	Y 371.029
Ag 338.289	0.000421uv	mg/L	0.001001	237.9	3.96187	0.000421 mg/L	Y 371.029
Al 237.312	-0.001009uv	mg/L	0.002963	293.7	63.3206	-0.001009 mg/L	Y 371.029
Al 257.509	0.024776	mg/L	0.004743	19.1	29.0954	0.024776 mg/L	Y 371.029
Al 308.215	0.009431	mg/L	0.000533	5.7	679.399	0.009431 mg/L	Y 371.029
As 188.980	0.001880uv	mg/L	0.004120	219.2	4.66028	0.001880 mg/L	Y 371.029
As 193.696	0.001560uv	mg/L	0.003505	224.7	3.28800	0.001560 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005320	1154.0	6.29094	uncal mg/L	Y 371.029
B 182.577	0.018483	mg/L	0.005675	30.7	13.8246	0.018483 mg/L	Y 371.029
B 249.678	0.020200	mg/L	0.004745	23.5	224.560	0.020200 mg/L	Y 371.029
B 249.772	0.020579	mg/L	0.005000	24.3	484.694	0.020579 mg/L	Y 371.029
Ba 233.527	0.000201	mg/L	0.000084	41.6	172.172	0.000201 mg/L	Y 371.029
Ba 455.403	-0.000165uv	mg/L	0.000009	5.5	4414.37	-0.000165 mg/L	Y 371.029
Ba 493.408	-0.000170uv	mg/L	0.000007	4.0	2675.84	-0.000170 mg/L	Y 371.029
Be 234.861	0.000004	mg/L	0.000006	131.7	-1.61749	0.000004 mg/L	Y 371.029
Be 313.042	-0.000384uv	mg/L	0.000019	4.9	1339.95	-0.000384 mg/L	Y 371.029
Be 313.107	0.000031	mg/L	0.000006	19.3	38.2277	0.000031 mg/L	Y 371.029
Ca 393.366	-0.005594nuv	mg/L	0.000192	3.4	31554.3	-0.005594 mg/L	Y 371.029
Ca 396.847	-0.002217uv	mg/L	0.000204	9.2	44822.8	-0.002217 mg/L	Y 371.029
Ca 430.253	-0.026903uv	mg/L	0.004105	15.3	695.405	-0.026903 mg/L	Y 371.029
Cd 214.439	0.000092	mg/L	0.000085	93.1	5.99567	0.000092 mg/L	Y 371.029
Cd 226.502	0.000051	mg/L	0.000026	52.2	16.2725	0.000051 mg/L	Y 371.029
Cd 228.802	0.000233	mg/L	0.000092	39.5	17.5638	0.000233 mg/L	Y 371.029
Co 228.615	0.000323	mg/L	0.000177	54.8	3.66602	0.000323 mg/L	Y 371.029
Co 230.786	0.000251	mg/L	0.000184	73.4	6.25305	0.000251 mg/L	Y 371.029
Co 238.892	0.000654	mg/L	0.000184	28.2	6.53331	0.000654 mg/L	Y 371.029
Cr 205.560	0.000212uv	mg/L	0.000398	187.6	2.53442	0.000212 mg/L	Y 371.029
Cr 206.158	-0.000253uv	mg/L	0.000485	191.3	1.50730	-0.000253 mg/L	Y 371.029
Cr 267.716	0.000112	mg/L	0.000120	106.8	17.2355	0.000112 mg/L	Y 371.029
Cu 213.598	0.000428	mg/L	0.000334	78.0	1.45373	0.000428 mg/L	Y 371.029
Cu 324.754	-0.002160uv	mg/L	0.000205	9.5	374.451	-0.002160 mg/L	Y 371.029
Cu 327.395	0.000164	mg/L	0.000144	88.1	24.8264	0.000164 mg/L	Y 371.029
Fe 234.350	0.000776	mg/L	0.000147	19.0	34.7508	0.000776 mg/L	Y 371.029
Fe 238.204	0.002132	mg/L	0.000197	9.3	64.1845	0.002132 mg/L	Y 371.029
Fe 259.940	0.001996	mg/L	0.000351	17.6	68.2624	0.001996 mg/L	Y 371.029
Ga 287.423	0.001975uv	mg/L	0.003359	170.0	14.1177	0.001975 mg/L	Y 371.029
Ga 294.363	0.000831	mg/L	0.000472	56.8	13.5783	0.000831 mg/L	Y 371.029
Ga 417.204	0.001014	mg/L	0.000594	58.5	48.2286	0.001014 mg/L	Y 371.029
K 766.491	0.001135	mg/L	0.000086	7.6	1884.46	0.001135 mg/L	Y 371.029
K 769.897	-0.010720uv	mg/L	0.001870	17.4	8029.04	-0.010720 mg/L	Y 371.029
Li 610.365	0.001246	mg/L	0.000027	2.2	-6.82239	0.001246 mg/L	Y 371.029
Li 670.783	0.000291	mg/L	0.000116	39.7	53598.1	0.000291 mg/L	Y 371.029
Mg 279.078	0.006761	mg/L	0.002655	39.3	13.7359	0.006761 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	-0.001066uv	mg/L	0.000145	13.6	391.215	-0.001066 mg/L	Y 371.029
Mg 285.213	-0.000827uv	mg/L	0.000068	8.3	112.792	-0.000827 mg/L	Y 371.029
Mn 257.610	0.000165	mg/L	0.000036	21.8	34.1197	0.000165 mg/L	Y 371.029
Mn 259.372	0.000199	mg/L	0.000061	30.6	54.3606	0.000199 mg/L	Y 371.029
Mn 260.568	0.000030uv	mg/L	0.000069	228.4	5.05619	0.000030 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001466	9.1	63.3700	uncal mg/L	Y 371.029
Mo 203.846	0.015758	mg/L	0.002240	14.2	26.0514	0.015758 mg/L	Y 371.029
Mo 204.598	0.016651	mg/L	0.002399	14.4	28.1352	0.016651 mg/L	Y 371.029
Na 568.821	0.919728	mg/L	0.056925	6.2	114.669	0.919728 mg/L	Y 371.029
Na 588.995	-0.226100uv	mg/L	0.002142	0.9	148093	-0.226100 mg/L	Y 371.029
Na 589.592	-0.499635uv	mg/L	0.001516	0.3	60347.8	-0.499635 mg/L	Y 371.029
Ni 216.555	0.000194	mg/L	0.000279	144.1	4.32534	0.000194 mg/L	Y 371.029
Ni 221.648	-0.000539uv	mg/L	0.000674	125.1	2.79456	-0.000539 mg/L	Y 371.029
Ni 231.604	-0.001095uv	mg/L	0.000376	34.3	4.92247	-0.001095 mg/L	Y 371.029
P 177.434	0.004601uv	mg/L	0.007714	167.7	0.660368	0.004601 mg/L	Y 371.029
P 213.618	0.001981	mg/L	0.000322	16.3	0.923957	0.001981 mg/L	Y 371.029
P 214.914	0.016387	mg/L	0.008225	50.2	2.39774	0.016387 mg/L	Y 371.029
Pb 220.353	-0.000565uv	mg/L	0.000452	80.1	4.04022	-0.000565 mg/L	Y 371.029
Pb 261.417	0.010846	mg/L	0.000381	3.5	12.2772	0.010846 mg/L	Y 371.029
Pb 405.781	-0.003654uv	mg/L	0.004880	133.6	80.6444	-0.003654 mg/L	Y 371.029
Sb 206.834	0.010430	mg/L	0.002422	23.2	12.1515	0.010430 mg/L	Y 371.029
Sb 231.146	0.011672	mg/L	0.001812	15.5	11.1335	0.011672 mg/L	Y 371.029
Sb 259.804	0.009862uv	mg/L	0.012678	128.6	15.3907	0.009862 mg/L	Y 371.029
Se 196.026	0.006331	mg/L	0.001900	30.0	5.60608	0.006331 mg/L	Y 371.029
Se 203.985	0.018128	mg/L	0.009567	52.8	4.24310	0.018128 mg/L	Y 371.029
Si 250.690	0.148367	mg/L	0.005115	3.4	311.891	0.148367 mg/L	Y 371.029
Si 251.611	0.147743	mg/L	0.002226	1.5	356.612	0.147743 mg/L	Y 371.029
Si 288.158	0.143675	mg/L	0.002636	1.8	2345.96	0.143675 mg/L	Y 371.029
Sn 189.927	0.000594uv	mg/L	0.002400	404.3	1.86670	0.000594 mg/L	Y 371.029
Sn 283.998	-0.000454uv	mg/L	0.001928	424.9	7.43563	-0.000454 mg/L	Y 371.029
Sr 216.596	-0.000035uv	mg/L	0.000137	393.7	16.2087	-0.000035 mg/L	Y 371.029
Sr 407.771	-0.000065uv	mg/L	0.000013	19.3	5550.77	-0.000065 mg/L	Y 371.029
Sr 421.552	-0.000012uv	mg/L	0.000015	122.2	3391.10	-0.000012 mg/L	Y 371.029
Ti 334.941	0.000992	mg/L	0.000296	29.8	319.634	0.000992 mg/L	Y 371.029
Ti 336.122	0.001371	mg/L	0.000407	29.7	125.813	0.001371 mg/L	Y 371.029
Ti 337.280	0.000914	mg/L	0.000535	58.5	36.9585	0.000914 mg/L	Y 371.029
Tl 190.794	-0.000841uv	mg/L	0.001858	220.8	1.65892	-0.000841 mg/L	Y 371.029
Tl 190.807	0.002464uv	mg/L	0.004172	169.4	1.02724	0.002464 mg/L	Y 371.029
Tl 351.923	-0.001342uv	mg/L	0.005030	374.8	4.40309	-0.001342 mg/L	Y 371.029
V 268.796	0.002188	mg/L	0.000185	8.5	50.3467	0.002188 mg/L	Y 371.029
V 292.401	0.000003uv	mg/L	0.000112	4150.8	21.6070	0.000003 mg/L	Y 371.029
V 311.837	0.000153	mg/L	0.000039	25.6	6.81038	0.000153 mg/L	Y 371.029
Zn 202.548	0.006809	mg/L	0.000172	2.5	565.367	0.006809 mg/L	Y 371.029
Zn 206.200	0.006324	mg/L	0.000633	10.0	184.511	0.006324 mg/L	Y 371.029
Zn 213.857	0.007321	mg/L	0.001582	21.6	1145.36	0.007321 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14857	9210.09	63.878	0.7
Y 371.029	0.972390	160354	1322.455	0.8

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SEQ-CCV8 (Samp)	**11/4/2011, 1:13:39 PM**	**Rack 3, Tube 15**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.099703	mg/L	0.000356	0.4	4858.26	0.099703 mg/L	Y 371.029
Ag 338.289	0.097765	mg/L	0.001376	1.4	273.626	0.097765 mg/L	Y 371.029
Al 237.312	2.57819	mg/L	0.010633	0.4	3512.45	2.57819 mg/L	Y 371.029
Al 257.509	2.57111	mg/L	0.031685	1.2	1506.73	2.57111 mg/L	Y 371.029
Al 308.215	2.59804	mg/L	0.012112	0.5	14431.4	2.59804 mg/L	Y 371.029
As 188.980	0.524839	mg/L	0.002516	0.5	152.527	0.524839 mg/L	Y 371.029
As 193.696	0.523638	mg/L	0.003561	0.7	173.794	0.523638 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007744	0.9	583.041	uncal mg/L	Y 371.029
B 182.577	0.499789	mg/L	0.008327	1.7	219.361	0.499789 mg/L	Y 371.029
B 249.678	0.518065	mg/L	0.009048	1.7	4096.25	0.518065 mg/L	Y 371.029
B 249.772	0.501360	mg/L	0.012076	2.4	8636.30	0.501360 mg/L	Y 371.029
Ba 233.527	0.526793	mg/L	0.004809	0.9	17846.4	0.526793 mg/L	Y 371.029
Ba 455.403	0.492081	mg/L	0.003280	0.7	469597	0.492081 mg/L	Y 371.029
Ba 493.408	0.514580	mg/L	0.003306	0.6	286131	0.514580 mg/L	Y 371.029
Be 234.861	0.525204	mg/L	0.002335	0.4	52688.4	0.525204 mg/L	Y 371.029
Be 313.042	0.517373	mg/L	0.002918	0.6	802072	0.517373 mg/L	Y 371.029
Be 313.107	0.519787	mg/L	0.003018	0.6	384427	0.519787 mg/L	Y 371.029
Ca 393.366	4.84693n	mg/L	0.019929	0.4	6275036	4.84693 mg/L	Y 371.029
Ca 396.847	4.63345	mg/L	0.021867	0.5	9243239	4.63345 mg/L	Y 371.029
Ca 430.253	4.93713	mg/L	0.036650	0.7	19102.0	4.93713 mg/L	Y 371.029
Cd 214.439	0.263608	mg/L	0.001002	0.4	4249.12	0.263608 mg/L	Y 371.029
Cd 226.502	0.266195	mg/L	0.000733	0.3	7908.60	0.266195 mg/L	Y 371.029
Cd 228.802	0.257920	mg/L	0.001695	0.7	3416.55	0.257920 mg/L	Y 371.029
Co 228.615	0.521511	mg/L	0.003468	0.7	4274.55	0.521511 mg/L	Y 371.029
Co 230.786	0.527368	mg/L	0.007688	1.5	2834.14	0.527368 mg/L	Y 371.029
Co 238.892	0.527490	mg/L	0.009518	1.8	2694.33	0.527490 mg/L	Y 371.029
Cr 205.560	0.513740	mg/L	0.012616	2.5	1878.02	0.513740 mg/L	Y 371.029
Cr 206.158	0.511183	mg/L	0.013522	2.6	779.460	0.511183 mg/L	Y 371.029
Cr 267.716	0.522015	mg/L	0.004109	0.8	9918.57	0.522015 mg/L	Y 371.029
Cu 213.598	0.527861	mg/L	0.007404	1.4	1652.27	0.527861 mg/L	Y 371.029
Cu 324.754	0.508876	mg/L	0.002856	0.6	17668.9	0.508876 mg/L	Y 371.029
Cu 327.395	0.512018	mg/L	0.002762	0.5	22078.7	0.512018 mg/L	Y 371.029
Fe 234.350	0.532003	mg/L	0.005034	0.9	4157.67	0.532003 mg/L	Y 371.029
Fe 238.204	0.522255	mg/L	0.007055	1.4	8741.83	0.522255 mg/L	Y 371.029
Fe 259.940	0.516971	mg/L	0.007757	1.5	7256.46	0.516971 mg/L	Y 371.029
Ga 287.423	0.510654	mg/L	0.002376	0.5	1141.64	0.510654 mg/L	Y 371.029
Ga 294.363	0.519299	mg/L	0.004033	0.8	3045.89	0.519299 mg/L	Y 371.029
Ga 417.204	0.507419	mg/L	0.004350	0.9	4673.92	0.507419 mg/L	Y 371.029
K 766.491	5.41698	mg/L	0.028571	0.5	298779	5.41698 mg/L	Y 371.029
K 769.897	5.22669	mg/L	0.031653	0.6	245292	5.22669 mg/L	Y 371.029
Li 610.365	1.05582	mg/L	0.007118	0.7	42767.3	1.05582 mg/L	Y 371.029
Li 670.783	1.14376	mg/L	0.006611	0.6	2951206	1.14376 mg/L	Y 371.029
Mg 279.078	5.27903	mg/L	0.008797	0.2	6939.30	5.27903 mg/L	Y 371.029
Mg 280.270	5.37030	mg/L	0.035035	0.7	487629	5.37030 mg/L	Y 371.029
Mg 285.213	5.30318	mg/L	0.245064	4.6	159311	5.30318 mg/L	Y 371.029
Mn 257.610	0.522385	mg/L	0.006687	1.3	71421.8	0.522385 mg/L	Y 371.029
Mn 259.372	0.523822	mg/L	0.006528	1.2	52835.7	0.523822 mg/L	Y 371.029
Mn 260.568	0.513041	mg/L	0.006108	1.2	9276.69	0.513041 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	uncal	mg/L	0.016812	1.6	3312.69	uncal mg/L	Y 371.029
Mo 203.846	1.07800	mg/L	0.008812	0.8	1332.66	1.07800 mg/L	Y 371.029
Mo 204.598	1.06613	mg/L	0.005370	0.5	1556.58	1.06613 mg/L	Y 371.029
Na 568.821	5.00428	mg/L	0.025855	0.5	1224.04	5.00428 mg/L	Y 371.029
Na 588.995	5.67127	mg/L	0.033189	0.6	2664858	5.67127 mg/L	Y 371.029
Na 589.592	5.31751	mg/L	0.034824	0.7	1346010	5.31751 mg/L	Y 371.029
Ni 216.555	1.06269	mg/L	0.005917	0.6	4721.72	1.06269 mg/L	Y 371.029
Ni 221.648	1.03586	mg/L	0.005679	0.5	1873.25	1.03586 mg/L	Y 371.029
Ni 231.604	1.04900	mg/L	0.014866	1.4	3145.34	1.04900 mg/L	Y 371.029
P 177.434	0.546639	mg/L	0.018659	3.4	22.6951	0.546639 mg/L	Y 371.029
P 213.618	0.528858	mg/L	0.011894	2.2	275.606	0.528858 mg/L	Y 371.029
P 214.914	0.520835	mg/L	0.005666	1.1	84.4847	0.520835 mg/L	Y 371.029
Pb 220.353	1.04409	mg/L	0.003010	0.3	1023.89	1.04409 mg/L	Y 371.029
Pb 261.417	1.01254	mg/L	0.007537	0.7	507.562	1.01254 mg/L	Y 371.029
Pb 405.781	0.986585	mg/L	0.004844	0.5	1381.48	0.986585 mg/L	Y 371.029
Sb 206.834	1.11678	mg/L	0.007133	0.6	643.549	1.11678 mg/L	Y 371.029
Sb 231.146	1.11573	mg/L	0.022979	2.1	527.049	1.11573 mg/L	Y 371.029
Sb 259.804	1.13765	mg/L	0.008670	0.8	442.130	1.13765 mg/L	Y 371.029
Se 196.026	1.07893	mg/L	0.014674	1.4	246.325	1.07893 mg/L	Y 371.029
Se 203.985	1.06100	mg/L	0.008961	0.8	149.886	1.06100 mg/L	Y 371.029
Si 250.690	1.06263	mg/L	0.011311	1.1	1389.34	1.06263 mg/L	Y 371.029
Si 251.611	1.03291	mg/L	0.014923	1.4	1599.05	1.03291 mg/L	Y 371.029
Si 288.158	1.05836	mg/L	0.022968	2.2	8269.12	1.05836 mg/L	Y 371.029
Sn 189.927	1.08157	mg/L	0.012798	1.2	225.516	1.08157 mg/L	Y 371.029
Sn 283.998	1.06208	mg/L	0.004704	0.4	1827.91	1.06208 mg/L	Y 371.029
Sr 216.596	0.518539	mg/L	0.001863	0.4	4045.45	0.518539 mg/L	Y 371.029
Sr 407.771	0.500960	mg/L	0.003851	0.8	1268938	0.500960 mg/L	Y 371.029
Sr 421.552	0.509105	mg/L	0.004974	1.0	800685	0.509105 mg/L	Y 371.029
Ti 334.941	0.525405	mg/L	0.002240	0.4	100186	0.525405 mg/L	Y 371.029
Ti 336.122	0.530704	mg/L	0.006650	1.3	43186.5	0.530704 mg/L	Y 371.029
Ti 337.280	0.520136	mg/L	0.002518	0.5	15223.2	0.520136 mg/L	Y 371.029
Tl 190.794	0.528174	mg/L	0.002763	0.5	152.597	0.528174 mg/L	Y 371.029
Tl 190.807	0.518940	mg/L	0.012014	2.3	84.0654	0.518940 mg/L	Y 371.029
Tl 351.923	0.532877	mg/L	0.001673	0.3	627.856	0.532877 mg/L	Y 371.029
V 268.796	0.519552	mg/L	0.002615	0.5	5071.05	0.519552 mg/L	Y 371.029
V 292.401	0.507843	mg/L	0.004276	0.8	16156.5	0.507843 mg/L	Y 371.029
V 311.837	0.518142	mg/L	0.002451	0.5	22684.4	0.518142 mg/L	Y 371.029
Zn 202.548	0.531695	mg/L	0.002670	0.5	4377.86	0.531695 mg/L	Y 371.029
Zn 206.200	0.519225	mg/L	0.009125	1.8	1385.37	0.519225 mg/L	Y 371.029
Zn 213.857	0.514234	mg/L	0.001511	0.3	8735.22	0.514234 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13627	9111.53	55.029	0.6
Y 371.029	0.955127	157507	924.821	0.6

SEQ-CCB8 (Samp)	**11/4/2011, 1:17:32 PM**	**Rack 3, Tube 16**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 1**

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000174	mg/L	0.000075	43.4	331.136	0.000174 mg/L	Y 371.029
Ag 338.289	-0.000605uv	mg/L	0.000762	126.0	1.04374	-0.000605 mg/L	Y 371.029
Al 237.312	-0.004334uv	mg/L	0.001414	32.6	58.8823	-0.004334 mg/L	Y 371.029
Al 257.509	0.011020	mg/L	0.002211	20.1	21.0980	0.011020 mg/L	Y 371.029
Al 308.215	0.002306	mg/L	0.001670	72.4	642.113	0.002306 mg/L	Y 371.029
As 188.980	0.008649	mg/L	0.002039	23.6	6.58057	0.008649 mg/L	Y 371.029
As 193.696	0.003897	mg/L	0.001279	32.8	4.05130	0.003897 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003340	33.0	10.5712	uncal mg/L	Y 371.029
B 182.577	0.009077	mg/L	0.003081	33.9	9.81124	0.009077 mg/L	Y 371.029
B 249.678	0.011437	mg/L	0.004149	36.3	156.511	0.011437 mg/L	Y 371.029
B 249.772	0.012544	mg/L	0.003715	29.6	348.649	0.012544 mg/L	Y 371.029
Ba 233.527	0.000024uv	mg/L	0.000125	524.1	166.214	0.000024 mg/L	Y 371.029
Ba 455.403	-0.000237uv	mg/L	0.000007	2.8	4345.49	-0.000237 mg/L	Y 371.029
Ba 493.408	-0.000233uv	mg/L	0.000017	7.2	2641.26	-0.000233 mg/L	Y 371.029
Be 234.861	0.000012	mg/L	0.000008	67.5	-0.905727	0.000012 mg/L	Y 371.029
Be 313.042	-0.000391uv	mg/L	0.000004	1.1	1328.47	-0.000391 mg/L	Y 371.029
Be 313.107	0.000025	mg/L	0.000007	26.4	33.8592	0.000025 mg/L	Y 371.029
Ca 393.366	-0.016478nuv	mg/L	0.000064	0.4	17551.9	-0.016478 mg/L	Y 371.029
Ca 396.847	-0.012201uv	mg/L	0.000093	0.8	25018.0	-0.012201 mg/L	Y 371.029
Ca 430.253	-0.036829uv	mg/L	0.005965	16.2	658.618	-0.036829 mg/L	Y 371.029
Cd 214.439	0.000104	mg/L	0.000032	30.3	6.19573	0.000104 mg/L	Y 371.029
Cd 226.502	0.000033uv	mg/L	0.000055	165.9	15.7426	0.000033 mg/L	Y 371.029
Cd 228.802	-0.000059uv	mg/L	0.000102	173.8	13.7231	-0.000059 mg/L	Y 371.029
Co 228.615	0.000382	mg/L	0.000180	47.1	4.11969	0.000382 mg/L	Y 371.029
Co 230.786	0.000007uv	mg/L	0.000408	5930.4	4.94832	0.000007 mg/L	Y 371.029
Co 238.892	0.000342	mg/L	0.000246	71.9	4.95581	0.000342 mg/L	Y 371.029
Cr 205.560	0.000494	mg/L	0.000174	35.3	3.55738	0.000494 mg/L	Y 371.029
Cr 206.158	-0.000458uv	mg/L	0.000394	86.0	1.18745	-0.000458 mg/L	Y 371.029
Cr 267.716	-0.000105uv	mg/L	0.000235	224.7	13.1059	-0.000105 mg/L	Y 371.029
Cu 213.598	0.000394	mg/L	0.000178	45.2	1.42226	0.000394 mg/L	Y 371.029
Cu 324.754	-0.002260uv	mg/L	0.000234	10.4	371.177	-0.002260 mg/L	Y 371.029
Cu 327.395	0.000170uv	mg/L	0.000186	109.6	25.0542	0.000170 mg/L	Y 371.029
Fe 234.350	-0.000202uv	mg/L	0.000259	127.9	27.3654	-0.000202 mg/L	Y 371.029
Fe 238.204	0.000679	mg/L	0.000143	21.1	40.4045	0.000679 mg/L	Y 371.029
Fe 259.940	0.000590	mg/L	0.000490	83.2	48.9295	0.000590 mg/L	Y 371.029
Ga 287.423	0.000880	mg/L	0.000667	75.8	11.7204	0.000880 mg/L	Y 371.029
Ga 294.363	0.000746	mg/L	0.000356	47.7	13.0887	0.000746 mg/L	Y 371.029
Ga 417.204	0.002178	mg/L	0.000638	29.3	58.0760	0.002178 mg/L	Y 371.029
K 766.491	-0.001373uv	mg/L	0.000073	5.3	1747.05	-0.001373 mg/L	Y 371.029
K 769.897	-0.011783uv	mg/L	0.000511	4.3	7981.62	-0.011783 mg/L	Y 371.029
Li 610.365	0.001272	mg/L	0.000088	6.9	-5.75080	0.001272 mg/L	Y 371.029
Li 670.783	0.000121	mg/L	0.000021	17.4	53165.5	0.000121 mg/L	Y 371.029
Mg 279.078	0.004181	mg/L	0.000742	17.7	10.3393	0.004181 mg/L	Y 371.029
Mg 280.270	-0.001961uv	mg/L	0.000081	4.1	309.862	-0.001961 mg/L	Y 371.029
Mg 285.213	-0.001757uv	mg/L	0.000060	3.4	84.8194	-0.001757 mg/L	Y 371.029
Mn 257.610	-0.000011uv	mg/L	0.000052	468.2	9.08538	-0.000011 mg/L	Y 371.029
Mn 259.372	0.000104	mg/L	0.000085	82.0	49.3792	0.000104 mg/L	Y 371.029
Mn 260.568	0.000001uv	mg/L	0.000092	7594.6	4.47317	0.000001 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.002650	9.4	100.784	uncal mg/L	Y 371.029
Mo 203.846	0.027242	mg/L	0.002843	10.4	40.1292	0.027242 mg/L	Y 371.029
Mo 204.598	0.027530	mg/L	0.002731	9.9	43.9250	0.027530 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	0.936330	mg/L	0.021439	2.3	119.111	0.936330 mg/L	Y 371.029
Na 588.995	-0.243554uv	mg/L	0.000735	0.3	140652	-0.243554 mg/L	Y 371.029
Na 589.592	-0.515777uv	mg/L	0.000313	0.1	56785.2	-0.515777 mg/L	Y 371.029
Ni 216.555	0.000038uv	mg/L	0.000568	1512.8	3.62499	0.000038 mg/L	Y 371.029
Ni 221.648	-0.000718uv	mg/L	0.000489	68.1	2.46915	-0.000718 mg/L	Y 371.029
Ni 231.604	-0.000270uv	mg/L	0.000275	101.7	7.38371	-0.000270 mg/L	Y 371.029
P 177.434	0.004156uv	mg/L	0.009816	236.2	0.642284	0.004156 mg/L	Y 371.029
P 213.618	0.002909	mg/L	0.001035	35.6	1.39728	0.002909 mg/L	Y 371.029
P 214.914	0.005317	mg/L	0.000105	2.0	0.700498	0.005317 mg/L	Y 371.029
Pb 220.353	-0.001733uv	mg/L	0.000849	49.0	2.90060	-0.001733 mg/L	Y 371.029
Pb 261.417	0.006218	mg/L	0.002994	48.2	9.98947	0.006218 mg/L	Y 371.029
Pb 405.781	-0.004756uv	mg/L	0.003661	77.0	79.2295	-0.004756 mg/L	Y 371.029
Sb 206.834	0.011403	mg/L	0.000782	6.9	12.7031	0.011403 mg/L	Y 371.029
Sb 231.146	0.015175	mg/L	0.005409	35.6	12.7652	0.015175 mg/L	Y 371.029
Sb 259.804	0.009904	mg/L	0.005912	59.7	15.3978	0.009904 mg/L	Y 371.029
Se 196.026	0.014801	mg/L	0.001442	9.7	7.50478	0.014801 mg/L	Y 371.029
Se 203.985	0.011585	mg/L	0.004837	41.8	3.36469	0.011585 mg/L	Y 371.029
Si 250.690	0.000585uv	mg/L	0.000912	155.9	139.040	0.000585 mg/L	Y 371.029
Si 251.611	0.001892	mg/L	0.000691	36.5	155.979	0.001892 mg/L	Y 371.029
Si 288.158	-0.011196uv	mg/L	0.000870	7.8	1344.62	-0.011196 mg/L	Y 371.029
Sn 189.927	0.001466uv	mg/L	0.003467	236.5	2.04733	0.001466 mg/L	Y 371.029
Sn 283.998	0.000473uv	mg/L	0.001778	376.2	8.46068	0.000473 mg/L	Y 371.029
Sr 216.596	0.000064uv	mg/L	0.000184	287.0	16.9706	0.000064 mg/L	Y 371.029
Sr 407.771	-0.000126uv	mg/L	0.000006	5.1	5397.77	-0.000126 mg/L	Y 371.029
Sr 421.552	-0.000062uv	mg/L	0.000008	12.6	3312.38	-0.000062 mg/L	Y 371.029
Ti 334.941	0.000959	mg/L	0.000244	25.5	313.042	0.000959 mg/L	Y 371.029
Ti 336.122	0.001202	mg/L	0.000329	27.4	111.965	0.001202 mg/L	Y 371.029
Ti 337.280	0.000631	mg/L	0.000116	18.4	28.6464	0.000631 mg/L	Y 371.029
Tl 190.794	-0.001068uv	mg/L	0.003901	365.2	1.59335	-0.001068 mg/L	Y 371.029
Tl 190.807	0.003611	mg/L	0.004570	126.6	1.22495	0.003611 mg/L	Y 371.029
Tl 351.923	0.003626uv	mg/L	0.005660	156.1	10.1875	0.003626 mg/L	Y 371.029
V 268.796	0.002139	mg/L	0.000100	4.7	59.6345	0.002139 mg/L	Y 371.029
V 292.401	-0.000033uv	mg/L	0.000130	399.0	20.4127	-0.000033 mg/L	Y 371.029
V 311.837	0.000150	mg/L	0.000073	48.6	6.64198	0.000150 mg/L	Y 371.029
Zn 202.548	0.000446	mg/L	0.000250	56.1	519.769	0.000446 mg/L	Y 371.029
Zn 206.200	-0.000395uv	mg/L	0.000402	101.8	168.869	-0.000395 mg/L	Y 371.029
Zn 213.857	0.000079uv	mg/L	0.000417	525.3	1038.76	0.000079 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14097	9149.18	6.650	0.1
Y 371.029	0.965564	159228	162.530	0.1

1145200-BS1 (Samp) **11/4/2011, 1:20:35 PM** **Rack 3, Tube 17**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.522913	mg/L	0.002876	0.6	24106.9	0.522913 mg/L	Y 371.029
Ag 338.289	0.513756	mg/L	0.001007	0.2	1448.90	0.513756 mg/L	Y 371.029
Al 237.312	5.20583	mg/L	0.038485	0.7	7023.23	5.20583 mg/L	Y 371.029
Al 257.509	5.18223	mg/L	0.026427	0.5	3022.49	5.18223 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	5.33775	mg/L	0.018547	0.3	28945.2	5.33775 mg/L	Y 371.029
As 188.980	1.05430	mg/L	0.005828	0.6	302.349	1.05430 mg/L	Y 371.029
As 193.696	1.04809	mg/L	0.005409	0.5	345.307	1.04809 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.011446	0.7	1494.95	uncal mg/L	Y 371.029
B 182.577	1.00513	mg/L	0.019750	2.0	435.256	1.00513 mg/L	Y 371.029
B 249.678	1.02167	mg/L	0.022197	2.2	8016.32	1.02167 mg/L	Y 371.029
B 249.772	1.00807	mg/L	0.022621	2.2	17281.9	1.00807 mg/L	Y 371.029
Ba 233.527	1.05530	mg/L	0.002702	0.3	35585.9	1.05530 mg/L	Y 371.029
Ba 455.403	0.986747	mg/L	0.005490	0.6	937085	0.986747 mg/L	Y 371.029
Ba 493.408	1.00293	mg/L	0.005371	0.5	555072	1.00293 mg/L	Y 371.029
Be 234.861	1.04998	mg/L	0.004820	0.5	105317	1.04998 mg/L	Y 371.029
Be 313.042	1.04540	mg/L	0.002578	0.2	1618681	1.04540 mg/L	Y 371.029
Be 313.107	1.05054	mg/L	0.001948	0.2	776946	1.05054 mg/L	Y 371.029
Ca 393.366	9.05899n	mg/L	0.035111	0.4	11695165	9.05899 mg/L	Y 371.029
Ca 396.847	8.96801	mg/L	0.033471	0.4	17844414	8.96801 mg/L	Y 371.029
Ca 430.253	9.96642	mg/L	0.041414	0.4	37756.9	9.96642 mg/L	Y 371.029
Cd 214.439	1.04834	mg/L	0.005354	0.5	16884.7	1.04834 mg/L	Y 371.029
Cd 226.502	1.06648	mg/L	0.001369	0.1	31640.4	1.06648 mg/L	Y 371.029
Cd 228.802	1.01723	mg/L	0.006532	0.6	13430.0	1.01723 mg/L	Y 371.029
Co 228.615	1.04176	mg/L	0.003342	0.3	8545.37	1.04176 mg/L	Y 371.029
Co 230.786	1.05958	mg/L	0.003434	0.3	5690.73	1.05958 mg/L	Y 371.029
Co 238.892	1.02924	mg/L	0.000825	0.1	5228.86	1.02924 mg/L	Y 371.029
Cr 205.560	1.02482	mg/L	0.003928	0.4	3746.71	1.02482 mg/L	Y 371.029
Cr 206.158	1.04623	mg/L	0.007329	0.7	1594.41	1.04623 mg/L	Y 371.029
Cr 267.716	1.03242	mg/L	0.003229	0.3	19613.1	1.03242 mg/L	Y 371.029
Cu 213.598	1.05067	mg/L	0.003356	0.3	3287.21	1.05067 mg/L	Y 371.029
Cu 324.754	1.00780	mg/L	0.002691	0.3	34572.9	1.00780 mg/L	Y 371.029
Cu 327.395	1.02855	mg/L	0.002692	0.3	44372.6	1.02855 mg/L	Y 371.029
Fe 234.350	5.40382	mg/L	0.015265	0.3	40138.5	5.40382 mg/L	Y 371.029
Fe 238.204	5.25302	mg/L	0.026803	0.5	85273.3	5.25302 mg/L	Y 371.029
Fe 259.940	5.32573	mg/L	0.030204	0.6	72537.9	5.32573 mg/L	Y 371.029
Ga 287.423	1.01097	mg/L	0.001938	0.2	2314.04	1.01097 mg/L	Y 371.029
Ga 294.363	1.02862	mg/L	0.004548	0.4	6026.65	1.02862 mg/L	Y 371.029
Ga 417.204	0.989043	mg/L	0.004259	0.4	9094.25	0.989043 mg/L	Y 371.029
K 766.491	10.5870	mg/L	0.028013	0.3	582179	10.5870 mg/L	Y 371.029
K 769.897	10.7653	mg/L	0.049707	0.5	496098	10.7653 mg/L	Y 371.029
Li 610.365	1.06440	mg/L	0.003275	0.3	43115.3	1.06440 mg/L	Y 371.029
Li 670.783	1.14644	mg/L	0.002435	0.2	2959237	1.14644 mg/L	Y 371.029
Mg 279.078	10.6425	mg/L	0.024575	0.2	13987.3	10.6425 mg/L	Y 371.029
Mg 280.270	10.2650	mg/L	0.035165	0.3	931642	10.2650 mg/L	Y 371.029
Mg 285.213	10.9467	mg/L	0.058273	0.5	328698	10.9467 mg/L	Y 371.029
Mn 257.610	1.01588	mg/L	0.011289	1.1	138978	1.01588 mg/L	Y 371.029
Mn 259.372	1.01923	mg/L	0.011017	1.1	102906	1.01923 mg/L	Y 371.029
Mn 260.568	1.01979	mg/L	0.008106	0.8	18441.9	1.01979 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.033764	3.5	3029.19	uncal mg/L	Y 371.029
Mo 203.846	0.995462	mg/L	0.041732	4.2	1235.53	0.995462 mg/L	Y 371.029
Mo 204.598	0.985074	mg/L	0.036357	3.7	1443.80	0.985074 mg/L	Y 371.029
Na 568.821	9.52953	mg/L	0.009568	0.1	2445.05	9.52953 mg/L	Y 371.029
Na 588.995	10.7689	mg/L	0.014566	0.1	4840104	10.7689 mg/L	Y 371.029
Na 589.592	11.4169	mg/L	0.027396	0.2	2693782	11.4169 mg/L	Y 371.029
Ni 216.555	1.05965	mg/L	0.005249	0.5	4726.22	1.05965 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	1.03123	mg/L	0.001735	0.2	1871.69	1.03123 mg/L	Y 371.029
Ni 231.604	1.05187	mg/L	0.002526	0.2	3165.66	1.05187 mg/L	Y 371.029
P 177.434	1.09532	mg/L	0.021400	2.0	45.0166	1.09532 mg/L	Y 371.029
P 213.618	1.07593	mg/L	0.007185	0.7	560.212	1.07593 mg/L	Y 371.029
P 214.914	1.04528	mg/L	0.017648	1.7	168.718	1.04528 mg/L	Y 371.029
Pb 220.353	1.04319	mg/L	0.001883	0.2	1023.16	1.04319 mg/L	Y 371.029
Pb 261.417	0.792070	mg/L	0.007677	1.0	397.289	0.792070 mg/L	Y 371.029
Pb 405.781	0.961227	mg/L	0.005108	0.5	1353.79	0.961227 mg/L	Y 371.029
Sb 206.834	1.08609	mg/L	0.005359	0.5	629.015	1.08609 mg/L	Y 371.029
Sb 231.146	1.11294	mg/L	0.020309	1.8	528.912	1.11294 mg/L	Y 371.029
Sb 259.804	0.882581	mg/L	0.015362	1.7	352.522	0.882581 mg/L	Y 371.029
Se 196.026	1.05093	mg/L	0.037550	3.6	240.243	1.05093 mg/L	Y 371.029
Se 203.985	1.12332	mg/L	0.067938	6.0	165.186	1.12332 mg/L	Y 371.029
Si 250.690	1.19709	mg/L	0.001102	0.1	1556.10	1.19709 mg/L	Y 371.029
Si 251.611	1.14651	mg/L	0.003537	0.3	1767.06	1.14651 mg/L	Y 371.029
Si 288.158	1.19259	mg/L	0.005146	0.4	9156.15	1.19259 mg/L	Y 371.029
Sn 189.927	1.05197	mg/L	0.012279	1.2	219.498	1.05197 mg/L	Y 371.029
Sn 283.998	1.08246	mg/L	0.010907	1.0	2324.47	1.08246 mg/L	Y 371.029
Sr 216.596	1.06442	mg/L	0.000767	0.1	8293.95	1.06442 mg/L	Y 371.029
Sr 407.771	1.03220	mg/L	0.006337	0.6	2608488	1.03220 mg/L	Y 371.029
Sr 421.552	1.05302	mg/L	0.005768	0.5	1652469	1.05302 mg/L	Y 371.029
Ti 334.941	1.03828	mg/L	0.002937	0.3	197899	1.03828 mg/L	Y 371.029
Ti 336.122	1.03495	mg/L	0.002597	0.3	84217.3	1.03495 mg/L	Y 371.029
Ti 337.280	1.03248	mg/L	0.003269	0.3	30210.7	1.03248 mg/L	Y 371.029
Tl 190.794	1.07248	mg/L	0.007945	0.7	307.970	1.07248 mg/L	Y 371.029
Tl 190.807	1.03009	mg/L	0.003977	0.4	164.749	1.03009 mg/L	Y 371.029
Tl 351.923	1.05214	mg/L	0.004849	0.5	1233.49	1.05214 mg/L	Y 371.029
V 268.796	0.965450	mg/L	0.005585	0.6	8561.10	0.965450 mg/L	Y 371.029
V 292.401	1.01263	mg/L	0.003813	0.4	32217.0	1.01263 mg/L	Y 371.029
V 311.837	1.02534	mg/L	0.004398	0.4	44912.1	1.02534 mg/L	Y 371.029
Zn 202.548	1.07880	mg/L	0.009056	0.8	8347.64	1.07880 mg/L	Y 371.029
Zn 206.200	1.07488	mg/L	0.009033	0.8	2685.04	1.07488 mg/L	Y 371.029
Zn 213.857	1.05004	mg/L	0.005373	0.5	16674.4	1.05004 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13811	9126.23	67.030	0.7
Y 371.029	0.954720	157440	897.654	0.6

11J1391-01 (Samp) **11/4/2011, 1:24:44 PM** **Rack 3, Tube 18**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.007259uvb	mg/L	0.000234	3.2	304.149	-0.007259 mg/L	Y 371.029
Ag 338.289	-0.046115b	mg/L	0.000190	0.4	5.59554	-0.046115 mg/L	Y 371.029
Al 237.312	24.6579b	mg/L	0.667756	2.7	33091.2	24.6579 mg/L	Y 371.029
Al 257.509	24.0888b	mg/L	0.603431	2.5	14215.2	24.0888 mg/L	Y 371.029
Al 308.215	25.6173b	mg/L	0.603727	2.4	131382	25.6173 mg/L	Y 371.029
As 188.980	0.102240b	mg/L	0.005794	5.7	8.70822	0.102240 mg/L	Y 371.029
As 193.696	0.078589uvb	mg/L	0.002795	3.6	2.69499	0.078589 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.969720	6.4	20278.3	uncal mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.273007b	mg/L	0.017894	6.6	161.301	0.273007 mg/L	Y 371.029
B 249.678	0.082936b	mg/L	0.001072	1.3	1295.62	0.082936 mg/L	Y 371.029
B 249.772	0.163555b	mg/L	0.002033	1.2	3425.78	0.163555 mg/L	Y 371.029
Ba 233.527	0.000255b	mg/L	0.000151	59.3	428.503	0.000255 mg/L	Y 371.029
Ba 455.403	0.002467b	mg/L	0.000167	6.8	11399.2	0.002467 mg/L	Y 371.029
Ba 493.408	0.000560b	mg/L	0.000191	34.1	7050.81	0.000560 mg/L	Y 371.029
Be 234.861	0.010361b	mg/L	0.000351	3.4	933.361	0.010361 mg/L	Y 371.029
Be 313.042	0.013552b	mg/L	0.000296	2.2	20466.8	0.013552 mg/L	Y 371.029
Be 313.107	0.013182b	mg/L	0.000292	2.2	9351.38	0.013182 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.315210	1.3	32292010	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.154778	1.0	30600704	- mg/L	Y 371.029
Ca 430.253	388.671b	mg/L	8.76624	2.3	1445002	388.671 mg/L	Y 371.029
Cd 214.439	17.5693b	mg/L	0.308766	1.8	283048	17.5693 mg/L	Y 371.029
Cd 226.502	17.6621b	mg/L	0.344978	2.0	524347	17.6621 mg/L	Y 371.029
Cd 228.802	18.6645b	mg/L	0.475818	2.5	246286	18.6645 mg/L	Y 371.029
Co 228.615	0.264217b	mg/L	0.005603	2.1	2200.78	0.264217 mg/L	Y 371.029
Co 230.786	0.248180b	mg/L	0.006140	2.5	1474.33	0.248180 mg/L	Y 371.029
Co 238.892	0.207129b	mg/L	0.007026	3.4	922.884	0.207129 mg/L	Y 371.029
Cr 205.560	-0.045922b	mg/L	0.000289	0.6	11.2094	-0.045922 mg/L	Y 371.029
Cr 206.158	-0.283999b	mg/L	0.022473	7.9	77.9888	-0.283999 mg/L	Y 371.029
Cr 267.716	-0.023460b	mg/L	0.000109	0.5	90.9360	-0.023460 mg/L	Y 371.029
Cu 213.598	0.516442b	mg/L	0.009820	1.9	1778.24	0.516442 mg/L	Y 371.029
Cu 324.754	0.729683b	mg/L	0.012130	1.7	20382.9	0.729683 mg/L	Y 371.029
Cu 327.395	0.586244b	mg/L	0.020672	3.5	25795.5	0.586244 mg/L	Y 371.029
Fe 234.350	44.1735b	mg/L	1.30045	2.9	333037	44.1735 mg/L	Y 371.029
Fe 238.204	41.6672b	mg/L	1.25076	3.0	690676	41.6672 mg/L	Y 371.029
Fe 259.940	42.0610b	mg/L	0.969924	2.3	584483	42.0610 mg/L	Y 371.029
Ga 287.423	-0.181125b	mg/L	0.005211	2.9	420.680	-0.181125 mg/L	Y 371.029
Ga 294.363	-0.045287b	mg/L	0.000842	1.9	18.5113	-0.045287 mg/L	Y 371.029
Ga 417.204	-0.011983b	mg/L	0.000930	7.8	249.332	-0.011983 mg/L	Y 371.029
K 766.491	14.0353b	mg/L	0.233821	1.7	781726	14.0353 mg/L	Y 371.029
K 769.897	14.0558b	mg/L	0.239211	1.7	644001	14.0558 mg/L	Y 371.029
Li 610.365	0.030991b	mg/L	0.000592	1.9	1199.65	0.030991 mg/L	Y 371.029
Li 670.783	0.043218b	mg/L	0.001541	3.6	224032	0.043218 mg/L	Y 371.029
Mg 279.078	105.360b	mg/L	2.39580	2.3	138390	105.360 mg/L	Y 371.029
Mg 280.270	62.0633b	mg/L	1.30648	2.1	5644507	62.0633 mg/L	Y 371.029
Mg 285.213	96.6339b	mg/L	1.79853	1.9	2904927	96.6339 mg/L	Y 371.029
Mn 257.610	14.5618b	mg/L	0.309685	2.1	1973920	14.5618 mg/L	Y 371.029
Mn 259.372	14.6309b	mg/L	0.313045	2.1	1465217	14.6309 mg/L	Y 371.029
Mn 260.568	14.7592b	mg/L	0.255325	1.7	266518	14.7592 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.003858	792.4	112.195	uncal mg/L	Y 371.029
Mo 203.846	-0.000125b	mg/L	0.002990	2391.4	43.8254	-0.000125 mg/L	Y 371.029
Mo 204.598	-0.003724b	mg/L	0.004347	116.8	37.8515	-0.003724 mg/L	Y 371.029
Na 568.821	-xb	mg/L	3.70111	1.9	53298.0	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.08431	1.4	33498960	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.03296	1.7	26279192	- mg/L	Y 371.029
Ni 216.555	0.327545b	mg/L	0.005614	1.7	1639.17	0.327545 mg/L	Y 371.029
Ni 221.648	0.284839b	mg/L	0.006200	2.2	628.827	0.284839 mg/L	Y 371.029
Ni 231.604	0.313365b	mg/L	0.007248	2.3	1086.87	0.313365 mg/L	Y 371.029
P 177.434	0.085646uvb	mg/L	0.009488	11.1	0.499600	0.085646 mg/L	Y 371.029
P 213.618	-0.329734b	mg/L	0.003519	1.1	6.42086	-0.329734 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.184456b	mg/L	0.007622	4.1	8.01041	0.184456 mg/L	Y 371.029
Pb 220.353	0.012082b	mg/L	0.003306	27.4	54.7829	0.012082 mg/L	Y 371.029
Pb 261.417	0.037239uvb	mg/L	0.013064	35.1	9.24903	0.037239 mg/L	Y 371.029
Pb 405.781	0.002517b	mg/L	0.012628	501.8	164.225	0.002517 mg/L	Y 371.029
Sb 206.834	-0.231708b	mg/L	0.007267	3.1	24.0858	-0.231708 mg/L	Y 371.029
Sb 231.146	0.104732b	mg/L	0.005683	5.4	12.2420	0.104732 mg/L	Y 371.029
Sb 259.804	-0.460476b	mg/L	0.004337	0.9	15.6183	-0.460476 mg/L	Y 371.029
Se 196.026	0.013060b	mg/L	0.001812	13.9	7.61096	0.013060 mg/L	Y 371.029
Se 203.985	0.221158b	mg/L	0.010779	4.9	8.83479	0.221158 mg/L	Y 371.029
Si 250.690	25.9290b	mg/L	0.615219	2.4	30574.9	25.9290 mg/L	Y 371.029
Si 251.611	25.3418b	mg/L	0.565789	2.2	35778.8	25.3418 mg/L	Y 371.029
Si 288.158	26.4546b	mg/L	0.968535	3.7	171972	26.4546 mg/L	Y 371.029
Sn 189.927	0.028702uvb	mg/L	0.001651	5.8	1.83113	0.028702 mg/L	Y 371.029
Sn 283.998	-0.158955b	mg/L	0.002231	1.4	15.4454	-0.158955 mg/L	Y 371.029
Sr 216.596	0.902768b	mg/L	0.024328	2.7	7279.84	0.902768 mg/L	Y 371.029
Sr 407.771	0.946984b	mg/L	0.021249	2.2	2414587	0.946984 mg/L	Y 371.029
Sr 421.552	0.971296b	mg/L	0.022483	2.3	1538469	0.971296 mg/L	Y 371.029
Ti 334.941	-0.059529b	mg/L	0.000457	0.8	674.880	-0.059529 mg/L	Y 371.029
Ti 336.122	-0.054575b	mg/L	0.000411	0.8	271.459	-0.054575 mg/L	Y 371.029
Ti 337.280	-0.026091b	mg/L	0.000609	2.3	607.819	-0.026091 mg/L	Y 371.029
Tl 190.794	-0.161687b	mg/L	0.001164	0.7	4.35214	-0.161687 mg/L	Y 371.029
Tl 190.807	-0.036802b	mg/L	0.006605	17.9	1.67530	-0.036802 mg/L	Y 371.029
Tl 351.923	-0.065733b	mg/L	0.001521	2.3	13.0576	-0.065733 mg/L	Y 371.029
V 268.796	-0.016407b	mg/L	0.000234	1.4	87.8797	-0.016407 mg/L	Y 371.029
V 292.401	-0.040561b	mg/L	0.000267	0.7	102.190	-0.040561 mg/L	Y 371.029
V 311.837	-0.001691b	mg/L	0.000134	7.9	74.9114	-0.001691 mg/L	Y 371.029
Zn 202.548	-xb	mg/L	2.99154	1.3	1601312	- mg/L	Y 371.029
Zn 206.200	-xb	mg/L	2.23668	0.5	1003314	- mg/L	Y 371.029
Zn 213.857	-xb	mg/L	3.51376	2.3	2293637	- mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.32326	10610.9	146.192	1.4
Y 371.029	1.14257	188419	2482.109	1.3

11J1391-02 (Samp) **11/4/2011, 1:28:58 PM** **Rack 3, Tube 19**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.005792b	mg/L	0.000283	4.9	375.672	-0.005792 mg/L	Y 371.029
Ag 338.289	0.003215b	mg/L	0.002628	81.7	13.8991	0.003215 mg/L	Y 371.029
Al 237.312	0.165932uvb	mg/L	0.003350	2.0	46.8311	0.165932 mg/L	Y 371.029
Al 257.509	0.012416uvb	mg/L	0.008977	72.3	16.9907	0.012416 mg/L	Y 371.029
Al 308.215	0.165935uvb	mg/L	0.000638	0.4	571.936	0.165935 mg/L	Y 371.029
As 188.980	0.004774uvb	mg/L	0.001962	41.1	3.35530	0.004774 mg/L	Y 371.029
As 193.696	-0.013414uvb	mg/L	0.002119	15.8	0.910610	-0.013414 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.014142	24.6	12.6549	uncal mg/L	Y 371.029
B 182.577	0.251680b	mg/L	0.004612	1.8	119.854	0.251680 mg/L	Y 371.029
B 249.678	-0.006265b	mg/L	0.001025	16.4	218.875	-0.006265 mg/L	Y 371.029
B 249.772	0.248524b	mg/L	0.014749	5.9	11081.3	0.248524 mg/L	Y 371.029
Ba 233.527	0.025281b	mg/L	0.000651	2.6	1284.58	0.025281 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.024194b	mg/L	0.000488	2.0	29745.8	0.024194 mg/L	Y 371.029
Ba 493.408	0.023963b	mg/L	0.000540	2.3	19173.2	0.023963 mg/L	Y 371.029
Be 234.861	-0.002224uvb	mg/L	0.002442	109.8	-2405.73	-0.002224 mg/L	Y 371.029
Be 313.042	-0.000185uvb	mg/L	0.000015	8.1	1559.38	-0.000185 mg/L	Y 371.029
Be 313.107	0.000048b	mg/L	0.000007	14.9	83.5495	0.000048 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.308871	1.0	40999668	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.211242	1.1	39259132	- mg/L	Y 371.029
Ca 430.253	114.680b	mg/L	4.44115	3.9	426952	114.680 mg/L	Y 371.029
Cd 214.439	0.009301b	mg/L	0.000549	5.9	206.883	0.009301 mg/L	Y 371.029
Cd 226.502	0.035806b	mg/L	0.001047	2.9	1952.63	0.035806 mg/L	Y 371.029
Cd 228.802	0.004801b	mg/L	0.000591	12.3	29.0389	0.004801 mg/L	Y 371.029
Co 228.615	-0.198438b	mg/L	0.000283	0.1	5.20308	-0.198438 mg/L	Y 371.029
Co 230.786	-0.216888b	mg/L	0.001076	0.5	94.5891	-0.216888 mg/L	Y 371.029
Co 238.892	-0.044227uvb	mg/L	0.033584	75.9	-2872.66	-0.044227 mg/L	Y 371.029
Cr 205.560	-0.073270b	mg/L	0.000499	0.7	5.75776	-0.073270 mg/L	Y 371.029
Cr 206.158	-0.076209b	mg/L	0.001421	1.9	3.56850	-0.076209 mg/L	Y 371.029
Cr 267.716	-0.073022b	mg/L	0.000225	0.3	28.1971	-0.073022 mg/L	Y 371.029
Cu 213.598	-0.023034b	mg/L	0.005235	22.7	700.167	-0.023034 mg/L	Y 371.029
Cu 324.754	-0.077227uvb	mg/L	0.000217	0.3	51.8727	-0.077227 mg/L	Y 371.029
Cu 327.395	-0.111142uvb	mg/L	0.000185	0.2	7.56528	-0.111142 mg/L	Y 371.029
Fe 234.350	-xb	mg/L	31.7949	5.8	4041129	- mg/L	Y 371.029
Fe 238.204	-xb	mg/L	1.22291	0.3	6639770	- mg/L	Y 371.029
Fe 259.940	-xb	mg/L	14.8086	3.4	5895038	- mg/L	Y 371.029
Ga 287.423	-1.01276b	mg/L	0.052534	5.2	5768.34	-1.01276 mg/L	Y 371.029
Ga 294.363	-0.015394b	mg/L	0.002171	14.1	258.452	-0.015394 mg/L	Y 371.029
Ga 417.204	0.057107b	mg/L	0.002562	4.5	1757.68	0.057107 mg/L	Y 371.029
K 766.491	5.47317b	mg/L	0.102386	1.9	304046	5.47317 mg/L	Y 371.029
K 769.897	5.18423b	mg/L	0.099163	1.9	246474	5.18423 mg/L	Y 371.029
Li 610.365	0.003853b	mg/L	0.000081	2.1	98.9431	0.003853 mg/L	Y 371.029
Li 670.783	0.011888b	mg/L	0.000447	3.8	105557	0.011888 mg/L	Y 371.029
Mg 279.078	104.622b	mg/L	1.72772	1.7	137581	104.622 mg/L	Y 371.029
Mg 280.270	68.6938b	mg/L	1.37571	2.0	6231468	68.6938 mg/L	Y 371.029
Mg 285.213	95.6110b	mg/L	3.10255	3.2	2869524	95.6110 mg/L	Y 371.029
Mn 257.610	10.8558b	mg/L	0.398734	3.7	1468088	10.8558 mg/L	Y 371.029
Mn 259.372	10.8761b	mg/L	0.434292	4.0	1155112	10.8761 mg/L	Y 371.029
Mn 260.568	11.0763b	mg/L	0.175392	1.6	200019	11.0763 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.002404	7.5	28.0801	uncal mg/L	Y 371.029
Mo 203.846	-0.050612b	mg/L	0.004662	9.2	23.0821	-0.050612 mg/L	Y 371.029
Mo 204.598	-0.055649b	mg/L	0.002464	4.4	19.9245	-0.055649 mg/L	Y 371.029
Na 568.821	146.418b	mg/L	2.26575	1.5	39193.9	146.418 mg/L	Y 371.029
Na 588.995	-ob	mg/L	2.16679	2.9	31708802	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	4.49924	3.6	27782160	- mg/L	Y 371.029
Ni 216.555	-0.355785b	mg/L	0.000524	0.1	255.579	-0.355785 mg/L	Y 371.029
Ni 221.648	-0.388306b	mg/L	0.001424	0.4	6.37554	-0.388306 mg/L	Y 371.029
Ni 231.604	-0.383808uvb	mg/L	0.001391	0.4	11.2046	-0.383808 mg/L	Y 371.029
P 177.434	0.877117b	mg/L	0.034232	3.9	39.3914	0.877117 mg/L	Y 371.029
P 213.618	0.846145b	mg/L	0.022814	2.7	473.953	0.846145 mg/L	Y 371.029
P 214.914	1.08314b	mg/L	0.026586	2.5	217.993	1.08314 mg/L	Y 371.029
Pb 220.353	-0.008423uvb	mg/L	0.001791	21.3	0.697799	-0.008423 mg/L	Y 371.029
Pb 261.417	0.128001b	mg/L	0.077999	60.9	54.8970	0.128001 mg/L	Y 371.029
Pb 405.781	-0.163928uvb	mg/L	0.002680	1.6	25.9325	-0.163928 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.047606b	mg/L	0.001826	3.8	14.5359	-0.047606 mg/L	Y 371.029
Sb 231.146	0.140893b	mg/L	0.009893	7.0	79.5176	0.140893 mg/L	Y 371.029
Sb 259.804	-0.987000b	mg/L	0.093303	9.5	281.278	-0.987000 mg/L	Y 371.029
Se 196.026	0.019163uvb	mg/L	0.008325	43.4	2.33251	0.019163 mg/L	Y 371.029
Se 203.985	0.129003b	mg/L	0.004277	3.3	7.54547	0.129003 mg/L	Y 371.029
Si 250.690	22.3802b	mg/L	0.384156	1.7	26459.3	22.3802 mg/L	Y 371.029
Si 251.611	21.6493b	mg/L	0.373011	1.7	30216.1	21.6493 mg/L	Y 371.029
Si 288.158	22.6941b	mg/L	0.464480	2.0	148838	22.6941 mg/L	Y 371.029
Sn 189.927	-0.012188b	mg/L	0.002733	22.4	2.37758	-0.012188 mg/L	Y 371.029
Sn 283.998	-0.061075b	mg/L	0.002659	4.4	16.6547	-0.061075 mg/L	Y 371.029
Sr 216.596	0.302252b	mg/L	0.006562	2.2	3147.69	0.302252 mg/L	Y 371.029
Sr 407.771	0.331544b	mg/L	0.010525	3.2	848326	0.331544 mg/L	Y 371.029
Sr 421.552	0.338883b	mg/L	0.011655	3.4	539016	0.338883 mg/L	Y 371.029
Ti 334.941	-0.023499b	mg/L	0.000184	0.8	183.573	-0.023499 mg/L	Y 371.029
Ti 336.122	-0.021958b	mg/L	0.000245	1.1	31.6241	-0.021958 mg/L	Y 371.029
Ti 337.280	-0.021630b	mg/L	0.000071	0.3	64.6163	-0.021630 mg/L	Y 371.029
Tl 190.794	-0.029691uvb	mg/L	0.001482	5.0	1.17953	-0.029691 mg/L	Y 371.029
Tl 190.807	0.074071b	mg/L	0.007656	10.3	9.88074	0.074071 mg/L	Y 371.029
Tl 351.923	0.016765uvb	mg/L	0.003973	23.7	9.09470	0.016765 mg/L	Y 371.029
V 268.796	-0.060997b	mg/L	0.000869	1.4	76.3690	-0.060997 mg/L	Y 371.029
V 292.401	-0.067532b	mg/L	0.000380	0.6	367.864	-0.067532 mg/L	Y 371.029
V 311.837	-0.064917b	mg/L	0.000068	0.1	8.90795	-0.064917 mg/L	Y 371.029
Zn 202.548	0.040212b	mg/L	0.016295	40.5	1187.14	0.040212 mg/L	Y 371.029
Zn 206.200	0.037824b	mg/L	0.013939	36.9	373.143	0.037824 mg/L	Y 371.029
Zn 213.857	0.069882b	mg/L	0.016750	24.0	3345.03	0.069882 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.06410	8532.79	112.841	1.3
Y 371.029	0.915565	150983	1452.263	1.0

11J1391-03 (Samp) **11/4/2011, 1:33:13 PM** **Rack 3, Tube 20**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001958b	mg/L	0.000200	10.2	353.551	-0.001958 mg/L	Y 371.029
Ag 338.289	-0.000629uvb	mg/L	0.001680	267.1	4.26529	-0.000629 mg/L	Y 371.029
Al 237.312	0.024188b	mg/L	0.001137	4.7	114.224	0.024188 mg/L	Y 371.029
Al 257.509	0.038931b	mg/L	0.003570	9.2	44.6413	0.038931 mg/L	Y 371.029
Al 308.215	0.094040b	mg/L	0.001476	1.6	883.953	0.094040 mg/L	Y 371.029
As 188.980	0.007653uvb	mg/L	0.002616	34.2	4.94635	0.007653 mg/L	Y 371.029
As 193.696	0.003013uvb	mg/L	0.001352	44.9	2.34933	0.003013 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002503	0.7	318.222	uncal mg/L	Y 371.029
B 182.577	0.205325b	mg/L	0.001971	1.0	96.2027	0.205325 mg/L	Y 371.029
B 249.678	0.189999b	mg/L	0.002125	1.1	1587.23	0.189999 mg/L	Y 371.029
B 249.772	0.185147b	mg/L	0.008254	4.5	3318.05	0.185147 mg/L	Y 371.029
Ba 233.527	0.029457b	mg/L	0.000301	1.0	1212.40	0.029457 mg/L	Y 371.029
Ba 455.403	0.028459b	mg/L	0.000156	0.5	32859.7	0.028459 mg/L	Y 371.029
Ba 493.408	0.028792b	mg/L	0.000171	0.6	19486.9	0.028792 mg/L	Y 371.029
Be 234.861	0.000094b	mg/L	0.000046	48.9	6.04334	0.000094 mg/L	Y 371.029
Be 313.042	-0.000103uvb	mg/L	0.000005	4.4	1686.92	-0.000103 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000249b	mg/L	0.000009	3.6	199.384	0.000249 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.124688	0.4	39714292	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.097513	0.5	37930704	- mg/L	Y 371.029
Ca 430.253	83.8166b	mg/L	0.269101	0.3	311021	83.8166 mg/L	Y 371.029
Cd 214.439	0.207988b	mg/L	0.007109	3.4	3357.88	0.207988 mg/L	Y 371.029
Cd 226.502	0.214910b	mg/L	0.000185	0.1	6415.26	0.214910 mg/L	Y 371.029
Cd 228.802	0.208985b	mg/L	0.001160	0.6	2774.73	0.208985 mg/L	Y 371.029
Co 228.615	0.019518b	mg/L	0.000164	0.8	157.665	0.019518 mg/L	Y 371.029
Co 230.786	0.019700b	mg/L	0.000307	1.6	114.929	0.019700 mg/L	Y 371.029
Co 238.892	0.016747b	mg/L	0.000850	5.1	88.9107	0.016747 mg/L	Y 371.029
Cr 205.560	-0.001828uvb	mg/L	0.000301	16.4	2.10426	-0.001828 mg/L	Y 371.029
Cr 206.158	-0.007368b	mg/L	0.002929	39.8	6.44535	-0.007368 mg/L	Y 371.029
Cr 267.716	-0.000910b	mg/L	0.000103	11.3	20.2599	-0.000910 mg/L	Y 371.029
Cu 213.598	0.001916b	mg/L	0.000176	9.2	13.7702	0.001916 mg/L	Y 371.029
Cu 324.754	0.007834b	mg/L	0.000215	2.7	476.449	0.007834 mg/L	Y 371.029
Cu 327.395	0.001796b	mg/L	0.000089	5.0	142.213	0.001796 mg/L	Y 371.029
Fe 234.350	0.925358b	mg/L	0.002181	0.2	7211.75	0.925358 mg/L	Y 371.029
Fe 238.204	0.908561b	mg/L	0.020944	2.3	15576.7	0.908561 mg/L	Y 371.029
Fe 259.940	0.889417b	mg/L	0.009778	1.1	12701.6	0.889417 mg/L	Y 371.029
Ga 287.423	-0.007551b	mg/L	0.001362	18.0	13.0380	-0.007551 mg/L	Y 371.029
Ga 294.363	0.001130b	mg/L	0.000470	41.6	15.8022	0.001130 mg/L	Y 371.029
Ga 417.204	0.000709uvb	mg/L	0.001052	148.5	33.1922	0.000709 mg/L	Y 371.029
K 766.491	8.28600b	mg/L	0.026950	0.3	456704	8.28600 mg/L	Y 371.029
K 769.897	8.04194b	mg/L	0.030666	0.4	373259	8.04194 mg/L	Y 371.029
Li 610.365	0.003463b	mg/L	0.000354	10.2	83.1059	0.003463 mg/L	Y 371.029
Li 670.783	0.007781b	mg/L	0.000101	1.3	77519.1	0.007781 mg/L	Y 371.029
Mg 279.078	26.0189b	mg/L	0.065464	0.3	34185.7	26.0189 mg/L	Y 371.029
Mg 280.270	23.8180b	mg/L	0.075016	0.3	2161329	23.8180 mg/L	Y 371.029
Mg 285.213	26.3756b	mg/L	0.220844	0.8	791883	26.3756 mg/L	Y 371.029
Mn 257.610	0.968930b	mg/L	0.007039	0.7	130781	0.968930 mg/L	Y 371.029
Mn 259.372	0.959871b	mg/L	0.006456	0.7	95927.2	0.959871 mg/L	Y 371.029
Mn 260.568	0.953987b	mg/L	0.003744	0.4	17294.2	0.953987 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001290	14.0	33.4427	uncal mg/L	Y 371.029
Mo 203.846	-0.010947b	mg/L	0.000903	8.2	12.7577	-0.010947 mg/L	Y 371.029
Mo 204.598	-0.011966b	mg/L	0.002300	19.2	9.59310	-0.011966 mg/L	Y 371.029
Na 568.821	25.0864b	mg/L	0.128214	0.5	6726.29	25.0864 mg/L	Y 371.029
Na 588.995	26.6507b	mg/L	0.015612	0.1	11618035	26.6507 mg/L	Y 371.029
Na 589.592	28.7636b	mg/L	0.027536	0.1	6527976	28.7636 mg/L	Y 371.029
Ni 216.555	0.030061b	mg/L	0.000749	2.5	142.987	0.030061 mg/L	Y 371.029
Ni 221.648	0.027963b	mg/L	0.003310	11.8	57.8839	0.027963 mg/L	Y 371.029
Ni 231.604	0.031224b	mg/L	0.000795	2.5	110.094	0.031224 mg/L	Y 371.029
P 177.434	0.014145b	mg/L	0.011506	81.3	0.888426	0.014145 mg/L	Y 371.029
P 213.618	-0.010291b	mg/L	0.001638	15.9	2.25703	-0.010291 mg/L	Y 371.029
P 214.914	0.033027b	mg/L	0.011982	36.3	4.74269	0.033027 mg/L	Y 371.029
Pb 220.353	-0.002615uvb	mg/L	0.001974	75.5	4.57293	-0.002615 mg/L	Y 371.029
Pb 261.417	-0.002663uvb	mg/L	0.002667	100.2	5.83804	-0.002663 mg/L	Y 371.029
Pb 405.781	-0.017700b	mg/L	0.005871	33.2	99.0808	-0.017700 mg/L	Y 371.029
Sb 206.834	-0.017851uvb	mg/L	0.003628	20.3	5.30418	-0.017851 mg/L	Y 371.029
Sb 231.146	-0.017462uvb	mg/L	0.002478	14.2	6.03920	-0.017462 mg/L	Y 371.029
Sb 259.804	-0.065138uvb	mg/L	0.003863	5.9	2.10829	-0.065138 mg/L	Y 371.029
Se 196.026	0.003975b	mg/L	0.002954	74.3	6.51790	0.003975 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.012351uvb	mg/L	0.006150	49.8	1.56511	0.012351 mg/L	Y 371.029
Si 250.690	9.44971b	mg/L	0.010342	0.1	11195.4	9.44971 mg/L	Y 371.029
Si 251.611	9.11377b	mg/L	0.051885	0.6	12825.9	9.11377 mg/L	Y 371.029
Si 288.158	9.80210b	mg/L	0.344686	3.5	65212.3	9.80210 mg/L	Y 371.029
Sn 189.927	0.003786uvb	mg/L	0.003568	94.2	2.14576	0.003786 mg/L	Y 371.029
Sn 283.998	-0.015865uvb	mg/L	0.003373	21.3	4.84438	-0.015865 mg/L	Y 371.029
Sr 216.596	0.308073b	mg/L	0.001466	0.5	2430.75	0.308073 mg/L	Y 371.029
Sr 407.771	0.294929b	mg/L	0.002351	0.8	754406	0.294929 mg/L	Y 371.029
Sr 421.552	0.301646b	mg/L	0.001133	0.4	478935	0.301646 mg/L	Y 371.029
Ti 334.941	-0.001667b	mg/L	0.000317	19.0	216.853	-0.001667 mg/L	Y 371.029
Ti 336.122	-0.001338b	mg/L	0.000251	18.7	45.1915	-0.001338 mg/L	Y 371.029
Ti 337.280	-0.001263b	mg/L	0.000138	10.9	32.5646	-0.001263 mg/L	Y 371.029
Tl 190.794	-0.005487uvb	mg/L	0.002518	45.9	1.40329	-0.005487 mg/L	Y 371.029
Tl 190.807	0.005139uvb	mg/L	0.002683	52.2	0.936860	0.005139 mg/L	Y 371.029
Tl 351.923	0.005038b	mg/L	0.003609	71.6	17.6490	0.005038 mg/L	Y 371.029
V 268.796	-0.001033b	mg/L	0.000121	11.7	37.0862	-0.001033 mg/L	Y 371.029
V 292.401	-0.000931b	mg/L	0.000242	26.0	35.2536	-0.000931 mg/L	Y 371.029
V 311.837	0.000209b	mg/L	0.000027	12.7	11.8918	0.000209 mg/L	Y 371.029
Zn 202.548	13.5989b	mg/L	0.176859	1.3	98073.3	13.5989 mg/L	Y 371.029
Zn 206.200	13.9321b	mg/L	0.071338	0.5	32653.6	13.9321 mg/L	Y 371.029
Zn 213.857	13.6772b	mg/L	0.044396	0.3	202564	13.6772 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12097	8988.79	35.145	0.4
Y 371.029	0.942715	155460	643.335	0.4

11J1391-04 (Samp) **11/4/2011, 1:37:27 PM** **Rack 3, Tube 21**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.005532b	mg/L	0.000159	2.9	435.216	-0.005532 mg/L	Y 371.029
Ag 338.289	-0.015900b	mg/L	0.000418	2.6	11.0843	-0.015900 mg/L	Y 371.029
Al 237.312	0.015002uvb	mg/L	0.003505	23.4	16.3290	0.015002 mg/L	Y 371.029
Al 257.509	-0.157121b	mg/L	0.013337	8.5	39.7444	-0.157121 mg/L	Y 371.029
Al 308.215	0.549825b	mg/L	0.000736	0.1	705.356	0.549825 mg/L	Y 371.029
As 188.980	0.120388b	mg/L	0.001960	1.6	24.5715	0.120388 mg/L	Y 371.029
As 193.696	0.099435b	mg/L	0.003737	3.8	22.1900	0.099435 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.029113	3.8	672.540	uncal mg/L	Y 371.029
B 182.577	0.257833b	mg/L	0.002441	0.9	137.515	0.257833 mg/L	Y 371.029
B 249.678	0.046314b	mg/L	0.000583	1.3	781.207	0.046314 mg/L	Y 371.029
B 249.772	0.172552b	mg/L	0.003129	1.8	5817.89	0.172552 mg/L	Y 371.029
Ba 233.527	0.009948b	mg/L	0.000381	3.8	710.933	0.009948 mg/L	Y 371.029
Ba 455.403	0.010725b	mg/L	0.000165	1.5	17228.5	0.010725 mg/L	Y 371.029
Ba 493.408	0.009468b	mg/L	0.000198	2.1	10903.5	0.009468 mg/L	Y 371.029
Be 234.861	-0.002102uvb	mg/L	0.000950	45.2	-1083.27	-0.002102 mg/L	Y 371.029
Be 313.042	0.000608uvb	mg/L	0.000013	2.1	1613.74	0.000608 mg/L	Y 371.029
Be 313.107	0.000379b	mg/L	0.000015	4.0	125.079	0.000379 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.246463	0.8	40895132	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.146762	0.7	40140384	- mg/L	Y 371.029
Ca 430.253	178.717b	mg/L	2.28470	1.3	666051	178.717 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.518203b	mg/L	0.003040	0.6	8439.64	0.518203 mg/L	Y 371.029
Cd 226.502	0.527726b	mg/L	0.005855	1.1	16398.2	0.527726 mg/L	Y 371.029
Cd 228.802	0.525323b	mg/L	0.007987	1.5	7002.54	0.525323 mg/L	Y 371.029
Co 228.615	0.088656b	mg/L	0.002472	2.8	1351.89	0.088656 mg/L	Y 371.029
Co 230.786	0.079478b	mg/L	0.003111	3.9	969.760	0.079478 mg/L	Y 371.029
Co 238.892	0.113604uvb	mg/L	0.009229	8.1	-483.034	0.113604 mg/L	Y 371.029
Cr 205.560	-0.046469uvb	mg/L	0.000307	0.7	2.30009	-0.046469 mg/L	Y 371.029
Cr 206.158	-0.168031b	mg/L	0.030941	18.4	40.6830	-0.168031 mg/L	Y 371.029
Cr 267.716	-0.035885b	mg/L	0.000178	0.5	70.5312	-0.035885 mg/L	Y 371.029
Cu 213.598	-0.032968b	mg/L	0.000867	2.6	274.422	-0.032968 mg/L	Y 371.029
Cu 324.754	0.038251uvb	mg/L	0.000203	0.5	132.456	0.038251 mg/L	Y 371.029
Cu 327.395	-0.048462uvb	mg/L	0.000033	0.1	5.98359	-0.048462 mg/L	Y 371.029
Fe 234.350	-xb	mg/L	3.60827	1.6	1687122	- mg/L	Y 371.029
Fe 238.204	203.785b	mg/L	2.39330	1.2	3293773	203.785 mg/L	Y 371.029
Fe 259.940	211.267b	mg/L	1.64729	0.8	2866005	211.267 mg/L	Y 371.029
Ga 287.423	-0.568714b	mg/L	0.011526	2.0	2163.09	-0.568714 mg/L	Y 371.029
Ga 294.363	-0.035023b	mg/L	0.001126	3.2	70.1074	-0.035023 mg/L	Y 371.029
Ga 417.204	-0.004062b	mg/L	0.000922	22.7	623.180	-0.004062 mg/L	Y 371.029
K 766.491	10.0758b	mg/L	0.094979	0.9	560232	10.0758 mg/L	Y 371.029
K 769.897	10.1934b	mg/L	0.124663	1.2	471411	10.1934 mg/L	Y 371.029
Li 610.365	0.007933b	mg/L	0.000218	2.8	264.427	0.007933 mg/L	Y 371.029
Li 670.783	0.012979b	mg/L	0.000505	3.9	126569	0.012979 mg/L	Y 371.029
Mg 279.078	101.369b	mg/L	1.16471	1.1	133201	101.369 mg/L	Y 371.029
Mg 280.270	67.2811b	mg/L	0.814389	1.2	6110416	67.2811 mg/L	Y 371.029
Mg 285.213	94.1004b	mg/L	1.74152	1.9	2826610	94.1004 mg/L	Y 371.029
Mn 257.610	21.7387b	mg/L	0.202996	0.9	2934533	21.7387 mg/L	Y 371.029
Mn 259.372	21.8058b	mg/L	0.200463	0.9	2200446	21.8058 mg/L	Y 371.029
Mn 260.568	22.3159b	mg/L	0.235897	1.1	402017	22.3159 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001090	3.4	16.9794	uncal mg/L	Y 371.029
Mo 203.846	-0.035065b	mg/L	0.001077	3.1	17.1594	-0.035065 mg/L	Y 371.029
Mo 204.598	-0.040997b	mg/L	0.000749	1.8	7.61489	-0.040997 mg/L	Y 371.029
Na 568.821	183.483b	mg/L	1.94649	1.1	49846.0	183.483 mg/L	Y 371.029
Na 588.995	-ob	mg/L	2.31037	2.7	36659136	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.68574	1.3	29950282	- mg/L	Y 371.029
Ni 216.555	-0.058658b	mg/L	0.001389	2.4	529.719	-0.058658 mg/L	Y 371.029
Ni 221.648	-0.086406b	mg/L	0.002491	2.9	167.698	-0.086406 mg/L	Y 371.029
Ni 231.604	-0.070805b	mg/L	0.001602	2.3	298.910	-0.070805 mg/L	Y 371.029
P 177.434	0.246000b	mg/L	0.029812	12.1	9.86876	0.246000 mg/L	Y 371.029
P 213.618	0.009409b	mg/L	0.000489	5.2	105.919	0.009409 mg/L	Y 371.029
P 214.914	0.327806b	mg/L	0.013605	4.2	59.6687	0.327806 mg/L	Y 371.029
Pb 220.353	-0.029066uvb	mg/L	0.003840	13.2	0.382839	-0.029066 mg/L	Y 371.029
Pb 261.417	0.096728b	mg/L	0.050116	51.8	58.6614	0.096728 mg/L	Y 371.029
Pb 405.781	-0.119215uvb	mg/L	0.011761	9.9	82.4091	-0.119215 mg/L	Y 371.029
Sb 206.834	-0.133213b	mg/L	0.001657	1.2	14.3832	-0.133213 mg/L	Y 371.029
Sb 231.146	0.129477b	mg/L	0.007477	5.8	27.2965	0.129477 mg/L	Y 371.029
Sb 259.804	-0.339045b	mg/L	0.087170	25.7	198.361	-0.339045 mg/L	Y 371.029
Se 196.026	0.003878uvb	mg/L	0.003460	89.2	2.81833	0.003878 mg/L	Y 371.029
Se 203.985	0.162935b	mg/L	0.007056	4.3	12.4827	0.162935 mg/L	Y 371.029
Si 250.690	21.1030b	mg/L	0.240831	1.1	24924.2	21.1030 mg/L	Y 371.029
Si 251.611	20.4208b	mg/L	0.240526	1.2	28687.1	20.4208 mg/L	Y 371.029
Si 288.158	21.5573b	mg/L	0.488281	2.3	140595	21.5573 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.006949uvb	mg/L	0.002552	36.7	1.30963	0.006949 mg/L	Y 371.029
Sn 283.998	-0.101331b	mg/L	0.006654	6.6	23.5672	-0.101331 mg/L	Y 371.029
Sr 216.596	0.667819b	mg/L	0.007848	1.2	5607.87	0.667819 mg/L	Y 371.029
Sr 407.771	0.685428b	mg/L	0.010595	1.5	1745023	0.685428 mg/L	Y 371.029
Sr 421.552	0.698550b	mg/L	0.010412	1.5	1104905	0.698550 mg/L	Y 371.029
Ti 334.941	-0.038743uvb	mg/L	0.000620	1.6	160.574	-0.038743 mg/L	Y 371.029
Ti 336.122	-0.036071uvb	mg/L	0.000311	0.9	23.5663	-0.036071 mg/L	Y 371.029
Ti 337.280	-0.030544b	mg/L	0.000201	0.7	31.2798	-0.030544 mg/L	Y 371.029
Tl 190.794	-0.095655b	mg/L	0.005628	5.9	6.42544	-0.095655 mg/L	Y 371.029
Tl 190.807	0.007407b	mg/L	0.010946	147.8	3.61608	0.007407 mg/L	Y 371.029
Tl 351.923	-0.026556b	mg/L	0.005524	20.8	13.7330	-0.026556 mg/L	Y 371.029
V 268.796	-0.031173b	mg/L	0.000154	0.5	59.2765	-0.031173 mg/L	Y 371.029
V 292.401	-0.046268b	mg/L	0.000170	0.4	122.833	-0.046268 mg/L	Y 371.029
V 311.837	-0.024560b	mg/L	0.000059	0.2	9.62193	-0.024560 mg/L	Y 371.029
Zn 202.548	-xb	mg/L	3.70332	2.2	1183552	- mg/L	Y 371.029
Zn 206.200	-xb	mg/L	0.721938	0.3	505347	- mg/L	Y 371.029
Zn 213.857	-xb	mg/L	0.750159	0.6	1788144	- mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.07205	8596.50	59.884	0.7
Y 371.029	0.920278	151760	1087.087	0.7

11J1391-05 (Samp) **11/4/2011, 1:41:42 PM** **Rack 3, Tube 22**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.004681uvb	mg/L	0.000150	3.2	325.105	-0.004681 mg/L	Y 371.029
Ag 338.289	0.000646uvb	mg/L	0.001605	248.5	4.15757	0.000646 mg/L	Y 371.029
Al 237.312	-0.011957b	mg/L	0.003243	27.1	76.4530	-0.011957 mg/L	Y 371.029
Al 257.509	0.025064b	mg/L	0.002147	8.6	25.4668	0.025064 mg/L	Y 371.029
Al 308.215	0.050241b	mg/L	0.000539	1.1	711.473	0.050241 mg/L	Y 371.029
As 188.980	0.113085b	mg/L	0.002441	2.2	35.6252	0.113085 mg/L	Y 371.029
As 193.696	0.100802b	mg/L	0.005082	5.0	34.9112	0.100802 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005326	3.3	109.732	uncal mg/L	Y 371.029
B 182.577	0.252830b	mg/L	0.005790	2.3	117.284	0.252830 mg/L	Y 371.029
B 249.678	0.229139b	mg/L	0.005244	2.3	1906.43	0.229139 mg/L	Y 371.029
B 249.772	0.228057b	mg/L	0.006129	2.7	4083.14	0.228057 mg/L	Y 371.029
Ba 233.527	0.149183b	mg/L	0.001437	1.0	5280.60	0.149183 mg/L	Y 371.029
Ba 455.403	0.142785b	mg/L	0.000875	0.6	142287	0.142785 mg/L	Y 371.029
Ba 493.408	0.145516b	mg/L	0.000864	0.6	84501.5	0.145516 mg/L	Y 371.029
Be 234.861	0.000073b	mg/L	0.000039	53.4	4.17629	0.000073 mg/L	Y 371.029
Be 313.042	-0.000348uvb	mg/L	0.000004	1.2	1366.28	-0.000348 mg/L	Y 371.029
Be 313.107	0.000014b	mg/L	0.000011	74.4	44.7146	0.000014 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.043343	0.1	39794356	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.026060	0.1	39088048	- mg/L	Y 371.029
Ca 430.253	173.672b	mg/L	1.01141	0.6	643033	173.672 mg/L	Y 371.029
Cd 214.439	0.048745b	mg/L	0.000454	0.9	789.531	0.048745 mg/L	Y 371.029
Cd 226.502	0.049269b	mg/L	0.000324	0.7	1487.77	0.049269 mg/L	Y 371.029
Cd 228.802	0.049587b	mg/L	0.000597	1.2	667.821	0.049587 mg/L	Y 371.029
Co 228.615	0.000993uvb	mg/L	0.000238	24.0	3.16470	0.000993 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	-0.000202b	mg/L	0.000244	120.7	6.29205	-0.000202 mg/L	Y 371.029
Co 238.892	-0.000798uvb	mg/L	0.000262	32.8	2.42764	-0.000798 mg/L	Y 371.029
Cr 205.560	-0.000952b	mg/L	0.000357	37.5	4.68232	-0.000952 mg/L	Y 371.029
Cr 206.158	-0.000031b	mg/L	0.000490	1584.0	2.74582	-0.000031 mg/L	Y 371.029
Cr 267.716	-0.000486b	mg/L	0.000072	14.9	28.6114	-0.000486 mg/L	Y 371.029
Cu 213.598	0.001367b	mg/L	0.000268	19.6	8.77298	0.001367 mg/L	Y 371.029
Cu 324.754	0.006362b	mg/L	0.000120	1.9	495.495	0.006362 mg/L	Y 371.029
Cu 327.395	0.001844b	mg/L	0.000114	6.2	157.043	0.001844 mg/L	Y 371.029
Fe 234.350	0.001623b	mg/L	0.004752	292.7	295.927	0.001623 mg/L	Y 371.029
Fe 238.204	-0.002369b	mg/L	0.004656	196.5	617.025	-0.002369 mg/L	Y 371.029
Fe 259.940	-0.007948b	mg/L	0.004799	60.4	291.994	-0.007948 mg/L	Y 371.029
Ga 287.423	-0.000673uvb	mg/L	0.001301	193.4	11.2461	-0.000673 mg/L	Y 371.029
Ga 294.363	0.003625uvb	mg/L	0.000505	13.9	9.64497	0.003625 mg/L	Y 371.029
Ga 417.204	0.003950uvb	mg/L	0.000738	18.7	23.4919	0.003950 mg/L	Y 371.029
K 766.491	7.52227b	mg/L	0.035371	0.5	415081	7.52227 mg/L	Y 371.029
K 769.897	7.28316b	mg/L	0.037718	0.5	339278	7.28316 mg/L	Y 371.029
Li 610.365	0.012960b	mg/L	0.000607	4.7	468.306	0.012960 mg/L	Y 371.029
Li 670.783	0.034899b	mg/L	0.000207	0.6	145973	0.034899 mg/L	Y 371.029
Mg 279.078	32.4509b	mg/L	0.215332	0.7	42639.7	32.4509 mg/L	Y 371.029
Mg 280.270	28.8900b	mg/L	0.109994	0.4	2621183	28.8900 mg/L	Y 371.029
Mg 285.213	32.8513b	mg/L	0.103651	0.3	986041	32.8513 mg/L	Y 371.029
Mn 257.610	0.001236b	mg/L	0.000150	12.2	223.350	0.001236 mg/L	Y 371.029
Mn 259.372	-0.002176b	mg/L	0.000113	5.2	185.817	-0.002176 mg/L	Y 371.029
Mn 260.568	0.005440b	mg/L	0.000152	2.8	264.397	0.005440 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001086	8.3	24.4236	uncal mg/L	Y 371.029
Mo 203.846	-0.013844b	mg/L	0.001341	9.7	10.0258	-0.013844 mg/L	Y 371.029
Mo 204.598	-0.014004b	mg/L	0.000975	7.0	6.73369	-0.014004 mg/L	Y 371.029
Na 568.821	7.87390b	mg/L	0.096659	1.2	2198.06	7.87390 mg/L	Y 371.029
Na 588.995	8.83709b	mg/L	0.019280	0.2	4030746	8.83709 mg/L	Y 371.029
Na 589.592	9.08086b	mg/L	0.053860	0.6	2184153	9.08086 mg/L	Y 371.029
Ni 216.555	-0.000304b	mg/L	0.000377	123.8	5.77092	-0.000304 mg/L	Y 371.029
Ni 221.648	0.001232b	mg/L	0.000087	7.1	7.44065	0.001232 mg/L	Y 371.029
Ni 231.604	-0.000245b	mg/L	0.000805	328.1	17.0953	-0.000245 mg/L	Y 371.029
P 177.434	0.036089b	mg/L	0.024523	68.0	1.86817	0.036089 mg/L	Y 371.029
P 213.618	0.040710b	mg/L	0.001800	4.4	24.5762	0.040710 mg/L	Y 371.029
P 214.914	0.065237b	mg/L	0.009856	15.1	10.8313	0.065237 mg/L	Y 371.029
Pb 220.353	-0.003656uvb	mg/L	0.002090	57.2	3.43417	-0.003656 mg/L	Y 371.029
Pb 261.417	0.010339uvb	mg/L	0.009890	95.7	9.13440	0.010339 mg/L	Y 371.029
Pb 405.781	-0.043227uvb	mg/L	0.008875	20.5	94.7983	-0.043227 mg/L	Y 371.029
Sb 206.834	-0.014903uvb	mg/L	0.002699	18.1	7.32797	-0.014903 mg/L	Y 371.029
Sb 231.146	-0.059104uvb	mg/L	0.003245	5.5	4.39195	-0.059104 mg/L	Y 371.029
Sb 259.804	-0.088487uvb	mg/L	0.005634	6.4	5.59146	-0.088487 mg/L	Y 371.029
Se 196.026	0.010927b	mg/L	0.009238	84.5	10.1825	0.010927 mg/L	Y 371.029
Se 203.985	0.031364uvb	mg/L	0.014861	47.4	3.04002	0.031364 mg/L	Y 371.029
Si 250.690	10.9290b	mg/L	0.038438	0.4	12922.1	10.9290 mg/L	Y 371.029
Si 251.611	10.4343b	mg/L	0.090168	0.9	14762.2	10.4343 mg/L	Y 371.029
Si 288.158	11.0823b	mg/L	0.118113	1.1	74125.6	11.0823 mg/L	Y 371.029
Sn 189.927	0.005172uvb	mg/L	0.002833	54.8	2.21209	0.005172 mg/L	Y 371.029
Sn 283.998	-0.015500uvb	mg/L	0.004214	27.2	5.33976	-0.015500 mg/L	Y 371.029
Sr 216.596	0.388939b	mg/L	0.001800	0.5	3073.25	0.388939 mg/L	Y 371.029
Sr 407.771	0.378219b	mg/L	0.001461	0.4	969946	0.378219 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.385635b	mg/L	0.001604	0.4	613863	0.385635 mg/L	Y 371.029
Ti 334.941	-0.000881uvb	mg/L	0.000242	27.5	84.8521	-0.000881 mg/L	Y 371.029
Ti 336.122	0.000143b	mg/L	0.000032	22.6	25.1776	0.000143 mg/L	Y 371.029
Ti 337.280	-0.000976b	mg/L	0.000169	17.3	21.4814	-0.000976 mg/L	Y 371.029
Tl 190.794	0.001919uvb	mg/L	0.003366	175.4	1.01838	0.001919 mg/L	Y 371.029
Tl 190.807	0.015999b	mg/L	0.007147	44.7	1.58038	0.015999 mg/L	Y 371.029
Tl 351.923	0.010800b	mg/L	0.008383	77.6	27.5841	0.010800 mg/L	Y 371.029
V 268.796	0.015694b	mg/L	0.000216	1.4	165.437	0.015694 mg/L	Y 371.029
V 292.401	0.018158b	mg/L	0.000200	1.1	608.833	0.018158 mg/L	Y 371.029
V 311.837	0.017268b	mg/L	0.000190	1.1	765.814	0.017268 mg/L	Y 371.029
Zn 202.548	1.37692b	mg/L	0.009274	0.7	10491.6	1.37692 mg/L	Y 371.029
Zn 206.200	1.39072b	mg/L	0.007906	0.6	3447.06	1.39072 mg/L	Y 371.029
Zn 213.857	1.39560b	mg/L	0.009155	0.7	21812.9	1.39560 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.11230	8919.30	2.066	0.0
Y 371.029	0.940085	155027	215.240	0.1

11J1391-06 (Samp) **11/4/2011, 1:45:51 PM** **Rack 3, Tube 23**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.004794b	mg/L	0.000049	1.0	339.152	-0.004794 mg/L	Y 371.029
Ag 338.289	0.001099uvb	mg/L	0.002282	207.7	9.59730	0.001099 mg/L	Y 371.029
Al 237.312	-0.021543uvb	mg/L	0.001536	7.1	53.7137	-0.021543 mg/L	Y 371.029
Al 257.509	0.001632uvb	mg/L	0.009689	593.8	17.2002	0.001632 mg/L	Y 371.029
Al 308.215	0.073335b	mg/L	0.002213	3.0	692.285	0.073335 mg/L	Y 371.029
As 188.980	0.017747b	mg/L	0.004946	27.9	8.09509	0.017747 mg/L	Y 371.029
As 193.696	0.005066uvb	mg/L	0.002672	52.7	3.34744	0.005066 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.057211	10.9	691.755	uncal mg/L	Y 371.029
B 182.577	0.235994b	mg/L	0.006962	2.9	111.034	0.235994 mg/L	Y 371.029
B 249.678	0.196197b	mg/L	0.004165	2.1	1661.16	0.196197 mg/L	Y 371.029
B 249.772	0.201668b	mg/L	0.008261	4.1	3688.30	0.201668 mg/L	Y 371.029
Ba 233.527	0.025495b	mg/L	0.000900	3.5	1123.53	0.025495 mg/L	Y 371.029
Ba 455.403	0.024903b	mg/L	0.000650	2.6	30625.9	0.024903 mg/L	Y 371.029
Ba 493.408	0.025220b	mg/L	0.000700	2.8	18148.0	0.025220 mg/L	Y 371.029
Be 234.861	0.000257b	mg/L	0.000054	20.9	6.12177	0.000257 mg/L	Y 371.029
Be 313.042	-0.000312uvb	mg/L	0.000014	4.6	1345.41	-0.000312 mg/L	Y 371.029
Be 313.107	0.000028b	mg/L	0.000001	4.7	44.3916	0.000028 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.293212	0.9	39969676	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.167954	0.9	39073040	- mg/L	Y 371.029
Ca 430.253	166.873b	mg/L	3.92916	2.4	618046	166.873 mg/L	Y 371.029
Cd 214.439	0.617348b	mg/L	0.006254	1.0	9948.71	0.617348 mg/L	Y 371.029
Cd 226.502	0.639941b	mg/L	0.015712	2.5	19021.3	0.639941 mg/L	Y 371.029
Cd 228.802	0.627723b	mg/L	0.029042	4.6	8294.89	0.627723 mg/L	Y 371.029
Co 228.615	0.003778b	mg/L	0.000541	14.3	38.1244	0.003778 mg/L	Y 371.029
Co 230.786	0.003391b	mg/L	0.000872	25.7	37.1007	0.003391 mg/L	Y 371.029
Co 238.892	0.004441b	mg/L	0.000988	22.2	8.85155	0.004441 mg/L	Y 371.029
Cr 205.560	-0.002647b	mg/L	0.000429	16.2	3.36193	-0.002647 mg/L	Y 371.029
Cr 206.158	-0.006788uvb	mg/L	0.004043	59.6	5.30602	-0.006788 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	-0.002092b	mg/L	0.000043	2.1	21.6947	-0.002092 mg/L	Y 371.029
Cu 213.598	-0.001915b	mg/L	0.000556	29.0	6.94167	-0.001915 mg/L	Y 371.029
Cu 324.754	0.006047uvb	mg/L	0.000110	1.8	377.526	0.006047 mg/L	Y 371.029
Cu 327.395	-0.001844b	mg/L	0.000342	18.5	31.8643	-0.001844 mg/L	Y 371.029
Fe 234.350	4.74533b	mg/L	0.057050	1.2	35328.9	4.74533 mg/L	Y 371.029
Fe 238.204	4.60099b	mg/L	0.050389	1.1	75107.9	4.60099 mg/L	Y 371.029
Fe 259.940	4.63908b	mg/L	0.106671	2.3	63466.3	4.63908 mg/L	Y 371.029
Ga 287.423	-0.018953b	mg/L	0.002760	14.6	43.6322	-0.018953 mg/L	Y 371.029
Ga 294.363	0.003349b	mg/L	0.001465	43.8	17.4114	0.003349 mg/L	Y 371.029
Ga 417.204	0.003771uvb	mg/L	0.000990	26.2	41.9306	0.003771 mg/L	Y 371.029
K 766.491	7.74200b	mg/L	0.135151	1.7	427310	7.74200 mg/L	Y 371.029
K 769.897	7.49521b	mg/L	0.132501	1.8	348931	7.49521 mg/L	Y 371.029
Li 610.365	0.003201b	mg/L	0.000098	3.1	72.5031	0.003201 mg/L	Y 371.029
Li 670.783	0.010227b	mg/L	0.000366	3.6	83992.2	0.010227 mg/L	Y 371.029
Mg 279.078	19.4021b	mg/L	0.482591	2.5	25490.7	19.4021 mg/L	Y 371.029
Mg 280.270	18.0512b	mg/L	0.190582	1.1	1638571	18.0512 mg/L	Y 371.029
Mg 285.213	19.3473b	mg/L	0.718583	3.7	580966	19.3473 mg/L	Y 371.029
Mn 257.610	3.11969b	mg/L	0.060709	1.9	421008	3.11969 mg/L	Y 371.029
Mn 259.372	3.10061b	mg/L	0.059360	1.9	309278	3.10061 mg/L	Y 371.029
Mn 260.568	3.09078b	mg/L	0.066264	2.1	55680.4	3.09078 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000759	7.8	27.0853	uncal mg/L	Y 371.029
Mo 203.846	-0.011467b	mg/L	0.001179	10.3	10.4398	-0.011467 mg/L	Y 371.029
Mo 204.598	-0.012258b	mg/L	0.000262	2.1	5.98270	-0.012258 mg/L	Y 371.029
Na 568.821	11.4268b	mg/L	0.246561	2.2	3172.42	11.4268 mg/L	Y 371.029
Na 588.995	12.9731b	mg/L	0.281783	2.2	5796516	12.9731 mg/L	Y 371.029
Na 589.592	13.8916b	mg/L	0.286830	2.1	3249038	13.8916 mg/L	Y 371.029
Ni 216.555	0.000015b	mg/L	0.000498	3267.0	26.6516	0.000015 mg/L	Y 371.029
Ni 221.648	0.000740b	mg/L	0.001343	181.5	13.6691	0.000740 mg/L	Y 371.029
Ni 231.604	0.000629b	mg/L	0.000593	94.3	27.9375	0.000629 mg/L	Y 371.029
P 177.434	0.009521uvb	mg/L	0.013200	138.6	0.679435	0.009521 mg/L	Y 371.029
P 213.618	-0.003672b	mg/L	0.002816	76.7	6.12852	-0.003672 mg/L	Y 371.029
P 214.914	0.028467b	mg/L	0.003094	10.9	4.80472	0.028467 mg/L	Y 371.029
Pb 220.353	-0.002232uvb	mg/L	0.002597	116.4	5.35884	-0.002232 mg/L	Y 371.029
Pb 261.417	0.000500uvb	mg/L	0.005395	1078.0	7.81460	0.000500 mg/L	Y 371.029
Pb 405.781	-0.029731b	mg/L	0.008862	29.8	119.369	-0.029731 mg/L	Y 371.029
Sb 206.834	-0.021097b	mg/L	0.000672	3.2	6.68346	-0.021097 mg/L	Y 371.029
Sb 231.146	-0.048702uvb	mg/L	0.006297	12.9	5.61351	-0.048702 mg/L	Y 371.029
Sb 259.804	-0.100679uvb	mg/L	0.001447	1.4	5.33751	-0.100679 mg/L	Y 371.029
Se 196.026	-0.004240b	mg/L	0.003946	93.1	6.98373	-0.004240 mg/L	Y 371.029
Se 203.985	0.022771uvb	mg/L	0.005769	25.3	2.39173	0.022771 mg/L	Y 371.029
Si 250.690	4.81392b	mg/L	0.171479	3.6	5770.30	4.81392 mg/L	Y 371.029
Si 251.611	4.51106b	mg/L	0.168203	3.7	6607.53	4.51106 mg/L	Y 371.029
Si 288.158	4.64176b	mg/L	0.052494	1.1	32380.4	4.64176 mg/L	Y 371.029
Sn 189.927	0.006244uvb	mg/L	0.004985	79.8	2.24085	0.006244 mg/L	Y 371.029
Sn 283.998	-0.018987uvb	mg/L	0.000544	2.9	5.93845	-0.018987 mg/L	Y 371.029
Sr 216.596	0.398434b	mg/L	0.009164	2.3	3156.22	0.398434 mg/L	Y 371.029
Sr 407.771	0.384347b	mg/L	0.006946	1.8	985046	0.384347 mg/L	Y 371.029
Sr 421.552	0.392756b	mg/L	0.005742	1.5	624821	0.392756 mg/L	Y 371.029
Ti 334.941	-0.002452uvb	mg/L	0.000207	8.4	73.9386	-0.002452 mg/L	Y 371.029
Ti 336.122	-0.001348uvb	mg/L	0.000184	13.7	27.2191	-0.001348 mg/L	Y 371.029
Ti 337.280	-0.002135b	mg/L	0.000145	6.8	20.2959	-0.002135 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	-0.005296uvb	mg/L	0.001210	22.8	1.51100	-0.005296 mg/L	Y 371.029
Tl 190.807	0.015966b	mg/L	0.002663	16.7	1.46223	0.015966 mg/L	Y 371.029
Tl 351.923	0.000722b	mg/L	0.006441	892.0	16.3426	0.000722 mg/L	Y 371.029
V 268.796	-0.001973b	mg/L	0.000694	35.2	27.6584	-0.001973 mg/L	Y 371.029
V 292.401	-0.001279b	mg/L	0.000047	3.7	37.8050	-0.001279 mg/L	Y 371.029
V 311.837	-0.000625b	mg/L	0.000049	7.9	4.73384	-0.000625 mg/L	Y 371.029
Zn 202.548	11.4041b	mg/L	0.263584	2.3	82365.8	11.4041 mg/L	Y 371.029
Zn 206.200	11.5568b	mg/L	0.136625	1.2	27128.2	11.5568 mg/L	Y 371.029
Zn 213.857	11.2650b	mg/L	0.205016	1.8	167101	11.2650 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.11293	8924.33	111.199	1.2
Y 371.029	0.941946	155334	1902.073	1.2

11J1391-07 (Samp) **11/4/2011, 1:49:51 PM** **Rack 3, Tube 24**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.004645b	mg/L	0.000100	2.1	351.927	-0.004645 mg/L	Y 371.029
Ag 338.289	-0.007375uvb	mg/L	0.000987	13.4	2.00689	-0.007375 mg/L	Y 371.029
Al 237.312	-0.020352uvb	mg/L	0.003190	15.7	64.2888	-0.020352 mg/L	Y 371.029
Al 257.509	-0.049229b	mg/L	0.011421	23.2	31.9162	-0.049229 mg/L	Y 371.029
Al 308.215	0.237956b	mg/L	0.000516	0.2	785.118	0.237956 mg/L	Y 371.029
As 188.980	0.025091uvb	mg/L	0.004699	18.7	5.53475	0.025091 mg/L	Y 371.029
As 193.696	0.017506uvb	mg/L	0.002652	15.2	2.18808	0.017506 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.012555	4.4	301.182	uncal mg/L	Y 371.029
B 182.577	0.188325b	mg/L	0.004321	2.3	95.9215	0.188325 mg/L	Y 371.029
B 249.678	0.096320b	mg/L	0.001420	1.5	965.077	0.096320 mg/L	Y 371.029
B 249.772	0.113956b	mg/L	0.001578	1.4	2220.92	0.113956 mg/L	Y 371.029
Ba 233.527	0.008122b	mg/L	0.000082	1.0	550.201	0.008122 mg/L	Y 371.029
Ba 455.403	0.008523b	mg/L	0.000070	0.8	14973.1	0.008523 mg/L	Y 371.029
Ba 493.408	0.008246b	mg/L	0.000045	0.5	8975.74	0.008246 mg/L	Y 371.029
Be 234.861	0.000354b	mg/L	0.000017	4.8	8.77288	0.000354 mg/L	Y 371.029
Be 313.042	0.000303uvb	mg/L	0.000008	2.5	1891.82	0.000303 mg/L	Y 371.029
Be 313.107	0.000455b	mg/L	0.000017	3.8	288.960	0.000455 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.366713	1.2	40345204	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.272317	1.4	39388564	- mg/L	Y 371.029
Ca 430.253	160.906b	mg/L	0.976435	0.6	597278	160.906 mg/L	Y 371.029
Cd 214.439	0.260620b	mg/L	0.000759	0.3	4229.56	0.260620 mg/L	Y 371.029
Cd 226.502	0.257997b	mg/L	0.001046	0.4	7834.17	0.257997 mg/L	Y 371.029
Cd 228.802	0.256970b	mg/L	0.000383	0.1	3433.90	0.256970 mg/L	Y 371.029
Co 228.615	0.117003b	mg/L	0.000483	0.4	964.219	0.117003 mg/L	Y 371.029
Co 230.786	0.115462b	mg/L	0.001494	1.3	655.158	0.115462 mg/L	Y 371.029
Co 238.892	0.099810b	mg/L	0.001614	1.6	482.158	0.099810 mg/L	Y 371.029
Cr 205.560	-0.008429b	mg/L	0.000138	1.6	2.51536	-0.008429 mg/L	Y 371.029
Cr 206.158	-0.031306b	mg/L	0.010942	35.0	54.1780	-0.031306 mg/L	Y 371.029
Cr 267.716	-0.004174b	mg/L	0.000032	0.8	33.6344	-0.004174 mg/L	Y 371.029
Cu 213.598	-0.006631b	mg/L	0.001019	15.4	18.4538	-0.006631 mg/L	Y 371.029
Cu 324.754	0.029626uvb	mg/L	0.000072	0.2	376.921	0.029626 mg/L	Y 371.029
Cu 327.395	-0.003109b	mg/L	0.000137	4.4	38.2949	-0.003109 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	9.76456b	mg/L	0.063474	0.7	73500.5	9.76456 mg/L	Y 371.029
Fe 238.204	9.49140b	mg/L	0.076832	0.8	156913	9.49140 mg/L	Y 371.029
Fe 259.940	9.50815b	mg/L	0.055052	0.6	131730	9.50815 mg/L	Y 371.029
Ga 287.423	-0.042769b	mg/L	0.002115	4.9	89.0490	-0.042769 mg/L	Y 371.029
Ga 294.363	-0.006438b	mg/L	0.000687	10.7	15.4487	-0.006438 mg/L	Y 371.029
Ga 417.204	-0.001766b	mg/L	0.000677	38.3	59.5239	-0.001766 mg/L	Y 371.029
K 766.491	16.1485b	mg/L	0.107904	0.7	889534	16.1485 mg/L	Y 371.029
K 769.897	16.0880b	mg/L	0.111527	0.7	737853	16.0880 mg/L	Y 371.029
Li 610.365	0.009966b	mg/L	0.000351	3.5	346.896	0.009966 mg/L	Y 371.029
Li 670.783	0.024050b	mg/L	0.000106	0.4	129445	0.024050 mg/L	Y 371.029
Mg 279.078	41.0865b	mg/L	0.172856	0.4	53971.8	41.0865 mg/L	Y 371.029
Mg 280.270	35.6596b	mg/L	0.263886	0.7	3237960	35.6596 mg/L	Y 371.029
Mg 285.213	41.2928b	mg/L	0.311594	0.8	1240375	41.2928 mg/L	Y 371.029
Mn 257.610	6.22712b	mg/L	0.075182	1.2	840302	6.22712 mg/L	Y 371.029
Mn 259.372	6.19719b	mg/L	0.068755	1.1	618364	6.19719 mg/L	Y 371.029
Mn 260.568	6.22884b	mg/L	0.029630	0.5	112265	6.22884 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000301	1.2	21.3396	uncal mg/L	Y 371.029
Mo 203.846	-0.026750b	mg/L	0.001566	5.9	9.34254	-0.026750 mg/L	Y 371.029
Mo 204.598	-0.029419uvb	mg/L	0.000284	1.0	2.12300	-0.029419 mg/L	Y 371.029
Na 568.821	73.1611b	mg/L	0.380065	0.5	19905.7	73.1611 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.295024	0.5	27038368	- mg/L	Y 371.029
Na 589.592	75.9897b	mg/L	0.299159	0.4	16979056	75.9897 mg/L	Y 371.029
Ni 216.555	0.082452b	mg/L	0.001167	1.4	412.247	0.082452 mg/L	Y 371.029
Ni 221.648	0.073287b	mg/L	0.001149	1.6	159.990	0.073287 mg/L	Y 371.029
Ni 231.604	0.080419b	mg/L	0.001995	2.5	283.259	0.080419 mg/L	Y 371.029
P 177.434	0.050306b	mg/L	0.024603	48.9	1.74162	0.050306 mg/L	Y 371.029
P 213.618	-0.051255b	mg/L	0.004636	9.0	10.3446	-0.051255 mg/L	Y 371.029
P 214.914	0.051983b	mg/L	0.003431	6.6	4.46852	0.051983 mg/L	Y 371.029
Pb 220.353	-0.013018uvb	mg/L	0.000092	0.7	2.34565	-0.013018 mg/L	Y 371.029
Pb 261.417	-0.015642uvb	mg/L	0.001352	8.6	2.23215	-0.015642 mg/L	Y 371.029
Pb 405.781	-0.018269b	mg/L	0.005381	29.5	136.968	-0.018269 mg/L	Y 371.029
Sb 206.834	-0.057234b	mg/L	0.001079	1.9	8.48867	-0.057234 mg/L	Y 371.029
Sb 231.146	0.005442uvb	mg/L	0.004414	81.1	7.11942	0.005442 mg/L	Y 371.029
Sb 259.804	-0.115503uvb	mg/L	0.018315	15.9	15.4999	-0.115503 mg/L	Y 371.029
Se 196.026	0.004962b	mg/L	0.004329	87.2	7.30269	0.004962 mg/L	Y 371.029
Se 203.985	0.044402uvb	mg/L	0.011549	26.0	3.21134	0.044402 mg/L	Y 371.029
Si 250.690	12.3343b	mg/L	0.043915	0.4	14586.4	12.3343 mg/L	Y 371.029
Si 251.611	11.8511b	mg/L	0.038566	0.3	16749.5	11.8511 mg/L	Y 371.029
Si 288.158	12.5992b	mg/L	0.146236	1.2	83350.7	12.5992 mg/L	Y 371.029
Sn 189.927	0.005676uvb	mg/L	0.006265	110.4	1.39776	0.005676 mg/L	Y 371.029
Sn 283.998	-0.058188uvb	mg/L	0.001497	2.6	9.62177	-0.058188 mg/L	Y 371.029
Sr 216.596	0.475844b	mg/L	0.003736	0.8	3779.11	0.475844 mg/L	Y 371.029
Sr 407.771	0.468401b	mg/L	0.003409	0.7	1196719	0.468401 mg/L	Y 371.029
Sr 421.552	0.478535b	mg/L	0.003714	0.8	759133	0.478535 mg/L	Y 371.029
Ti 334.941	-0.012522uvb	mg/L	0.000243	1.9	86.9015	-0.012522 mg/L	Y 371.029
Ti 336.122	-0.011042uvb	mg/L	0.000249	2.3	15.0512	-0.011042 mg/L	Y 371.029
Ti 337.280	-0.009552b	mg/L	0.000168	1.8	16.4408	-0.009552 mg/L	Y 371.029
Tl 190.794	-0.033384b	mg/L	0.001876	5.6	2.47492	-0.033384 mg/L	Y 371.029
Tl 190.807	-0.000001b	mg/L	0.001919	377086.3	0.985072	-0.000001 mg/L	Y 371.029
Tl 351.923	-0.015307uvb	mg/L	0.007184	46.9	10.9725	-0.015307 mg/L	Y 371.029
V 268.796	-0.004310b	mg/L	0.000225	5.2	42.3009	-0.004310 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	-0.005999b	mg/L	0.000308	5.1	93.7197	-0.005999 mg/L	Y 371.029
V 311.837	0.000982b	mg/L	0.000093	9.5	61.3462	0.000982 mg/L	Y 371.029
Zn 202.548	80.2181b	mg/L	1.13361	1.4	575712	80.2181 mg/L	Y 371.029
Zn 206.200	86.7593b	mg/L	1.30462	1.5	202347	86.7593 mg/L	Y 371.029
Zn 213.857	71.4121b	mg/L	0.297316	0.4	1052746	71.4121 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.10159	8833.41	20.840	0.2
Y 371.029	0.934773	154151	157.742	0.1

11J1391-08 (Samp) **11/4/2011, 1:53:51 PM** **Rack 3, Tube 25**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.005535b	mg/L	0.000084	1.5	344.715	-0.005535 mg/L	Y 371.029
Ag 338.289	-0.007091uvb	mg/L	0.002824	39.8	7.00827	-0.007091 mg/L	Y 371.029
Al 237.312	-0.006739b	mg/L	0.003482	51.7	84.2498	-0.006739 mg/L	Y 371.029
Al 257.509	-0.029134b	mg/L	0.010029	34.4	37.8522	-0.029134 mg/L	Y 371.029
Al 308.215	0.278262b	mg/L	0.000640	0.2	867.783	0.278262 mg/L	Y 371.029
As 188.980	0.026623b	mg/L	0.001590	6.0	6.48068	0.026623 mg/L	Y 371.029
As 193.696	0.020161uvb	mg/L	0.003052	15.1	3.25615	0.020161 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.106765	8.6	1691.49	uncal mg/L	Y 371.029
B 182.577	0.214242b	mg/L	0.004852	2.3	109.268	0.214242 mg/L	Y 371.029
B 249.678	0.112716b	mg/L	0.001539	1.4	1122.51	0.112716 mg/L	Y 371.029
B 249.772	0.134834b	mg/L	0.001885	1.4	2643.83	0.134834 mg/L	Y 371.029
Ba 233.527	0.025649b	mg/L	0.000095	0.4	1176.85	0.025649 mg/L	Y 371.029
Ba 455.403	0.025695b	mg/L	0.000107	0.4	32262.5	0.025695 mg/L	Y 371.029
Ba 493.408	0.025782b	mg/L	0.000148	0.6	19219.6	0.025782 mg/L	Y 371.029
Be 234.861	0.000442b	mg/L	0.000037	8.3	4.77235	0.000442 mg/L	Y 371.029
Be 313.042	0.000150uvb	mg/L	0.000007	4.7	1592.17	0.000150 mg/L	Y 371.029
Be 313.107	0.000243b	mg/L	0.000009	3.5	122.495	0.000243 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.357368	1.1	41443668	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.215907	1.1	40758836	- mg/L	Y 371.029
Ca 430.253	245.424b	mg/L	1.09417	0.4	909759	245.424 mg/L	Y 371.029
Cd 214.439	1.56775b	mg/L	0.013997	0.9	25280.1	1.56775 mg/L	Y 371.029
Cd 226.502	1.60126b	mg/L	0.005322	0.3	47672.5	1.60126 mg/L	Y 371.029
Cd 228.802	1.57938b	mg/L	0.005772	0.4	20874.5	1.57938 mg/L	Y 371.029
Co 228.615	0.137838b	mg/L	0.000962	0.7	1143.58	0.137838 mg/L	Y 371.029
Co 230.786	0.135494b	mg/L	0.001809	1.3	773.037	0.135494 mg/L	Y 371.029
Co 238.892	0.119905b	mg/L	0.000677	0.6	569.139	0.119905 mg/L	Y 371.029
Cr 205.560	-0.010104uvb	mg/L	0.000718	7.1	2.87410	-0.010104 mg/L	Y 371.029
Cr 206.158	-0.042496b	mg/L	0.011687	27.5	47.2654	-0.042496 mg/L	Y 371.029
Cr 267.716	-0.005288b	mg/L	0.000170	3.2	29.8993	-0.005288 mg/L	Y 371.029
Cu 213.598	-0.007009b	mg/L	0.000020	0.3	21.2803	-0.007009 mg/L	Y 371.029
Cu 324.754	0.032959uvb	mg/L	0.000015	0.0	383.630	0.032959 mg/L	Y 371.029
Cu 327.395	-0.003737b	mg/L	0.000047	1.2	37.0408	-0.003737 mg/L	Y 371.029
Fe 234.350	12.8879b	mg/L	0.090529	0.7	96624.4	12.8879 mg/L	Y 371.029
Fe 238.204	12.6805b	mg/L	0.096547	0.8	208656	12.6805 mg/L	Y 371.029
Fe 259.940	12.7978b	mg/L	0.055787	0.4	176545	12.7978 mg/L	Y 371.029
Ga 287.423	-0.052607b	mg/L	0.002368	4.5	115.049	-0.052607 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	-0.004071b	mg/L	0.000827	20.3	22.6661	-0.004071 mg/L	Y 371.029
Ga 417.204	-0.000878b	mg/L	0.000630	71.7	53.3511	-0.000878 mg/L	Y 371.029
K 766.491	30.4752b	mg/L	0.131025	0.4	1674962	30.4752 mg/L	Y 371.029
K 769.897	31.3948b	mg/L	0.155360	0.5	1430915	31.3948 mg/L	Y 371.029
Li 610.365	0.002208b	mg/L	0.000067	3.0	32.2218	0.002208 mg/L	Y 371.029
Li 670.783	0.002000b	mg/L	0.000052	2.6	73825.7	0.002000 mg/L	Y 371.029
Mg 279.078	34.4076b	mg/L	0.091908	0.3	45196.9	34.4076 mg/L	Y 371.029
Mg 280.270	30.6415b	mg/L	0.131506	0.4	2783364	30.6415 mg/L	Y 371.029
Mg 285.213	35.0297b	mg/L	0.318271	0.9	1052510	35.0297 mg/L	Y 371.029
Mn 257.610	6.11412b	mg/L	0.011499	0.2	825112	6.11412 mg/L	Y 371.029
Mn 259.372	6.10101b	mg/L	0.017900	0.3	609242	6.10101 mg/L	Y 371.029
Mn 260.568	6.20269b	mg/L	0.040376	0.7	111780	6.20269 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000388	39.7	21.8028	uncal mg/L	Y 371.029
Mo 203.846	0.000655b	mg/L	0.000716	109.3	8.81459	0.000655 mg/L	Y 371.029
Mo 204.598	0.000443uvb	mg/L	0.000065	14.8	3.11539	0.000443 mg/L	Y 371.029
Na 568.821	18.5427b	mg/L	0.101515	0.5	5428.63	18.5427 mg/L	Y 371.029
Na 588.995	21.3195b	mg/L	0.085481	0.4	9383750	21.3195 mg/L	Y 371.029
Na 589.592	22.3634b	mg/L	0.100599	0.4	5150163	22.3634 mg/L	Y 371.029
Ni 216.555	0.023042b	mg/L	0.000151	0.7	160.954	0.023042 mg/L	Y 371.029
Ni 221.648	0.016164b	mg/L	0.001220	7.5	61.8052	0.016164 mg/L	Y 371.029
Ni 231.604	0.021341b	mg/L	0.001133	5.3	115.639	0.021341 mg/L	Y 371.029
P 177.434	0.059881b	mg/L	0.006853	11.4	2.10833	0.059881 mg/L	Y 371.029
P 213.618	-0.033398b	mg/L	0.003366	10.1	21.9498	-0.033398 mg/L	Y 371.029
P 214.914	0.082698b	mg/L	0.004309	5.2	9.02506	0.082698 mg/L	Y 371.029
Pb 220.353	-0.014229uvb	mg/L	0.003648	25.6	2.03579	-0.014229 mg/L	Y 371.029
Pb 261.417	0.001304uvb	mg/L	0.002638	202.3	2.70364	0.001304 mg/L	Y 371.029
Pb 405.781	-0.029755b	mg/L	0.009383	31.5	134.970	-0.029755 mg/L	Y 371.029
Sb 206.834	-0.061949b	mg/L	0.003349	5.4	9.93028	-0.061949 mg/L	Y 371.029
Sb 231.146	-0.017935uvb	mg/L	0.007405	41.3	8.68238	-0.017935 mg/L	Y 371.029
Sb 259.804	-0.188021uvb	mg/L	0.014690	7.8	7.96131	-0.188021 mg/L	Y 371.029
Se 196.026	-0.004094b	mg/L	0.001754	42.8	7.17472	-0.004094 mg/L	Y 371.029
Se 203.985	0.052866b	mg/L	0.008689	16.4	2.94269	0.052866 mg/L	Y 371.029
Si 250.690	10.2448b	mg/L	0.051616	0.5	12139.7	10.2448 mg/L	Y 371.029
Si 251.611	9.74075b	mg/L	0.078014	0.8	13954.2	9.74075 mg/L	Y 371.029
Si 288.158	10.5417b	mg/L	0.112404	1.1	70490.4	10.5417 mg/L	Y 371.029
Sn 189.927	0.010425uvb	mg/L	0.005281	50.7	1.77844	0.010425 mg/L	Y 371.029
Sn 283.998	-0.062501uvb	mg/L	0.001092	1.7	4.15263	-0.062501 mg/L	Y 371.029
Sr 216.596	0.913095b	mg/L	0.004157	0.5	7199.70	0.913095 mg/L	Y 371.029
Sr 407.771	0.903684b	mg/L	0.005105	0.6	2298888	0.903684 mg/L	Y 371.029
Sr 421.552	0.920884b	mg/L	0.005773	0.6	1454692	0.920884 mg/L	Y 371.029
Ti 334.941	-0.013869uvb	mg/L	0.000026	0.2	116.682	-0.013869 mg/L	Y 371.029
Ti 336.122	-0.012073uvb	mg/L	0.000139	1.1	21.1926	-0.012073 mg/L	Y 371.029
Ti 337.280	-0.010808b	mg/L	0.000213	2.0	16.5172	-0.010808 mg/L	Y 371.029
Tl 190.794	-0.034304uvb	mg/L	0.003020	8.8	2.68547	-0.034304 mg/L	Y 371.029
Tl 190.807	0.011484b	mg/L	0.004236	36.9	2.14900	0.011484 mg/L	Y 371.029
Tl 351.923	-0.018686b	mg/L	0.005188	27.8	14.7501	-0.018686 mg/L	Y 371.029
V 268.796	-0.000502b	mg/L	0.000216	43.1	45.7380	-0.000502 mg/L	Y 371.029
V 292.401	-0.007148b	mg/L	0.000276	3.9	91.9548	-0.007148 mg/L	Y 371.029
V 311.837	0.000459b	mg/L	0.000146	31.7	54.0792	0.000459 mg/L	Y 371.029
Zn 202.548	85.5733b	mg/L	0.646560	0.8	614094	85.5733 mg/L	Y 371.029
Zn 206.200	95.7684b	mg/L	0.128706	0.1	223334	95.7684 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	77.1684b	mg/L	0.376681	0.5	1137475	77.1684 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.06816	8565.33	11.971	0.1
Y 371.029	0.907594	149669	419.851	0.3

11J1391-09 (Samp) **11/4/2011, 1:57:53 PM** **Rack 3, Tube 26**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.005075uvb	mg/L	0.000182	3.6	311.730	-0.005075 mg/L	Y 371.029
Ag 338.289	0.004146b	mg/L	0.003385	81.6	14.6131	0.004146 mg/L	Y 371.029
Al 237.312	-0.024646uvb	mg/L	0.003499	14.2	61.7101	-0.024646 mg/L	Y 371.029
Al 257.509	0.011491b	mg/L	0.002552	22.2	19.4820	0.011491 mg/L	Y 371.029
Al 308.215	0.045451b	mg/L	0.000877	1.9	661.304	0.045451 mg/L	Y 371.029
As 188.980	0.044640b	mg/L	0.006910	15.5	15.9282	0.044640 mg/L	Y 371.029
As 193.696	0.037136b	mg/L	0.001404	3.8	13.8551	0.037136 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.008887	4.9	163.225	uncal mg/L	Y 371.029
B 182.577	0.209727b	mg/L	0.004266	2.0	99.1203	0.209727 mg/L	Y 371.029
B 249.678	0.174607b	mg/L	0.003859	2.2	1487.39	0.174607 mg/L	Y 371.029
B 249.772	0.172828b	mg/L	0.003983	2.3	3148.53	0.172828 mg/L	Y 371.029
Ba 233.527	0.012295b	mg/L	0.000182	1.5	693.696	0.012295 mg/L	Y 371.029
Ba 455.403	0.012016b	mg/L	0.000067	0.6	18818.7	0.012016 mg/L	Y 371.029
Ba 493.408	0.012309b	mg/L	0.000080	0.6	11226.7	0.012309 mg/L	Y 371.029
Be 234.861	0.000048b	mg/L	0.000007	14.7	2.26751	0.000048 mg/L	Y 371.029
Be 313.042	-0.000322uvb	mg/L	0.000008	2.5	1405.28	-0.000322 mg/L	Y 371.029
Be 313.107	0.000020b	mg/L	0.000004	21.1	47.1001	0.000020 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.084887	0.3	39072420	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.067170	0.3	38509276	- mg/L	Y 371.029
Ca 430.253	177.357b	mg/L	0.841959	0.5	656719	177.357 mg/L	Y 371.029
Cd 214.439	0.109762b	mg/L	0.000640	0.6	1772.77	0.109762 mg/L	Y 371.029
Cd 226.502	0.111642b	mg/L	0.000621	0.6	3340.87	0.111642 mg/L	Y 371.029
Cd 228.802	0.110295b	mg/L	0.000857	0.8	1469.25	0.110295 mg/L	Y 371.029
Co 228.615	0.001428b	mg/L	0.000338	23.7	3.51925	0.001428 mg/L	Y 371.029
Co 230.786	0.000337b	mg/L	0.000322	95.5	7.74287	0.000337 mg/L	Y 371.029
Co 238.892	-0.000545b	mg/L	0.000165	30.4	4.59452	-0.000545 mg/L	Y 371.029
Cr 205.560	-0.000035b	mg/L	0.000601	1734.8	8.77190	-0.000035 mg/L	Y 371.029
Cr 206.158	0.006670b	mg/L	0.003481	52.2	15.6442	0.006670 mg/L	Y 371.029
Cr 267.716	0.000335b	mg/L	0.000116	34.6	45.7206	0.000335 mg/L	Y 371.029
Cu 213.598	0.000673b	mg/L	0.000219	32.5	7.68910	0.000673 mg/L	Y 371.029
Cu 324.754	0.005922uvb	mg/L	0.000158	2.7	447.005	0.005922 mg/L	Y 371.029
Cu 327.395	0.000891b	mg/L	0.000149	16.7	120.020	0.000891 mg/L	Y 371.029
Fe 234.350	-0.003497b	mg/L	0.002300	65.8	313.200	-0.003497 mg/L	Y 371.029
Fe 238.204	-0.008759b	mg/L	0.002229	25.4	648.370	-0.008759 mg/L	Y 371.029
Fe 259.940	-0.014843b	mg/L	0.002002	13.5	292.469	-0.014843 mg/L	Y 371.029
Ga 287.423	-0.003641uvb	mg/L	0.001549	42.6	7.49202	-0.003641 mg/L	Y 371.029
Ga 294.363	0.003402uvb	mg/L	0.000765	22.5	10.7696	0.003402 mg/L	Y 371.029
Ga 417.204	0.004544uvb	mg/L	0.000509	11.2	29.5505	0.004544 mg/L	Y 371.029
K 766.491	10.8391b	mg/L	0.028385	0.3	596911	10.8391 mg/L	Y 371.029
K 769.897	10.7259b	mg/L	0.106100	1.0	495239	10.7259 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.003156b	mg/L	0.000359	11.4	70.6692	0.003156 mg/L	Y 371.029
Li 670.783	0.010168b	mg/L	0.000099	1.0	84070.8	0.010168 mg/L	Y 371.029
Mg 279.078	36.5068b	mg/L	0.170821	0.5	47968.5	36.5068 mg/L	Y 371.029
Mg 280.270	31.9588b	mg/L	0.210542	0.7	2899596	31.9588 mg/L	Y 371.029
Mg 285.213	36.2892b	mg/L	0.408912	1.1	1089213	36.2892 mg/L	Y 371.029
Mn 257.610	0.012959b	mg/L	0.000033	0.3	1800.83	0.012959 mg/L	Y 371.029
Mn 259.372	0.008988b	mg/L	0.000065	0.7	1344.65	0.008988 mg/L	Y 371.029
Mn 260.568	0.017195b	mg/L	0.000161	0.9	497.208	0.017195 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000510	3.4	28.9137	uncal mg/L	Y 371.029
Mo 203.846	-0.014453b	mg/L	0.000888	6.1	13.4920	-0.014453 mg/L	Y 371.029
Mo 204.598	-0.015589b	mg/L	0.001064	6.8	9.57740	-0.015589 mg/L	Y 371.029
Na 568.821	14.7597b	mg/L	0.090814	0.6	4050.36	14.7597 mg/L	Y 371.029
Na 588.995	16.3877b	mg/L	0.047443	0.3	7250401	16.3877 mg/L	Y 371.029
Na 589.592	17.8067b	mg/L	0.308807	1.7	4111007	17.8067 mg/L	Y 371.029
Ni 216.555	0.000368b	mg/L	0.000334	90.7	8.84778	0.000368 mg/L	Y 371.029
Ni 221.648	-0.000486b	mg/L	0.000485	99.8	4.72350	-0.000486 mg/L	Y 371.029
Ni 231.604	-0.000297b	mg/L	0.000546	184.3	17.6635	-0.000297 mg/L	Y 371.029
P 177.434	0.029063b	mg/L	0.015684	54.0	1.55684	0.029063 mg/L	Y 371.029
P 213.618	0.017163b	mg/L	0.001439	8.4	13.8434	0.017163 mg/L	Y 371.029
P 214.914	0.037360b	mg/L	0.005262	14.1	6.40821	0.037360 mg/L	Y 371.029
Pb 220.353	-0.002430uvb	mg/L	0.000515	21.2	4.94683	-0.002430 mg/L	Y 371.029
Pb 261.417	0.011101uvb	mg/L	0.007899	71.2	9.67056	0.011101 mg/L	Y 371.029
Pb 405.781	-0.043468b	mg/L	0.008208	18.9	96.4029	-0.043468 mg/L	Y 371.029
Sb 206.834	-0.023099uvb	mg/L	0.000389	1.7	3.82396	-0.023099 mg/L	Y 371.029
Sb 231.146	-0.058819uvb	mg/L	0.002510	4.3	4.13378	-0.058819 mg/L	Y 371.029
Sb 259.804	-0.094209uvb	mg/L	0.005333	5.7	3.90387	-0.094209 mg/L	Y 371.029
Se 196.026	-0.003563b	mg/L	0.001065	29.9	6.90144	-0.003563 mg/L	Y 371.029
Se 203.985	0.027089uvb	mg/L	0.009651	35.6	2.36557	0.027089 mg/L	Y 371.029
Si 250.690	6.34244b	mg/L	0.097451	1.5	7559.72	6.34244 mg/L	Y 371.029
Si 251.611	5.95328b	mg/L	0.089290	1.5	8600.57	5.95328 mg/L	Y 371.029
Si 288.158	6.31366b	mg/L	0.104890	1.7	43296.6	6.31366 mg/L	Y 371.029
Sn 189.927	0.001430uvb	mg/L	0.000913	63.9	1.43324	0.001430 mg/L	Y 371.029
Sn 283.998	-0.020168uvb	mg/L	0.002340	11.6	8.55158	-0.020168 mg/L	Y 371.029
Sr 216.596	0.390721b	mg/L	0.001679	0.4	3088.17	0.390721 mg/L	Y 371.029
Sr 407.771	0.381478b	mg/L	0.003431	0.9	978336	0.381478 mg/L	Y 371.029
Sr 421.552	0.391931b	mg/L	0.001537	0.4	623837	0.391931 mg/L	Y 371.029
Ti 334.941	-0.001242uvb	mg/L	0.000201	16.2	83.5846	-0.001242 mg/L	Y 371.029
Ti 336.122	-0.000316uvb	mg/L	0.000066	20.7	14.0853	-0.000316 mg/L	Y 371.029
Ti 337.280	-0.001323b	mg/L	0.000243	18.4	19.6827	-0.001323 mg/L	Y 371.029
Tl 190.794	0.002196uvb	mg/L	0.003229	147.0	1.34012	0.002196 mg/L	Y 371.029
Tl 190.807	0.014473b	mg/L	0.005997	41.4	1.38092	0.014473 mg/L	Y 371.029
Tl 351.923	0.002485b	mg/L	0.004648	187.0	18.3069	0.002485 mg/L	Y 371.029
V 268.796	0.065413b	mg/L	0.000409	0.6	567.772	0.065413 mg/L	Y 371.029
V 292.401	0.073028b	mg/L	0.000530	0.7	2355.29	0.073028 mg/L	Y 371.029
V 311.837	0.071706b	mg/L	0.000362	0.5	3143.94	0.071706 mg/L	Y 371.029
Zn 202.548	3.81723b	mg/L	0.060052	1.6	27994.0	3.81723 mg/L	Y 371.029
Zn 206.200	3.80101b	mg/L	0.071124	1.9	9065.63	3.80101 mg/L	Y 371.029
Zn 213.857	3.85531b	mg/L	0.104783	2.7	58046.3	3.85531 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12503	9021.38	31.767	0.4
Y 371.029	0.956617	157753	464.613	0.3

SEQ-CCV9 (Samp) **11/4/2011, 2:01:52 PM** **Rack 3, Tube 27**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.100099	mg/L	0.001453	1.5	4876.22	0.100099 mg/L	Y 371.029
Ag 338.289	0.098119	mg/L	0.000099	0.1	274.420	0.098119 mg/L	Y 371.029
Al 237.312	2.61906	mg/L	0.060767	2.3	3567.10	2.61906 mg/L	Y 371.029
Al 257.509	2.57451	mg/L	0.076713	3.0	1508.68	2.57451 mg/L	Y 371.029
Al 308.215	2.60979	mg/L	0.040039	1.5	14494.0	2.60979 mg/L	Y 371.029
As 188.980	0.527706	mg/L	0.015830	3.0	153.339	0.527706 mg/L	Y 371.029
As 193.696	0.520617	mg/L	0.009885	1.9	172.808	0.520617 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.023917	2.6	585.405	uncal mg/L	Y 371.029
B 182.577	0.506347	mg/L	0.011223	2.2	222.160	0.506347 mg/L	Y 371.029
B 249.678	0.526082	mg/L	0.012646	2.4	4158.59	0.526082 mg/L	Y 371.029
B 249.772	0.497761	mg/L	0.006980	1.4	8575.53	0.497761 mg/L	Y 371.029
Ba 233.527	0.524997	mg/L	0.001632	0.3	17786.3	0.524997 mg/L	Y 371.029
Ba 455.403	0.491724	mg/L	0.003830	0.8	469261	0.491724 mg/L	Y 371.029
Ba 493.408	0.516835	mg/L	0.006661	1.3	287374	0.516835 mg/L	Y 371.029
Be 234.861	0.517832	mg/L	0.003369	0.7	51948.8	0.517832 mg/L	Y 371.029
Be 313.042	0.515654	mg/L	0.003997	0.8	799413	0.515654 mg/L	Y 371.029
Be 313.107	0.519422	mg/L	0.003310	0.6	384157	0.519422 mg/L	Y 371.029
Ca 393.366	4.86763n	mg/L	0.075852	1.6	6301695	4.86763 mg/L	Y 371.029
Ca 396.847	4.66404	mg/L	0.076936	1.6	9303955	4.66404 mg/L	Y 371.029
Ca 430.253	4.96996	mg/L	0.072120	1.5	19223.9	4.96996 mg/L	Y 371.029
Cd 214.439	0.267576	mg/L	0.004822	1.8	4313.01	0.267576 mg/L	Y 371.029
Cd 226.502	0.268707	mg/L	0.006440	2.4	7983.10	0.268707 mg/L	Y 371.029
Cd 228.802	0.259850	mg/L	0.004100	1.6	3442.02	0.259850 mg/L	Y 371.029
Co 228.615	0.528362	mg/L	0.012036	2.3	4330.69	0.528362 mg/L	Y 371.029
Co 230.786	0.529406	mg/L	0.009935	1.9	2845.15	0.529406 mg/L	Y 371.029
Co 238.892	0.527189	mg/L	0.008775	1.7	2692.78	0.527189 mg/L	Y 371.029
Cr 205.560	0.528803	mg/L	0.018149	3.4	1932.97	0.528803 mg/L	Y 371.029
Cr 206.158	0.524809	mg/L	0.020544	3.9	800.177	0.524809 mg/L	Y 371.029
Cr 267.716	0.517471	mg/L	0.002488	0.5	9832.84	0.517471 mg/L	Y 371.029
Cu 213.598	0.529718	mg/L	0.007525	1.4	1658.19	0.529718 mg/L	Y 371.029
Cu 324.754	0.509721	mg/L	0.007274	1.4	17697.3	0.509721 mg/L	Y 371.029
Cu 327.395	0.513324	mg/L	0.007395	1.4	22135.1	0.513324 mg/L	Y 371.029
Fe 234.350	0.544781	mg/L	0.010827	2.0	4254.24	0.544781 mg/L	Y 371.029
Fe 238.204	0.517549	mg/L	0.013454	2.6	8670.29	0.517549 mg/L	Y 371.029
Fe 259.940	0.520200	mg/L	0.004223	0.8	7303.55	0.520200 mg/L	Y 371.029
Ga 287.423	0.514196	mg/L	0.012035	2.3	1149.56	0.514196 mg/L	Y 371.029
Ga 294.363	0.521570	mg/L	0.009398	1.8	3059.29	0.521570 mg/L	Y 371.029
Ga 417.204	0.507435	mg/L	0.010777	2.1	4671.22	0.507435 mg/L	Y 371.029
K 766.491	5.43306	mg/L	0.057053	1.1	299661	5.43306 mg/L	Y 371.029
K 769.897	5.24024	mg/L	0.055163	1.1	245907	5.24024 mg/L	Y 371.029
Li 610.365	1.06020	mg/L	0.015743	1.5	42944.8	1.06020 mg/L	Y 371.029
Li 670.783	1.16373	mg/L	0.017940	1.5	3001795	1.16373 mg/L	Y 371.029
Mg 279.078	5.33118	mg/L	0.114704	2.2	7007.82	5.33118 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	5.35067	mg/L	0.032926	0.6	485849	5.35067 mg/L	Y 371.029
Mg 285.213	5.31336	mg/L	0.054091	1.0	159616	5.31336 mg/L	Y 371.029
Mn 257.610	0.513824	mg/L	0.007761	1.5	70281.4	0.513824 mg/L	Y 371.029
Mn 259.372	0.516173	mg/L	0.008364	1.6	52086.5	0.516173 mg/L	Y 371.029
Mn 260.568	0.510154	mg/L	0.003696	0.7	9225.44	0.510154 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.022403	2.1	3293.31	uncal mg/L	Y 371.029
Mo 203.846	1.09457	mg/L	0.033620	3.1	1352.99	1.09457 mg/L	Y 371.029
Mo 204.598	1.08675	mg/L	0.034306	3.2	1586.52	1.08675 mg/L	Y 371.029
Na 568.821	5.00623	mg/L	0.055089	1.1	1224.75	5.00623 mg/L	Y 371.029
Na 588.995	5.68691	mg/L	0.072837	1.3	2671546	5.68691 mg/L	Y 371.029
Na 589.592	5.33205	mg/L	0.072358	1.4	1349233	5.33205 mg/L	Y 371.029
Ni 216.555	1.07104	mg/L	0.014874	1.4	4758.78	1.07104 mg/L	Y 371.029
Ni 221.648	1.04368	mg/L	0.015790	1.5	1887.36	1.04368 mg/L	Y 371.029
Ni 231.604	1.05190	mg/L	0.019366	1.8	3154.06	1.05190 mg/L	Y 371.029
P 177.434	0.560172	mg/L	0.022998	4.1	23.2443	0.560172 mg/L	Y 371.029
P 213.618	0.532519	mg/L	0.016091	3.0	277.499	0.532519 mg/L	Y 371.029
P 214.914	0.525975	mg/L	0.004305	0.8	85.3068	0.525975 mg/L	Y 371.029
Pb 220.353	1.05255	mg/L	0.018077	1.7	1032.15	1.05255 mg/L	Y 371.029
Pb 261.417	1.01742	mg/L	0.018183	1.8	509.957	1.01742 mg/L	Y 371.029
Pb 405.781	0.993225	mg/L	0.014178	1.4	1390.18	0.993225 mg/L	Y 371.029
Sb 206.834	1.07998	mg/L	0.020081	1.9	622.694	1.07998 mg/L	Y 371.029
Sb 231.146	1.06189	mg/L	0.017839	1.7	502.117	1.06189 mg/L	Y 371.029
Sb 259.804	1.10287	mg/L	0.025702	2.3	429.062	1.10287 mg/L	Y 371.029
Se 196.026	1.07350	mg/L	0.032168	3.0	245.109	1.07350 mg/L	Y 371.029
Se 203.985	1.06575	mg/L	0.025218	2.4	150.696	1.06575 mg/L	Y 371.029
Si 250.690	1.06195	mg/L	0.021901	2.1	1388.63	1.06195 mg/L	Y 371.029
Si 251.611	1.02759	mg/L	0.019919	1.9	1592.00	1.02759 mg/L	Y 371.029
Si 288.158	1.06755	mg/L	0.015594	1.5	8328.43	1.06755 mg/L	Y 371.029
Sn 189.927	1.08372	mg/L	0.018732	1.7	225.962	1.08372 mg/L	Y 371.029
Sn 283.998	1.05511	mg/L	0.024901	2.4	1830.83	1.05511 mg/L	Y 371.029
Sr 216.596	0.521566	mg/L	0.006901	1.3	4068.99	0.521566 mg/L	Y 371.029
Sr 407.771	0.500728	mg/L	0.006567	1.3	1268354	0.500728 mg/L	Y 371.029
Sr 421.552	0.510328	mg/L	0.003150	0.6	802601	0.510328 mg/L	Y 371.029
Ti 334.941	0.519583	mg/L	0.003478	0.7	99080.8	0.519583 mg/L	Y 371.029
Ti 336.122	0.525209	mg/L	0.003023	0.6	42740.7	0.525209 mg/L	Y 371.029
Ti 337.280	0.514458	mg/L	0.002564	0.5	15057.6	0.514458 mg/L	Y 371.029
Tl 190.794	0.532777	mg/L	0.008985	1.7	153.907	0.532777 mg/L	Y 371.029
Tl 190.807	0.515871	mg/L	0.007472	1.4	83.5997	0.515871 mg/L	Y 371.029
Tl 351.923	0.539256	mg/L	0.012913	2.4	635.262	0.539256 mg/L	Y 371.029
V 268.796	0.522137	mg/L	0.011094	2.1	5105.62	0.522137 mg/L	Y 371.029
V 292.401	0.500149	mg/L	0.003322	0.7	15912.5	0.500149 mg/L	Y 371.029
V 311.837	0.519939	mg/L	0.008579	1.6	22763.7	0.519939 mg/L	Y 371.029
Zn 202.548	0.542501	mg/L	0.014292	2.6	4455.57	0.542501 mg/L	Y 371.029
Zn 206.200	0.538158	mg/L	0.015874	2.9	1429.51	0.538158 mg/L	Y 371.029
Zn 213.857	0.511337	mg/L	0.008969	1.8	8693.49	0.511337 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13576	9107.42	81.863	0.9
Y 371.029	0.952640	157097	1370.669	0.9

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SEQ-CCB9 (Samp) **11/4/2011, 2:06:06 PM** **Rack 3, Tube 28**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000293	mg/L	0.000203	69.3	336.569	0.000293 mg/L	Y 371.029
Ag 338.289	-0.000489uv	mg/L	0.001430	292.8	1.37666	-0.000489 mg/L	Y 371.029
Al 237.312	-0.008100uv	mg/L	0.004380	54.1	53.8478	-0.008100 mg/L	Y 371.029
Al 257.509	0.016916	mg/L	0.005899	34.9	24.5305	0.016916 mg/L	Y 371.029
Al 308.215	0.002494	mg/L	0.001663	66.7	642.796	0.002494 mg/L	Y 371.029
As 188.980	0.000415uv	mg/L	0.004318	1041.6	4.24402	0.000415 mg/L	Y 371.029
As 193.696	0.003489	mg/L	0.001571	45.0	3.91805	0.003489 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002120	26.4	9.71286	uncal mg/L	Y 371.029
B 182.577	0.007767	mg/L	0.002690	34.6	9.25330	0.007767 mg/L	Y 371.029
B 249.678	0.010274	mg/L	0.002876	28.0	147.501	0.010274 mg/L	Y 371.029
B 249.772	0.009686	mg/L	0.002746	28.4	300.302	0.009686 mg/L	Y 371.029
Ba 233.527	0.000120	mg/L	0.000077	63.9	169.435	0.000120 mg/L	Y 371.029
Ba 455.403	-0.000243uv	mg/L	0.000001	0.5	4339.96	-0.000243 mg/L	Y 371.029
Ba 493.408	-0.000247uv	mg/L	0.000014	5.8	2633.80	-0.000247 mg/L	Y 371.029
Be 234.861	0.000012	mg/L	0.000007	59.7	-0.867524	0.000012 mg/L	Y 371.029
Be 313.042	-0.000373uv	mg/L	0.000004	1.0	1357.17	-0.000373 mg/L	Y 371.029
Be 313.107	0.000022	mg/L	0.000006	27.5	31.6660	0.000022 mg/L	Y 371.029
Ca 393.366	-0.016470nuv	mg/L	0.000064	0.4	17564.2	-0.016470 mg/L	Y 371.029
Ca 396.847	-0.012197uv	mg/L	0.000081	0.7	25026.6	-0.012197 mg/L	Y 371.029
Ca 430.253	-0.027707uv	mg/L	0.002963	10.7	692.429	-0.027707 mg/L	Y 371.029
Cd 214.439	0.000125	mg/L	0.000066	53.2	6.52640	0.000125 mg/L	Y 371.029
Cd 226.502	0.000086uv	mg/L	0.000196	228.1	17.3083	0.000086 mg/L	Y 371.029
Cd 228.802	-0.000016uv	mg/L	0.000056	356.9	14.2896	-0.000016 mg/L	Y 371.029
Co 228.615	0.000597	mg/L	0.000344	57.6	5.90102	0.000597 mg/L	Y 371.029
Co 230.786	0.000200uv	mg/L	0.000281	140.6	5.97766	0.000200 mg/L	Y 371.029
Co 238.892	0.000236	mg/L	0.000342	145.3	4.40095	0.000236 mg/L	Y 371.029
Cr 205.560	0.000348uv	mg/L	0.000397	114.0	3.02037	0.000348 mg/L	Y 371.029
Cr 206.158	-0.000265uv	mg/L	0.001067	402.0	1.47936	-0.000265 mg/L	Y 371.029
Cr 267.716	-0.000145uv	mg/L	0.000079	54.5	12.3228	-0.000145 mg/L	Y 371.029
Cu 213.598	0.000735	mg/L	0.000267	36.4	2.42801	0.000735 mg/L	Y 371.029
Cu 324.754	-0.002161uv	mg/L	0.000188	8.7	374.486	-0.002161 mg/L	Y 371.029
Cu 327.395	0.000099uv	mg/L	0.000152	153.6	22.0453	0.000099 mg/L	Y 371.029
Fe 234.350	0.001734	mg/L	0.000903	52.1	41.5337	0.001734 mg/L	Y 371.029
Fe 238.204	0.002621	mg/L	0.000791	30.2	71.4754	0.002621 mg/L	Y 371.029
Fe 259.940	0.002642	mg/L	0.000827	31.3	76.5039	0.002642 mg/L	Y 371.029
Ga 287.423	0.003226uv	mg/L	0.003404	105.5	16.8357	0.003226 mg/L	Y 371.029
Ga 294.363	0.000886	mg/L	0.000570	64.3	13.9026	0.000886 mg/L	Y 371.029
Ga 417.204	0.002000	mg/L	0.000354	17.7	56.4793	0.002000 mg/L	Y 371.029
K 766.491	-0.001974uv	mg/L	0.000180	9.1	1714.13	-0.001974 mg/L	Y 371.029
K 769.897	-0.009348uv	mg/L	0.001025	11.0	8091.63	-0.009348 mg/L	Y 371.029
Li 610.365	0.001072	mg/L	0.000094	8.8	-13.8566	0.001072 mg/L	Y 371.029
Li 670.783	0.000302	mg/L	0.000045	14.8	53626.2	0.000302 mg/L	Y 371.029
Mg 279.078	0.006457	mg/L	0.002673	41.4	13.3349	0.006457 mg/L	Y 371.029
Mg 280.270	-0.002062uv	mg/L	0.000053	2.6	300.730	-0.002062 mg/L	Y 371.029
Mg 285.213	-0.001884uv	mg/L	0.000062	3.3	80.9933	-0.001884 mg/L	Y 371.029
Mn 257.610	-0.000031uv	mg/L	0.000038	121.7	5.02567	-0.000031 mg/L	Y 371.029
Mn 259.372	0.000066	mg/L	0.000066	100.0	41.8815	0.000066 mg/L	Y 371.029
Mn 260.568	-0.000045uv	mg/L	0.000057	128.1	3.63266	-0.000045 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	uncal	mg/L	0.002373	12.1	74.2862	uncal mg/L	Y 371.029
Mo 203.846	0.018136	mg/L	0.002744	15.1	28.9877	0.018136 mg/L	Y 371.029
Mo 204.598	0.019026	mg/L	0.002205	11.6	31.6084	0.019026 mg/L	Y 371.029
Na 568.821	0.957450	mg/L	0.060250	6.3	124.730	0.957450 mg/L	Y 371.029
Na 588.995	-0.245872uv	mg/L	0.000907	0.4	139652	-0.245872 mg/L	Y 371.029
Na 589.592	-0.520053uv	mg/L	0.000740	0.1	55841.4	-0.520053 mg/L	Y 371.029
Ni 216.555	-0.000197uv	mg/L	0.000171	86.8	2.59469	-0.000197 mg/L	Y 371.029
Ni 221.648	-0.000594uv	mg/L	0.000575	96.7	2.69516	-0.000594 mg/L	Y 371.029
Ni 231.604	-0.001269uv	mg/L	0.000096	7.6	4.40279	-0.001269 mg/L	Y 371.029
P 177.434	-0.000400uv	mg/L	0.012797	3197.5	0.457685	-0.000400 mg/L	Y 371.029
P 213.618	0.002555	mg/L	0.000500	19.6	1.21855	0.002555 mg/L	Y 371.029
P 214.914	0.011448	mg/L	0.001812	15.8	1.63967	0.011448 mg/L	Y 371.029
Pb 220.353	-0.001506uv	mg/L	0.001335	88.7	3.12192	-0.001506 mg/L	Y 371.029
Pb 261.417	0.008710	mg/L	0.008101	93.0	11.2241	0.008710 mg/L	Y 371.029
Pb 405.781	-0.006307uv	mg/L	0.004125	65.4	77.1907	-0.006307 mg/L	Y 371.029
Sb 206.834	-0.003465uv	mg/L	0.001294	37.4	4.25752	-0.003465 mg/L	Y 371.029
Sb 231.146	-0.001985uv	mg/L	0.001676	84.4	4.79313	-0.001985 mg/L	Y 371.029
Sb 259.804	-0.010610uv	mg/L	0.003246	30.6	7.66254	-0.010610 mg/L	Y 371.029
Se 196.026	0.002662uv	mg/L	0.004370	164.2	4.78323	0.002662 mg/L	Y 371.029
Se 203.985	0.009024	mg/L	0.005949	65.9	3.02728	0.009024 mg/L	Y 371.029
Si 250.690	-0.002297uv	mg/L	0.002603	113.3	135.674	-0.002297 mg/L	Y 371.029
Si 251.611	0.001527	mg/L	0.000760	49.8	155.372	0.001527 mg/L	Y 371.029
Si 288.158	-0.010724uv	mg/L	0.001120	10.4	1347.69	-0.010724 mg/L	Y 371.029
Sn 189.927	0.001761uv	mg/L	0.003167	179.8	2.10837	0.001761 mg/L	Y 371.029
Sn 283.998	-0.002430uv	mg/L	0.003177	130.7	4.87543	-0.002430 mg/L	Y 371.029
Sr 216.596	0.000054uv	mg/L	0.000398	729.6	16.8990	0.000054 mg/L	Y 371.029
Sr 407.771	-0.000138uv	mg/L	0.000004	3.2	5366.93	-0.000138 mg/L	Y 371.029
Sr 421.552	-0.000072uv	mg/L	0.000008	10.7	3297.22	-0.000072 mg/L	Y 371.029
Ti 334.941	0.000509	mg/L	0.000203	40.0	227.484	0.000509 mg/L	Y 371.029
Ti 336.122	0.000705	mg/L	0.000199	28.2	71.6168	0.000705 mg/L	Y 371.029
Ti 337.280	0.000458	mg/L	0.000060	13.2	23.6108	0.000458 mg/L	Y 371.029
Tl 190.794	-0.000515uv	mg/L	0.002073	402.8	1.75102	-0.000515 mg/L	Y 371.029
Tl 190.807	0.003455	mg/L	0.001119	32.4	1.18816	0.003455 mg/L	Y 371.029
Tl 351.923	0.004741uv	mg/L	0.005530	116.6	11.4876	0.004741 mg/L	Y 371.029
V 268.796	0.001753	mg/L	0.000339	19.3	48.9186	0.001753 mg/L	Y 371.029
V 292.401	-0.000024uv	mg/L	0.000103	421.3	20.6863	-0.000024 mg/L	Y 371.029
V 311.837	0.000217	mg/L	0.000039	18.0	9.58519	0.000217 mg/L	Y 371.029
Zn 202.548	0.001493	mg/L	0.000090	6.0	527.301	0.001493 mg/L	Y 371.029
Zn 206.200	0.000490	mg/L	0.000489	99.7	170.928	0.000490 mg/L	Y 371.029
Zn 213.857	0.000630	mg/L	0.000485	77.0	1046.91	0.000630 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13250	9081.25	32.333	0.4
Y 371.029	0.954991	157485	553.253	0.4

11J1391-10 (Samp)	**11/4/2011, 2:18:58 PM**	**Rack 3, Tube 29**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 1**

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.007621b	mg/L	0.000170	2.2	568.207	-0.007621 mg/L	Y 371.029
Ag 338.289	-0.026622b	mg/L	0.001725	6.5	55.8191	-0.026622 mg/L	Y 371.029
Al 237.312	0.485580b	mg/L	0.003700	0.8	209.292	0.485580 mg/L	Y 371.029
Al 257.509	-0.275349b	mg/L	0.016158	5.9	98.9292	-0.275349 mg/L	Y 371.029
Al 308.215	1.51355b	mg/L	0.000150	0.0	1038.72	1.51355 mg/L	Y 371.029
As 188.980	0.121182b	mg/L	0.005710	4.7	8.51821	0.121182 mg/L	Y 371.029
As 193.696	0.082836b	mg/L	0.007875	9.5	6.57076	0.082836 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.036550	17.6	68.4031	uncal mg/L	Y 371.029
B 182.577	0.347888b	mg/L	0.008889	2.6	212.039	0.347888 mg/L	Y 371.029
B 249.678	-0.103800b	mg/L	0.001990	1.9	282.688	-0.103800 mg/L	Y 371.029
B 249.772	1.13345b	mg/L	0.016127	1.4	34920.9	1.13345 mg/L	Y 371.029
Ba 233.527	0.007991b	mg/L	0.000288	3.6	1225.38	0.007991 mg/L	Y 371.029
Ba 455.403	0.003187b	mg/L	0.000040	1.2	15605.4	0.003187 mg/L	Y 371.029
Ba 493.408	0.002591b	mg/L	0.000109	4.2	14731.5	0.002591 mg/L	Y 371.029
Be 234.861	-0.027957uvb	mg/L	0.001455	5.2	-7841.00	-0.027957 mg/L	Y 371.029
Be 313.042	0.004886b	mg/L	0.000016	0.3	6507.79	0.004886 mg/L	Y 371.029
Be 313.107	0.003906b	mg/L	0.000009	0.2	2526.39	0.003906 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.076976	0.2	41164192	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.004566	0.0	40166948	- mg/L	Y 371.029
Ca 430.253	-xb	mg/L	1.19020	0.3	1701450	- mg/L	Y 371.029
Cd 214.439	0.186018b	mg/L	0.001697	0.9	3292.11	0.186018 mg/L	Y 371.029
Cd 226.502	0.292976b	mg/L	0.002275	0.8	11661.3	0.292976 mg/L	Y 371.029
Cd 228.802	0.149685b	mg/L	0.000696	0.5	2074.09	0.149685 mg/L	Y 371.029
Co 228.615	0.018359b	mg/L	0.005289	28.8	3881.03	0.018359 mg/L	Y 371.029
Co 230.786	-0.054320b	mg/L	0.005726	10.5	2713.47	-0.054320 mg/L	Y 371.029
Co 238.892	0.084396uvb	mg/L	0.019159	22.7	-5721.94	0.084396 mg/L	Y 371.029
Cr 205.560	-0.209569b	mg/L	0.000454	0.2	4.31891	-0.209569 mg/L	Y 371.029
Cr 206.158	-0.454904b	mg/L	0.087977	19.3	182.419	-0.454904 mg/L	Y 371.029
Cr 267.716	-0.182323b	mg/L	0.000249	0.1	172.595	-0.182323 mg/L	Y 371.029
Cu 213.598	0.191127b	mg/L	0.004761	2.5	2526.56	0.191127 mg/L	Y 371.029
Cu 324.754	0.000061uvb	mg/L	0.000233	381.3	-20.6420	0.000061 mg/L	Y 371.029
Cu 327.395	-0.264795uvb	mg/L	0.000010	0.0	8.24563	-0.264795 mg/L	Y 371.029
Fe 234.350	-xb	mg/L	13.0254	1.0	9513781	- mg/L	Y 371.029
Fe 238.204	-xb	mg/L	8.20090	1.2	10900806	- mg/L	Y 371.029
Fe 259.940	-xb	mg/L	3.31559	0.4	10598529	- mg/L	Y 371.029
Ga 287.423	1.58560b	mg/L	0.031689	2.0	22307.6	1.58560 mg/L	Y 371.029
Ga 294.363	-0.040906b	mg/L	0.001745	4.3	867.610	-0.040906 mg/L	Y 371.029
Ga 417.204	0.366773b	mg/L	0.003103	0.8	6366.12	0.366773 mg/L	Y 371.029
K 766.491	18.1841b	mg/L	0.052703	0.3	1014271	18.1841 mg/L	Y 371.029
K 769.897	18.1199b	mg/L	0.056950	0.3	831567	18.1199 mg/L	Y 371.029
Li 610.365	0.019016b	mg/L	0.000537	2.8	713.933	0.019016 mg/L	Y 371.029
Li 670.783	0.012497b	mg/L	0.000241	1.9	211452	0.012497 mg/L	Y 371.029
Mg 279.078	481.473b	mg/L	2.11406	0.4	632790	481.473 mg/L	Y 371.029
Mg 280.270	117.566b	mg/L	0.636989	0.5	10682821	117.566 mg/L	Y 371.029
Mg 285.213	270.352b	mg/L	1.38979	0.5	8119416	270.352 mg/L	Y 371.029
Mn 257.610	60.4951b	mg/L	0.165879	0.3	8170388	60.4951 mg/L	Y 371.029
Mn 259.372	62.6265b	mg/L	0.160818	0.3	6404417	62.6265 mg/L	Y 371.029
Mn 260.568	67.6399b	mg/L	0.532688	0.8	1219637	67.6399 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001785	1.5	6.37152	uncal mg/L	Y 371.029
Mo 203.846	0.088615b	mg/L	0.002656	3.0	26.4777	0.088615 mg/L	Y 371.029
Mo 204.598	0.076229b	mg/L	0.002339	3.1	13.2299	0.076229 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	-xb	mg/L	1.06842	0.5	63111.7	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.756475	0.8	40440792	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.867984	0.6	32014930	- mg/L	Y 371.029
Ni 216.555	-0.572997b	mg/L	0.001852	0.3	1820.68	-0.572997 mg/L	Y 371.029
Ni 221.648	-0.746389b	mg/L	0.001683	0.2	375.036	-0.746389 mg/L	Y 371.029
Ni 231.604	-0.722440b	mg/L	0.001173	0.2	626.381	-0.722440 mg/L	Y 371.029
P 177.434	0.436308b	mg/L	0.033550	7.7	22.0151	0.436308 mg/L	Y 371.029
P 213.618	-0.179728b	mg/L	0.013536	7.5	203.049	-0.179728 mg/L	Y 371.029
P 214.914	1.37505b	mg/L	0.022139	1.6	305.414	1.37505 mg/L	Y 371.029
Pb 220.353	-0.039942b	mg/L	0.011049	27.7	27.9339	-0.039942 mg/L	Y 371.029
Pb 261.417	0.624585b	mg/L	0.333480	53.4	250.837	0.624585 mg/L	Y 371.029
Pb 405.781	0.356706b	mg/L	0.009987	2.8	1009.94	0.356706 mg/L	Y 371.029
Sb 206.834	-0.327619b	mg/L	0.003395	1.0	42.9014	-0.327619 mg/L	Y 371.029
Sb 231.146	0.468415b	mg/L	0.039350	8.4	127.753	0.468415 mg/L	Y 371.029
Sb 259.804	-1.28241b	mg/L	0.671320	52.3	1132.33	-1.28241 mg/L	Y 371.029
Se 196.026	0.073130uvb	mg/L	0.008274	11.3	3.39216	0.073130 mg/L	Y 371.029
Se 203.985	0.616946b	mg/L	0.024003	3.9	46.2610	0.616946 mg/L	Y 371.029
Si 250.690	19.0450b	mg/L	0.064081	0.3	22850.1	19.0450 mg/L	Y 371.029
Si 251.611	18.7981b	mg/L	0.067787	0.4	27103.4	18.7981 mg/L	Y 371.029
Si 288.158	19.7082b	mg/L	0.050370	0.3	128120	19.7082 mg/L	Y 371.029
Sn 189.927	0.009843b	mg/L	0.000915	9.3	3.48236	0.009843 mg/L	Y 371.029
Sn 283.998	-0.341520b	mg/L	0.007216	2.1	58.0588	-0.341520 mg/L	Y 371.029
Sr 216.596	1.69250b	mg/L	0.005728	0.3	15153.5	1.69250 mg/L	Y 371.029
Sr 407.771	1.83289b	mg/L	0.008923	0.5	4650274	1.83289 mg/L	Y 371.029
Sr 421.552	1.87090b	mg/L	0.006888	0.4	2950293	1.87090 mg/L	Y 371.029
Ti 334.941	-0.126471b	mg/L	0.000055	0.0	179.029	-0.126471 mg/L	Y 371.029
Ti 336.122	-0.118181uvb	mg/L	0.000071	0.1	7.28226	-0.118181 mg/L	Y 371.029
Ti 337.280	-0.097230b	mg/L	0.000596	0.6	264.669	-0.097230 mg/L	Y 371.029
Tl 190.794	-0.279440b	mg/L	0.008808	3.2	12.0303	-0.279440 mg/L	Y 371.029
Tl 190.807	0.219231b	mg/L	0.012741	5.8	36.4967	0.219231 mg/L	Y 371.029
Tl 351.923	-0.070779uvb	mg/L	0.001911	2.7	4.13973	-0.070779 mg/L	Y 371.029
V 268.796	-0.125506b	mg/L	0.002926	2.3	166.036	-0.125506 mg/L	Y 371.029
V 292.401	-0.191838b	mg/L	0.000147	0.1	1070.20	-0.191838 mg/L	Y 371.029
V 311.837	-0.146179b	mg/L	0.000108	0.1	11.9018	-0.146179 mg/L	Y 371.029
Zn 202.548	-xb	mg/L	3.06593	1.1	1927202	- mg/L	Y 371.029
Zn 206.200	-xb	mg/L	6.52014	1.2	1236377	- mg/L	Y 371.029
Zn 213.857	-xb	mg/L	2.55521	1.3	2883851	- mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00486	8057.72	21.684	0.3
Y 371.029	0.898418	148155	486.324	0.3

11J1391-11 (Samp) **11/4/2011, 2:23:12 PM** **Rack 3, Tube 30**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.022833b	mg/L	0.000226	1.0	382.634	-0.022833 mg/L	Y 371.029
Ag 338.289	-0.006362uvb	mg/L	0.001673	26.3	6.30193	-0.006362 mg/L	Y 371.029
Al 237.312	-0.055136uvb	mg/L	0.004585	8.3	29.4003	-0.055136 mg/L	Y 371.029
Al 257.509	-0.202994uvb	mg/L	0.004404	2.2	16.0997	-0.202994 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.298570b	mg/L	0.001570	0.5	685.266	0.298570 mg/L	Y 371.029
As 188.980	0.074246b	mg/L	0.001642	2.2	5.59492	0.074246 mg/L	Y 371.029
As 193.696	0.043958uvb	mg/L	0.003040	6.9	2.75863	0.043958 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.579829	6.1	7977.49	uncal mg/L	Y 371.029
B 182.577	0.413860b	mg/L	0.000233	0.1	188.139	0.413860 mg/L	Y 371.029
B 249.678	0.361810b	mg/L	0.001974	0.5	3105.64	0.361810 mg/L	Y 371.029
B 249.772	0.418444b	mg/L	0.005589	1.3	9181.36	0.418444 mg/L	Y 371.029
Ba 233.527	0.020984b	mg/L	0.000233	1.1	1058.02	0.020984 mg/L	Y 371.029
Ba 455.403	0.022248b	mg/L	0.000400	1.8	26887.7	0.022248 mg/L	Y 371.029
Ba 493.408	0.021252b	mg/L	0.000431	2.0	16489.7	0.021252 mg/L	Y 371.029
Be 234.861	-0.002488uvb	mg/L	0.000149	6.0	-834.870	-0.002488 mg/L	Y 371.029
Be 313.042	-0.000018uvb	mg/L	0.000010	53.6	1469.27	-0.000018 mg/L	Y 371.029
Be 313.107	0.000038b	mg/L	0.000007	17.9	57.4379	0.000038 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.785967	2.3	43911644	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.490599	2.3	41924000	- mg/L	Y 371.029
Ca 430.253	103.994b	mg/L	1.75321	1.7	389044	103.994 mg/L	Y 371.029
Cd 214.439	5.22010b	mg/L	0.198714	3.8	84086.4	5.22010 mg/L	Y 371.029
Cd 226.502	5.46952b	mg/L	0.083671	1.5	162468	5.46952 mg/L	Y 371.029
Cd 228.802	5.31406b	mg/L	0.217346	4.1	70086.7	5.31406 mg/L	Y 371.029
Co 228.615	-0.014924b	mg/L	0.000807	5.4	267.659	-0.014924 mg/L	Y 371.029
Co 230.786	-0.017134b	mg/L	0.000802	4.7	233.132	-0.017134 mg/L	Y 371.029
Co 238.892	-0.006646uvb	mg/L	0.011895	179.0	-710.770	-0.006646 mg/L	Y 371.029
Cr 205.560	-0.026627b	mg/L	0.000321	1.2	3.22127	-0.026627 mg/L	Y 371.029
Cr 206.158	-0.047070b	mg/L	0.003254	6.9	17.4027	-0.047070 mg/L	Y 371.029
Cr 267.716	-0.023780uvb	mg/L	0.000183	0.8	17.5032	-0.023780 mg/L	Y 371.029
Cu 213.598	-0.031400b	mg/L	0.001906	6.1	176.870	-0.031400 mg/L	Y 371.029
Cu 324.754	0.013828uvb	mg/L	0.000100	0.7	267.220	0.013828 mg/L	Y 371.029
Cu 327.395	-0.035453b	mg/L	0.000110	0.3	23.1625	-0.035453 mg/L	Y 371.029
Fe 234.350	151.160b	mg/L	2.65409	1.8	1114233	151.160 mg/L	Y 371.029
Fe 238.204	140.896b	mg/L	1.15462	0.8	2274934	140.896 mg/L	Y 371.029
Fe 259.940	142.537b	mg/L	2.93369	2.1	1931656	142.537 mg/L	Y 371.029
Ga 287.423	-0.377345b	mg/L	0.010461	2.8	1431.17	-0.377345 mg/L	Y 371.029
Ga 294.363	-0.022746b	mg/L	0.000358	1.6	59.1239	-0.022746 mg/L	Y 371.029
Ga 417.204	-0.003698b	mg/L	0.001254	33.9	421.056	-0.003698 mg/L	Y 371.029
K 766.491	29.6316b	mg/L	0.462807	1.6	1630705	29.6316 mg/L	Y 371.029
K 769.897	30.1492b	mg/L	0.481205	1.6	1383311	30.1492 mg/L	Y 371.029
Li 610.365	0.003602b	mg/L	0.000432	12.0	88.7659	0.003602 mg/L	Y 371.029
Li 670.783	-0.000277b	mg/L	0.000322	116.2	88043.5	-0.000277 mg/L	Y 371.029
Mg 279.078	100.951b	mg/L	1.90094	1.9	132637	100.951 mg/L	Y 371.029
Mg 280.270	70.0859b	mg/L	0.441699	0.6	6359597	70.0859 mg/L	Y 371.029
Mg 285.213	95.2379b	mg/L	0.379793	0.4	2859217	95.2379 mg/L	Y 371.029
Mn 257.610	5.02484b	mg/L	0.094070	1.9	678732	5.02484 mg/L	Y 371.029
Mn 259.372	5.17088b	mg/L	0.071646	1.4	535912	5.17088 mg/L	Y 371.029
Mn 260.568	5.15290b	mg/L	0.116743	2.3	93291.5	5.15290 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000390	0.1	4.25437	uncal mg/L	Y 371.029
Mo 203.846	-0.572684b	mg/L	0.000634	0.1	7.63263	-0.572684 mg/L	Y 371.029
Mo 204.598	-0.583776uvb	mg/L	0.001470	0.3	4.94785	-0.583776 mg/L	Y 371.029
Na 568.821	-xb	mg/L	15.9067	1.6	266482	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.742766	1.0	30722416	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.45764	1.0	31446122	- mg/L	Y 371.029
Ni 216.555	-0.084223b	mg/L	0.000488	0.6	133.631	-0.084223 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	-0.099815b	mg/L	0.002300	2.3	28.9431	-0.099815 mg/L	Y 371.029
Ni 231.604	-0.087373b	mg/L	0.001613	1.8	64.5771	-0.087373 mg/L	Y 371.029
P 177.434	0.020729uvb	mg/L	0.013590	65.6	0.636809	0.020729 mg/L	Y 371.029
P 213.618	-0.123779b	mg/L	0.001356	1.1	1.91535	-0.123779 mg/L	Y 371.029
P 214.914	0.070461b	mg/L	0.007693	10.9	20.1783	0.070461 mg/L	Y 371.029
Pb 220.353	-0.010712uvb	mg/L	0.003026	28.2	3.43585	-0.010712 mg/L	Y 371.029
Pb 261.417	-0.169034b	mg/L	0.013699	8.1	17.4635	-0.169034 mg/L	Y 371.029
Pb 405.781	-0.152695uvb	mg/L	0.010159	6.7	72.6552	-0.152695 mg/L	Y 371.029
Sb 206.834	-0.126461uvb	mg/L	0.001276	1.0	6.63332	-0.126461 mg/L	Y 371.029
Sb 231.146	0.080629uvb	mg/L	0.017172	21.3	11.0495	0.080629 mg/L	Y 371.029
Sb 259.804	0.012136b	mg/L	0.048365	398.5	177.577	0.012136 mg/L	Y 371.029
Se 196.026	0.020725uvb	mg/L	0.002594	12.5	3.55342	0.020725 mg/L	Y 371.029
Se 203.985	0.129993b	mg/L	0.007530	5.8	5.71103	0.129993 mg/L	Y 371.029
Si 250.690	13.3860b	mg/L	0.155396	1.2	15906.3	13.3860 mg/L	Y 371.029
Si 251.611	12.9192b	mg/L	0.143823	1.1	18234.6	12.9192 mg/L	Y 371.029
Si 288.158	13.6969b	mg/L	0.153819	1.1	90151.9	13.6969 mg/L	Y 371.029
Sn 189.927	-0.017147uvb	mg/L	0.002398	14.0	1.23998	-0.017147 mg/L	Y 371.029
Sn 283.998	-0.086487uvb	mg/L	0.004624	5.3	12.2823	-0.086487 mg/L	Y 371.029
Sr 216.596	0.640287b	mg/L	0.009763	1.5	5229.10	0.640287 mg/L	Y 371.029
Sr 407.771	0.627346b	mg/L	0.006575	1.0	1594522	0.627346 mg/L	Y 371.029
Sr 421.552	0.637339b	mg/L	0.006600	1.0	1006373	0.637339 mg/L	Y 371.029
Ti 334.941	-0.012553uvb	mg/L	0.000080	0.6	50.4683	-0.012553 mg/L	Y 371.029
Ti 336.122	-0.011937b	mg/L	0.000027	0.2	16.7439	-0.011937 mg/L	Y 371.029
Ti 337.280	-0.013228b	mg/L	0.000133	1.0	16.2781	-0.013228 mg/L	Y 371.029
Tl 190.794	-0.013425uvb	mg/L	0.001388	10.3	0.815082	-0.013425 mg/L	Y 371.029
Tl 190.807	-0.005054b	mg/L	0.007478	148.0	3.02454	-0.005054 mg/L	Y 371.029
Tl 351.923	0.039252b	mg/L	0.004074	10.4	12.0251	0.039252 mg/L	Y 371.029
V 268.796	-0.090394b	mg/L	0.000141	0.2	42.1528	-0.090394 mg/L	Y 371.029
V 292.401	-0.027088uvb	mg/L	0.000149	0.5	0.628674	-0.027088 mg/L	Y 371.029
V 311.837	-0.017836b	mg/L	0.000083	0.5	6.70483	-0.017836 mg/L	Y 371.029
Zn 202.548	39.8047b	mg/L	0.264849	0.7	286751	39.8047 mg/L	Y 371.029
Zn 206.200	40.8352b	mg/L	1.41226	3.5	95595.4	40.8352 mg/L	Y 371.029
Zn 213.857	39.4999b	mg/L	0.411681	1.0	584573	39.4999 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02958	8255.96	78.474	1.0
Y 371.029	0.866631	142913	1523.428	1.1

11J1391-12 (Samp) **11/4/2011, 2:27:26 PM** **Rack 3, Tube 31**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001731b	mg/L	0.000250	14.4	340.562	-0.001731 mg/L	Y 371.029
Ag 338.289	-0.004942uvb	mg/L	0.000180	3.6	1.43064	-0.004942 mg/L	Y 371.029
Al 237.312	0.017220b	mg/L	0.003507	20.4	79.0934	0.017220 mg/L	Y 371.029
Al 257.509	-0.008560b	mg/L	0.005625	65.7	37.9740	-0.008560 mg/L	Y 371.029
Al 308.215	0.176139b	mg/L	0.001478	0.8	837.767	0.176139 mg/L	Y 371.029
As 188.980	0.022842b	mg/L	0.002957	12.9	7.15055	0.022842 mg/L	Y 371.029
As 193.696	0.014684b	mg/L	0.000608	4.1	3.95900	0.014684 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005527	22.0	4.88350	uncal mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	6.19148b	mg/L	0.110575	1.8	2652.58	6.19148 mg/L	Y 371.029
B 249.678	6.36082b	mg/L	0.118187	1.9	49540.7	6.36082 mg/L	Y 371.029
B 249.772	6.19528b	mg/L	0.130514	2.1	105711	6.19528 mg/L	Y 371.029
Ba 233.527	0.015155b	mg/L	0.000141	0.9	744.900	0.015155 mg/L	Y 371.029
Ba 455.403	0.014701b	mg/L	0.000062	0.4	19572.1	0.014701 mg/L	Y 371.029
Ba 493.408	0.014659b	mg/L	0.000080	0.5	11841.8	0.014659 mg/L	Y 371.029
Be 234.861	-0.000729uvb	mg/L	0.000370	50.7	-286.303	-0.000729 mg/L	Y 371.029
Be 313.042	0.000413b	mg/L	0.000005	1.3	2251.24	0.000413 mg/L	Y 371.029
Be 313.107	0.000678b	mg/L	0.000003	0.5	471.447	0.000678 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.114309	0.4	39126156	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.073585	0.4	37232956	- mg/L	Y 371.029
Ca 430.253	72.8287b	mg/L	0.137109	0.2	271205	72.8287 mg/L	Y 371.029
Cd 214.439	0.001610b	mg/L	0.000060	3.7	53.9998	0.001610 mg/L	Y 371.029
Cd 226.502	0.000909b	mg/L	0.000122	13.4	228.209	0.000909 mg/L	Y 371.029
Cd 228.802	0.000094b	mg/L	0.000120	126.8	31.7878	0.000094 mg/L	Y 371.029
Co 228.615	0.037475b	mg/L	0.000631	1.7	459.021	0.037475 mg/L	Y 371.029
Co 230.786	0.035711b	mg/L	0.001908	5.3	328.386	0.035711 mg/L	Y 371.029
Co 238.892	0.024651uvb	mg/L	0.012132	49.2	-129.361	0.024651 mg/L	Y 371.029
Cr 205.560	-0.011187b	mg/L	0.000546	4.9	3.90125	-0.011187 mg/L	Y 371.029
Cr 206.158	-0.022476b	mg/L	0.008149	36.3	43.0696	-0.022476 mg/L	Y 371.029
Cr 267.716	-0.008703b	mg/L	0.000216	2.5	26.9978	-0.008703 mg/L	Y 371.029
Cu 213.598	-0.010083b	mg/L	0.001180	11.7	60.9566	-0.010083 mg/L	Y 371.029
Cu 324.754	0.008819uvb	mg/L	0.000041	0.5	311.738	0.008819 mg/L	Y 371.029
Cu 327.395	-0.011692b	mg/L	0.000060	0.5	22.4611	-0.011692 mg/L	Y 371.029
Fe 234.350	55.3421b	mg/L	0.420417	0.8	408392	55.3421 mg/L	Y 371.029
Fe 238.204	51.4132b	mg/L	0.786723	1.5	831140	51.4132 mg/L	Y 371.029
Fe 259.940	51.8881b	mg/L	0.976970	1.9	704068	51.8881 mg/L	Y 371.029
Ga 287.423	-0.164892b	mg/L	0.004333	2.6	472.679	-0.164892 mg/L	Y 371.029
Ga 294.363	-0.006978b	mg/L	0.001070	15.3	31.4843	-0.006978 mg/L	Y 371.029
Ga 417.204	-0.001713b	mg/L	0.001444	84.3	167.893	-0.001713 mg/L	Y 371.029
K 766.491	10.2395b	mg/L	0.018850	0.2	564627	10.2395 mg/L	Y 371.029
K 769.897	10.3485b	mg/L	0.025147	0.2	477474	10.3485 mg/L	Y 371.029
Li 610.365	0.004438b	mg/L	0.000432	9.7	122.643	0.004438 mg/L	Y 371.029
Li 670.783	0.009677b	mg/L	0.000071	0.7	88089.5	0.009677 mg/L	Y 371.029
Mg 279.078	31.1587b	mg/L	0.000781	0.0	40946.5	31.1587 mg/L	Y 371.029
Mg 280.270	28.0532b	mg/L	0.194851	0.7	2546821	28.0532 mg/L	Y 371.029
Mg 285.213	31.5893b	mg/L	0.279423	0.9	948789	31.5893 mg/L	Y 371.029
Mn 257.610	3.23134b	mg/L	0.045199	1.4	436357	3.23134 mg/L	Y 371.029
Mn 259.372	3.20869b	mg/L	0.045618	1.4	326961	3.20869 mg/L	Y 371.029
Mn 260.568	3.16047b	mg/L	0.021693	0.7	57061.1	3.16047 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000390	4.4	12.9498	uncal mg/L	Y 371.029
Mo 203.846	-0.010150uvb	mg/L	0.001484	14.6	7.80432	-0.010150 mg/L	Y 371.029
Mo 204.598	-0.011361uvb	mg/L	0.001346	11.8	3.11466	-0.011361 mg/L	Y 371.029
Na 568.821	42.0321b	mg/L	0.159803	0.4	11378.7	42.0321 mg/L	Y 371.029
Na 588.995	41.1748b	mg/L	0.024114	0.1	17820992	41.1748 mg/L	Y 371.029
Na 589.592	46.6433b	mg/L	0.029330	0.1	10489251	46.6433 mg/L	Y 371.029
Ni 216.555	0.035969b	mg/L	0.000439	1.2	351.279	0.035969 mg/L	Y 371.029
Ni 221.648	0.026728b	mg/L	0.001482	5.5	129.873	0.026728 mg/L	Y 371.029
Ni 231.604	0.034874b	mg/L	0.000780	2.2	235.985	0.034874 mg/L	Y 371.029
P 177.434	0.019251b	mg/L	0.005108	26.5	1.12512	0.019251 mg/L	Y 371.029
P 213.618	-0.032816b	mg/L	0.003180	9.7	9.27265	-0.032816 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.064216b	mg/L	0.018332	28.5	11.8266	0.064216 mg/L	Y 371.029
Pb 220.353	-0.009323uvb	mg/L	0.000539	5.8	2.13983	-0.009323 mg/L	Y 371.029
Pb 261.417	0.009754uvb	mg/L	0.008145	83.5	8.82909	0.009754 mg/L	Y 371.029
Pb 405.781	-0.039292uvb	mg/L	0.006432	16.4	70.8297	-0.039292 mg/L	Y 371.029
Sb 206.834	-0.039061uvb	mg/L	0.004388	11.2	6.69957	-0.039061 mg/L	Y 371.029
Sb 231.146	0.018235uvb	mg/L	0.011083	60.8	8.36105	0.018235 mg/L	Y 371.029
Sb 259.804	-0.219155uvb	mg/L	0.038265	17.5	12.5224	-0.219155 mg/L	Y 371.029
Se 196.026	-0.000627uvb	mg/L	0.001747	278.5	3.68980	-0.000627 mg/L	Y 371.029
Se 203.985	0.036265uvb	mg/L	0.019656	54.2	3.08770	0.036265 mg/L	Y 371.029
Si 250.690	9.83632b	mg/L	0.042485	0.4	11670.1	9.83632 mg/L	Y 371.029
Si 251.611	9.51263b	mg/L	0.033513	0.4	13393.0	9.51263 mg/L	Y 371.029
Si 288.158	10.2061b	mg/L	0.048012	0.5	67526.5	10.2061 mg/L	Y 371.029
Sn 189.927	0.001937uvb	mg/L	0.004075	210.4	1.58380	0.001937 mg/L	Y 371.029
Sn 283.998	-0.043694uvb	mg/L	0.001456	3.3	7.33085	-0.043694 mg/L	Y 371.029
Sr 216.596	0.319666b	mg/L	0.000480	0.2	2603.38	0.319666 mg/L	Y 371.029
Sr 407.771	0.316007b	mg/L	0.002092	0.7	806961	0.316007 mg/L	Y 371.029
Sr 421.552	0.322725b	mg/L	0.003430	1.1	511724	0.322725 mg/L	Y 371.029
Ti 334.941	-0.010334uvb	mg/L	0.000076	0.7	70.7226	-0.010334 mg/L	Y 371.029
Ti 336.122	-0.009152uvb	mg/L	0.000127	1.4	15.2954	-0.009152 mg/L	Y 371.029
Ti 337.280	-0.007666b	mg/L	0.000064	0.8	21.9172	-0.007666 mg/L	Y 371.029
Tl 190.794	-0.026682uvb	mg/L	0.002426	9.1	1.18551	-0.026682 mg/L	Y 371.029
Tl 190.807	0.008822b	mg/L	0.010083	114.3	2.65719	0.008822 mg/L	Y 371.029
Tl 351.923	-0.009460uvb	mg/L	0.003328	35.2	7.63072	-0.009460 mg/L	Y 371.029
V 268.796	-0.006780b	mg/L	0.000267	3.9	35.4482	-0.006780 mg/L	Y 371.029
V 292.401	-0.010771b	mg/L	0.000243	2.3	69.6662	-0.010771 mg/L	Y 371.029
V 311.837	-0.005543b	mg/L	0.000156	2.8	19.4758	-0.005543 mg/L	Y 371.029
Zn 202.548	53.9082b	mg/L	0.553572	1.0	387052	53.9082 mg/L	Y 371.029
Zn 206.200	56.5195b	mg/L	0.779839	1.4	131876	56.5195 mg/L	Y 371.029
Zn 213.857	49.2843b	mg/L	0.304784	0.6	726886	49.2843 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13124	9071.19	51.155	0.6
Y 371.029	0.956518	157737	572.290	0.4

11J1391-13 (Samp) **11/4/2011, 2:31:40 PM** **Rack 3, Tube 32**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001182	mg/L	0.000243	20.5	336.372	-0.001182 mg/L	Y 371.029
Ag 338.289	0.000405uv	mg/L	0.001124	277.7	3.69115	0.000405 mg/L	Y 371.029
Al 237.312	0.040445	mg/L	0.002345	5.8	126.038	0.040445 mg/L	Y 371.029
Al 257.509	0.065568	mg/L	0.014995	22.9	51.3085	0.065568 mg/L	Y 371.029
Al 308.215	0.063716	mg/L	0.000916	1.4	942.355	0.063716 mg/L	Y 371.029
As 188.980	0.008028	mg/L	0.002394	29.8	6.10923	0.008028 mg/L	Y 371.029
As 193.696	0.001779uv	mg/L	0.001504	84.6	3.01748	0.001779 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002047	24.2	9.42249	uncal mg/L	Y 371.029
B 182.577	0.302989	mg/L	0.030006	9.9	136.407	0.302989 mg/L	Y 371.029
B 249.678	0.304670	mg/L	0.030123	9.9	2455.72	0.304670 mg/L	Y 371.029
B 249.772	0.300464	mg/L	0.031643	10.5	5255.83	0.300464 mg/L	Y 371.029
Ba 233.527	0.018963	mg/L	0.000187	1.0	841.613	0.018963 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.017911	mg/L	0.000096	0.5	22381.4	0.017911 mg/L	Y 371.029
Ba 493.408	0.018337	mg/L	0.000095	0.5	13371.5	0.018337 mg/L	Y 371.029
Be 234.861	0.000037	mg/L	0.000005	13.8	0.813304	0.000037 mg/L	Y 371.029
Be 313.042	-0.000366uv	mg/L	0.000009	2.3	1431.72	-0.000366 mg/L	Y 371.029
Be 313.107	0.000019	mg/L	0.000005	26.9	31.9319	0.000019 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.209235	0.7	39309644	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.134784	0.7	37330628	- mg/L	Y 371.029
Ca 430.253	63.6680	mg/L	0.230070	0.4	236221	63.6680 mg/L	Y 371.029
Cd 214.439	0.000079	mg/L	0.000075	94.9	5.73016	0.000079 mg/L	Y 371.029
Cd 226.502	0.000054	mg/L	0.000026	48.9	20.3168	0.000054 mg/L	Y 371.029
Cd 228.802	0.000113	mg/L	0.000058	51.2	16.3060	0.000113 mg/L	Y 371.029
Co 228.615	0.002483uv	mg/L	0.000204	8.2	2.80784	0.002483 mg/L	Y 371.029
Co 230.786	0.002126	mg/L	0.000157	7.4	6.23024	0.002126 mg/L	Y 371.029
Co 238.892	-0.000446uv	mg/L	0.000177	39.7	2.52904	-0.000446 mg/L	Y 371.029
Cr 205.560	0.003705	mg/L	0.000441	11.9	17.5458	0.003705 mg/L	Y 371.029
Cr 206.158	0.004845	mg/L	0.000316	6.5	9.24193	0.004845 mg/L	Y 371.029
Cr 267.716	0.004110	mg/L	0.000132	3.2	101.095	0.004110 mg/L	Y 371.029
Cu 213.598	0.002178	mg/L	0.000282	12.9	8.14254	0.002178 mg/L	Y 371.029
Cu 324.754	0.002868	mg/L	0.000149	5.2	480.739	0.002868 mg/L	Y 371.029
Cu 327.395	0.002800	mg/L	0.000229	8.2	152.318	0.002800 mg/L	Y 371.029
Fe 234.350	0.015304	mg/L	0.003532	23.1	196.763	0.015304 mg/L	Y 371.029
Fe 238.204	0.014293	mg/L	0.003727	26.1	402.386	0.014293 mg/L	Y 371.029
Fe 259.940	0.015702	mg/L	0.004387	27.9	362.453	0.015702 mg/L	Y 371.029
Ga 287.423	0.000631	mg/L	0.001564	247.9	24.4993	0.000631 mg/L	Y 371.029
Ga 294.363	0.002190	mg/L	0.000255	11.6	19.1102	0.002190 mg/L	Y 371.029
Ga 417.204	0.003982uv	mg/L	0.002067	51.9	56.2360	0.003982 mg/L	Y 371.029
K 766.491	14.5234	mg/L	0.010195	0.1	798014	14.5234 mg/L	Y 371.029
K 769.897	14.4656	mg/L	0.010506	0.1	663956	14.4656 mg/L	Y 371.029
Li 610.365	0.005734	mg/L	0.000631	11.0	175.226	0.005734 mg/L	Y 371.029
Li 670.783	0.017152	mg/L	0.000099	0.6	97222.3	0.017152 mg/L	Y 371.029
Mg 279.078	0.093585	mg/L	0.004137	4.4	126.616	0.093585 mg/L	Y 371.029
Mg 280.270	0.085298	mg/L	0.000626	0.7	8474.51	0.085298 mg/L	Y 371.029
Mg 285.213	0.084700	mg/L	0.000851	1.0	2706.04	0.084700 mg/L	Y 371.029
Mn 257.610	0.019582	mg/L	0.000153	0.8	2687.01	0.019582 mg/L	Y 371.029
Mn 259.372	0.019678	mg/L	0.000144	0.7	2042.32	0.019678 mg/L	Y 371.029
Mn 260.568	0.019409	mg/L	0.000072	0.4	358.092	0.019409 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000386	8.9	33.1591	uncal mg/L	Y 371.029
Mo 203.846	-0.006288	mg/L	0.001802	28.7	12.4697	-0.006288 mg/L	Y 371.029
Mo 204.598	-0.005033	mg/L	0.000689	13.7	12.0350	-0.005033 mg/L	Y 371.029
Na 568.821	10.5560	mg/L	0.061662	0.6	2769.71	10.5560 mg/L	Y 371.029
Na 588.995	11.8472	mg/L	0.045185	0.4	5301636	11.8472 mg/L	Y 371.029
Na 589.592	12.6688	mg/L	0.026623	0.2	2969786	12.6688 mg/L	Y 371.029
Ni 216.555	0.000249	mg/L	0.000173	69.5	5.65593	0.000249 mg/L	Y 371.029
Ni 221.648	0.001824	mg/L	0.000934	51.2	7.42578	0.001824 mg/L	Y 371.029
Ni 231.604	-0.000740uv	mg/L	0.000792	107.1	7.60837	-0.000740 mg/L	Y 371.029
P 177.434	0.058574	mg/L	0.018555	31.7	2.80690	0.058574 mg/L	Y 371.029
P 213.618	0.049356	mg/L	0.001073	2.2	26.4755	0.049356 mg/L	Y 371.029
P 214.914	0.070048	mg/L	0.007611	10.9	10.9050	0.070048 mg/L	Y 371.029
Pb 220.353	-0.001537uv	mg/L	0.001612	104.9	3.84433	-0.001537 mg/L	Y 371.029
Pb 261.417	-0.000283uv	mg/L	0.004408	1557.3	6.13303	-0.000283 mg/L	Y 371.029
Pb 405.781	-0.029545uv	mg/L	0.002639	8.9	69.9326	-0.029545 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.008061uv	mg/L	0.002350	29.2	5.28177	-0.008061 mg/L	Y 371.029
Sb 231.146	-0.025774uv	mg/L	0.003608	14.0	3.12624	-0.025774 mg/L	Y 371.029
Sb 259.804	-0.043733uv	mg/L	0.006982	16.0	5.21436	-0.043733 mg/L	Y 371.029
Se 196.026	0.006381	mg/L	0.006183	96.9	6.94248	0.006381 mg/L	Y 371.029
Se 203.985	0.014268uv	mg/L	0.013370	93.7	2.82169	0.014268 mg/L	Y 371.029
Si 250.690	9.28557	mg/L	0.029771	0.3	11002.2	9.28557 mg/L	Y 371.029
Si 251.611	8.98753	mg/L	0.030151	0.3	12613.6	8.98753 mg/L	Y 371.029
Si 288.158	9.63316	mg/L	0.026339	0.3	64086.8	9.63316 mg/L	Y 371.029
Sn 189.927	0.003304	mg/L	0.001803	54.6	2.21725	0.003304 mg/L	Y 371.029
Sn 283.998	0.000875	mg/L	0.002179	248.9	19.6904	0.000875 mg/L	Y 371.029
Sr 216.596	0.365107	mg/L	0.002077	0.6	2865.04	0.365107 mg/L	Y 371.029
Sr 407.771	0.349279	mg/L	0.001415	0.4	890176	0.349279 mg/L	Y 371.029
Sr 421.552	0.356962	mg/L	0.002702	0.8	564726	0.356962 mg/L	Y 371.029
Ti 334.941	-0.000664uv	mg/L	0.000047	7.1	64.2041	-0.000664 mg/L	Y 371.029
Ti 336.122	-0.000166uv	mg/L	0.000129	77.4	7.21583	-0.000166 mg/L	Y 371.029
Ti 337.280	-0.000490uv	mg/L	0.000050	10.3	10.9768	-0.000490 mg/L	Y 371.029
Tl 190.794	0.000163uv	mg/L	0.005054	3099.6	1.53669	0.000163 mg/L	Y 371.029
Tl 190.807	0.011579	mg/L	0.000561	4.8	1.91431	0.011579 mg/L	Y 371.029
Tl 351.923	0.001018	mg/L	0.003993	392.1	11.2864	0.001018 mg/L	Y 371.029
V 268.796	0.359878	mg/L	0.001441	0.4	2897.40	0.359878 mg/L	Y 371.029
V 292.401	0.389919	mg/L	0.002834	0.7	12390.3	0.389919 mg/L	Y 371.029
V 311.837	0.392907	mg/L	0.001599	0.4	17179.8	0.392907 mg/L	Y 371.029
Zn 202.548	0.065919	mg/L	0.000244	0.4	1025.84	0.065919 mg/L	Y 371.029
Zn 206.200	0.064809	mg/L	0.000194	0.3	332.950	0.064809 mg/L	Y 371.029
Zn 213.857	0.065180	mg/L	0.000295	0.5	2071.08	0.065180 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13218	9078.70	88.345	1.0
Y 371.029	0.950928	156815	1134.242	0.7

11J1391-14 (Samp) **11/4/2011, 2:35:38 PM** **Rack 3, Tube 33**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.007052b	mg/L	0.000404	5.7	378.728	-0.007052 mg/L	Y 371.029
Ag 338.289	-0.025995b	mg/L	0.000472	1.8	10.7510	-0.025995 mg/L	Y 371.029
Al 237.312	0.033470uvb	mg/L	0.002992	8.9	32.9264	0.033470 mg/L	Y 371.029
Al 257.509	-0.184753b	mg/L	0.013325	7.2	38.5996	-0.184753 mg/L	Y 371.029
Al 308.215	0.711784b	mg/L	0.001401	0.2	769.244	0.711784 mg/L	Y 371.029
As 188.980	0.060590uvb	mg/L	0.003291	5.4	4.91726	0.060590 mg/L	Y 371.029
As 193.696	0.044518uvb	mg/L	0.002161	4.9	1.96710	0.044518 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.550914	3.2	14222.3	uncal mg/L	Y 371.029
B 182.577	0.229019b	mg/L	0.007857	3.4	132.433	0.229019 mg/L	Y 371.029
B 249.678	0.127044b	mg/L	0.002176	1.7	1528.45	0.127044 mg/L	Y 371.029
B 249.772	0.288221b	mg/L	0.002724	0.9	8739.21	0.288221 mg/L	Y 371.029
Ba 233.527	0.004957b	mg/L	0.000067	1.4	633.347	0.004957 mg/L	Y 371.029
Ba 455.403	0.005815b	mg/L	0.000056	1.0	14209.7	0.005815 mg/L	Y 371.029
Ba 493.408	0.004261b	mg/L	0.000043	1.0	9329.56	0.004261 mg/L	Y 371.029
Be 234.861	-0.001888uvb	mg/L	0.000430	22.8	-1358.34	-0.001888 mg/L	Y 371.029
Be 313.042	0.000768uvb	mg/L	0.000005	0.7	1502.15	0.000768 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000468b	mg/L	0.000011	2.3	117.087	0.000468 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.038169	0.1	40229124	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.017405	0.1	39032596	- mg/L	Y 371.029
Ca 430.253	321.149b	mg/L	0.962133	0.3	1193803	321.149 mg/L	Y 371.029
Cd 214.439	8.97667b	mg/L	0.122349	1.4	144666	8.97667 mg/L	Y 371.029
Cd 226.502	9.37514b	mg/L	0.018658	0.2	278870	9.37514 mg/L	Y 371.029
Cd 228.802	9.37471b	mg/L	0.095128	1.0	123709	9.37471 mg/L	Y 371.029
Co 228.615	0.039786b	mg/L	0.000518	1.3	1169.31	0.039786 mg/L	Y 371.029
Co 230.786	0.026567b	mg/L	0.000177	0.7	868.470	0.026567 mg/L	Y 371.029
Co 238.892	-0.040110uvb	mg/L	0.008350	20.8	-1626.28	-0.040110 mg/L	Y 371.029
Cr 205.560	-0.062955uvb	mg/L	0.000278	0.4	2.05728	-0.062955 mg/L	Y 371.029
Cr 206.158	-0.146876b	mg/L	0.043886	29.9	157.914	-0.146876 mg/L	Y 371.029
Cr 267.716	-0.048185b	mg/L	0.000204	0.4	48.1500	-0.048185 mg/L	Y 371.029
Cu 213.598	-0.036747b	mg/L	0.000407	1.1	381.928	-0.036747 mg/L	Y 371.029
Cu 324.754	0.048962uvb	mg/L	0.000133	0.3	110.329	0.048962 mg/L	Y 371.029
Cu 327.395	-0.063673uvb	mg/L	0.000053	0.1	6.92413	-0.063673 mg/L	Y 371.029
Fe 234.350	-xb	mg/L	2.00526	0.7	2251819	- mg/L	Y 371.029
Fe 238.204	-xb	mg/L	1.05878	0.4	4286772	- mg/L	Y 371.029
Fe 259.940	-xb	mg/L	1.22285	0.4	3714305	- mg/L	Y 371.029
Ga 287.423	-0.698138b	mg/L	0.003439	0.5	3014.78	-0.698138 mg/L	Y 371.029
Ga 294.363	-0.042490b	mg/L	0.000838	2.0	99.5064	-0.042490 mg/L	Y 371.029
Ga 417.204	0.003992b	mg/L	0.000408	10.2	869.133	0.003992 mg/L	Y 371.029
K 766.491	21.1329b	mg/L	0.053728	0.3	1167944	21.1329 mg/L	Y 371.029
K 769.897	21.2655b	mg/L	0.051240	0.2	972443	21.2655 mg/L	Y 371.029
Li 610.365	0.002191b	mg/L	0.000080	3.6	31.5388	0.002191 mg/L	Y 371.029
Li 670.783	-0.005340b	mg/L	0.000057	1.1	90049.7	-0.005340 mg/L	Y 371.029
Mg 279.078	121.161b	mg/L	0.358500	0.3	159221	121.161 mg/L	Y 371.029
Mg 280.270	74.1068b	mg/L	0.197305	0.3	6731842	74.1068 mg/L	Y 371.029
Mg 285.213	109.704b	mg/L	0.269728	0.2	3295537	109.704 mg/L	Y 371.029
Mn 257.610	18.1038b	mg/L	0.090444	0.5	2444615	18.1038 mg/L	Y 371.029
Mn 259.372	18.1386b	mg/L	0.089740	0.5	1846580	18.1386 mg/L	Y 371.029
Mn 260.568	18.3430b	mg/L	0.104289	0.6	330830	18.3430 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000287	1.8	2.03885	uncal mg/L	Y 371.029
Mo 203.846	-0.023219uvb	mg/L	0.000895	3.9	7.57223	-0.023219 mg/L	Y 371.029
Mo 204.598	-0.023679uvb	mg/L	0.001153	4.9	2.71756	-0.023679 mg/L	Y 371.029
Na 568.821	165.349b	mg/L	1.05821	0.6	45339.4	165.349 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.684994	0.8	35149468	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.34597	1.0	29342968	- mg/L	Y 371.029
Ni 216.555	-0.098997b	mg/L	0.000570	0.6	604.728	-0.098997 mg/L	Y 371.029
Ni 221.648	-0.133441b	mg/L	0.001690	1.3	187.634	-0.133441 mg/L	Y 371.029
Ni 231.604	-0.114323b	mg/L	0.001072	0.9	336.827	-0.114323 mg/L	Y 371.029
P 177.434	0.024584b	mg/L	0.014198	57.8	0.915675	0.024584 mg/L	Y 371.029
P 213.618	-0.241768b	mg/L	0.001294	0.5	6.88124	-0.241768 mg/L	Y 371.029
P 214.914	0.156310b	mg/L	0.013075	8.4	35.0889	0.156310 mg/L	Y 371.029
Pb 220.353	-0.035002uvb	mg/L	0.001900	5.4	-1.27570	-0.035002 mg/L	Y 371.029
Pb 261.417	0.126799b	mg/L	0.029299	23.1	52.0721	0.126799 mg/L	Y 371.029
Pb 405.781	-0.140944uvb	mg/L	0.008115	5.8	45.1992	-0.140944 mg/L	Y 371.029
Sb 206.834	-0.174409b	mg/L	0.004435	2.5	18.1171	-0.174409 mg/L	Y 371.029
Sb 231.146	0.122592b	mg/L	0.003486	2.8	30.5134	0.122592 mg/L	Y 371.029
Sb 259.804	-0.652515b	mg/L	0.008820	1.4	198.630	-0.652515 mg/L	Y 371.029
Se 196.026	0.003533uvb	mg/L	0.000778	22.0	3.03886	0.003533 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.210375b	mg/L	0.013201	6.3	11.8974	0.210375 mg/L	Y 371.029
Si 250.690	12.1359b	mg/L	0.017063	0.1	14465.7	12.1359 mg/L	Y 371.029
Si 251.611	11.5852b	mg/L	0.030167	0.3	16723.6	11.5852 mg/L	Y 371.029
Si 288.158	12.4911b	mg/L	0.048472	0.4	82288.2	12.4911 mg/L	Y 371.029
Sn 189.927	0.012013uvb	mg/L	0.004025	33.5	1.63788	0.012013 mg/L	Y 371.029
Sn 283.998	-0.183697b	mg/L	0.001905	1.0	14.6959	-0.183697 mg/L	Y 371.029
Sr 216.596	1.00710b	mg/L	0.001448	0.1	8396.73	1.00710 mg/L	Y 371.029
Sr 407.771	1.04695b	mg/L	0.004490	0.4	2663385	1.04695 mg/L	Y 371.029
Sr 421.552	1.07172b	mg/L	0.005489	0.5	1693732	1.07172 mg/L	Y 371.029
Ti 334.941	-0.051034uvb	mg/L	0.000117	0.2	76.2914	-0.051034 mg/L	Y 371.029
Ti 336.122	-0.047072uvb	mg/L	0.000035	0.1	-0.332132	-0.047072 mg/L	Y 371.029
Ti 337.280	-0.039246b	mg/L	0.000366	0.9	51.5453	-0.039246 mg/L	Y 371.029
Tl 190.794	-0.123908b	mg/L	0.003861	3.1	3.30204	-0.123908 mg/L	Y 371.029
Tl 190.807	0.005557b	mg/L	0.002485	44.7	4.05731	0.005557 mg/L	Y 371.029
Tl 351.923	-0.040233uvb	mg/L	0.005386	13.4	10.2679	-0.040233 mg/L	Y 371.029
V 268.796	-0.038676b	mg/L	0.000768	2.0	48.3228	-0.038676 mg/L	Y 371.029
V 292.401	-0.060932b	mg/L	0.000211	0.3	151.579	-0.060932 mg/L	Y 371.029
V 311.837	-0.032775b	mg/L	0.000072	0.2	10.1077	-0.032775 mg/L	Y 371.029
Zn 202.548	-xb	mg/L	0.362951	0.2	1419063	- mg/L	Y 371.029
Zn 206.200	-xb	mg/L	3.63780	1.3	650279	- mg/L	Y 371.029
Zn 213.857	-xb	mg/L	2.35699	1.8	1968350	- mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.06933	8574.76	15.130	0.2
Y 371.029	0.922872	152188	214.099	0.1

11J1391-15 (Samp) **11/4/2011, 2:39:53 PM** **Rack 3, Tube 34**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001489	mg/L	0.000278	18.7	357.900	-0.001489 mg/L	Y 371.029
Ag 338.289	-0.001081uv	mg/L	0.000568	52.5	-0.350327	-0.001081 mg/L	Y 371.029
Al 237.312	3.11944	mg/L	0.002455	0.1	4241.67	3.11944 mg/L	Y 371.029
Al 257.509	3.13768	mg/L	0.024269	0.8	1839.68	3.13768 mg/L	Y 371.029
Al 308.215	3.10923	mg/L	0.005738	0.2	17021.4	3.10923 mg/L	Y 371.029
As 188.980	0.023109	mg/L	0.003464	15.0	9.91383	0.023109 mg/L	Y 371.029
As 193.696	0.015391	mg/L	0.003023	19.6	7.09083	0.015391 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004752	18.6	16.3194	uncal mg/L	Y 371.029
B 182.577	0.090600	mg/L	0.002746	3.0	45.6259	0.090600 mg/L	Y 371.029
B 249.678	0.087656	mg/L	0.000111	0.1	772.226	0.087656 mg/L	Y 371.029
B 249.772	0.087589	mg/L	0.000243	0.3	1651.91	0.087589 mg/L	Y 371.029
Ba 233.527	0.003146	mg/L	0.000104	3.3	306.296	0.003146 mg/L	Y 371.029
Ba 455.403	0.002729	mg/L	0.000012	0.4	7906.69	0.002729 mg/L	Y 371.029
Ba 493.408	0.002796	mg/L	0.000019	0.7	4764.38	0.002796 mg/L	Y 371.029
Be 234.861	0.000047	mg/L	0.000013	27.1	2.14199	0.000047 mg/L	Y 371.029
Be 313.042	-0.000367uv	mg/L	0.000001	0.4	1374.06	-0.000367 mg/L	Y 371.029
Be 313.107	0.000018	mg/L	0.000011	61.0	32.6042	0.000018 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.336398	1.1	38567724	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.041876	0.2	37580264	- mg/L	Y 371.029
Ca 430.253	54.2729	mg/L	0.151493	0.3	201570	54.2729 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.000265	mg/L	0.000158	59.8	8.75521	0.000265 mg/L	Y 371.029
Cd 226.502	0.000135	mg/L	0.000050	36.9	22.8429	0.000135 mg/L	Y 371.029
Cd 228.802	0.000535	mg/L	0.000112	20.9	21.4579	0.000535 mg/L	Y 371.029
Co 228.615	0.001705	mg/L	0.000359	21.1	5.48778	0.001705 mg/L	Y 371.029
Co 230.786	0.000990uv	mg/L	0.000210	21.2	5.79592	0.000990 mg/L	Y 371.029
Co 238.892	-0.000260uv	mg/L	0.000551	212.0	4.06076	-0.000260 mg/L	Y 371.029
Cr 205.560	-0.001264	mg/L	0.000357	28.3	3.32335	-0.001264 mg/L	Y 371.029
Cr 206.158	-0.001521uv	mg/L	0.000563	37.0	1.54279	-0.001521 mg/L	Y 371.029
Cr 267.716	-0.001681uv	mg/L	0.000243	14.4	11.8644	-0.001681 mg/L	Y 371.029
Cu 213.598	-0.000678	mg/L	0.000277	40.8	1.18880	-0.000678 mg/L	Y 371.029
Cu 324.754	0.000656uv	mg/L	0.000071	10.8	392.035	0.000656 mg/L	Y 371.029
Cu 327.395	-0.000094	mg/L	0.000160	171.2	36.7478	-0.000094 mg/L	Y 371.029
Fe 234.350	0.027402	mg/L	0.004779	17.4	382.138	0.027402 mg/L	Y 371.029
Fe 238.204	0.025457	mg/L	0.004375	17.2	805.829	0.025457 mg/L	Y 371.029
Fe 259.940	0.026099	mg/L	0.004000	15.3	690.765	0.026099 mg/L	Y 371.029
Ga 287.423	0.000603	mg/L	0.001491	247.1	19.3437	0.000603 mg/L	Y 371.029
Ga 294.363	0.005923	mg/L	0.000426	7.2	42.5317	0.005923 mg/L	Y 371.029
Ga 417.204	0.006515	mg/L	0.000195	3.0	86.1616	0.006515 mg/L	Y 371.029
K 766.491	16.2585	mg/L	0.037439	0.2	893147	16.2585 mg/L	Y 371.029
K 769.897	16.2819	mg/L	0.034650	0.2	746557	16.2819 mg/L	Y 371.029
Li 610.365	0.002371	mg/L	0.000010	0.4	38.8226	0.002371 mg/L	Y 371.029
Li 670.783	0.000353	mg/L	0.000048	13.6	55226.7	0.000353 mg/L	Y 371.029
Mg 279.078	0.110115	mg/L	0.000682	0.6	148.275	0.110115 mg/L	Y 371.029
Mg 280.270	0.098718	mg/L	0.002729	2.8	9690.18	0.098718 mg/L	Y 371.029
Mg 285.213	0.099982	mg/L	0.000574	0.6	3178.36	0.099982 mg/L	Y 371.029
Mn 257.610	0.000577	mg/L	0.000199	34.4	1205.43	0.000577 mg/L	Y 371.029
Mn 259.372	0.006735	mg/L	0.000261	3.9	924.197	0.006735 mg/L	Y 371.029
Mn 260.568	0.006689	mg/L	0.000240	3.6	156.380	0.006689 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000342	1.4	34.2737	uncal mg/L	Y 371.029
Mo 203.846	-0.026134	mg/L	0.000470	1.8	13.6177	-0.026134 mg/L	Y 371.029
Mo 204.598	-0.026433	mg/L	0.000295	1.1	11.6403	-0.026433 mg/L	Y 371.029
Na 568.821	44.2021	mg/L	0.112434	0.3	11753.9	44.2021 mg/L	Y 371.029
Na 588.995	42.9510	mg/L	0.169174	0.4	18559266	42.9510 mg/L	Y 371.029
Na 589.592	48.8587	mg/L	0.187675	0.4	10956393	48.8587 mg/L	Y 371.029
Ni 216.555	0.000161	mg/L	0.000220	136.3	5.56545	0.000161 mg/L	Y 371.029
Ni 221.648	0.001012	mg/L	0.001123	110.9	6.48511	0.001012 mg/L	Y 371.029
Ni 231.604	0.000258	mg/L	0.000561	217.6	10.3023	0.000258 mg/L	Y 371.029
P 177.434	0.011219	mg/L	0.001312	11.7	0.848125	0.011219 mg/L	Y 371.029
P 213.618	0.020353	mg/L	0.003366	16.5	12.8515	0.020353 mg/L	Y 371.029
P 214.914	0.033635	mg/L	0.004560	13.6	5.16801	0.033635 mg/L	Y 371.029
Pb 220.353	-0.002892uv	mg/L	0.000193	6.7	2.52080	-0.002892 mg/L	Y 371.029
Pb 261.417	-0.005854uv	mg/L	0.005403	92.3	7.81198	-0.005854 mg/L	Y 371.029
Pb 405.781	-0.027802uv	mg/L	0.011708	42.1	73.5740	-0.027802 mg/L	Y 371.029
Sb 206.834	-0.009936uv	mg/L	0.000919	9.2	5.75209	-0.009936 mg/L	Y 371.029
Sb 231.146	-0.022432uv	mg/L	0.004002	17.8	3.93960	-0.022432 mg/L	Y 371.029
Sb 259.804	-0.037828uv	mg/L	0.015326	40.5	6.67488	-0.037828 mg/L	Y 371.029
Se 196.026	0.002488	mg/L	0.007355	295.6	5.66380	0.002488 mg/L	Y 371.029
Se 203.985	0.014176uv	mg/L	0.008365	59.0	2.60113	0.014176 mg/L	Y 371.029
Si 250.690	7.78333	mg/L	0.164980	2.1	9246.97	7.78333 mg/L	Y 371.029
Si 251.611	7.52729	mg/L	0.171102	2.3	10596.8	7.52729 mg/L	Y 371.029
Si 288.158	8.00944	mg/L	0.188658	2.4	53537.9	8.00944 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.000748uv	mg/L	0.002784	372.1	1.83926	0.000748 mg/L	Y 371.029
Sn 283.998	-0.003901uv	mg/L	0.004090	104.9	9.56657	-0.003901 mg/L	Y 371.029
Sr 216.596	0.197437	mg/L	0.001743	0.9	1560.85	0.197437 mg/L	Y 371.029
Sr 407.771	0.195257	mg/L	0.000470	0.2	501361	0.195257 mg/L	Y 371.029
Sr 421.552	0.198509	mg/L	0.000376	0.2	316330	0.198509 mg/L	Y 371.029
Ti 334.941	-0.000668uv	mg/L	0.000055	8.3	98.8834	-0.000668 mg/L	Y 371.029
Ti 336.122	-0.000179	mg/L	0.000088	49.3	26.2613	-0.000179 mg/L	Y 371.029
Ti 337.280	-0.000514	mg/L	0.000020	3.9	16.8392	-0.000514 mg/L	Y 371.029
Tl 190.794	-0.000054uv	mg/L	0.000190	350.5	1.23808	-0.000054 mg/L	Y 371.029
Tl 190.807	0.009228	mg/L	0.003982	43.1	1.83445	0.009228 mg/L	Y 371.029
Tl 351.923	0.009487	mg/L	0.002644	27.9	18.2444	0.009487 mg/L	Y 371.029
V 268.796	0.130205	mg/L	0.000126	0.1	1095.30	0.130205 mg/L	Y 371.029
V 292.401	0.144636	mg/L	0.000425	0.3	4627.42	0.144636 mg/L	Y 371.029
V 311.837	0.142164	mg/L	0.000221	0.2	6238.83	0.142164 mg/L	Y 371.029
Zn 202.548	0.025377	mg/L	0.002503	9.9	757.332	0.025377 mg/L	Y 371.029
Zn 206.200	0.022653	mg/L	0.002125	9.4	241.824	0.022653 mg/L	Y 371.029
Zn 213.857	0.024310	mg/L	0.002190	9.0	1515.29	0.024310 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12145	8992.63	22.914	0.3
Y 371.029	0.940109	155031	223.817	0.1

11J1391-16 (Samp) **11/4/2011, 2:43:44 PM** **Rack 3, Tube 35**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.002326b	mg/L	0.000085	3.7	333.318	-0.002326 mg/L	Y 371.029
Ag 338.289	-0.002517uvb	mg/L	0.001290	51.2	1.67595	-0.002517 mg/L	Y 371.029
Al 237.312	-0.001686b	mg/L	0.005362	318.1	76.0360	-0.001686 mg/L	Y 371.029
Al 257.509	0.018923b	mg/L	0.005823	30.8	29.7474	0.018923 mg/L	Y 371.029
Al 308.215	0.065746b	mg/L	0.002044	3.1	721.476	0.065746 mg/L	Y 371.029
As 188.980	0.005572uvb	mg/L	0.005471	98.2	4.68938	0.005572 mg/L	Y 371.029
As 193.696	0.001847uvb	mg/L	0.000264	14.3	2.30611	0.001847 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.382837	13.0	2482.55	uncal mg/L	Y 371.029
B 182.577	0.171947b	mg/L	0.005176	3.0	82.2690	0.171947 mg/L	Y 371.029
B 249.678	0.157092b	mg/L	0.004295	2.7	1335.07	0.157092 mg/L	Y 371.029
B 249.772	0.155554b	mg/L	0.005266	3.4	2815.15	0.155554 mg/L	Y 371.029
Ba 233.527	0.032220b	mg/L	0.000785	2.4	1301.47	0.032220 mg/L	Y 371.029
Ba 455.403	0.030836b	mg/L	0.000672	2.2	35052.2	0.030836 mg/L	Y 371.029
Ba 493.408	0.031312b	mg/L	0.000672	2.1	20815.6	0.031312 mg/L	Y 371.029
Be 234.861	0.000023b	mg/L	0.000012	53.7	0.955590	0.000023 mg/L	Y 371.029
Be 313.042	-0.000322uvb	mg/L	0.000012	3.7	1331.86	-0.000322 mg/L	Y 371.029
Be 313.107	0.000074b	mg/L	0.000018	24.7	61.3889	0.000074 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.432961	1.4	39294200	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.275768	1.5	37740044	- mg/L	Y 371.029
Ca 430.253	95.5072b	mg/L	2.16421	2.3	354179	95.5072 mg/L	Y 371.029
Cd 214.439	1.69033b	mg/L	0.103055	6.1	27226.8	1.69033 mg/L	Y 371.029
Cd 226.502	1.65733b	mg/L	0.042159	2.5	49169.7	1.65733 mg/L	Y 371.029
Cd 228.802	1.65069b	mg/L	0.100237	6.1	21785.9	1.65069 mg/L	Y 371.029
Co 228.615	0.003600b	mg/L	0.000296	8.2	25.4174	0.003600 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.003512b	mg/L	0.000223	6.3	26.4818	0.003512 mg/L	Y 371.029
Co 238.892	0.002767b	mg/L	0.000154	5.6	20.6410	0.002767 mg/L	Y 371.029
Cr 205.560	-0.001665b	mg/L	0.000311	18.7	3.42786	-0.001665 mg/L	Y 371.029
Cr 206.158	-0.004504b	mg/L	0.001923	42.7	11.3777	-0.004504 mg/L	Y 371.029
Cr 267.716	-0.000899uvb	mg/L	0.000189	21.1	16.7869	-0.000899 mg/L	Y 371.029
Cu 213.598	0.000365b	mg/L	0.000719	197.2	6.55393	0.000365 mg/L	Y 371.029
Cu 324.754	0.006708uvb	mg/L	0.000176	2.6	426.685	0.006708 mg/L	Y 371.029
Cu 327.395	0.000915b	mg/L	0.000159	17.3	81.7365	0.000915 mg/L	Y 371.029
Fe 234.350	0.212087b	mg/L	0.008878	4.2	1909.02	0.212087 mg/L	Y 371.029
Fe 238.204	0.203249b	mg/L	0.007305	3.6	4096.45	0.203249 mg/L	Y 371.029
Fe 259.940	0.200966b	mg/L	0.006659	3.3	3372.05	0.200966 mg/L	Y 371.029
Ga 287.423	-0.004361uvb	mg/L	0.000343	7.9	10.0722	-0.004361 mg/L	Y 371.029
Ga 294.363	0.000382uvb	mg/L	0.001109	290.6	9.10728	0.000382 mg/L	Y 371.029
Ga 417.204	0.002178uvb	mg/L	0.001187	54.5	40.8228	0.002178 mg/L	Y 371.029
K 766.491	8.54331b	mg/L	0.141682	1.7	470802	8.54331 mg/L	Y 371.029
K 769.897	8.30076b	mg/L	0.139715	1.7	384871	8.30076 mg/L	Y 371.029
Li 610.365	0.003476b	mg/L	0.000355	10.2	83.6259	0.003476 mg/L	Y 371.029
Li 670.783	0.007739b	mg/L	0.000355	4.6	75795.9	0.007739 mg/L	Y 371.029
Mg 279.078	6.49627b	mg/L	0.151388	2.3	8536.82	6.49627 mg/L	Y 371.029
Mg 280.270	6.46376b	mg/L	0.128181	2.0	587508	6.46376 mg/L	Y 371.029
Mg 285.213	6.67782b	mg/L	0.089107	1.3	200737	6.67782 mg/L	Y 371.029
Mn 257.610	0.400722b	mg/L	0.016507	4.1	54108.7	0.400722 mg/L	Y 371.029
Mn 259.372	0.396447b	mg/L	0.015812	4.0	39684.4	0.396447 mg/L	Y 371.029
Mn 260.568	0.384829b	mg/L	0.008765	2.3	6975.07	0.384829 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000287	3.4	17.3377	uncal mg/L	Y 371.029
Mo 203.846	-0.009118uvb	mg/L	0.001594	17.5	7.68219	-0.009118 mg/L	Y 371.029
Mo 204.598	-0.009469uvb	mg/L	0.000852	9.0	3.74624	-0.009469 mg/L	Y 371.029
Na 568.821	11.5956b	mg/L	0.214260	1.8	3133.74	11.5956 mg/L	Y 371.029
Na 588.995	13.1608b	mg/L	0.289277	2.2	5868407	13.1608 mg/L	Y 371.029
Na 589.592	14.1753b	mg/L	0.311631	2.2	3308506	14.1753 mg/L	Y 371.029
Ni 216.555	0.003393b	mg/L	0.000973	28.7	21.9962	0.003393 mg/L	Y 371.029
Ni 221.648	0.001888b	mg/L	0.000699	37.0	9.61635	0.001888 mg/L	Y 371.029
Ni 231.604	0.003938b	mg/L	0.000028	0.7	24.6439	0.003938 mg/L	Y 371.029
P 177.434	0.053722b	mg/L	0.015881	29.6	2.47603	0.053722 mg/L	Y 371.029
P 213.618	0.047222b	mg/L	0.005885	12.5	31.0968	0.047222 mg/L	Y 371.029
P 214.914	0.075672b	mg/L	0.007146	9.4	10.7727	0.075672 mg/L	Y 371.029
Pb 220.353	0.000119b	mg/L	0.001223	1026.0	6.62086	0.000119 mg/L	Y 371.029
Pb 261.417	0.006730b	mg/L	0.002915	43.3	8.87533	0.006730 mg/L	Y 371.029
Pb 405.781	-0.026209uvb	mg/L	0.010999	42.0	80.3532	-0.026209 mg/L	Y 371.029
Sb 206.834	-0.017646uvb	mg/L	0.000651	3.7	5.84740	-0.017646 mg/L	Y 371.029
Sb 231.146	-0.026110uvb	mg/L	0.003727	14.3	4.67110	-0.026110 mg/L	Y 371.029
Sb 259.804	-0.054297uvb	mg/L	0.012647	23.3	8.29028	-0.054297 mg/L	Y 371.029
Se 196.026	0.004490b	mg/L	0.005533	123.2	7.09811	0.004490 mg/L	Y 371.029
Se 203.985	0.023646uvb	mg/L	0.010896	46.1	2.83027	0.023646 mg/L	Y 371.029
Si 250.690	4.54835b	mg/L	0.137872	3.0	5460.13	4.54835 mg/L	Y 371.029
Si 251.611	4.32063b	mg/L	0.125027	2.9	6241.72	4.32063 mg/L	Y 371.029
Si 288.158	4.58616b	mg/L	0.081643	1.8	31554.9	4.58616 mg/L	Y 371.029
Sn 189.927	0.004887b	mg/L	0.002586	52.9	2.22189	0.004887 mg/L	Y 371.029
Sn 283.998	-0.011553uvb	mg/L	0.003703	32.1	10.9231	-0.011553 mg/L	Y 371.029
Sr 216.596	0.280960b	mg/L	0.004480	1.6	2223.85	0.280960 mg/L	Y 371.029
Sr 407.771	0.269554b	mg/L	0.007165	2.7	691138	0.269554 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.280013b	mg/L	0.004353	1.6	445497	0.280013 mg/L	Y 371.029
Ti 334.941	-0.002180uvb	mg/L	0.000192	8.8	131.553	-0.002180 mg/L	Y 371.029
Ti 336.122	-0.001751uvb	mg/L	0.000160	9.2	14.4434	-0.001751 mg/L	Y 371.029
Ti 337.280	-0.001914uvb	mg/L	0.000267	14.0	12.7966	-0.001914 mg/L	Y 371.029
Tl 190.794	-0.005890uvb	mg/L	0.000862	14.6	1.09013	-0.005890 mg/L	Y 371.029
Tl 190.807	0.006301uvb	mg/L	0.005651	89.7	1.09998	0.006301 mg/L	Y 371.029
Tl 351.923	0.001162b	mg/L	0.002329	200.4	13.7258	0.001162 mg/L	Y 371.029
V 268.796	0.000865b	mg/L	0.000403	46.6	39.9086	0.000865 mg/L	Y 371.029
V 292.401	0.000555b	mg/L	0.000127	22.9	78.8984	0.000555 mg/L	Y 371.029
V 311.837	0.001328b	mg/L	0.000271	20.4	57.7873	0.001328 mg/L	Y 371.029
Zn 202.548	13.8227b	mg/L	0.793671	5.7	99662.0	13.8227 mg/L	Y 371.029
Zn 206.200	14.6534b	mg/L	0.817655	5.6	34327.5	14.6534 mg/L	Y 371.029
Zn 213.857	13.6208b	mg/L	0.846143	6.2	201689	13.6208 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13679	9115.68	111.606	1.2
Y 371.029	0.955306	157537	2061.389	1.3

11J1391-17 (Samp) **11/4/2011, 2:47:38 PM** **Rack 3, Tube 36**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001350b	mg/L	0.000231	17.1	352.700	0.001350 mg/L	Y 371.029
Ag 338.289	-0.029585b	mg/L	0.000639	2.2	5.07790	-0.029585 mg/L	Y 371.029
Al 237.312	0.396772b	mg/L	0.004334	1.1	638.395	0.396772 mg/L	Y 371.029
Al 257.509	0.218679b	mg/L	0.003828	1.8	259.069	0.218679 mg/L	Y 371.029
Al 308.215	0.944942b	mg/L	0.002290	0.2	2891.01	0.944942 mg/L	Y 371.029
As 188.980	0.053357b	mg/L	0.002407	4.5	6.09404	0.053357 mg/L	Y 371.029
As 193.696	0.040133uvb	mg/L	0.003836	9.6	1.48813	0.040133 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.267316	1.0	22056.7	uncal mg/L	Y 371.029
B 182.577	0.250259b	mg/L	0.002557	1.0	133.981	0.250259 mg/L	Y 371.029
B 249.678	0.156364b	mg/L	0.002885	1.8	1586.96	0.156364 mg/L	Y 371.029
B 249.772	0.195703b	mg/L	0.004704	2.4	3390.07	0.195703 mg/L	Y 371.029
Ba 233.527	0.012492b	mg/L	0.000050	0.4	653.916	0.012492 mg/L	Y 371.029
Ba 455.403	0.012672b	mg/L	0.000025	0.2	17515.9	0.012672 mg/L	Y 371.029
Ba 493.408	0.011821b	mg/L	0.000034	0.3	10510.5	0.011821 mg/L	Y 371.029
Be 234.861	0.000416b	mg/L	0.000017	4.1	80.0856	0.000416 mg/L	Y 371.029
Be 313.042	0.001530b	mg/L	0.000002	0.1	2855.71	0.001530 mg/L	Y 371.029
Be 313.107	0.001334b	mg/L	0.000002	0.2	722.284	0.001334 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.441585	1.4	41081508	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.251394	1.3	39578868	- mg/L	Y 371.029
Ca 430.253	118.739b	mg/L	0.689578	0.6	443755	118.739 mg/L	Y 371.029
Cd 214.439	14.6681b	mg/L	0.210652	1.4	236274	14.6681 mg/L	Y 371.029
Cd 226.502	15.0752b	mg/L	0.044864	0.3	447294	15.0752 mg/L	Y 371.029
Cd 228.802	14.7291b	mg/L	0.039173	0.3	194333	14.7291 mg/L	Y 371.029
Co 228.615	0.052101b	mg/L	0.000782	1.5	375.077	0.052101 mg/L	Y 371.029
Co 230.786	0.043048b	mg/L	0.000210	0.5	257.347	0.043048 mg/L	Y 371.029
Co 238.892	0.036033b	mg/L	0.000432	1.2	227.810	0.036033 mg/L	Y 371.029
Cr 205.560	-0.019504b	mg/L	0.000225	1.2	4.26397	-0.019504 mg/L	Y 371.029
Cr 206.158	-0.163578b	mg/L	0.016740	10.2	45.5110	-0.163578 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	-0.006269b	mg/L	0.000150	2.4	18.5808	-0.006269 mg/L	Y 371.029
Cu 213.598	0.009228b	mg/L	0.000590	6.4	85.9518	0.009228 mg/L	Y 371.029
Cu 324.754	0.106129b	mg/L	0.000094	0.1	1170.56	0.106129 mg/L	Y 371.029
Cu 327.395	0.023499b	mg/L	0.000104	0.4	1028.14	0.023499 mg/L	Y 371.029
Fe 234.350	0.100183b	mg/L	0.004229	4.2	4852.22	0.100183 mg/L	Y 371.029
Fe 238.204	0.012526b	mg/L	0.009921	79.2	10238.5	0.012526 mg/L	Y 371.029
Fe 259.940	0.023593b	mg/L	0.005106	21.6	8535.33	0.023593 mg/L	Y 371.029
Ga 287.423	-0.041477uvb	mg/L	0.001078	2.6	10.6190	-0.041477 mg/L	Y 371.029
Ga 294.363	-0.024594uvb	mg/L	0.001280	5.2	15.2249	-0.024594 mg/L	Y 371.029
Ga 417.204	-0.014771uvb	mg/L	0.000902	6.1	43.0394	-0.014771 mg/L	Y 371.029
K 766.491	14.8741b	mg/L	0.071072	0.5	822469	14.8741 mg/L	Y 371.029
K 769.897	14.8290b	mg/L	0.073933	0.5	678089	14.8290 mg/L	Y 371.029
Li 610.365	0.004048b	mg/L	0.000197	4.9	106.843	0.004048 mg/L	Y 371.029
Li 670.783	0.001401b	mg/L	0.000017	1.2	86502.2	0.001401 mg/L	Y 371.029
Mg 279.078	18.2256b	mg/L	0.018608	0.1	23925.4	18.2256 mg/L	Y 371.029
Mg 280.270	17.0937b	mg/L	0.069741	0.4	1559573	17.0937 mg/L	Y 371.029
Mg 285.213	18.7397b	mg/L	0.185766	1.0	565282	18.7397 mg/L	Y 371.029
Mn 257.610	3.47032b	mg/L	0.010346	0.3	468454	3.47032 mg/L	Y 371.029
Mn 259.372	3.44808b	mg/L	0.004967	0.1	344528	3.44808 mg/L	Y 371.029
Mn 260.568	3.41210b	mg/L	0.022236	0.7	61707.6	3.41210 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000632	2.0	24.6263	uncal mg/L	Y 371.029
Mo 203.846	0.033120uvb	mg/L	0.000830	2.5	7.75287	0.033120 mg/L	Y 371.029
Mo 204.598	0.034500uvb	mg/L	0.000737	2.1	3.33760	0.034500 mg/L	Y 371.029
Na 568.821	45.3458b	mg/L	0.105062	0.2	12956.5	45.3458 mg/L	Y 371.029
Na 588.995	46.1454b	mg/L	0.181655	0.4	19992996	46.1454 mg/L	Y 371.029
Na 589.592	52.4392b	mg/L	0.231237	0.4	11834425	52.4392 mg/L	Y 371.029
Ni 216.555	0.082418b	mg/L	0.000583	0.7	380.614	0.082418 mg/L	Y 371.029
Ni 221.648	0.064667b	mg/L	0.001324	2.0	150.136	0.064667 mg/L	Y 371.029
Ni 231.604	0.078400b	mg/L	0.000649	0.8	263.147	0.078400 mg/L	Y 371.029
P 177.434	0.056217uvb	mg/L	0.012020	21.4	0.612982	0.056217 mg/L	Y 371.029
P 213.618	-0.166679b	mg/L	0.004373	2.6	9.38871	-0.166679 mg/L	Y 371.029
P 214.914	0.131904b	mg/L	0.007864	6.0	2.25538	0.131904 mg/L	Y 371.029
Pb 220.353	-0.021455uvb	mg/L	0.002643	12.3	3.96149	-0.021455 mg/L	Y 371.029
Pb 261.417	0.040223uvb	mg/L	0.002950	7.3	7.01860	0.040223 mg/L	Y 371.029
Pb 405.781	0.048517b	mg/L	0.005877	12.1	110.434	0.048517 mg/L	Y 371.029
Sb 206.834	-0.118651b	mg/L	0.007353	6.2	19.2232	-0.118651 mg/L	Y 371.029
Sb 231.146	0.090753uvb	mg/L	0.002469	2.7	4.52384	0.090753 mg/L	Y 371.029
Sb 259.804	-0.181524uvb	mg/L	0.007785	4.3	4.78083	-0.181524 mg/L	Y 371.029
Se 196.026	0.017533b	mg/L	0.005387	30.7	7.26083	0.017533 mg/L	Y 371.029
Se 203.985	0.113082b	mg/L	0.003689	3.3	4.05513	0.113082 mg/L	Y 371.029
Si 250.690	12.0398b	mg/L	0.101577	0.8	14265.7	12.0398 mg/L	Y 371.029
Si 251.611	11.5759b	mg/L	0.093750	0.8	16392.1	11.5759 mg/L	Y 371.029
Si 288.158	12.4287b	mg/L	0.166638	1.3	80941.4	12.4287 mg/L	Y 371.029
Sn 189.927	0.015734uvb	mg/L	0.001183	7.5	1.29182	0.015734 mg/L	Y 371.029
Sn 283.998	-0.082422uvb	mg/L	0.001713	2.1	8.13273	-0.082422 mg/L	Y 371.029
Sr 216.596	0.422192b	mg/L	0.001813	0.4	3397.61	0.422192 mg/L	Y 371.029
Sr 407.771	0.415193b	mg/L	0.001074	0.3	1060255	0.415193 mg/L	Y 371.029
Sr 421.552	0.424438b	mg/L	0.001769	0.4	673322	0.424438 mg/L	Y 371.029
Ti 334.941	-0.032012b	mg/L	0.000190	0.6	647.896	-0.032012 mg/L	Y 371.029
Ti 336.122	-0.029632b	mg/L	0.000366	1.2	227.812	-0.029632 mg/L	Y 371.029
Ti 337.280	-0.020941b	mg/L	0.000355	1.7	121.026	-0.020941 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	-0.095156uvb	mg/L	0.005741	6.0	2.60981	-0.095156 mg/L	Y 371.029
Tl 190.807	-0.020569b	mg/L	0.006133	29.8	2.77947	-0.020569 mg/L	Y 371.029
Tl 351.923	-0.033224b	mg/L	0.002404	7.2	17.3922	-0.033224 mg/L	Y 371.029
V 268.796	-0.000590b	mg/L	0.000586	99.4	29.4874	-0.000590 mg/L	Y 371.029
V 292.401	-0.019454b	mg/L	0.000190	1.0	29.5474	-0.019454 mg/L	Y 371.029
V 311.837	0.003500b	mg/L	0.000039	1.1	8.59548	0.003500 mg/L	Y 371.029
Zn 202.548	-xb	mg/L	1.60446	0.9	1353198	- mg/L	Y 371.029
Zn 206.200	-xb	mg/L	0.677956	0.3	605077	- mg/L	Y 371.029
Zn 213.857	-xb	mg/L	0.553323	0.4	1966624	- mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.08751	8720.48	38.156	0.4
Y 371.029	0.919302	151599	580.067	0.4

1145200-DUP1 (Samp) **11/4/2011, 2:51:37 PM** **Rack 3, Tube 37**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001395b	mg/L	0.000257	18.4	358.193	0.001395 mg/L	Y 371.029
Ag 338.289	-0.028684b	mg/L	0.000259	0.9	8.00526	-0.028684 mg/L	Y 371.029
Al 237.312	0.446854b	mg/L	0.001717	0.4	705.614	0.446854 mg/L	Y 371.029
Al 257.509	0.272269b	mg/L	0.007362	2.7	290.121	0.272269 mg/L	Y 371.029
Al 308.215	0.999755b	mg/L	0.002424	0.2	3173.79	0.999755 mg/L	Y 371.029
As 188.980	0.051906uvb	mg/L	0.005414	10.4	5.64975	0.051906 mg/L	Y 371.029
As 193.696	0.044068uvb	mg/L	0.005214	11.8	2.80122	0.044068 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.899576	6.5	17046.2	uncal mg/L	Y 371.029
B 182.577	0.249762b	mg/L	0.002828	1.1	133.843	0.249762 mg/L	Y 371.029
B 249.678	0.159858b	mg/L	0.001889	1.2	1615.20	0.159858 mg/L	Y 371.029
B 249.772	0.198425b	mg/L	0.002021	1.0	3437.98	0.198425 mg/L	Y 371.029
Ba 233.527	0.012927b	mg/L	0.000279	2.2	669.408	0.012927 mg/L	Y 371.029
Ba 455.403	0.013002b	mg/L	0.000081	0.6	17852.1	0.013002 mg/L	Y 371.029
Ba 493.408	0.012117b	mg/L	0.000042	0.3	10687.6	0.012117 mg/L	Y 371.029
Be 234.861	0.000410b	mg/L	0.000004	1.0	79.5422	0.000410 mg/L	Y 371.029
Be 313.042	0.001531b	mg/L	0.000007	0.4	2854.42	0.001531 mg/L	Y 371.029
Be 313.107	0.001340b	mg/L	0.000008	0.6	726.780	0.001340 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.158479	0.5	40585476	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.128000	0.7	39310176	- mg/L	Y 371.029
Ca 430.253	120.368b	mg/L	0.218843	0.2	449787	120.368 mg/L	Y 371.029
Cd 214.439	14.7752b	mg/L	0.143788	1.0	237998	14.7752 mg/L	Y 371.029
Cd 226.502	15.2696b	mg/L	0.003417	0.0	453056	15.2696 mg/L	Y 371.029
Cd 228.802	15.0294b	mg/L	0.311774	2.1	198294	15.0294 mg/L	Y 371.029
Co 228.615	0.052495b	mg/L	0.001318	2.5	378.329	0.052495 mg/L	Y 371.029
Co 230.786	0.043563b	mg/L	0.000366	0.8	260.157	0.043563 mg/L	Y 371.029
Co 238.892	0.036627b	mg/L	0.000731	2.0	231.095	0.036627 mg/L	Y 371.029
Cr 205.560	-0.019837uvb	mg/L	0.000547	2.8	3.38668	-0.019837 mg/L	Y 371.029
Cr 206.158	-0.147134b	mg/L	0.008822	6.0	70.6603	-0.147134 mg/L	Y 371.029
Cr 267.716	-0.006145b	mg/L	0.000146	2.4	21.8451	-0.006145 mg/L	Y 371.029
Cu 213.598	0.009618b	mg/L	0.000497	5.2	87.3259	0.009618 mg/L	Y 371.029
Cu 324.754	0.106442b	mg/L	0.000126	0.1	1174.81	0.106442 mg/L	Y 371.029
Cu 327.395	0.023865b	mg/L	0.000184	0.8	1044.60	0.023865 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.121179b	mg/L	0.001206	1.0	5013.86	0.121179 mg/L	Y 371.029
Fe 238.204	0.043500b	mg/L	0.001318	3.0	10756.0	0.043500 mg/L	Y 371.029
Fe 259.940	0.044535b	mg/L	0.004345	9.8	8832.19	0.044535 mg/L	Y 371.029
Ga 287.423	-0.039680uvb	mg/L	0.003397	8.6	15.1472	-0.039680 mg/L	Y 371.029
Ga 294.363	-0.023402b	mg/L	0.001226	5.2	22.2428	-0.023402 mg/L	Y 371.029
Ga 417.204	-0.015562uvb	mg/L	0.001311	8.4	37.2269	-0.015562 mg/L	Y 371.029
K 766.491	15.1075b	mg/L	0.064133	0.4	835276	15.1075 mg/L	Y 371.029
K 769.897	15.0820b	mg/L	0.070838	0.5	689566	15.0820 mg/L	Y 371.029
Li 610.365	0.004288b	mg/L	0.000218	5.1	116.559	0.004288 mg/L	Y 371.029
Li 670.783	0.001457b	mg/L	0.000038	2.6	86753.0	0.001457 mg/L	Y 371.029
Mg 279.078	18.4103b	mg/L	0.004389	0.0	24168.0	18.4103 mg/L	Y 371.029
Mg 280.270	17.1983b	mg/L	0.090244	0.5	1569075	17.1983 mg/L	Y 371.029
Mg 285.213	18.8998b	mg/L	0.298265	1.6	570091	18.8998 mg/L	Y 371.029
Mn 257.610	3.55339b	mg/L	0.031560	0.9	479682	3.55339 mg/L	Y 371.029
Mn 259.372	3.53406b	mg/L	0.031190	0.9	353091	3.53406 mg/L	Y 371.029
Mn 260.568	3.44247b	mg/L	0.022187	0.6	62255.9	3.44247 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000530	1.6	27.6320	uncal mg/L	Y 371.029
Mo 203.846	0.033924uvb	mg/L	0.002340	6.9	9.22084	0.033924 mg/L	Y 371.029
Mo 204.598	0.032939uvb	mg/L	0.000311	0.9	1.67326	0.032939 mg/L	Y 371.029
Na 568.821	45.9499b	mg/L	0.081429	0.2	13120.8	45.9499 mg/L	Y 371.029
Na 588.995	46.5865b	mg/L	0.049734	0.1	20181298	46.5865 mg/L	Y 371.029
Na 589.592	53.0322b	mg/L	0.039656	0.1	11965443	53.0322 mg/L	Y 371.029
Ni 216.555	0.085185b	mg/L	0.001031	1.2	393.240	0.085185 mg/L	Y 371.029
Ni 221.648	0.063261b	mg/L	0.000441	0.7	147.669	0.063261 mg/L	Y 371.029
Ni 231.604	0.079640b	mg/L	0.000741	0.9	266.987	0.079640 mg/L	Y 371.029
P 177.434	0.047263uvb	mg/L	0.003872	8.2	0.241699	0.047263 mg/L	Y 371.029
P 213.618	-0.170408b	mg/L	0.007786	4.6	7.66868	-0.170408 mg/L	Y 371.029
P 214.914	0.135775b	mg/L	0.013501	9.9	2.81084	0.135775 mg/L	Y 371.029
Pb 220.353	-0.022652uvb	mg/L	0.001812	8.0	2.72883	-0.022652 mg/L	Y 371.029
Pb 261.417	0.040677uvb	mg/L	0.009014	22.2	7.30617	0.040677 mg/L	Y 371.029
Pb 405.781	0.047607b	mg/L	0.007828	16.4	109.834	0.047607 mg/L	Y 371.029
Sb 206.834	-0.117105b	mg/L	0.003532	3.0	20.4063	-0.117105 mg/L	Y 371.029
Sb 231.146	0.088990uvb	mg/L	0.000324	0.4	4.13756	0.088990 mg/L	Y 371.029
Sb 259.804	-0.185283uvb	mg/L	0.003517	1.9	3.42787	-0.185283 mg/L	Y 371.029
Se 196.026	0.018238b	mg/L	0.005098	28.0	7.49919	0.018238 mg/L	Y 371.029
Se 203.985	0.111676b	mg/L	0.003630	3.3	4.03006	0.111676 mg/L	Y 371.029
Si 250.690	12.2246b	mg/L	0.024268	0.2	14481.7	12.2246 mg/L	Y 371.029
Si 251.611	11.7643b	mg/L	0.009914	0.1	16653.8	11.7643 mg/L	Y 371.029
Si 288.158	12.6572b	mg/L	0.121160	1.0	82425.0	12.6572 mg/L	Y 371.029
Sn 189.927	0.016081uvb	mg/L	0.001899	11.8	1.35658	0.016081 mg/L	Y 371.029
Sn 283.998	-0.096705uvb	mg/L	0.001442	1.5	4.48205	-0.096705 mg/L	Y 371.029
Sr 216.596	0.424948b	mg/L	0.003002	0.7	3419.83	0.424948 mg/L	Y 371.029
Sr 407.771	0.417042b	mg/L	0.002927	0.7	1065016	0.417042 mg/L	Y 371.029
Sr 421.552	0.428160b	mg/L	0.000373	0.1	679214	0.428160 mg/L	Y 371.029
Ti 334.941	-0.029936b	mg/L	0.000613	2.0	1049.64	-0.029936 mg/L	Y 371.029
Ti 336.122	-0.028158b	mg/L	0.000726	2.6	350.275	-0.028158 mg/L	Y 371.029
Ti 337.280	-0.018259b	mg/L	0.001415	7.7	200.547	-0.018259 mg/L	Y 371.029
Tl 190.794	-0.094473uvb	mg/L	0.004938	5.2	2.86519	-0.094473 mg/L	Y 371.029
Tl 190.807	-0.025304b	mg/L	0.006403	25.3	1.97703	-0.025304 mg/L	Y 371.029
Tl 351.923	-0.037484uvb	mg/L	0.004855	13.0	12.1969	-0.037484 mg/L	Y 371.029
V 268.796	-0.000626b	mg/L	0.000206	32.9	30.7465	-0.000626 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	-0.019253b	mg/L	0.000198	1.0	36.7043	-0.019253 mg/L	Y 371.029
V 311.837	0.003538b	mg/L	0.000033	0.9	11.0288	0.003538 mg/L	Y 371.029
Zn 202.548	-xb	mg/L	1.22335	0.6	1364112	- mg/L	Y 371.029
Zn 206.200	-xb	mg/L	3.79661	1.5	605392	- mg/L	Y 371.029
Zn 213.857	-xb	mg/L	1.05087	0.8	1964889	- mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.09680	8794.98	50.556	0.6
Y 371.029	0.925696	152654	803.782	0.5

1145200-MS1 (Samp) **11/4/2011, 2:55:34 PM** **Rack 3, Tube 38**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.523710b	mg/L	0.003945	0.8	24120.1	0.523710 mg/L	Y 371.029
Ag 338.289	0.484691b	mg/L	0.005783	1.2	1454.93	0.484691 mg/L	Y 371.029
Al 237.312	5.63191b	mg/L	0.041473	0.7	7636.05	5.63191 mg/L	Y 371.029
Al 257.509	5.38303b	mg/L	0.114971	2.1	3254.83	5.38303 mg/L	Y 371.029
Al 308.215	6.30418b	mg/L	0.048354	0.8	31360.2	6.30418 mg/L	Y 371.029
As 188.980	1.08486b	mg/L	0.002461	0.2	298.016	1.08486 mg/L	Y 371.029
As 193.696	1.08105b	mg/L	0.010060	0.9	341.884	1.08105 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.238195	0.8	24273.4	uncal mg/L	Y 371.029
B 182.577	1.24185b	mg/L	0.034480	2.8	557.223	1.24185 mg/L	Y 371.029
B 249.678	1.18856b	mg/L	0.030113	2.5	9611.91	1.18856 mg/L	Y 371.029
B 249.772	1.21301b	mg/L	0.031245	2.6	20694.9	1.21301 mg/L	Y 371.029
Ba 233.527	1.04863b	mg/L	0.009483	0.9	35432.2	1.04863 mg/L	Y 371.029
Ba 455.403	0.989006b	mg/L	0.007942	0.8	940214	0.989006 mg/L	Y 371.029
Ba 493.408	1.01446b	mg/L	0.007577	0.7	562659	1.01446 mg/L	Y 371.029
Be 234.861	1.04512b	mg/L	0.006947	0.7	104870	1.04512 mg/L	Y 371.029
Be 313.042	1.03235b	mg/L	0.009583	0.9	1597221	1.03235 mg/L	Y 371.029
Be 313.107	1.03682b	mg/L	0.009678	0.9	766513	1.03682 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.489174	1.6	40072588	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.300508	1.6	38762180	- mg/L	Y 371.029
Ca 430.253	126.922b	mg/L	0.800106	0.6	474064	126.922 mg/L	Y 371.029
Cd 214.439	15.5479b	mg/L	0.167016	1.1	250439	15.5479 mg/L	Y 371.029
Cd 226.502	16.2806b	mg/L	0.122374	0.8	483029	16.2806 mg/L	Y 371.029
Cd 228.802	15.8353b	mg/L	0.043605	0.3	208920	15.8353 mg/L	Y 371.029
Co 228.615	1.06926b	mg/L	0.008431	0.8	8718.14	1.06926 mg/L	Y 371.029
Co 230.786	1.07576b	mg/L	0.012870	1.2	5798.43	1.07576 mg/L	Y 371.029
Co 238.892	1.04231b	mg/L	0.008269	0.8	5336.40	1.04231 mg/L	Y 371.029
Cr 205.560	0.973833b	mg/L	0.016670	1.7	3633.53	0.973833 mg/L	Y 371.029
Cr 206.158	0.676593b	mg/L	0.075428	11.1	1320.23	0.676593 mg/L	Y 371.029
Cr 267.716	0.994060b	mg/L	0.008403	0.8	19007.8	0.994060 mg/L	Y 371.029
Cu 213.598	0.997989b	mg/L	0.023209	2.3	3179.52	0.997989 mg/L	Y 371.029
Cu 324.754	1.10099b	mg/L	0.011337	1.0	34901.6	1.10099 mg/L	Y 371.029
Cu 327.395	1.04178b	mg/L	0.010477	1.0	44941.7	1.04178 mg/L	Y 371.029
Fe 234.350	5.44169b	mg/L	0.050810	0.9	44431.8	5.44169 mg/L	Y 371.029
Fe 238.204	5.20354b	mg/L	0.041652	0.8	94316.8	5.20354 mg/L	Y 371.029
Fe 259.940	5.35666b	mg/L	0.051114	1.0	80992.9	5.35666 mg/L	Y 371.029
Ga 287.423	0.972057b	mg/L	0.008615	0.9	2318.03	0.972057 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	1.00474b	mg/L	0.010491	1.0	6032.83	1.00474 mg/L	Y 371.029
Ga 417.204	0.975332b	mg/L	0.010323	1.1	9098.38	0.975332 mg/L	Y 371.029
K 766.491	25.4389b	mg/L	0.196560	0.8	1401536	25.4389 mg/L	Y 371.029
K 769.897	26.0763b	mg/L	0.215835	0.8	1187597	26.0763 mg/L	Y 371.029
Li 610.365	1.03751b	mg/L	0.008627	0.8	42024.3	1.03751 mg/L	Y 371.029
Li 670.783	1.15244b	mg/L	0.012248	1.1	3004121	1.15244 mg/L	Y 371.029
Mg 279.078	28.9178b	mg/L	0.183678	0.6	37972.8	28.9178 mg/L	Y 371.029
Mg 280.270	26.0684b	mg/L	0.250481	1.0	2373559	26.0684 mg/L	Y 371.029
Mg 285.213	29.5056b	mg/L	0.323022	1.1	888371	29.5056 mg/L	Y 371.029
Mn 257.610	4.38883b	mg/L	0.055724	1.3	594291	4.38883 mg/L	Y 371.029
Mn 259.372	4.52427b	mg/L	0.025554	0.6	453042	4.52427 mg/L	Y 371.029
Mn 260.568	4.50168b	mg/L	0.037024	0.8	81395.7	4.50168 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.025429	2.6	3039.44	uncal mg/L	Y 371.029
Mo 203.846	1.01631b	mg/L	0.027134	2.7	1224.89	1.01631 mg/L	Y 371.029
Mo 204.598	1.00287b	mg/L	0.032403	3.2	1423.07	1.00287 mg/L	Y 371.029
Na 568.821	56.6182b	mg/L	0.375756	0.7	15985.1	56.6182 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.546263	1.0	23293842	- mg/L	Y 371.029
Na 589.592	63.4090b	mg/L	0.512203	0.8	14257383	63.4090 mg/L	Y 371.029
Ni 216.555	1.10700b	mg/L	0.013458	1.2	4947.69	1.10700 mg/L	Y 371.029
Ni 221.648	1.06150b	mg/L	0.006681	0.6	1955.47	1.06150 mg/L	Y 371.029
Ni 231.604	1.09088b	mg/L	0.010642	1.0	3302.46	1.09088 mg/L	Y 371.029
P 177.434	1.25970b	mg/L	0.017961	1.4	49.5511	1.25970 mg/L	Y 371.029
P 213.618	0.893633b	mg/L	0.022453	2.5	559.638	0.893633 mg/L	Y 371.029
P 214.914	1.15752b	mg/L	0.041781	3.6	168.002	1.15752 mg/L	Y 371.029
Pb 220.353	0.981117b	mg/L	0.007534	0.8	982.383	0.981117 mg/L	Y 371.029
Pb 261.417	0.812355b	mg/L	0.008787	1.1	388.360	0.812355 mg/L	Y 371.029
Pb 405.781	1.00753b	mg/L	0.012467	1.2	1378.05	1.00753 mg/L	Y 371.029
Sb 206.834	0.962079b	mg/L	0.003122	0.3	637.459	0.962079 mg/L	Y 371.029
Sb 231.146	1.19246b	mg/L	0.011723	1.0	523.775	1.19246 mg/L	Y 371.029
Sb 259.804	0.681460b	mg/L	0.010785	1.6	337.043	0.681460 mg/L	Y 371.029
Se 196.026	1.04676b	mg/L	0.036046	3.4	238.550	1.04676 mg/L	Y 371.029
Se 203.985	1.16758b	mg/L	0.060716	5.2	155.541	1.16758 mg/L	Y 371.029
Si 250.690	13.2609b	mg/L	0.100314	0.8	15710.0	13.2609 mg/L	Y 371.029
Si 251.611	12.7784b	mg/L	0.092649	0.7	18081.6	12.7784 mg/L	Y 371.029
Si 288.158	13.6386b	mg/L	0.213137	1.6	88821.8	13.6386 mg/L	Y 371.029
Sn 189.927	1.04405b	mg/L	0.012647	1.2	214.198	1.04405 mg/L	Y 371.029
Sn 283.998	1.09636b	mg/L	0.010253	0.9	2265.74	1.09636 mg/L	Y 371.029
Sr 216.596	1.45701b	mg/L	0.015883	1.1	11444.3	1.45701 mg/L	Y 371.029
Sr 407.771	1.44005b	mg/L	0.016468	1.1	3644536	1.44005 mg/L	Y 371.029
Sr 421.552	1.47294b	mg/L	0.013754	0.9	2315310	1.47294 mg/L	Y 371.029
Ti 334.941	0.990730b	mg/L	0.008016	0.8	195338	0.990730 mg/L	Y 371.029
Ti 336.122	0.985724b	mg/L	0.007636	0.8	82792.8	0.985724 mg/L	Y 371.029
Ti 337.280	1.00069b	mg/L	0.008611	0.9	29992.4	1.00069 mg/L	Y 371.029
Tl 190.794	0.932114b	mg/L	0.011819	1.3	295.324	0.932114 mg/L	Y 371.029
Tl 190.807	0.945714b	mg/L	0.016288	1.7	156.632	0.945714 mg/L	Y 371.029
Tl 351.923	1.05163b	mg/L	0.014713	1.4	1282.01	1.05163 mg/L	Y 371.029
V 268.796	0.950189b	mg/L	0.010700	1.1	8449.01	0.950189 mg/L	Y 371.029
V 292.401	0.973695b	mg/L	0.008158	0.8	31596.8	0.973695 mg/L	Y 371.029
V 311.837	1.01274b	mg/L	0.008087	0.8	44211.8	1.01274 mg/L	Y 371.029
Zn 202.548	-xb	mg/L	1.14802	0.6	1339717	- mg/L	Y 371.029
Zn 206.200	-xb	mg/L	3.11910	1.2	596827	- mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	-xb	mg/L	0.715547	0.5	1923240	- mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.11230	8919.25	40.045	0.4
Y 371.029	0.945304	155887	887.244	0.6

SEQ-CCVA (Samp) **11/4/2011, 2:59:47 PM** **Rack 3, Tube 39**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.099797	mg/L	0.000492	0.5	4862.89	0.099797 mg/L	Y 371.029
Ag 338.289	0.098530	mg/L	0.001323	1.3	275.640	0.098530 mg/L	Y 371.029
Al 237.312	2.58556	mg/L	0.036919	1.4	3522.33	2.58556 mg/L	Y 371.029
Al 257.509	2.58934	mg/L	0.025930	1.0	1517.28	2.58934 mg/L	Y 371.029
Al 308.215	2.60331	mg/L	0.009131	0.4	14460.5	2.60331 mg/L	Y 371.029
As 188.980	0.529095	mg/L	0.004568	0.9	153.730	0.529095 mg/L	Y 371.029
As 193.696	0.526556	mg/L	0.004699	0.9	174.747	0.526556 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.028775	3.2	584.103	uncal mg/L	Y 371.029
B 182.577	0.521072	mg/L	0.005095	1.0	228.438	0.521072 mg/L	Y 371.029
B 249.678	0.537771	mg/L	0.005136	1.0	4249.22	0.537771 mg/L	Y 371.029
B 249.772	0.526653	mg/L	0.008253	1.6	9064.65	0.526653 mg/L	Y 371.029
Ba 233.527	0.524207	mg/L	0.003813	0.7	17759.7	0.524207 mg/L	Y 371.029
Ba 455.403	0.491136	mg/L	0.001365	0.3	468704	0.491136 mg/L	Y 371.029
Ba 493.408	0.513104	mg/L	0.001841	0.4	285319	0.513104 mg/L	Y 371.029
Be 234.861	0.523845	mg/L	0.006102	1.2	52552.0	0.523845 mg/L	Y 371.029
Be 313.042	0.521290	mg/L	0.007092	1.4	808130	0.521290 mg/L	Y 371.029
Be 313.107	0.523700	mg/L	0.006859	1.3	387321	0.523700 mg/L	Y 371.029
Ca 393.366	4.84442n	mg/L	0.014441	0.3	6271852	4.84442 mg/L	Y 371.029
Ca 396.847	4.63672	mg/L	0.014339	0.3	9249783	4.63672 mg/L	Y 371.029
Ca 430.253	4.94360	mg/L	0.023777	0.5	19126.3	4.94360 mg/L	Y 371.029
Cd 214.439	0.265386	mg/L	0.002183	0.8	4277.73	0.265386 mg/L	Y 371.029
Cd 226.502	0.266912	mg/L	0.000273	0.1	7929.91	0.266912 mg/L	Y 371.029
Cd 228.802	0.259898	mg/L	0.003687	1.4	3442.67	0.259898 mg/L	Y 371.029
Co 228.615	0.523577	mg/L	0.006061	1.2	4291.58	0.523577 mg/L	Y 371.029
Co 230.786	0.531855	mg/L	0.002691	0.5	2858.42	0.531855 mg/L	Y 371.029
Co 238.892	0.531158	mg/L	0.003484	0.7	2713.00	0.531158 mg/L	Y 371.029
Cr 205.560	0.521311	mg/L	0.006068	1.2	1905.64	0.521311 mg/L	Y 371.029
Cr 206.158	0.520096	mg/L	0.006607	1.3	793.004	0.520096 mg/L	Y 371.029
Cr 267.716	0.518993	mg/L	0.003271	0.6	9861.44	0.518993 mg/L	Y 371.029
Cu 213.598	0.533816	mg/L	0.001285	0.2	1671.20	0.533816 mg/L	Y 371.029
Cu 324.754	0.506475	mg/L	0.001351	0.3	17587.3	0.506475 mg/L	Y 371.029
Cu 327.395	0.510511	mg/L	0.001831	0.4	22013.8	0.510511 mg/L	Y 371.029
Fe 234.350	0.545064	mg/L	0.002355	0.4	4255.06	0.545064 mg/L	Y 371.029
Fe 238.204	0.535631	mg/L	0.008647	1.6	8959.62	0.535631 mg/L	Y 371.029
Fe 259.940	0.528463	mg/L	0.010490	2.0	7413.64	0.528463 mg/L	Y 371.029
Ga 287.423	0.508667	mg/L	0.006555	1.3	1137.45	0.508667 mg/L	Y 371.029
Ga 294.363	0.518411	mg/L	0.002049	0.4	3040.83	0.518411 mg/L	Y 371.029
Ga 417.204	0.502328	mg/L	0.000728	0.1	4630.21	0.502328 mg/L	Y 371.029
K 766.491	5.39666	mg/L	0.009060	0.2	297667	5.39666 mg/L	Y 371.029
K 769.897	5.19497	mg/L	0.010787	0.2	243859	5.19497 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	1.05751	mg/L	0.002388	0.2	42835.9	1.05751 mg/L	Y 371.029
Li 670.783	1.15426	mg/L	0.002816	0.2	2977806	1.15426 mg/L	Y 371.029
Mg 279.078	5.30617	mg/L	0.009708	0.2	6974.92	5.30617 mg/L	Y 371.029
Mg 280.270	5.36408	mg/L	0.017328	0.3	487065	5.36408 mg/L	Y 371.029
Mg 285.213	5.41198	mg/L	0.042167	0.8	162576	5.41198 mg/L	Y 371.029
Mn 257.610	0.523231	mg/L	0.010728	2.1	71538.8	0.523231 mg/L	Y 371.029
Mn 259.372	0.525861	mg/L	0.010298	2.0	53064.7	0.525861 mg/L	Y 371.029
Mn 260.568	0.515353	mg/L	0.010989	2.1	9318.44	0.515353 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.019463	1.8	3455.76	uncal mg/L	Y 371.029
Mo 203.846	1.13435	mg/L	0.016286	1.4	1401.69	1.13435 mg/L	Y 371.029
Mo 204.598	1.12658	mg/L	0.021013	1.9	1644.24	1.12658 mg/L	Y 371.029
Na 568.821	5.00294	mg/L	0.037251	0.7	1223.97	5.00294 mg/L	Y 371.029
Na 588.995	5.66050	mg/L	0.006846	0.1	2660292	5.66050 mg/L	Y 371.029
Na 589.592	5.29892	mg/L	0.003957	0.1	1341925	5.29892 mg/L	Y 371.029
Ni 216.555	1.06853	mg/L	0.001858	0.2	4747.64	1.06853 mg/L	Y 371.029
Ni 221.648	1.04028	mg/L	0.000679	0.1	1881.24	1.04028 mg/L	Y 371.029
Ni 231.604	1.05864	mg/L	0.006580	0.6	3174.20	1.05864 mg/L	Y 371.029
P 177.434	0.598119	mg/L	0.026556	4.4	24.7827	0.598119 mg/L	Y 371.029
P 213.618	0.532335	mg/L	0.009384	1.8	277.473	0.532335 mg/L	Y 371.029
P 214.914	0.513274	mg/L	0.018775	3.7	83.4107	0.513274 mg/L	Y 371.029
Pb 220.353	1.04818	mg/L	0.001735	0.2	1027.89	1.04818 mg/L	Y 371.029
Pb 261.417	1.01387	mg/L	0.009124	0.9	508.227	1.01387 mg/L	Y 371.029
Pb 405.781	0.977260	mg/L	0.004163	0.4	1369.45	0.977260 mg/L	Y 371.029
Sb 206.834	1.07305	mg/L	0.005651	0.5	618.745	1.07305 mg/L	Y 371.029
Sb 231.146	1.06457	mg/L	0.009176	0.9	503.370	1.06457 mg/L	Y 371.029
Sb 259.804	1.09630	mg/L	0.038504	3.5	426.548	1.09630 mg/L	Y 371.029
Se 196.026	1.08921	mg/L	0.033109	3.0	248.632	1.08921 mg/L	Y 371.029
Se 203.985	1.07794	mg/L	0.018988	1.8	152.252	1.07794 mg/L	Y 371.029
Si 250.690	1.06374	mg/L	0.009533	0.9	1390.63	1.06374 mg/L	Y 371.029
Si 251.611	1.03402	mg/L	0.005725	0.6	1601.27	1.03402 mg/L	Y 371.029
Si 288.158	1.08143	mg/L	0.013645	1.3	8417.81	1.08143 mg/L	Y 371.029
Sn 189.927	1.09188	mg/L	0.005012	0.5	227.650	1.09188 mg/L	Y 371.029
Sn 283.998	1.05728	mg/L	0.005533	0.5	1829.56	1.05728 mg/L	Y 371.029
Sr 216.596	0.519723	mg/L	0.001414	0.3	4054.67	0.519723 mg/L	Y 371.029
Sr 407.771	0.499979	mg/L	0.006476	1.3	1266466	0.499979 mg/L	Y 371.029
Sr 421.552	0.512321	mg/L	0.008219	1.6	805722	0.512321 mg/L	Y 371.029
Ti 334.941	0.517801	mg/L	0.005130	1.0	98740.7	0.517801 mg/L	Y 371.029
Ti 336.122	0.529546	mg/L	0.005106	1.0	43092.6	0.529546 mg/L	Y 371.029
Ti 337.280	0.520559	mg/L	0.000396	0.1	15235.7	0.520559 mg/L	Y 371.029
Tl 190.794	0.530410	mg/L	0.003397	0.6	153.234	0.530410 mg/L	Y 371.029
Tl 190.807	0.518040	mg/L	0.006797	1.3	83.9961	0.518040 mg/L	Y 371.029
Tl 351.923	0.538358	mg/L	0.005793	1.1	634.215	0.538358 mg/L	Y 371.029
V 268.796	0.523976	mg/L	0.002779	0.5	5153.68	0.523976 mg/L	Y 371.029
V 292.401	0.501994	mg/L	0.003296	0.7	15971.0	0.501994 mg/L	Y 371.029
V 311.837	0.516330	mg/L	0.000621	0.1	22605.6	0.516330 mg/L	Y 371.029
Zn 202.548	0.542420	mg/L	0.000325	0.1	4455.20	0.542420 mg/L	Y 371.029
Zn 206.200	0.535838	mg/L	0.009141	1.7	1424.12	0.535838 mg/L	Y 371.029
Zn 213.857	0.529092	mg/L	0.009452	1.8	8954.60	0.529092 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12554	9025.50	87.151	1.0
Y 371.029	0.944963	155831	1494.385	1.0

SEQ-CCBA (Samp) **11/4/2011, 3:03:41 PM** **Rack 3, Tube 40**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000763	mg/L	0.000159	20.9	357.978	0.000763 mg/L	Y 371.029
Ag 338.289	0.000787	mg/L	0.001260	160.0	4.99429	0.000787 mg/L	Y 371.029
Al 237.312	-0.008247uv	mg/L	0.003265	39.6	53.6562	-0.008247 mg/L	Y 371.029
Al 257.509	0.016546	mg/L	0.010154	61.4	24.3108	0.016546 mg/L	Y 371.029
Al 308.215	0.003941	mg/L	0.001021	25.9	650.674	0.003941 mg/L	Y 371.029
As 188.980	0.005057	mg/L	0.004124	81.6	5.56045	0.005057 mg/L	Y 371.029
As 193.696	0.003837	mg/L	0.003112	81.1	4.03122	0.003837 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002312	52.1	8.28493	uncal mg/L	Y 371.029
B 182.577	0.013473	mg/L	0.005899	43.8	11.6862	0.013473 mg/L	Y 371.029
B 249.678	0.017595	mg/L	0.004323	24.6	204.321	0.017595 mg/L	Y 371.029
B 249.772	0.017302	mg/L	0.004672	27.0	429.243	0.017302 mg/L	Y 371.029
Ba 233.527	0.000212	mg/L	0.000082	38.7	172.539	0.000212 mg/L	Y 371.029
Ba 455.403	-0.000259uv	mg/L	0.000007	2.7	4324.82	-0.000259 mg/L	Y 371.029
Ba 493.408	-0.000268uv	mg/L	0.000016	5.8	2621.79	-0.000268 mg/L	Y 371.029
Be 234.861	0.000008	mg/L	0.000006	71.4	-1.25170	0.000008 mg/L	Y 371.029
Be 313.042	-0.000381uv	mg/L	0.000004	1.2	1343.91	-0.000381 mg/L	Y 371.029
Be 313.107	0.000020	mg/L	0.000001	6.3	30.1072	0.000020 mg/L	Y 371.029
Ca 393.366	-0.016238nuv	mg/L	0.000049	0.3	17865.5	-0.016238 mg/L	Y 371.029
Ca 396.847	-0.012016uv	mg/L	0.000109	0.9	25390.3	-0.012016 mg/L	Y 371.029
Ca 430.253	-0.020984uv	mg/L	0.003200	15.3	717.326	-0.020984 mg/L	Y 371.029
Cd 214.439	0.000075uv	mg/L	0.000105	139.1	5.73127	0.000075 mg/L	Y 371.029
Cd 226.502	0.000041uv	mg/L	0.000065	159.9	15.9781	0.000041 mg/L	Y 371.029
Cd 228.802	0.000113	mg/L	0.000094	83.5	15.9907	0.000113 mg/L	Y 371.029
Co 228.615	0.000402	mg/L	0.000329	81.8	4.31367	0.000402 mg/L	Y 371.029
Co 230.786	-0.000070uv	mg/L	0.000477	682.8	4.54861	-0.000070 mg/L	Y 371.029
Co 238.892	0.000138uv	mg/L	0.000362	263.1	3.90542	0.000138 mg/L	Y 371.029
Cr 205.560	0.000327	mg/L	0.000232	71.1	2.94723	0.000327 mg/L	Y 371.029
Cr 206.158	-0.000171uv	mg/L	0.000419	244.7	1.62356	-0.000171 mg/L	Y 371.029
Cr 267.716	0.000033uv	mg/L	0.000124	376.5	15.6938	0.000033 mg/L	Y 371.029
Cu 213.598	0.000624	mg/L	0.000291	46.6	2.13542	0.000624 mg/L	Y 371.029
Cu 324.754	-0.001793uv	mg/L	0.000437	24.4	386.954	-0.001793 mg/L	Y 371.029
Cu 327.395	-0.000088uv	mg/L	0.000040	46.2	13.9918	-0.000088 mg/L	Y 371.029
Fe 234.350	0.002755	mg/L	0.001434	52.1	49.1810	0.002755 mg/L	Y 371.029
Fe 238.204	0.003261	mg/L	0.001026	31.4	81.9453	0.003261 mg/L	Y 371.029
Fe 259.940	0.003141	mg/L	0.001204	38.3	83.3763	0.003141 mg/L	Y 371.029
Ga 287.423	0.001324uv	mg/L	0.004229	319.5	12.7256	0.001324 mg/L	Y 371.029
Ga 294.363	0.001766	mg/L	0.000752	42.6	19.0380	0.001766 mg/L	Y 371.029
Ga 417.204	0.001841	mg/L	0.001313	71.3	55.4624	0.001841 mg/L	Y 371.029
K 766.491	-0.001713uv	mg/L	0.000227	13.3	1728.56	-0.001713 mg/L	Y 371.029
K 769.897	-0.002710uv	mg/L	0.001930	71.2	8392.72	-0.002710 mg/L	Y 371.029
Li 610.365	0.001103	mg/L	0.000154	14.0	-12.5964	0.001103 mg/L	Y 371.029
Li 670.783	0.000907	mg/L	0.000090	10.0	55159.1	0.000907 mg/L	Y 371.029
Mg 279.078	0.007382	mg/L	0.001572	21.3	14.5450	0.007382 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	-0.001942uv	mg/L	0.000038	2.0	311.680	-0.001942 mg/L	Y 371.029
Mg 285.213	-0.001672uv	mg/L	0.000084	5.0	87.3883	-0.001672 mg/L	Y 371.029
Mn 257.610	-0.000030uv	mg/L	0.000017	58.2	5.19802	-0.000030 mg/L	Y 371.029
Mn 259.372	0.000053	mg/L	0.000089	167.4	44.1643	0.000053 mg/L	Y 371.029
Mn 260.568	0.000082	mg/L	0.000073	88.8	5.90956	0.000082 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.003021	11.2	97.4581	uncal mg/L	Y 371.029
Mo 203.846	0.026178	mg/L	0.002921	11.2	38.8389	0.026178 mg/L	Y 371.029
Mo 204.598	0.025655	mg/L	0.003522	13.7	41.2230	0.025655 mg/L	Y 371.029
Na 568.821	0.957553	mg/L	0.064280	6.7	124.795	0.957553 mg/L	Y 371.029
Na 588.995	-0.243838uv	mg/L	0.001670	0.7	140532	-0.243838 mg/L	Y 371.029
Na 589.592	-0.520613uv	mg/L	0.000887	0.2	55717.8	-0.520613 mg/L	Y 371.029
Ni 216.555	0.000366uv	mg/L	0.000433	118.3	5.09338	0.000366 mg/L	Y 371.029
Ni 221.648	0.000271uv	mg/L	0.000363	134.3	4.25649	0.000271 mg/L	Y 371.029
Ni 231.604	-0.000360uv	mg/L	0.000664	184.5	7.12320	-0.000360 mg/L	Y 371.029
P 177.434	0.013368	mg/L	0.021710	162.4	1.01575	0.013368 mg/L	Y 371.029
P 213.618	0.002784	mg/L	0.000618	22.2	1.33812	0.002784 mg/L	Y 371.029
P 214.914	0.009069	mg/L	0.002898	32.0	1.28007	0.009069 mg/L	Y 371.029
Pb 220.353	-0.001689uv	mg/L	0.001741	103.1	2.94386	-0.001689 mg/L	Y 371.029
Pb 261.417	0.004376	mg/L	0.003097	70.8	9.07923	0.004376 mg/L	Y 371.029
Pb 405.781	-0.005293uv	mg/L	0.002196	41.5	78.5287	-0.005293 mg/L	Y 371.029
Sb 206.834	-0.000726uv	mg/L	0.002224	306.4	5.81573	-0.000726 mg/L	Y 371.029
Sb 231.146	-0.002930uv	mg/L	0.000811	27.7	4.36151	-0.002930 mg/L	Y 371.029
Sb 259.804	-0.010314uv	mg/L	0.007383	71.6	7.77320	-0.010314 mg/L	Y 371.029
Se 196.026	0.014660	mg/L	0.003010	20.5	7.47287	0.014660 mg/L	Y 371.029
Se 203.985	0.009757	mg/L	0.008196	84.0	3.12426	0.009757 mg/L	Y 371.029
Si 250.690	-0.000063uv	mg/L	0.000904	1430.8	138.284	-0.000063 mg/L	Y 371.029
Si 251.611	0.003629	mg/L	0.000476	13.1	158.360	0.003629 mg/L	Y 371.029
Si 288.158	-0.009273uv	mg/L	0.002036	22.0	1357.02	-0.009273 mg/L	Y 371.029
Sn 189.927	0.002902	mg/L	0.002507	86.4	2.34438	0.002902 mg/L	Y 371.029
Sn 283.998	0.002966	mg/L	0.002174	73.3	11.9273	0.002966 mg/L	Y 371.029
Sr 216.596	0.000259	mg/L	0.000096	37.1	18.4852	0.000259 mg/L	Y 371.029
Sr 407.771	-0.000139uv	mg/L	0.000002	1.2	5364.27	-0.000139 mg/L	Y 371.029
Sr 421.552	-0.000069uv	mg/L	0.000006	8.4	3301.50	-0.000069 mg/L	Y 371.029
Ti 334.941	0.001079	mg/L	0.000388	35.9	335.875	0.001079 mg/L	Y 371.029
Ti 336.122	0.001140	mg/L	0.000237	20.8	106.961	0.001140 mg/L	Y 371.029
Ti 337.280	0.001185	mg/L	0.000484	40.9	44.8543	0.001185 mg/L	Y 371.029
Tl 190.794	-0.002511uv	mg/L	0.002418	96.3	1.18389	-0.002511 mg/L	Y 371.029
Tl 190.807	0.003134	mg/L	0.002519	80.4	1.14785	0.003134 mg/L	Y 371.029
Tl 351.923	0.002195uv	mg/L	0.006696	305.0	8.52143	0.002195 mg/L	Y 371.029
V 268.796	0.001891	mg/L	0.000632	33.4	56.7899	0.001891 mg/L	Y 371.029
V 292.401	-0.000007uv	mg/L	0.000136	1893.3	21.2411	-0.000007 mg/L	Y 371.029
V 311.837	0.000152	mg/L	0.000095	62.5	6.74183	0.000152 mg/L	Y 371.029
Zn 202.548	0.002815	mg/L	0.000469	16.7	536.786	0.002815 mg/L	Y 371.029
Zn 206.200	0.002284	mg/L	0.000583	25.5	175.115	0.002284 mg/L	Y 371.029
Zn 213.857	0.002217	mg/L	0.000215	9.7	1070.34	0.002217 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.11611	8949.88	81.110	0.9
Y 371.029	0.937225	154555	1411.016	0.9

111103A. All Data Report 11/7/2011, 16:06:17

1145200-MSD1 (Samp) **11/4/2011, 3:11:22 PM** **Rack 3, Tube 41**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.514233b	mg/L	0.004027	0.8	23683.2	0.514233 mg/L	Y 371.029
Ag 338.289	0.472483b	mg/L	0.005173	1.1	1420.51	0.472483 mg/L	Y 371.029
Al 237.312	5.59391b	mg/L	0.007412	0.1	7584.90	5.59391 mg/L	Y 371.029
Al 257.509	5.36591b	mg/L	0.014472	0.3	3245.09	5.36591 mg/L	Y 371.029
Al 308.215	6.28904b	mg/L	0.009016	0.1	31280.9	6.28904 mg/L	Y 371.029
As 188.980	1.07915b	mg/L	0.005823	0.5	296.420	1.07915 mg/L	Y 371.029
As 193.696	1.06818b	mg/L	0.002835	0.3	337.644	1.06818 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.685293	2.4	23671.1	uncal mg/L	Y 371.029
B 182.577	1.21050b	mg/L	0.021767	1.8	543.821	1.21050 mg/L	Y 371.029
B 249.678	1.15766b	mg/L	0.028645	2.5	9371.30	1.15766 mg/L	Y 371.029
B 249.772	1.18396b	mg/L	0.029477	2.5	20200.4	1.18396 mg/L	Y 371.029
Ba 233.527	1.04253b	mg/L	0.001582	0.2	35226.0	1.04253 mg/L	Y 371.029
Ba 455.403	0.978127b	mg/L	0.006362	0.7	929904	0.978127 mg/L	Y 371.029
Ba 493.408	0.997980b	mg/L	0.004352	0.4	553566	0.997980 mg/L	Y 371.029
Be 234.861	1.04048b	mg/L	0.006570	0.6	104405	1.04048 mg/L	Y 371.029
Be 313.042	1.02620b	mg/L	0.003727	0.4	1587706	1.02620 mg/L	Y 371.029
Be 313.107	1.03114b	mg/L	0.004325	0.4	762307	1.03114 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.124310	0.4	40896144	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.078770	0.4	39528604	- mg/L	Y 371.029
Ca 430.253	124.061b	mg/L	0.177650	0.1	463485	124.061 mg/L	Y 371.029
Cd 214.439	15.3805b	mg/L	0.107066	0.7	247744	15.3805 mg/L	Y 371.029
Cd 226.502	15.9004b	mg/L	0.108526	0.7	471759	15.9004 mg/L	Y 371.029
Cd 228.802	15.6537b	mg/L	0.067539	0.4	206526	15.6537 mg/L	Y 371.029
Co 228.615	1.07229b	mg/L	0.012940	1.2	8743.19	1.07229 mg/L	Y 371.029
Co 230.786	1.07524b	mg/L	0.001185	0.1	5795.83	1.07524 mg/L	Y 371.029
Co 238.892	1.03517b	mg/L	0.006339	0.6	5299.86	1.03517 mg/L	Y 371.029
Cr 205.560	0.975045b	mg/L	0.000325	0.0	3637.80	0.975045 mg/L	Y 371.029
Cr 206.158	0.643194b	mg/L	0.045192	7.0	1270.09	0.643194 mg/L	Y 371.029
Cr 267.716	0.987598b	mg/L	0.004793	0.5	18884.6	0.987598 mg/L	Y 371.029
Cu 213.598	1.00931b	mg/L	0.004350	0.4	3214.60	1.00931 mg/L	Y 371.029
Cu 324.754	1.08790b	mg/L	0.001114	0.1	34458.7	1.08790 mg/L	Y 371.029
Cu 327.395	1.02711b	mg/L	0.003406	0.3	44308.1	1.02711 mg/L	Y 371.029
Fe 234.350	5.40150b	mg/L	0.029921	0.6	44136.2	5.40150 mg/L	Y 371.029
Fe 238.204	5.18988b	mg/L	0.049141	0.9	94097.5	5.18988 mg/L	Y 371.029
Fe 259.940	5.23378b	mg/L	0.066806	1.3	79334.1	5.23378 mg/L	Y 371.029
Ga 287.423	0.966071b	mg/L	0.007759	0.8	2304.09	0.966071 mg/L	Y 371.029
Ga 294.363	0.995923b	mg/L	0.005408	0.5	5981.47	0.995923 mg/L	Y 371.029
Ga 417.204	0.963482b	mg/L	0.007511	0.8	8991.49	0.963482 mg/L	Y 371.029
K 766.491	24.9364b	mg/L	0.152976	0.6	1373988	24.9364 mg/L	Y 371.029
K 769.897	25.4606b	mg/L	0.172297	0.7	1159670	25.4606 mg/L	Y 371.029
Li 610.365	1.03406b	mg/L	0.004669	0.5	41884.5	1.03406 mg/L	Y 371.029
Li 670.783	1.12990b	mg/L	0.008025	0.7	2946932	1.12990 mg/L	Y 371.029
Mg 279.078	28.4100b	mg/L	0.150047	0.5	37305.8	28.4100 mg/L	Y 371.029
Mg 280.270	25.7545b	mg/L	0.092361	0.4	2345100	25.7545 mg/L	Y 371.029
Mg 285.213	28.6782b	mg/L	0.201000	0.7	863542	28.6782 mg/L	Y 371.029
Mn 257.610	4.28075b	mg/L	0.037952	0.9	579694	4.28075 mg/L	Y 371.029
Mn 259.372	4.40881b	mg/L	0.027843	0.6	441545	4.40881 mg/L	Y 371.029
Mn 260.568	4.34211b	mg/L	0.051398	1.2	78524.3	4.34211 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	uncal	mg/L	0.025199	2.5	3060.51	uncal mg/L	Y 371.029
Mo 203.846	1.01356b	mg/L	0.027941	2.8	1219.87	1.01356 mg/L	Y 371.029
Mo 204.598	1.00477b	mg/L	0.031661	3.2	1423.81	1.00477 mg/L	Y 371.029
Na 568.821	54.7009b	mg/L	0.314623	0.6	15471.2	54.7009 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.224665	0.4	23101254	- mg/L	Y 371.029
Na 589.592	62.1801b	mg/L	0.407235	0.7	13986175	62.1801 mg/L	Y 371.029
Ni 216.555	1.10254b	mg/L	0.003445	0.3	4927.48	1.10254 mg/L	Y 371.029
Ni 221.648	1.05499b	mg/L	0.005139	0.5	1943.70	1.05499 mg/L	Y 371.029
Ni 231.604	1.08379b	mg/L	0.012063	1.1	3281.10	1.08379 mg/L	Y 371.029
P 177.434	1.24823b	mg/L	0.041474	3.3	49.0921	1.24823 mg/L	Y 371.029
P 213.618	0.891706b	mg/L	0.011618	1.3	558.806	0.891706 mg/L	Y 371.029
P 214.914	1.14785b	mg/L	0.018669	1.6	166.546	1.14785 mg/L	Y 371.029
Pb 220.353	0.982217b	mg/L	0.003249	0.3	983.519	0.982217 mg/L	Y 371.029
Pb 261.417	0.799781b	mg/L	0.004471	0.6	381.860	0.799781 mg/L	Y 371.029
Pb 405.781	1.00376b	mg/L	0.011232	1.1	1371.64	1.00376 mg/L	Y 371.029
Sb 206.834	0.949230b	mg/L	0.014032	1.5	629.942	0.949230 mg/L	Y 371.029
Sb 231.146	1.18012b	mg/L	0.012624	1.1	517.510	1.18012 mg/L	Y 371.029
Sb 259.804	0.682974b	mg/L	0.051374	7.5	337.628	0.682974 mg/L	Y 371.029
Se 196.026	1.02436b	mg/L	0.029887	2.9	233.443	1.02436 mg/L	Y 371.029
Se 203.985	1.16280b	mg/L	0.028613	2.5	154.485	1.16280 mg/L	Y 371.029
Si 250.690	12.9097b	mg/L	0.073705	0.6	15299.2	12.9097 mg/L	Y 371.029
Si 251.611	12.4465b	mg/L	0.071116	0.6	17622.0	12.4465 mg/L	Y 371.029
Si 288.158	13.2970b	mg/L	0.277587	2.1	86601.4	13.2970 mg/L	Y 371.029
Sn 189.927	1.03283b	mg/L	0.002348	0.2	211.874	1.03283 mg/L	Y 371.029
Sn 283.998	1.11042b	mg/L	0.009629	0.9	2254.78	1.11042 mg/L	Y 371.029
Sr 216.596	1.43617b	mg/L	0.006716	0.5	11281.8	1.43617 mg/L	Y 371.029
Sr 407.771	1.40971b	mg/L	0.002254	0.2	3567935	1.40971 mg/L	Y 371.029
Sr 421.552	1.44593b	mg/L	0.007136	0.5	2272953	1.44593 mg/L	Y 371.029
Ti 334.941	0.987677b	mg/L	0.004877	0.5	194765	0.987677 mg/L	Y 371.029
Ti 336.122	0.984264b	mg/L	0.004800	0.5	82677.9	0.984264 mg/L	Y 371.029
Ti 337.280	0.989721b	mg/L	0.005839	0.6	29672.3	0.989721 mg/L	Y 371.029
Tl 190.794	0.922092b	mg/L	0.007021	0.8	292.477	0.922092 mg/L	Y 371.029
Tl 190.807	0.929915b	mg/L	0.016519	1.8	154.185	0.929915 mg/L	Y 371.029
Tl 351.923	1.01315b	mg/L	0.004192	0.4	1237.47	1.01315 mg/L	Y 371.029
V 268.796	0.945079b	mg/L	0.005758	0.6	8403.53	0.945079 mg/L	Y 371.029
V 292.401	0.967305b	mg/L	0.004977	0.5	31394.6	0.967305 mg/L	Y 371.029
V 311.837	1.00300b	mg/L	0.007844	0.8	43784.2	1.00300 mg/L	Y 371.029
Zn 202.548	-xb	mg/L	1.82117	1.0	1343991	- mg/L	Y 371.029
Zn 206.200	-xb	mg/L	1.36498	0.5	598036	- mg/L	Y 371.029
Zn 213.857	-xb	mg/L	0.695604	0.5	1963791	- mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.09041	8743.76	34.715	0.4
Y 371.029	0.922214	152080	736.289	0.5

11J1391-18 (Samp)	**11/4/2011, 3:15:35 PM**	**Rack 3, Tube 42**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 1**

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.006977b	mg/L	0.000550	7.9	433.819	-0.006977 mg/L	Y 371.029
Ag 338.289	-0.031034b	mg/L	0.000802	2.6	5.54686	-0.031034 mg/L	Y 371.029
Al 237.312	0.262656b	mg/L	0.010317	3.9	405.489	0.262656 mg/L	Y 371.029
Al 257.509	-0.016458b	mg/L	0.011731	71.3	179.069	-0.016458 mg/L	Y 371.029
Al 308.215	1.06601b	mg/L	0.003510	0.3	2416.41	1.06601 mg/L	Y 371.029
As 188.980	0.087076b	mg/L	0.006466	7.4	7.57145	0.087076 mg/L	Y 371.029
As 193.696	0.066539b	mg/L	0.004082	6.1	3.90908	0.066539 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.342421	4.3	10761.2	uncal mg/L	Y 371.029
B 182.577	0.403514b	mg/L	0.003789	0.9	206.373	0.403514 mg/L	Y 371.029
B 249.678	0.165184b	mg/L	0.002104	1.3	1819.56	0.165184 mg/L	Y 371.029
B 249.772	0.284760b	mg/L	0.000945	0.3	7242.95	0.284760 mg/L	Y 371.029
Ba 233.527	0.009247b	mg/L	0.000141	1.5	702.029	0.009247 mg/L	Y 371.029
Ba 455.403	0.010600b	mg/L	0.000040	0.4	17172.7	0.010600 mg/L	Y 371.029
Ba 493.408	0.008775b	mg/L	0.000083	0.9	10770.5	0.008775 mg/L	Y 371.029
Be 234.861	-0.002443uvb	mg/L	0.000518	21.2	-950.156	-0.002443 mg/L	Y 371.029
Be 313.042	0.001177b	mg/L	0.000007	0.6	1952.82	0.001177 mg/L	Y 371.029
Be 313.107	0.000752b	mg/L	0.000011	1.5	289.913	0.000752 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.253973	0.8	42793984	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.154441	0.7	42233412	- mg/L	Y 371.029
Ca 430.253	208.665b	mg/L	0.484098	0.2	778499	208.665 mg/L	Y 371.029
Cd 214.439	9.67437b	mg/L	0.055210	0.6	155900	9.67437 mg/L	Y 371.029
Cd 226.502	9.83086b	mg/L	0.047610	0.5	292249	9.83086 mg/L	Y 371.029
Cd 228.802	9.96533b	mg/L	0.077367	0.8	131518	9.96533 mg/L	Y 371.029
Co 228.615	0.044672b	mg/L	0.000097	0.2	851.188	0.044672 mg/L	Y 371.029
Co 230.786	0.030907b	mg/L	0.000231	0.7	623.864	0.030907 mg/L	Y 371.029
Co 238.892	-0.002514uvb	mg/L	0.002750	109.4	-868.368	-0.002514 mg/L	Y 371.029
Cr 205.560	-0.049651uvb	mg/L	0.000172	0.3	2.13815	-0.049651 mg/L	Y 371.029
Cr 206.158	-0.183646b	mg/L	0.025976	14.1	116.266	-0.183646 mg/L	Y 371.029
Cr 267.716	-0.033093b	mg/L	0.000103	0.3	57.9675	-0.033093 mg/L	Y 371.029
Cu 213.598	0.021900b	mg/L	0.001526	7.0	420.815	0.021900 mg/L	Y 371.029
Cu 324.754	0.140230b	mg/L	0.000442	0.3	2289.70	0.140230 mg/L	Y 371.029
Cu 327.395	0.020303b	mg/L	0.000732	3.6	2651.04	0.020303 mg/L	Y 371.029
Fe 234.350	190.435b	mg/L	3.12342	1.6	1407092	190.435 mg/L	Y 371.029
Fe 238.204	174.912b	mg/L	0.808510	0.5	2832303	174.912 mg/L	Y 371.029
Fe 259.940	177.909b	mg/L	2.29342	1.3	2417792	177.909 mg/L	Y 371.029
Ga 287.423	-0.517681b	mg/L	0.006223	1.2	1759.17	-0.517681 mg/L	Y 371.029
Ga 294.363	-0.045003b	mg/L	0.000852	1.9	58.2665	-0.045003 mg/L	Y 371.029
Ga 417.204	-0.013855b	mg/L	0.001939	14.0	514.192	-0.013855 mg/L	Y 371.029
K 766.491	20.6937b	mg/L	0.025429	0.1	1144426	20.6937 mg/L	Y 371.029
K 769.897	20.7227b	mg/L	0.033222	0.2	948477	20.7227 mg/L	Y 371.029
Li 610.365	0.003238b	mg/L	0.000081	2.5	73.9943	0.003238 mg/L	Y 371.029
Li 670.783	-0.004490b	mg/L	0.000084	1.9	95024.5	-0.004490 mg/L	Y 371.029
Mg 279.078	108.732b	mg/L	0.321898	0.3	142859	108.732 mg/L	Y 371.029
Mg 280.270	71.2368b	mg/L	0.280162	0.4	6472405	71.2368 mg/L	Y 371.029
Mg 285.213	100.576b	mg/L	0.307064	0.3	3022001	100.576 mg/L	Y 371.029
Mn 257.610	16.1348b	mg/L	0.225347	1.4	2178283	16.1348 mg/L	Y 371.029
Mn 259.372	16.1394b	mg/L	0.241427	1.5	1632739	16.1394 mg/L	Y 371.029
Mn 260.568	16.4112b	mg/L	0.100732	0.6	295993	16.4112 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.002836	2.9	77.7349	uncal mg/L	Y 371.029
Mo 203.846	-0.100554b	mg/L	0.005103	5.1	41.0784	-0.100554 mg/L	Y 371.029
Mo 204.598	-0.107294b	mg/L	0.002966	2.8	36.0066	-0.107294 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	-xb	mg/L	1.10861	0.3	96639.6	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.544789	0.6	42111780	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.34997	0.8	35915188	- mg/L	Y 371.029
Ni 216.555	-0.037193b	mg/L	0.000753	2.0	493.809	-0.037193 mg/L	Y 371.029
Ni 221.648	-0.069987b	mg/L	0.001522	2.2	159.812	-0.069987 mg/L	Y 371.029
Ni 231.604	-0.048770b	mg/L	0.001353	2.8	290.534	-0.048770 mg/L	Y 371.029
P 177.434	0.061308b	mg/L	0.014319	23.4	1.22223	0.061308 mg/L	Y 371.029
P 213.618	-0.252448b	mg/L	0.008296	3.3	10.9976	-0.252448 mg/L	Y 371.029
P 214.914	0.169466b	mg/L	0.006940	4.1	24.0973	0.169466 mg/L	Y 371.029
Pb 220.353	-0.035465uvb	mg/L	0.002843	8.0	0.650423	-0.035465 mg/L	Y 371.029
Pb 261.417	0.073167b	mg/L	0.018867	25.8	50.6372	0.073167 mg/L	Y 371.029
Pb 405.781	-0.092114uvb	mg/L	0.008319	9.0	75.9302	-0.092114 mg/L	Y 371.029
Sb 206.834	-0.186512b	mg/L	0.005902	3.2	20.1850	-0.186512 mg/L	Y 371.029
Sb 231.146	0.158374b	mg/L	0.009127	5.8	19.4617	0.158374 mg/L	Y 371.029
Sb 259.804	-0.049036b	mg/L	0.297721	607.1	281.877	-0.049036 mg/L	Y 371.029
Se 196.026	0.017052uvb	mg/L	0.005453	32.0	4.31980	0.017052 mg/L	Y 371.029
Se 203.985	0.208157b	mg/L	0.021430	10.3	11.5906	0.208157 mg/L	Y 371.029
Si 250.690	13.1279b	mg/L	0.053897	0.4	15617.3	13.1279 mg/L	Y 371.029
Si 251.611	12.6323b	mg/L	0.053680	0.4	18068.0	12.6323 mg/L	Y 371.029
Si 288.158	13.6957b	mg/L	0.046524	0.3	89344.5	13.6957 mg/L	Y 371.029
Sn 189.927	0.023373b	mg/L	0.007123	30.5	3.84053	0.023373 mg/L	Y 371.029
Sn 283.998	-0.164644b	mg/L	0.000799	0.5	15.6285	-0.164644 mg/L	Y 371.029
Sr 216.596	0.715171b	mg/L	0.006563	0.9	5959.77	0.715171 mg/L	Y 371.029
Sr 407.771	0.716370b	mg/L	0.003985	0.6	1825225	0.716370 mg/L	Y 371.029
Sr 421.552	0.733019b	mg/L	0.006031	0.8	1160434	0.733019 mg/L	Y 371.029
Ti 334.941	-0.048837b	mg/L	0.000465	1.0	333.916	-0.048837 mg/L	Y 371.029
Ti 336.122	-0.045663b	mg/L	0.000359	0.8	82.2967	-0.045663 mg/L	Y 371.029
Ti 337.280	-0.036392b	mg/L	0.000600	1.6	84.2581	-0.036392 mg/L	Y 371.029
Tl 190.794	-0.118921b	mg/L	0.002410	2.0	6.09851	-0.118921 mg/L	Y 371.029
Tl 190.807	-0.018178b	mg/L	0.004756	26.2	3.25322	-0.018178 mg/L	Y 371.029
Tl 351.923	-0.037667b	mg/L	0.001570	4.2	10.4314	-0.037667 mg/L	Y 371.029
V 268.796	-0.040749b	mg/L	0.000041	0.1	74.6159	-0.040749 mg/L	Y 371.029
V 292.401	-0.051872uvb	mg/L	0.000277	0.5	6.49751	-0.051872 mg/L	Y 371.029
V 311.837	-0.018871b	mg/L	0.000101	0.5	5.90251	-0.018871 mg/L	Y 371.029
Zn 202.548	-xb	mg/L	3.20698	1.5	1582834	- mg/L	Y 371.029
Zn 206.200	-xb	mg/L	4.03764	1.3	725613	- mg/L	Y 371.029
Zn 213.857	-xb	mg/L	1.10575	0.7	2180197	- mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03211	8276.28	17.316	0.2
Y 371.029	0.877243	144663	231.986	0.2

11J1391-19 (Samp) **11/4/2011, 3:19:49 PM** **Rack 3, Tube 43**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.007348b	mg/L	0.000176	2.4	417.233	-0.007348 mg/L	Y 371.029
Ag 338.289	-0.031687uvb	mg/L	0.000787	2.5	3.01403	-0.031687 mg/L	Y 371.029
Al 237.312	0.239253b	mg/L	0.013604	5.7	375.429	0.239253 mg/L	Y 371.029
Al 257.509	-0.041737b	mg/L	0.012842	30.8	163.159	-0.041737 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	1.03119b	mg/L	0.001667	0.2	2268.73	1.03119 mg/L	Y 371.029
As 188.980	0.084508b	mg/L	0.002346	2.8	6.96721	0.084508 mg/L	Y 371.029
As 193.696	0.063810uvb	mg/L	0.004442	7.0	3.15130	0.063810 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.304948	1.1	19109.2	uncal mg/L	Y 371.029
B 182.577	0.385147b	mg/L	0.002590	0.7	198.244	0.385147 mg/L	Y 371.029
B 249.678	0.150332b	mg/L	0.001887	1.3	1699.61	0.150332 mg/L	Y 371.029
B 249.772	0.271549b	mg/L	0.001980	0.7	6976.62	0.271549 mg/L	Y 371.029
Ba 233.527	0.009167b	mg/L	0.000116	1.3	697.227	0.009167 mg/L	Y 371.029
Ba 455.403	0.010544b	mg/L	0.000060	0.6	17100.8	0.010544 mg/L	Y 371.029
Ba 493.408	0.008766b	mg/L	0.000079	0.9	10734.7	0.008766 mg/L	Y 371.029
Be 234.861	-0.002500uvb	mg/L	0.000552	22.1	-942.082	-0.002500 mg/L	Y 371.029
Be 313.042	0.001092uvb	mg/L	0.000003	0.3	1839.93	0.001092 mg/L	Y 371.029
Be 313.107	0.000707b	mg/L	0.000008	1.1	260.038	0.000707 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.067962	0.2	41005332	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.049143	0.2	40336844	- mg/L	Y 371.029
Ca 430.253	208.434b	mg/L	0.749087	0.4	777583	208.434 mg/L	Y 371.029
Cd 214.439	9.52302b	mg/L	0.127230	1.3	153461	9.52302 mg/L	Y 371.029
Cd 226.502	9.77285b	mg/L	0.014992	0.2	290518	9.77285 mg/L	Y 371.029
Cd 228.802	9.77373b	mg/L	0.080436	0.8	128991	9.77373 mg/L	Y 371.029
Co 228.615	0.044857b	mg/L	0.000971	2.2	842.564	0.044857 mg/L	Y 371.029
Co 230.786	0.034019b	mg/L	0.001437	4.2	632.075	0.034019 mg/L	Y 371.029
Co 238.892	0.065039uvb	mg/L	0.007032	10.8	-507.510	0.065039 mg/L	Y 371.029
Cr 205.560	-0.048834uvb	mg/L	0.000587	1.2	2.46554	-0.048834 mg/L	Y 371.029
Cr 206.158	-0.207997b	mg/L	0.045171	21.7	74.9547	-0.207997 mg/L	Y 371.029
Cr 267.716	-0.031807b	mg/L	0.000270	0.8	71.6453	-0.031807 mg/L	Y 371.029
Cu 213.598	0.169437b	mg/L	0.002318	1.4	874.358	0.169437 mg/L	Y 371.029
Cu 324.754	0.283177b	mg/L	0.000759	0.3	7158.29	0.283177 mg/L	Y 371.029
Cu 327.395	0.168305b	mg/L	0.000791	0.5	8994.37	0.168305 mg/L	Y 371.029
Fe 234.350	186.853b	mg/L	0.641300	0.3	1380680	186.853 mg/L	Y 371.029
Fe 238.204	172.676b	mg/L	1.42526	0.8	2796124	172.676 mg/L	Y 371.029
Fe 259.940	176.006b	mg/L	0.780125	0.4	2391938	176.006 mg/L	Y 371.029
Ga 287.423	-0.479193b	mg/L	0.005381	1.1	1789.63	-0.479193 mg/L	Y 371.029
Ga 294.363	-0.045371b	mg/L	0.000098	0.2	51.7155	-0.045371 mg/L	Y 371.029
Ga 417.204	-0.010878b	mg/L	0.000536	4.9	529.581	-0.010878 mg/L	Y 371.029
K 766.491	20.8301b	mg/L	0.101383	0.5	1151824	20.8301 mg/L	Y 371.029
K 769.897	20.8836b	mg/L	0.112618	0.5	955783	20.8836 mg/L	Y 371.029
Li 610.365	0.003619b	mg/L	0.000402	11.1	89.4290	0.003619 mg/L	Y 371.029
Li 670.783	-0.004646b	mg/L	0.000083	1.8	94145.7	-0.004646 mg/L	Y 371.029
Mg 279.078	107.682b	mg/L	0.320794	0.3	141480	107.682 mg/L	Y 371.029
Mg 280.270	69.6664b	mg/L	0.051572	0.1	6329874	69.6664 mg/L	Y 371.029
Mg 285.213	99.5713b	mg/L	0.240704	0.2	2991803	99.5713 mg/L	Y 371.029
Mn 257.610	15.9991b	mg/L	0.045240	0.3	2159933	15.9991 mg/L	Y 371.029
Mn 259.372	15.9880b	mg/L	0.056214	0.4	1617171	15.9880 mg/L	Y 371.029
Mn 260.568	16.2758b	mg/L	0.203803	1.3	293549	16.2758 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001658	1.4	26.8889	uncal mg/L	Y 371.029
Mo 203.846	-0.119994b	mg/L	0.001288	1.1	18.3180	-0.119994 mg/L	Y 371.029
Mo 204.598	-0.125187b	mg/L	0.002076	1.7	11.3075	-0.125187 mg/L	Y 371.029
Na 568.821	-xb	mg/L	1.50604	0.4	96605.5	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.32854	1.4	40637440	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.08820	1.3	34683552	- mg/L	Y 371.029
Ni 216.555	-0.038302b	mg/L	0.003363	8.8	476.769	-0.038302 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	-0.069376b	mg/L	0.001070	1.5	155.953	-0.069376 mg/L	Y 371.029
Ni 231.604	-0.047632b	mg/L	0.000847	1.8	286.170	-0.047632 mg/L	Y 371.029
P 177.434	0.057139b	mg/L	0.012329	21.6	1.08007	0.057139 mg/L	Y 371.029
P 213.618	-0.258060b	mg/L	0.006185	2.4	8.52605	-0.258060 mg/L	Y 371.029
P 214.914	0.153395b	mg/L	0.009572	6.2	22.3048	0.153395 mg/L	Y 371.029
Pb 220.353	-0.035878uvb	mg/L	0.001262	3.5	-0.020839	-0.035878 mg/L	Y 371.029
Pb 261.417	0.054735b	mg/L	0.034210	62.5	41.9997	0.054735 mg/L	Y 371.029
Pb 405.781	-0.100297uvb	mg/L	0.005418	5.4	64.8993	-0.100297 mg/L	Y 371.029
Sb 206.834	-0.191732b	mg/L	0.004893	2.6	16.0610	-0.191732 mg/L	Y 371.029
Sb 231.146	0.167303b	mg/L	0.008662	5.2	24.0926	0.167303 mg/L	Y 371.029
Sb 259.804	-0.153920b	mg/L	0.096295	62.6	237.571	-0.153920 mg/L	Y 371.029
Se 196.026	0.016185uvb	mg/L	0.000883	5.5	4.17543	0.016185 mg/L	Y 371.029
Se 203.985	0.210085b	mg/L	0.016745	8.0	11.6804	0.210085 mg/L	Y 371.029
Si 250.690	13.1137b	mg/L	0.030184	0.2	15599.1	13.1137 mg/L	Y 371.029
Si 251.611	12.6163b	mg/L	0.035605	0.3	18041.6	12.6163 mg/L	Y 371.029
Si 288.158	13.5315b	mg/L	0.115462	0.9	88293.2	13.5315 mg/L	Y 371.029
Sn 189.927	0.013761uvb	mg/L	0.001302	9.5	1.88301	0.013761 mg/L	Y 371.029
Sn 283.998	-0.143598b	mg/L	0.006010	4.2	17.6692	-0.143598 mg/L	Y 371.029
Sr 216.596	0.710851b	mg/L	0.003072	0.4	5920.02	0.710851 mg/L	Y 371.029
Sr 407.771	0.712098b	mg/L	0.000822	0.1	1814367	0.712098 mg/L	Y 371.029
Sr 421.552	0.730277b	mg/L	0.001076	0.1	1156075	0.730277 mg/L	Y 371.029
Ti 334.941	-0.049553uvb	mg/L	0.000143	0.3	85.5002	-0.049553 mg/L	Y 371.029
Ti 336.122	-0.045832b	mg/L	0.000124	0.3	24.3239	-0.045832 mg/L	Y 371.029
Ti 337.280	-0.037030b	mg/L	0.000266	0.7	52.3853	-0.037030 mg/L	Y 371.029
Tl 190.794	-0.119384b	mg/L	0.003407	2.9	5.53897	-0.119384 mg/L	Y 371.029
Tl 190.807	-0.019515b	mg/L	0.001073	5.5	2.96714	-0.019515 mg/L	Y 371.029
Tl 351.923	-0.038283uvb	mg/L	0.004504	11.8	9.19299	-0.038283 mg/L	Y 371.029
V 268.796	-0.041002b	mg/L	0.000361	0.9	54.3441	-0.041002 mg/L	Y 371.029
V 292.401	-0.051453uvb	mg/L	0.000146	0.3	-3.93322	-0.051453 mg/L	Y 371.029
V 311.837	-0.018413b	mg/L	0.000024	0.1	8.40250	-0.018413 mg/L	Y 371.029
Zn 202.548	-xb	mg/L	0.373590	0.2	1533927	- mg/L	Y 371.029
Zn 206.200	-xb	mg/L	1.07215	0.3	718141	- mg/L	Y 371.029
Zn 213.857	-xb	mg/L	1.33372	0.9	2099121	- mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.07062	8585.03	19.501	0.2
Y 371.029	0.910956	150223	281.708	0.2

11J1391-20 (Samp) **11/4/2011, 3:23:46 PM** **Rack 3, Tube 44**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.007369b	mg/L	0.000322	4.4	416.520	-0.007369 mg/L	Y 371.029
Ag 338.289	-0.030394b	mg/L	0.000559	1.8	5.46166	-0.030394 mg/L	Y 371.029
Al 237.312	0.235619b	mg/L	0.005701	2.4	368.233	0.235619 mg/L	Y 371.029
Al 257.509	-0.045127b	mg/L	0.003777	8.4	160.608	-0.045127 mg/L	Y 371.029
Al 308.215	1.02410b	mg/L	0.002803	0.3	2233.58	1.02410 mg/L	Y 371.029
As 188.980	0.079070b	mg/L	0.001457	1.8	5.42799	0.079070 mg/L	Y 371.029
As 193.696	0.059782uvb	mg/L	0.002250	3.8	1.95683	0.059782 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.533719	6.2	10890.6	uncal mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.380867b	mg/L	0.005581	1.5	196.348	0.380867 mg/L	Y 371.029
B 249.678	0.148077b	mg/L	0.003736	2.5	1682.08	0.148077 mg/L	Y 371.029
B 249.772	0.266056b	mg/L	0.003796	1.4	6922.44	0.266056 mg/L	Y 371.029
Ba 233.527	0.009124b	mg/L	0.000100	1.1	695.378	0.009124 mg/L	Y 371.029
Ba 455.403	0.010551b	mg/L	0.000103	1.0	17071.2	0.010551 mg/L	Y 371.029
Ba 493.408	0.008735b	mg/L	0.000097	1.1	10705.0	0.008735 mg/L	Y 371.029
Be 234.861	-0.003266uvb	mg/L	0.000436	13.4	-1031.79	-0.003266 mg/L	Y 371.029
Be 313.042	0.001089uvb	mg/L	0.000006	0.6	1840.10	0.001089 mg/L	Y 371.029
Be 313.107	0.000692b	mg/L	0.000009	1.3	249.190	0.000692 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.053257	0.2	40985872	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.040759	0.2	40246784	- mg/L	Y 371.029
Ca 430.253	206.520b	mg/L	1.32235	0.6	770501	206.520 mg/L	Y 371.029
Cd 214.439	9.50808b	mg/L	0.198694	2.1	153221	9.50808 mg/L	Y 371.029
Cd 226.502	9.75519b	mg/L	0.063671	0.7	289998	9.75519 mg/L	Y 371.029
Cd 228.802	9.75926b	mg/L	0.102334	1.0	128800	9.75926 mg/L	Y 371.029
Co 228.615	0.044293b	mg/L	0.000885	2.0	847.966	0.044293 mg/L	Y 371.029
Co 230.786	0.031683b	mg/L	0.000864	2.7	626.971	0.031683 mg/L	Y 371.029
Co 238.892	0.073622uvb	mg/L	0.007569	10.3	-479.214	0.073622 mg/L	Y 371.029
Cr 205.560	-0.039581b	mg/L	0.000391	1.0	37.4521	-0.039581 mg/L	Y 371.029
Cr 206.158	-0.137580b	mg/L	0.104031	75.6	181.358	-0.137580 mg/L	Y 371.029
Cr 267.716	-0.022381b	mg/L	0.000107	0.5	257.747	-0.022381 mg/L	Y 371.029
Cu 213.598	0.445519b	mg/L	0.005469	1.2	1738.05	0.445519 mg/L	Y 371.029
Cu 324.754	0.566969b	mg/L	0.003177	0.6	16809.0	0.566969 mg/L	Y 371.029
Cu 327.395	0.456576b	mg/L	0.003458	0.8	21436.3	0.456576 mg/L	Y 371.029
Fe 234.350	190.062b	mg/L	2.32888	1.2	1404284	190.062 mg/L	Y 371.029
Fe 238.204	174.109b	mg/L	1.81891	1.0	2819183	174.109 mg/L	Y 371.029
Fe 259.940	177.186b	mg/L	2.75727	1.6	2407882	177.186 mg/L	Y 371.029
Ga 287.423	-0.521942b	mg/L	0.006863	1.3	1743.17	-0.521942 mg/L	Y 371.029
Ga 294.363	-0.044918b	mg/L	0.000220	0.5	56.1958	-0.044918 mg/L	Y 371.029
Ga 417.204	-0.012884b	mg/L	0.000124	1.0	519.468	-0.012884 mg/L	Y 371.029
K 766.491	20.7024b	mg/L	0.128356	0.6	1144807	20.7024 mg/L	Y 371.029
K 769.897	20.7799b	mg/L	0.139470	0.7	951108	20.7799 mg/L	Y 371.029
Li 610.365	0.003455b	mg/L	0.000209	6.1	82.7797	0.003455 mg/L	Y 371.029
Li 670.783	-0.004893b	mg/L	0.000108	2.2	93472.2	-0.004893 mg/L	Y 371.029
Mg 279.078	106.942b	mg/L	0.500962	0.5	140508	106.942 mg/L	Y 371.029
Mg 280.270	69.7219b	mg/L	0.421499	0.6	6334874	69.7219 mg/L	Y 371.029
Mg 285.213	99.1181b	mg/L	0.789114	0.8	2978192	99.1181 mg/L	Y 371.029
Mn 257.610	16.1162b	mg/L	0.230371	1.4	2175756	16.1162 mg/L	Y 371.029
Mn 259.372	16.1353b	mg/L	0.231851	1.4	1632231	16.1353 mg/L	Y 371.029
Mn 260.568	16.2462b	mg/L	0.195135	1.2	293014	16.2462 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.002012	1.7	16.0296	uncal mg/L	Y 371.029
Mo 203.846	-0.122066b	mg/L	0.002144	1.8	15.5511	-0.122066 mg/L	Y 371.029
Mo 204.598	-0.127964b	mg/L	0.001156	0.9	6.99613	-0.127964 mg/L	Y 371.029
Na 568.821	-xb	mg/L	2.22757	0.6	96575.9	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.329278	0.4	40295648	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.075341	0.0	34459892	- mg/L	Y 371.029
Ni 216.555	-0.005926b	mg/L	0.002053	34.6	631.192	-0.005926 mg/L	Y 371.029
Ni 221.648	-0.038872b	mg/L	0.002268	5.8	214.905	-0.038872 mg/L	Y 371.029
Ni 231.604	-0.017597b	mg/L	0.001212	6.9	382.367	-0.017597 mg/L	Y 371.029
P 177.434	0.049578b	mg/L	0.006141	12.4	0.846836	0.049578 mg/L	Y 371.029
P 213.618	-0.271232b	mg/L	0.005093	1.9	5.01301	-0.271232 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.143820b	mg/L	0.011398	7.9	22.7071	0.143820 mg/L	Y 371.029
Pb 220.353	-0.037844uvb	mg/L	0.000571	1.5	-2.02231	-0.037844 mg/L	Y 371.029
Pb 261.417	0.085727b	mg/L	0.062056	72.4	57.4825	0.085727 mg/L	Y 371.029
Pb 405.781	-0.088431uvb	mg/L	0.001421	1.6	80.7401	-0.088431 mg/L	Y 371.029
Sb 206.834	-0.195173b	mg/L	0.004619	2.4	14.0965	-0.195173 mg/L	Y 371.029
Sb 231.146	0.149269b	mg/L	0.001599	1.1	15.6571	0.149269 mg/L	Y 371.029
Sb 259.804	-0.233678b	mg/L	0.128530	55.0	210.773	-0.233678 mg/L	Y 371.029
Se 196.026	0.012326uvb	mg/L	0.008761	71.1	3.26969	0.012326 mg/L	Y 371.029
Se 203.985	0.210254b	mg/L	0.010037	4.8	12.6795	0.210254 mg/L	Y 371.029
Si 250.690	13.0079b	mg/L	0.083144	0.6	15475.9	13.0079 mg/L	Y 371.029
Si 251.611	12.5218b	mg/L	0.079030	0.6	17908.8	12.5218 mg/L	Y 371.029
Si 288.158	13.4335b	mg/L	0.102447	0.8	87651.1	13.4335 mg/L	Y 371.029
Sn 189.927	0.012430uvb	mg/L	0.004604	37.0	1.65502	0.012430 mg/L	Y 371.029
Sn 283.998	-0.188927b	mg/L	0.001475	0.8	20.1905	-0.188927 mg/L	Y 371.029
Sr 216.596	0.709047b	mg/L	0.002185	0.3	5909.95	0.709047 mg/L	Y 371.029
Sr 407.771	0.714433b	mg/L	0.004685	0.7	1820133	0.714433 mg/L	Y 371.029
Sr 421.552	0.728074b	mg/L	0.003558	0.5	1152555	0.728074 mg/L	Y 371.029
Ti 334.941	-0.049611uvb	mg/L	0.000184	0.4	76.3453	-0.049611 mg/L	Y 371.029
Ti 336.122	-0.045872uvb	mg/L	0.000198	0.4	22.1006	-0.045872 mg/L	Y 371.029
Ti 337.280	-0.037403b	mg/L	0.000219	0.6	42.4903	-0.037403 mg/L	Y 371.029
Tl 190.794	-0.125475b	mg/L	0.001983	1.6	3.83595	-0.125475 mg/L	Y 371.029
Tl 190.807	-0.019374b	mg/L	0.004398	22.7	2.92649	-0.019374 mg/L	Y 371.029
Tl 351.923	-0.035949b	mg/L	0.001039	2.9	11.2943	-0.035949 mg/L	Y 371.029
V 268.796	-0.041875b	mg/L	0.000213	0.5	47.5984	-0.041875 mg/L	Y 371.029
V 292.401	-0.051384uvb	mg/L	0.000125	0.2	9.98106	-0.051384 mg/L	Y 371.029
V 311.837	-0.018908b	mg/L	0.000050	0.3	6.77359	-0.018908 mg/L	Y 371.029
Zn 202.548	-xb	mg/L	1.77601	0.8	1543385	- mg/L	Y 371.029
Zn 206.200	-xb	mg/L	3.81432	1.2	715760	- mg/L	Y 371.029
Zn 213.857	-xb	mg/L	1.54564	1.1	2062044	- mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.06913	8573.09	12.475	0.1
Y 371.029	0.911722	150349	306.907	0.2

1145200-BLK2 (Samp) **11/4/2011, 3:27:46 PM** **Rack 3, Tube 45**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000648	mg/L	0.000062	9.6	352.712	0.000648 mg/L	Y 371.029
Ag 338.289	0.000479uv	mg/L	0.001321	275.8	4.13356	0.000479 mg/L	Y 371.029
Al 237.312	0.030007	mg/L	0.001046	3.5	104.750	0.030007 mg/L	Y 371.029
Al 257.509	0.047468	mg/L	0.005143	10.8	42.2957	0.047468 mg/L	Y 371.029
Al 308.215	0.035335	mg/L	0.000111	0.3	815.942	0.035335 mg/L	Y 371.029
As 188.980	0.002653uv	mg/L	0.003148	118.7	4.87893	0.002653 mg/L	Y 371.029
As 193.696	0.001122uv	mg/L	0.001887	168.1	3.14431	0.001122 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.000641	16.8	8.10504	uncal mg/L	Y 371.029
B 182.577	0.008209	mg/L	0.001448	17.6	9.44434	0.008209 mg/L	Y 371.029
B 249.678	0.009505	mg/L	0.001234	13.0	141.598	0.009505 mg/L	Y 371.029
B 249.772	0.010037	mg/L	0.001345	13.4	306.600	0.010037 mg/L	Y 371.029
Ba 233.527	0.000130uv	mg/L	0.000144	110.6	169.823	0.000130 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	-0.000279uv	mg/L	0.000009	3.4	4306.98	-0.000279 mg/L	Y 371.029
Ba 493.408	-0.000268uv	mg/L	0.000022	8.3	2622.54	-0.000268 mg/L	Y 371.029
Be 234.861	0.000036	mg/L	0.000003	8.4	1.39303	0.000036 mg/L	Y 371.029
Be 313.042	-0.000404uv	mg/L	0.000003	0.7	1310.02	-0.000404 mg/L	Y 371.029
Be 313.107	0.000011uv	mg/L	0.000016	150.3	23.6884	0.000011 mg/L	Y 371.029
Ca 393.366	-0.003061nuv	mg/L	0.002826	92.3	34826.8	-0.003061 mg/L	Y 371.029
Ca 396.847	0.000245uv	mg/L	0.002613	1066.0	49722.9	0.000245 mg/L	Y 371.029
Ca 430.253	-0.014894uv	mg/L	0.004722	31.7	740.268	-0.014894 mg/L	Y 371.029
Cd 214.439	0.000164	mg/L	0.000108	66.0	7.15996	0.000164 mg/L	Y 371.029
Cd 226.502	0.000194	mg/L	0.000160	82.3	20.5944	0.000194 mg/L	Y 371.029
Cd 228.802	0.000231	mg/L	0.000157	68.1	17.5361	0.000231 mg/L	Y 371.029
Co 228.615	0.000348	mg/L	0.000302	86.8	3.95297	0.000348 mg/L	Y 371.029
Co 230.786	0.000136uv	mg/L	0.000304	223.2	5.68360	0.000136 mg/L	Y 371.029
Co 238.892	0.000289	mg/L	0.000033	11.5	4.53794	0.000289 mg/L	Y 371.029
Cr 205.560	0.000056uv	mg/L	0.000306	544.0	2.01731	0.000056 mg/L	Y 371.029
Cr 206.158	-0.000108uv	mg/L	0.000475	438.9	1.76185	-0.000108 mg/L	Y 371.029
Cr 267.716	-0.000005uv	mg/L	0.000152	2820.2	15.2965	-0.000005 mg/L	Y 371.029
Cu 213.598	0.000535	mg/L	0.000263	49.1	1.74957	0.000535 mg/L	Y 371.029
Cu 324.754	-0.002062uv	mg/L	0.000168	8.1	377.746	-0.002062 mg/L	Y 371.029
Cu 327.395	-0.000006uv	mg/L	0.000079	1297.1	17.8381	-0.000006 mg/L	Y 371.029
Fe 234.350	0.028398	mg/L	0.002615	9.2	239.065	0.028398 mg/L	Y 371.029
Fe 238.204	0.028696	mg/L	0.002611	9.1	494.593	0.028696 mg/L	Y 371.029
Fe 259.940	0.028659	mg/L	0.002694	9.4	430.951	0.028659 mg/L	Y 371.029
Ga 287.423	0.001616	mg/L	0.002250	139.2	13.7678	0.001616 mg/L	Y 371.029
Ga 294.363	-0.000468uv	mg/L	0.000111	23.6	6.04215	-0.000468 mg/L	Y 371.029
Ga 417.204	0.001580	mg/L	0.000809	51.2	52.8275	0.001580 mg/L	Y 371.029
K 766.491	0.000708	mg/L	0.000425	60.0	1861.49	0.000708 mg/L	Y 371.029
K 769.897	-0.000983uv	mg/L	0.002408	245.0	8470.15	-0.000983 mg/L	Y 371.029
Li 610.365	0.001101	mg/L	0.000078	7.1	-12.6978	0.001101 mg/L	Y 371.029
Li 670.783	0.001109	mg/L	0.000014	1.3	55673.4	0.001109 mg/L	Y 371.029
Mg 279.078	0.009481	mg/L	0.004763	50.2	17.3261	0.009481 mg/L	Y 371.029
Mg 280.270	0.000710uv	mg/L	0.001465	206.4	552.742	0.000710 mg/L	Y 371.029
Mg 285.213	0.000908uv	mg/L	0.001370	150.8	165.005	0.000908 mg/L	Y 371.029
Mn 257.610	0.000415	mg/L	0.000226	54.4	78.9047	0.000415 mg/L	Y 371.029
Mn 259.372	0.000599	mg/L	0.000202	33.7	93.8540	0.000599 mg/L	Y 371.029
Mn 260.568	0.000396	mg/L	0.000168	42.5	11.9461	0.000396 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000811	24.3	23.6644	uncal mg/L	Y 371.029
Mo 203.846	0.002438	mg/L	0.001086	44.6	9.81060	0.002438 mg/L	Y 371.029
Mo 204.598	0.002718	mg/L	0.001030	37.9	8.01890	0.002718 mg/L	Y 371.029
Na 568.821	1.00290	mg/L	0.078672	7.8	136.895	1.00290 mg/L	Y 371.029
Na 588.995	-0.228467uv	mg/L	0.004398	1.9	147085	-0.228467 mg/L	Y 371.029
Na 589.592	-0.507139uv	mg/L	0.003754	0.7	58703.6	-0.507139 mg/L	Y 371.029
Ni 216.555	0.000274uv	mg/L	0.000425	154.9	4.78544	0.000274 mg/L	Y 371.029
Ni 221.648	-0.000496uv	mg/L	0.000637	128.4	2.91240	-0.000496 mg/L	Y 371.029
Ni 231.604	-0.000892uv	mg/L	0.000455	51.0	5.59097	-0.000892 mg/L	Y 371.029
P 177.434	0.013849	mg/L	0.010406	75.1	1.03539	0.013849 mg/L	Y 371.029
P 213.618	0.002787	mg/L	0.002050	73.6	1.33603	0.002787 mg/L	Y 371.029
P 214.914	0.009896	mg/L	0.001873	18.9	1.38362	0.009896 mg/L	Y 371.029
Pb 220.353	-0.000662uv	mg/L	0.001600	241.8	3.94653	-0.000662 mg/L	Y 371.029
Pb 261.417	0.009561	mg/L	0.006584	68.9	11.6459	0.009561 mg/L	Y 371.029
Pb 405.781	-0.004607uv	mg/L	0.002191	47.6	79.3971	-0.004607 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.002537uv	mg/L	0.002501	98.6	4.79525	-0.002537 mg/L	Y 371.029
Sb 231.146	-0.003964uv	mg/L	0.002273	57.3	3.88434	-0.003964 mg/L	Y 371.029
Sb 259.804	-0.008986uv	mg/L	0.012047	134.1	8.33284	-0.008986 mg/L	Y 371.029
Se 196.026	-0.002699uv	mg/L	0.004580	169.7	3.58044	-0.002699 mg/L	Y 371.029
Se 203.985	0.015411	mg/L	0.005049	32.8	3.88439	0.015411 mg/L	Y 371.029
Si 250.690	0.151152	mg/L	0.000494	0.3	315.181	0.151152 mg/L	Y 371.029
Si 251.611	0.145469	mg/L	0.001268	0.9	353.375	0.145469 mg/L	Y 371.029
Si 288.158	0.142257	mg/L	0.004018	2.8	2336.92	0.142257 mg/L	Y 371.029
Sn 189.927	0.004501	mg/L	0.001401	31.1	2.67550	0.004501 mg/L	Y 371.029
Sn 283.998	0.000058uv	mg/L	0.002945	5087.0	8.23344	0.000058 mg/L	Y 371.029
Sr 216.596	0.000215	mg/L	0.000055	25.3	18.1914	0.000215 mg/L	Y 371.029
Sr 407.771	-0.000116uv	mg/L	0.000007	6.0	5423.23	-0.000116 mg/L	Y 371.029
Sr 421.552	-0.000052uv	mg/L	0.000009	17.0	3328.90	-0.000052 mg/L	Y 371.029
Ti 334.941	0.000020uv	mg/L	0.000186	908.8	136.011	0.000020 mg/L	Y 371.029
Ti 336.122	0.000405	mg/L	0.000066	16.2	47.8064	0.000405 mg/L	Y 371.029
Ti 337.280	0.000113uv	mg/L	0.000222	197.3	13.6707	0.000113 mg/L	Y 371.029
Tl 190.794	-0.004291uv	mg/L	0.001615	37.6	0.680085	-0.004291 mg/L	Y 371.029
Tl 190.807	0.002238	mg/L	0.000712	31.8	0.974367	0.002238 mg/L	Y 371.029
Tl 351.923	0.004920	mg/L	0.006179	125.6	11.6960	0.004920 mg/L	Y 371.029
V 268.796	0.000297	mg/L	0.000346	116.4	24.2546	0.000297 mg/L	Y 371.029
V 292.401	-0.000087uv	mg/L	0.000041	46.9	19.0694	-0.000087 mg/L	Y 371.029
V 311.837	0.000159	mg/L	0.000034	21.2	7.41512	0.000159 mg/L	Y 371.029
Zn 202.548	0.016130	mg/L	0.005940	36.8	632.279	0.016130 mg/L	Y 371.029
Zn 206.200	0.014991	mg/L	0.006124	40.9	204.723	0.014991 mg/L	Y 371.029
Zn 213.857	0.015364	mg/L	0.005470	35.6	1264.00	0.015364 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14429	9175.82	54.402	0.6
Y 371.029	0.955111	157505	755.851	0.5

1145200-BS2 (Samp) **11/4/2011, 3:31:18 PM** **Rack 3, Tube 46**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.516732	mg/L	0.001312	0.3	23826.0	0.516732 mg/L	Y 371.029
Ag 338.289	0.507510	mg/L	0.000597	0.1	1431.31	0.507510 mg/L	Y 371.029
Al 237.312	5.16479	mg/L	0.024081	0.5	6968.37	5.16479 mg/L	Y 371.029
Al 257.509	5.11115	mg/L	0.015042	0.3	2981.21	5.11115 mg/L	Y 371.029
Al 308.215	5.28468	mg/L	0.005065	0.1	28663.8	5.28468 mg/L	Y 371.029
As 188.980	1.04255	mg/L	0.006660	0.6	299.019	1.04255 mg/L	Y 371.029
As 193.696	1.04154	mg/L	0.003788	0.4	343.167	1.04154 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.037859	2.2	1500.11	uncal mg/L	Y 371.029
B 182.577	1.00943	mg/L	0.019858	2.0	437.084	1.00943 mg/L	Y 371.029
B 249.678	1.01130	mg/L	0.017755	1.8	7935.67	1.01130 mg/L	Y 371.029
B 249.772	0.998804	mg/L	0.015737	1.6	17124.8	0.998804 mg/L	Y 371.029
Ba 233.527	1.05148	mg/L	0.001255	0.1	35457.5	1.05148 mg/L	Y 371.029
Ba 455.403	0.974807	mg/L	0.002352	0.2	925804	0.974807 mg/L	Y 371.029
Ba 493.408	0.994575	mg/L	0.002123	0.2	550474	0.994575 mg/L	Y 371.029
Be 234.861	1.03908	mg/L	0.001534	0.1	104224	1.03908 mg/L	Y 371.029
Be 313.042	1.03422	mg/L	0.003814	0.4	1601402	1.03422 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	1.03902	mg/L	0.003114	0.3	768427	1.03902 mg/L	Y 371.029
Ca 393.366	8.98400n	mg/L	0.023076	0.3	11598709	8.98400 mg/L	Y 371.029
Ca 396.847	8.88029	mg/L	0.016372	0.2	17670428	8.88029 mg/L	Y 371.029
Ca 430.253	9.84966	mg/L	0.021720	0.2	37324.7	9.84966 mg/L	Y 371.029
Cd 214.439	1.04559	mg/L	0.018414	1.8	16840.5	1.04559 mg/L	Y 371.029
Cd 226.502	1.06497	mg/L	0.001633	0.2	31595.7	1.06497 mg/L	Y 371.029
Cd 228.802	1.01191	mg/L	0.016161	1.6	13359.8	1.01191 mg/L	Y 371.029
Co 228.615	1.03645	mg/L	0.017461	1.7	8502.04	1.03645 mg/L	Y 371.029
Co 230.786	1.05708	mg/L	0.004198	0.4	5677.49	1.05708 mg/L	Y 371.029
Co 238.892	1.02523	mg/L	0.002093	0.2	5208.41	1.02523 mg/L	Y 371.029
Cr 205.560	1.02045	mg/L	0.000978	0.1	3730.71	1.02045 mg/L	Y 371.029
Cr 206.158	1.03557	mg/L	0.000743	0.1	1578.20	1.03557 mg/L	Y 371.029
Cr 267.716	1.02600	mg/L	0.001534	0.1	19491.3	1.02600 mg/L	Y 371.029
Cu 213.598	1.04965	mg/L	0.008007	0.8	3284.07	1.04965 mg/L	Y 371.029
Cu 324.754	1.00047	mg/L	0.003631	0.4	34324.8	1.00047 mg/L	Y 371.029
Cu 327.395	1.01913	mg/L	0.001661	0.2	43966.6	1.01913 mg/L	Y 371.029
Fe 234.350	5.39900	mg/L	0.011181	0.2	40101.3	5.39900 mg/L	Y 371.029
Fe 238.204	5.25649	mg/L	0.028117	0.5	85325.6	5.25649 mg/L	Y 371.029
Fe 259.940	5.31848	mg/L	0.018266	0.3	72436.9	5.31848 mg/L	Y 371.029
Ga 287.423	0.998892	mg/L	0.008619	0.9	2287.52	0.998892 mg/L	Y 371.029
Ga 294.363	1.01777	mg/L	0.001559	0.2	5963.21	1.01777 mg/L	Y 371.029
Ga 417.204	0.980792	mg/L	0.001054	0.1	9020.36	0.980792 mg/L	Y 371.029
K 766.491	10.4712	mg/L	0.047049	0.4	575833	10.4712 mg/L	Y 371.029
K 769.897	10.6643	mg/L	0.011064	0.1	491525	10.6643 mg/L	Y 371.029
Li 610.365	1.05666	mg/L	0.001003	0.1	42801.2	1.05666 mg/L	Y 371.029
Li 670.783	1.13865	mg/L	0.001327	0.1	2939499	1.13865 mg/L	Y 371.029
Mg 279.078	10.6205	mg/L	0.032520	0.3	13958.4	10.6205 mg/L	Y 371.029
Mg 280.270	10.2306	mg/L	0.015031	0.1	928519	10.2306 mg/L	Y 371.029
Mg 285.213	10.9057	mg/L	0.098605	0.9	327465	10.9057 mg/L	Y 371.029
Mn 257.610	1.01863	mg/L	0.008063	0.8	139334	1.01863 mg/L	Y 371.029
Mn 259.372	1.02311	mg/L	0.006173	0.6	103292	1.02311 mg/L	Y 371.029
Mn 260.568	1.01594	mg/L	0.004675	0.5	18372.1	1.01594 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.029273	3.0	3054.10	uncal mg/L	Y 371.029
Mo 203.846	1.00237	mg/L	0.035829	3.6	1243.90	1.00237 mg/L	Y 371.029
Mo 204.598	0.994650	mg/L	0.031970	3.2	1457.58	0.994650 mg/L	Y 371.029
Na 568.821	9.44169	mg/L	0.054960	0.6	2421.48	9.44169 mg/L	Y 371.029
Na 588.995	10.6238	mg/L	0.043050	0.4	4778223	10.6238 mg/L	Y 371.029
Na 589.592	11.2919	mg/L	0.012140	0.1	2666200	11.2919 mg/L	Y 371.029
Ni 216.555	1.05591	mg/L	0.002847	0.3	4709.59	1.05591 mg/L	Y 371.029
Ni 221.648	1.02820	mg/L	0.002309	0.2	1866.22	1.02820 mg/L	Y 371.029
Ni 231.604	1.04442	mg/L	0.003954	0.4	3143.37	1.04442 mg/L	Y 371.029
P 177.434	1.28332	mg/L	0.005201	0.4	52.6379	1.28332 mg/L	Y 371.029
P 213.618	1.08231	mg/L	0.007140	0.7	563.425	1.08231 mg/L	Y 371.029
P 214.914	1.03626	mg/L	0.011135	1.1	167.327	1.03626 mg/L	Y 371.029
Pb 220.353	1.04047	mg/L	0.008110	0.8	1020.50	1.04047 mg/L	Y 371.029
Pb 261.417	0.791992	mg/L	0.002796	0.4	397.274	0.791992 mg/L	Y 371.029
Pb 405.781	0.953105	mg/L	0.002844	0.3	1343.18	0.953105 mg/L	Y 371.029
Sb 206.834	1.07851	mg/L	0.005347	0.5	624.668	1.07851 mg/L	Y 371.029
Sb 231.146	1.10624	mg/L	0.018199	1.6	525.769	1.10624 mg/L	Y 371.029
Sb 259.804	0.872804	mg/L	0.012379	1.4	348.805	0.872804 mg/L	Y 371.029
Se 196.026	1.04789	mg/L	0.032492	3.1	239.562	1.04789 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	1.10260	mg/L	0.025476	2.3	162.278	1.10260 mg/L	Y 371.029
Si 250.690	1.19378	mg/L	0.005544	0.5	1552.08	1.19378 mg/L	Y 371.029
Si 251.611	1.14551	mg/L	0.004713	0.4	1765.64	1.14551 mg/L	Y 371.029
Si 288.158	1.19740	mg/L	0.004305	0.4	9186.95	1.19740 mg/L	Y 371.029
Sn 189.927	1.05811	mg/L	0.012773	1.2	220.764	1.05811 mg/L	Y 371.029
Sn 283.998	1.08012	mg/L	0.005445	0.5	2312.16	1.08012 mg/L	Y 371.029
Sr 216.596	1.06434	mg/L	0.001780	0.2	8293.29	1.06434 mg/L	Y 371.029
Sr 407.771	1.02487	mg/L	0.006452	0.6	2590002	1.02487 mg/L	Y 371.029
Sr 421.552	1.04352	mg/L	0.009034	0.9	1637594	1.04352 mg/L	Y 371.029
Ti 334.941	1.02899	mg/L	0.006328	0.6	196131	1.02899 mg/L	Y 371.029
Ti 336.122	1.02696	mg/L	0.007549	0.7	83567.9	1.02696 mg/L	Y 371.029
Ti 337.280	1.02701	mg/L	0.001044	0.1	30050.7	1.02701 mg/L	Y 371.029
Tl 190.794	1.06077	mg/L	0.005052	0.5	304.637	1.06077 mg/L	Y 371.029
Tl 190.807	1.02736	mg/L	0.003907	0.4	164.328	1.02736 mg/L	Y 371.029
Tl 351.923	1.04476	mg/L	0.008706	0.8	1224.87	1.04476 mg/L	Y 371.029
V 268.796	0.959068	mg/L	0.004167	0.4	8515.99	0.959068 mg/L	Y 371.029
V 292.401	1.00493	mg/L	0.000782	0.1	31972.3	1.00493 mg/L	Y 371.029
V 311.837	1.01673	mg/L	0.000634	0.1	44535.2	1.01673 mg/L	Y 371.029
Zn 202.548	1.08332	mg/L	0.004942	0.5	8379.79	1.08332 mg/L	Y 371.029
Zn 206.200	1.07160	mg/L	0.003079	0.3	2677.34	1.07160 mg/L	Y 371.029
Zn 213.857	1.04437	mg/L	0.013500	1.3	16590.3	1.04437 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14300	9165.48	58.871	0.6
Y 371.029	0.955423	157556	820.401	0.5

11J1391-21 (Samp) **11/4/2011, 3:35:33 PM** **Rack 3, Tube 47**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.044764b	mg/L	0.000246	0.5	358.334	-0.044764 mg/L	Y 371.029
Ag 338.289	-0.001560b	mg/L	0.002140	137.2	11.3937	-0.001560 mg/L	Y 371.029
Al 237.312	-0.142242uvb	mg/L	0.002348	1.7	65.5808	-0.142242 mg/L	Y 371.029
Al 257.509	-0.371768b	mg/L	0.014252	3.8	28.5064	-0.371768 mg/L	Y 371.029
Al 308.215	0.443163b	mg/L	0.001215	0.3	877.298	0.443163 mg/L	Y 371.029
As 188.980	0.144814b	mg/L	0.004029	2.8	8.40617	0.144814 mg/L	Y 371.029
As 193.696	0.098952b	mg/L	0.004899	5.0	6.10637	0.098952 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.085574	10.6	1010.17	uncal mg/L	Y 371.029
B 182.577	0.707053b	mg/L	0.016022	2.3	311.535	0.707053 mg/L	Y 371.029
B 249.678	0.644503b	mg/L	0.013619	2.1	5386.69	0.644503 mg/L	Y 371.029
B 249.772	0.669274b	mg/L	0.014509	2.2	12474.0	0.669274 mg/L	Y 371.029
Ba 233.527	0.034784b	mg/L	0.000443	1.3	1609.58	0.034784 mg/L	Y 371.029
Ba 455.403	0.038002b	mg/L	0.000337	0.9	42527.5	0.038002 mg/L	Y 371.029
Ba 493.408	0.036053b	mg/L	0.000387	1.1	25499.3	0.036053 mg/L	Y 371.029
Be 234.861	0.001441uvb	mg/L	0.002113	146.7	-89.2516	0.001441 mg/L	Y 371.029
Be 313.042	0.000173uvb	mg/L	0.000006	3.7	1675.07	0.000173 mg/L	Y 371.029
Be 313.107	-0.000017b	mg/L	0.000011	67.4	88.0854	-0.000017 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.295853	0.9	44847620	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.197790	0.9	43002084	- mg/L	Y 371.029
Ca 430.253	129.501b	mg/L	2.52403	1.9	485654	129.501 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.928523b	mg/L	0.028792	3.1	14973.5	0.928523 mg/L	Y 371.029
Cd 226.502	0.934275b	mg/L	0.009549	1.0	27915.6	0.934275 mg/L	Y 371.029
Cd 228.802	0.954980b	mg/L	0.031830	3.3	12604.8	0.954980 mg/L	Y 371.029
Co 228.615	0.037619b	mg/L	0.000675	1.8	390.126	0.037619 mg/L	Y 371.029
Co 230.786	0.033979b	mg/L	0.000737	2.2	282.655	0.033979 mg/L	Y 371.029
Co 238.892	0.019433uvb	mg/L	0.009570	49.2	-123.508	0.019433 mg/L	Y 371.029
Cr 205.560	-0.013094b	mg/L	0.000422	3.2	17.6154	-0.013094 mg/L	Y 371.029
Cr 206.158	-0.032179b	mg/L	0.005360	16.7	24.3661	-0.032179 mg/L	Y 371.029
Cr 267.716	-0.010296b	mg/L	0.000204	2.0	102.378	-0.010296 mg/L	Y 371.029
Cu 213.598	-0.027873b	mg/L	0.000343	1.2	123.623	-0.027873 mg/L	Y 371.029
Cu 324.754	0.063668b	mg/L	0.000213	0.3	889.469	0.063668 mg/L	Y 371.029
Cu 327.395	-0.008794b	mg/L	0.000161	1.8	695.953	-0.008794 mg/L	Y 371.029
Fe 234.350	65.3180b	mg/L	1.86941	2.9	483280	65.3180 mg/L	Y 371.029
Fe 238.204	62.7850b	mg/L	2.06541	3.3	1018290	62.7850 mg/L	Y 371.029
Fe 259.940	63.9341b	mg/L	2.44576	3.8	869411	63.9341 mg/L	Y 371.029
Ga 287.423	-0.206769b	mg/L	0.004274	2.1	586.959	-0.206769 mg/L	Y 371.029
Ga 294.363	-0.030360b	mg/L	0.000869	2.9	28.3415	-0.030360 mg/L	Y 371.029
Ga 417.204	-0.013581b	mg/L	0.001134	8.4	201.339	-0.013581 mg/L	Y 371.029
K 766.491	61.4954b	mg/L	0.411200	0.7	3380021	61.4954 mg/L	Y 371.029
K 769.897	65.3447b	mg/L	0.439707	0.7	2985872	65.3447 mg/L	Y 371.029
Li 610.365	0.002446b	mg/L	0.000071	2.9	41.8618	0.002446 mg/L	Y 371.029
Li 670.783	-0.017655b	mg/L	0.000197	1.1	69581.7	-0.017655 mg/L	Y 371.029
Mg 279.078	216.420b	mg/L	1.78102	0.8	284343	216.420 mg/L	Y 371.029
Mg 280.270	104.225b	mg/L	0.875635	0.8	9456568	104.225 mg/L	Y 371.029
Mg 285.213	180.120b	mg/L	3.04619	1.7	5406970	180.120 mg/L	Y 371.029
Mn 257.610	3.85125b	mg/L	0.142540	3.7	519644	3.85125 mg/L	Y 371.029
Mn 259.372	3.80275b	mg/L	0.148204	3.9	389931	3.80275 mg/L	Y 371.029
Mn 260.568	3.79098b	mg/L	0.106187	2.8	69290.6	3.79098 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.003061	0.3	80.5761	uncal mg/L	Y 371.029
Mo 203.846	-1.11605b	mg/L	0.002674	0.2	39.2967	-1.11605 mg/L	Y 371.029
Mo 204.598	-1.14250b	mg/L	0.005163	0.5	36.8638	-1.14250 mg/L	Y 371.029
Na 568.821	-xb	mg/L	13.6779	0.7	522879	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.754118	1.0	31509382	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.16995	0.8	32417542	- mg/L	Y 371.029
Ni 216.555	-0.013226b	mg/L	0.000348	2.6	156.681	-0.013226 mg/L	Y 371.029
Ni 221.648	-0.028415b	mg/L	0.000582	2.0	55.3906	-0.028415 mg/L	Y 371.029
Ni 231.604	-0.010172b	mg/L	0.000556	5.5	121.546	-0.010172 mg/L	Y 371.029
P 177.434	0.071766b	mg/L	0.012824	17.9	1.08025	0.071766 mg/L	Y 371.029
P 213.618	-0.178539b	mg/L	0.003941	2.2	3.71366	-0.178539 mg/L	Y 371.029
P 214.914	0.063715b	mg/L	0.009317	14.6	11.7683	0.063715 mg/L	Y 371.029
Pb 220.353	-0.021978uvb	mg/L	0.000376	1.7	-0.382148	-0.021978 mg/L	Y 371.029
Pb 261.417	-0.403319uvb	mg/L	0.014421	3.6	6.50423	-0.403319 mg/L	Y 371.029
Pb 405.781	-0.116807b	mg/L	0.009921	8.5	267.509	-0.116807 mg/L	Y 371.029
Sb 206.834	-0.202899uvb	mg/L	0.003911	1.9	5.22392	-0.202899 mg/L	Y 371.029
Sb 231.146	0.152618b	mg/L	0.004198	2.8	10.6130	0.152618 mg/L	Y 371.029
Sb 259.804	0.014510b	mg/L	0.117791	811.8	52.3406	0.014510 mg/L	Y 371.029
Se 196.026	0.057728b	mg/L	0.007110	12.3	7.76249	0.057728 mg/L	Y 371.029
Se 203.985	0.175120b	mg/L	0.003673	2.1	5.55953	0.175120 mg/L	Y 371.029
Si 250.690	9.28031b	mg/L	0.160863	1.7	11157.6	9.28031 mg/L	Y 371.029
Si 251.611	8.88618b	mg/L	0.143741	1.6	12816.0	8.88618 mg/L	Y 371.029
Si 288.158	9.70665b	mg/L	0.214610	2.2	64393.2	9.70665 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	-0.021467b	mg/L	0.003421	15.9	3.06265	-0.021467 mg/L	Y 371.029
Sn 283.998	-0.129398b	mg/L	0.003142	2.4	22.1602	-0.129398 mg/L	Y 371.029
Sr 216.596	1.27867b	mg/L	0.069254	5.4	10058.5	1.27867 mg/L	Y 371.029
Sr 407.771	1.25406b	mg/L	0.015088	1.2	3177080	1.25406 mg/L	Y 371.029
Sr 421.552	1.27374b	mg/L	0.026335	2.1	2004525	1.27374 mg/L	Y 371.029
Ti 334.941	-0.006553b	mg/L	0.000401	6.1	379.693	-0.006553 mg/L	Y 371.029
Ti 336.122	-0.007334b	mg/L	0.000613	8.4	110.247	-0.007334 mg/L	Y 371.029
Ti 337.280	-0.011129b	mg/L	0.000104	0.9	51.7455	-0.011129 mg/L	Y 371.029
Tl 190.794	0.016098uvb	mg/L	0.004776	29.7	2.71356	0.016098 mg/L	Y 371.029
Tl 190.807	-0.037531b	mg/L	0.002854	7.6	1.83261	-0.037531 mg/L	Y 371.029
Tl 351.923	0.070491uvb	mg/L	0.006076	8.6	10.8477	0.070491 mg/L	Y 371.029
V 268.796	-0.157008b	mg/L	0.001120	0.7	67.0537	-0.157008 mg/L	Y 371.029
V 292.401	-0.015027b	mg/L	0.000119	0.8	42.5038	-0.015027 mg/L	Y 371.029
V 311.837	-0.008125b	mg/L	0.000090	1.1	15.0858	-0.008125 mg/L	Y 371.029
Zn 202.548	34.2869b	mg/L	0.550593	1.6	247956	34.2869 mg/L	Y 371.029
Zn 206.200	35.7083b	mg/L	0.935317	2.6	83906.1	35.7083 mg/L	Y 371.029
Zn 213.857	34.8215b	mg/L	0.821488	2.4	517229	34.8215 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.995420	7982.06	23.476	0.3
Y 371.029	0.836374	137924	1036.593	0.8

11J1391-22 (Samp) **11/4/2011, 3:39:47 PM** **Rack 3, Tube 48**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000575	mg/L	0.000225	39.1	351.888	-0.000575 mg/L	Y 371.029
Ag 338.289	0.002672	mg/L	0.001868	69.9	9.96859	0.002672 mg/L	Y 371.029
Al 237.312	0.618414	mg/L	0.005296	0.9	900.665	0.618414 mg/L	Y 371.029
Al 257.509	0.648722	mg/L	0.011667	1.8	391.279	0.648722 mg/L	Y 371.029
Al 308.215	0.624468	mg/L	0.002536	0.4	3894.54	0.624468 mg/L	Y 371.029
As 188.980	0.033244	mg/L	0.004999	15.0	13.2516	0.033244 mg/L	Y 371.029
As 193.696	0.025407	mg/L	0.001128	4.4	10.8030	0.025407 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002019	5.1	22.6442	uncal mg/L	Y 371.029
B 182.577	0.232279	mg/L	0.003172	1.4	105.883	0.232279 mg/L	Y 371.029
B 249.678	0.229360	mg/L	0.001632	0.7	1863.99	0.229360 mg/L	Y 371.029
B 249.772	0.226780	mg/L	0.002197	1.0	4003.77	0.226780 mg/L	Y 371.029
Ba 233.527	0.028223	mg/L	0.000029	0.1	1145.05	0.028223 mg/L	Y 371.029
Ba 455.403	0.026904	mg/L	0.000052	0.2	30798.0	0.026904 mg/L	Y 371.029
Ba 493.408	0.027167	mg/L	0.000037	0.1	18201.9	0.027167 mg/L	Y 371.029
Be 234.861	0.000066	mg/L	0.000026	39.2	2.90344	0.000066 mg/L	Y 371.029
Be 313.042	-0.000296uv	mg/L	0.000005	1.7	1486.90	-0.000296 mg/L	Y 371.029
Be 313.107	0.000054	mg/L	0.000007	12.5	62.7162	0.000054 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.668249	2.5	34812620	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.111656	0.6	37954196	- mg/L	Y 371.029
Ca 430.253	42.3740	mg/L	0.126960	0.3	157526	42.3740 mg/L	Y 371.029
Cd 214.439	0.000147	mg/L	0.000086	58.6	6.76472	0.000147 mg/L	Y 371.029
Cd 226.502	0.000104	mg/L	0.000117	113.4	21.4852	0.000104 mg/L	Y 371.029
Cd 228.802	0.000372	mg/L	0.000275	73.9	19.0956	0.000372 mg/L	Y 371.029
Co 228.615	0.001926	mg/L	0.000226	11.7	14.2401	0.001926 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.002057	mg/L	0.000386	18.8	15.9894	0.002057 mg/L	Y 371.029
Co 238.892	0.000770	mg/L	0.000391	50.8	6.49919	0.000770 mg/L	Y 371.029
Cr 205.560	0.010478	mg/L	0.000646	6.2	42.5356	0.010478 mg/L	Y 371.029
Cr 206.158	0.010872	mg/L	0.000414	3.8	18.6734	0.010872 mg/L	Y 371.029
Cr 267.716	0.010635	mg/L	0.000115	1.1	227.841	0.010635 mg/L	Y 371.029
Cu 213.598	0.001462	mg/L	0.000395	27.0	7.07348	0.001462 mg/L	Y 371.029
Cu 324.754	0.001828	mg/L	0.000124	6.8	466.882	0.001828 mg/L	Y 371.029
Cu 327.395	0.001622	mg/L	0.000099	6.1	114.494	0.001622 mg/L	Y 371.029
Fe 234.350	0.446248	mg/L	0.005721	1.3	3422.75	0.446248 mg/L	Y 371.029
Fe 238.204	0.435728	mg/L	0.007179	1.6	7311.54	0.435728 mg/L	Y 371.029
Fe 259.940	0.435734	mg/L	0.005297	1.2	6075.11	0.435734 mg/L	Y 371.029
Ga 287.423	-0.003697uv	mg/L	0.002247	60.8	11.3584	-0.003697 mg/L	Y 371.029
Ga 294.363	0.002299uv	mg/L	0.002234	97.2	18.5933	0.002299 mg/L	Y 371.029
Ga 417.204	0.002392	mg/L	0.000531	22.2	54.6710	0.002392 mg/L	Y 371.029
K 766.491	9.80076	mg/L	0.033218	0.3	539140	9.80076 mg/L	Y 371.029
K 769.897	9.58738	mg/L	0.015062	0.2	443009	9.58738 mg/L	Y 371.029
Li 610.365	0.005734	mg/L	0.000639	11.1	175.218	0.005734 mg/L	Y 371.029
Li 670.783	0.016578	mg/L	0.000152	0.9	96864.5	0.016578 mg/L	Y 371.029
Mg 279.078	17.0823	mg/L	0.070009	0.4	22448.1	17.0823 mg/L	Y 371.029
Mg 280.270	16.0235	mg/L	0.144546	0.9	1453831	16.0235 mg/L	Y 371.029
Mg 285.213	17.5858	mg/L	0.201128	1.1	527906	17.5858 mg/L	Y 371.029
Mn 257.610	0.004611	mg/L	0.000055	1.2	868.773	0.004611 mg/L	Y 371.029
Mn 259.372	0.004363	mg/L	0.000086	2.0	718.915	0.004363 mg/L	Y 371.029
Mn 260.568	0.008412	mg/L	0.000085	1.0	243.716	0.008412 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001260	31.9	46.9055	uncal mg/L	Y 371.029
Mo 203.846	0.003109	mg/L	0.001213	39.0	19.0464	0.003109 mg/L	Y 371.029
Mo 204.598	0.003086	mg/L	0.001844	59.8	18.6320	0.003086 mg/L	Y 371.029
Na 568.821	7.65625	mg/L	0.101716	1.3	1971.80	7.65625 mg/L	Y 371.029
Na 588.995	8.62957	mg/L	0.032873	0.4	3928086	8.62957 mg/L	Y 371.029
Na 589.592	8.70462	mg/L	0.022507	0.3	2094295	8.70462 mg/L	Y 371.029
Ni 216.555	0.003629	mg/L	0.000112	3.1	22.2824	0.003629 mg/L	Y 371.029
Ni 221.648	0.004602	mg/L	0.001456	31.6	13.2286	0.004602 mg/L	Y 371.029
Ni 231.604	0.004052	mg/L	0.000641	15.8	25.0131	0.004052 mg/L	Y 371.029
P 177.434	0.023997	mg/L	0.005926	24.7	1.43016	0.023997 mg/L	Y 371.029
P 213.618	0.011357	mg/L	0.001055	9.3	6.97942	0.011357 mg/L	Y 371.029
P 214.914	0.019367	mg/L	0.007149	36.9	3.24473	0.019367 mg/L	Y 371.029
Pb 220.353	0.000637	mg/L	0.001566	245.8	5.92192	0.000637 mg/L	Y 371.029
Pb 261.417	0.006773	mg/L	0.003765	55.6	9.48002	0.006773 mg/L	Y 371.029
Pb 405.781	-0.016549uv	mg/L	0.004261	25.7	83.2386	-0.016549 mg/L	Y 371.029
Sb 206.834	-0.005221uv	mg/L	0.003190	61.1	5.98789	-0.005221 mg/L	Y 371.029
Sb 231.146	-0.017291uv	mg/L	0.000443	2.6	4.68448	-0.017291 mg/L	Y 371.029
Sb 259.804	-0.039671uv	mg/L	0.006806	17.2	3.63851	-0.039671 mg/L	Y 371.029
Se 196.026	0.010206	mg/L	0.002018	19.8	7.29371	0.010206 mg/L	Y 371.029
Se 203.985	0.018410uv	mg/L	0.016547	89.9	3.57971	0.018410 mg/L	Y 371.029
Si 250.690	13.3739	mg/L	0.146844	1.1	15782.3	13.3739 mg/L	Y 371.029
Si 251.611	12.9454	mg/L	0.103858	0.8	18034.0	12.9454 mg/L	Y 371.029
Si 288.158	13.6643	mg/L	0.078968	0.6	90021.3	13.6643 mg/L	Y 371.029
Sn 189.927	0.005413	mg/L	0.000537	9.9	2.77440	0.005413 mg/L	Y 371.029
Sn 283.998	-0.000569	mg/L	0.003319	583.3	22.7462	-0.000569 mg/L	Y 371.029
Sr 216.596	0.252660	mg/L	0.002123	0.8	1988.02	0.252660 mg/L	Y 371.029
Sr 407.771	0.240780	mg/L	0.002145	0.9	615378	0.240780 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.253162	mg/L	0.000061	0.0	401430	0.253162 mg/L	Y 371.029
Ti 334.941	0.014771	mg/L	0.005008	33.9	2987.17	0.014771 mg/L	Y 371.029
Ti 336.122	0.012536	mg/L	0.000925	7.4	1039.32	0.012536 mg/L	Y 371.029
Ti 337.280	0.012086	mg/L	0.000672	5.6	376.653	0.012086 mg/L	Y 371.029
Tl 190.794	-0.002075uv	mg/L	0.002205	106.3	0.964963	-0.002075 mg/L	Y 371.029
Tl 190.807	0.015052	mg/L	0.002972	19.7	2.56108	0.015052 mg/L	Y 371.029
Tl 351.923	0.002257	mg/L	0.002936	130.1	10.5052	0.002257 mg/L	Y 371.029
V 268.796	0.058785	mg/L	0.000815	1.4	505.266	0.058785 mg/L	Y 371.029
V 292.401	0.063551	mg/L	0.000484	0.8	2045.26	0.063551 mg/L	Y 371.029
V 311.837	0.062005	mg/L	0.000072	0.1	2718.55	0.062005 mg/L	Y 371.029
Zn 202.548	0.026639	mg/L	0.000785	2.9	744.416	0.026639 mg/L	Y 371.029
Zn 206.200	0.028530	mg/L	0.000489	1.7	249.669	0.028530 mg/L	Y 371.029
Zn 213.857	0.027425	mg/L	0.001207	4.4	1525.51	0.027425 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.10766	8882.07	19.543	0.2
Y 371.029	0.925710	152656	473.787	0.3

11J1391-23 (Samp) **11/4/2011, 3:43:41 PM** **Rack 3, Tube 49**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000316	mg/L	0.000079	25.0	356.372	-0.000316 mg/L	Y 371.029
Ag 338.289	0.000835	mg/L	0.000696	83.4	5.00593	0.000835 mg/L	Y 371.029
Al 237.312	-0.006850uv	mg/L	0.001014	14.8	61.6161	-0.006850 mg/L	Y 371.029
Al 257.509	0.013891	mg/L	0.007758	55.9	22.8071	0.013891 mg/L	Y 371.029
Al 308.215	0.015385	mg/L	0.000511	3.3	672.981	0.015385 mg/L	Y 371.029
As 188.980	0.134746	mg/L	0.002636	2.0	42.1143	0.134746 mg/L	Y 371.029
As 193.696	0.135286	mg/L	0.003766	2.8	46.7518	0.135286 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.009118	6.2	69.1074	uncal mg/L	Y 371.029
B 182.577	0.182052	mg/L	0.002956	1.6	84.2398	0.182052 mg/L	Y 371.029
B 249.678	0.182961	mg/L	0.002685	1.5	1499.84	0.182961 mg/L	Y 371.029
B 249.772	0.179569	mg/L	0.001465	0.8	3196.38	0.179569 mg/L	Y 371.029
Ba 233.527	0.021893	mg/L	0.000079	0.4	922.161	0.021893 mg/L	Y 371.029
Ba 455.403	0.020714	mg/L	0.000139	0.7	24688.7	0.020714 mg/L	Y 371.029
Ba 493.408	0.021133	mg/L	0.000118	0.6	14725.9	0.021133 mg/L	Y 371.029
Be 234.861	0.000042	mg/L	0.000009	20.4	1.20204	0.000042 mg/L	Y 371.029
Be 313.042	-0.000374uv	mg/L	0.000012	3.2	1353.96	-0.000374 mg/L	Y 371.029
Be 313.107	0.000015	mg/L	0.000007	47.4	31.7251	0.000015 mg/L	Y 371.029
Ca 393.366	22.5548n	mg/L	0.176902	0.8	29044234	22.5548 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.172912	0.9	37309132	- mg/L	Y 371.029
Ca 430.253	31.6526	mg/L	0.143892	0.5	117867	31.6526 mg/L	Y 371.029
Cd 214.439	0.000176	mg/L	0.000080	45.4	7.28107	0.000176 mg/L	Y 371.029
Cd 226.502	0.000167	mg/L	0.000068	40.6	22.2995	0.000167 mg/L	Y 371.029
Cd 228.802	0.001721	mg/L	0.000196	11.4	36.9347	0.001721 mg/L	Y 371.029
Co 228.615	0.002048	mg/L	0.000133	6.5	16.6179	0.002048 mg/L	Y 371.029
Co 230.786	0.002108	mg/L	0.000268	12.7	16.7627	0.002108 mg/L	Y 371.029
Co 238.892	0.001734	mg/L	0.000393	22.7	11.9529	0.001734 mg/L	Y 371.029
Cr 205.560	-0.000148uv	mg/L	0.000366	247.6	2.54436	-0.000148 mg/L	Y 371.029
Cr 206.158	0.000560uv	mg/L	0.000790	141.0	2.73655	0.000560 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	-0.000204uv	mg/L	0.000310	152.1	16.7718	-0.000204 mg/L	Y 371.029
Cu 213.598	0.000568	mg/L	0.000125	22.0	3.47286	0.000568 mg/L	Y 371.029
Cu 324.754	0.000093uv	mg/L	0.000176	188.6	416.242	0.000093 mg/L	Y 371.029
Cu 327.395	0.000656	mg/L	0.000025	3.8	62.4504	0.000656 mg/L	Y 371.029
Fe 234.350	0.240964	mg/L	0.000949	0.4	1859.48	0.240964 mg/L	Y 371.029
Fe 238.204	0.237172	mg/L	0.000605	0.3	3990.93	0.237172 mg/L	Y 371.029
Fe 259.940	0.233445	mg/L	0.000716	0.3	3273.99	0.233445 mg/L	Y 371.029
Ga 287.423	-0.001196uv	mg/L	0.001044	87.4	11.8277	-0.001196 mg/L	Y 371.029
Ga 294.363	0.000717uv	mg/L	0.000324	45.2	9.76019	0.000717 mg/L	Y 371.029
Ga 417.204	0.001927	mg/L	0.001032	53.6	47.2502	0.001927 mg/L	Y 371.029
K 766.491	9.55853	mg/L	0.058571	0.6	525796	9.55853 mg/L	Y 371.029
K 769.897	9.32907	mg/L	0.037893	0.4	431285	9.32907 mg/L	Y 371.029
Li 610.365	0.002856	mg/L	0.000337	11.8	58.5024	0.002856 mg/L	Y 371.029
Li 670.783	0.006132	mg/L	0.000081	1.3	69611.5	0.006132 mg/L	Y 371.029
Mg 279.078	8.56726	mg/L	0.045562	0.5	11260.8	8.56726 mg/L	Y 371.029
Mg 280.270	8.29877	mg/L	0.030828	0.4	753233	8.29877 mg/L	Y 371.029
Mg 285.213	8.74544	mg/L	0.127364	1.5	262597	8.74544 mg/L	Y 371.029
Mn 257.610	0.136848	mg/L	0.001742	1.3	18483.6	0.136848 mg/L	Y 371.029
Mn 259.372	0.135741	mg/L	0.001974	1.5	13653.4	0.135741 mg/L	Y 371.029
Mn 260.568	0.136836	mg/L	0.000568	0.4	2506.32	0.136836 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000453	6.2	56.9184	uncal mg/L	Y 371.029
Mo 203.846	0.005811	mg/L	0.000587	10.1	22.3096	0.005811 mg/L	Y 371.029
Mo 204.598	0.004961	mg/L	0.001355	27.3	21.1918	0.004961 mg/L	Y 371.029
Na 568.821	8.90913	mg/L	0.019036	0.2	2292.24	8.90913 mg/L	Y 371.029
Na 588.995	9.95917	mg/L	0.052318	0.5	4493478	9.95917 mg/L	Y 371.029
Na 589.592	10.4129	mg/L	0.020663	0.2	2470545	10.4129 mg/L	Y 371.029
Ni 216.555	0.004156	mg/L	0.000137	3.3	23.5639	0.004156 mg/L	Y 371.029
Ni 221.648	0.004711	mg/L	0.000859	18.2	12.9043	0.004711 mg/L	Y 371.029
Ni 231.604	0.005230	mg/L	0.001642	31.4	26.3908	0.005230 mg/L	Y 371.029
P 177.434	0.057744	mg/L	0.006622	11.5	2.79518	0.057744 mg/L	Y 371.029
P 213.618	0.056966	mg/L	0.004133	7.3	29.7644	0.056966 mg/L	Y 371.029
P 214.914	0.063643	mg/L	0.007398	11.6	9.92207	0.063643 mg/L	Y 371.029
Pb 220.353	-0.000877uv	mg/L	0.000437	49.9	4.22989	-0.000877 mg/L	Y 371.029
Pb 261.417	0.002685uv	mg/L	0.013922	518.6	8.44654	0.002685 mg/L	Y 371.029
Pb 405.781	-0.018233uv	mg/L	0.002894	15.9	76.0933	-0.018233 mg/L	Y 371.029
Sb 206.834	-0.005579uv	mg/L	0.003637	65.2	5.13445	-0.005579 mg/L	Y 371.029
Sb 231.146	-0.008806uv	mg/L	0.006340	72.0	6.35037	-0.008806 mg/L	Y 371.029
Sb 259.804	-0.035370uv	mg/L	0.004834	13.7	3.22763	-0.035370 mg/L	Y 371.029
Se 196.026	0.001710	mg/L	0.003083	180.3	5.21267	0.001710 mg/L	Y 371.029
Se 203.985	0.006903uv	mg/L	0.003085	44.7	2.17043	0.006903 mg/L	Y 371.029
Si 250.690	11.5679	mg/L	0.148397	1.3	13667.6	11.5679 mg/L	Y 371.029
Si 251.611	11.2487	mg/L	0.154216	1.4	15682.8	11.2487 mg/L	Y 371.029
Si 288.158	11.7445	mg/L	0.232873	2.0	77543.2	11.7445 mg/L	Y 371.029
Sn 189.927	0.004534	mg/L	0.003042	67.1	2.59891	0.004534 mg/L	Y 371.029
Sn 283.998	-0.002908uv	mg/L	0.001709	58.8	8.88188	-0.002908 mg/L	Y 371.029
Sr 216.596	0.151369	mg/L	0.000704	0.5	1198.99	0.151369 mg/L	Y 371.029
Sr 407.771	0.147206	mg/L	0.001519	1.0	378828	0.147206 mg/L	Y 371.029
Sr 421.552	0.149579	mg/L	0.000801	0.5	238848	0.149579 mg/L	Y 371.029
Ti 334.941	0.000018uv	mg/L	0.000142	781.9	154.578	0.000018 mg/L	Y 371.029
Ti 336.122	0.000014uv	mg/L	0.000084	612.7	14.9538	0.000014 mg/L	Y 371.029
Ti 337.280	0.000084	mg/L	0.000200	237.0	20.8374	0.000084 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.001256uv	mg/L	0.007377	587.5	2.01050	0.001256 mg/L	Y 371.029
Tl 190.807	0.004232uv	mg/L	0.004275	101.0	0.988270	0.004232 mg/L	Y 371.029
Tl 351.923	0.008843uv	mg/L	0.011943	135.1	17.5535	0.008843 mg/L	Y 371.029
V 268.796	0.014640	mg/L	0.000660	4.5	154.745	0.014640 mg/L	Y 371.029
V 292.401	0.015042	mg/L	0.000184	1.2	501.701	0.015042 mg/L	Y 371.029
V 311.837	0.014538	mg/L	0.000064	0.4	638.967	0.014538 mg/L	Y 371.029
Zn 202.548	0.009390	mg/L	0.000518	5.5	610.258	0.009390 mg/L	Y 371.029
Zn 206.200	0.011223	mg/L	0.000662	5.9	205.262	0.011223 mg/L	Y 371.029
Zn 213.857	0.010773	mg/L	0.000630	5.8	1254.66	0.010773 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12614	9030.30	100.635	1.1
Y 371.029	0.938913	154833	1571.692	1.0

11J1391-24 (Samp) **11/4/2011, 3:47:35 PM** **Rack 3, Tube 50**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000327	mg/L	0.000161	49.3	341.697	-0.000327 mg/L	Y 371.029
Ag 338.289	0.000833uv	mg/L	0.001520	182.4	5.02773	0.000833 mg/L	Y 371.029
Al 237.312	0.173099	mg/L	0.004024	2.3	299.577	0.173099 mg/L	Y 371.029
Al 257.509	0.196742	mg/L	0.010483	5.3	128.848	0.196742 mg/L	Y 371.029
Al 308.215	0.169571	mg/L	0.002252	1.3	1509.19	0.169571 mg/L	Y 371.029
As 188.980	0.149352	mg/L	0.003667	2.5	46.3144	0.149352 mg/L	Y 371.029
As 193.696	0.145727	mg/L	0.004993	3.4	50.2006	0.145727 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.008031	5.3	72.2949	uncal mg/L	Y 371.029
B 182.577	0.174593	mg/L	0.003283	1.9	80.9086	0.174593 mg/L	Y 371.029
B 249.678	0.175064	mg/L	0.002609	1.5	1436.43	0.175064 mg/L	Y 371.029
B 249.772	0.172703	mg/L	0.004203	2.4	3075.15	0.172703 mg/L	Y 371.029
Ba 233.527	0.011507	mg/L	0.000162	1.4	568.107	0.011507 mg/L	Y 371.029
Ba 455.403	0.010734	mg/L	0.000029	0.3	15086.5	0.010734 mg/L	Y 371.029
Ba 493.408	0.010973	mg/L	0.000051	0.5	9028.10	0.010973 mg/L	Y 371.029
Be 234.861	0.000041	mg/L	0.000012	30.7	1.35978	0.000041 mg/L	Y 371.029
Be 313.042	-0.000314uv	mg/L	0.000007	2.3	1465.06	-0.000314 mg/L	Y 371.029
Be 313.107	0.000044	mg/L	0.000007	15.2	49.6071	0.000044 mg/L	Y 371.029
Ca 393.366	19.0329n	mg/L	0.054713	0.3	24512520	19.0329 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.077393	0.4	36630908	- mg/L	Y 371.029
Ca 430.253	24.9155	mg/L	0.083527	0.3	92938.6	24.9155 mg/L	Y 371.029
Cd 214.439	0.000052uv	mg/L	0.000100	194.2	5.32704	0.000052 mg/L	Y 371.029
Cd 226.502	0.000006	mg/L	0.000036	601.9	16.7543	0.000006 mg/L	Y 371.029
Cd 228.802	0.001867	mg/L	0.000153	8.2	39.1283	0.001867 mg/L	Y 371.029
Co 228.615	0.001447	mg/L	0.000156	10.8	7.33792	0.001447 mg/L	Y 371.029
Co 230.786	0.002049	mg/L	0.000489	23.8	13.1861	0.002049 mg/L	Y 371.029
Co 238.892	0.000217uv	mg/L	0.000704	324.9	4.60849	0.000217 mg/L	Y 371.029
Cr 205.560	0.001914	mg/L	0.000642	33.6	9.94732	0.001914 mg/L	Y 371.029
Cr 206.158	0.002137	mg/L	0.000536	25.1	5.24236	0.002137 mg/L	Y 371.029
Cr 267.716	0.001885	mg/L	0.000139	7.4	55.5903	0.001885 mg/L	Y 371.029
Cu 213.598	0.000375	mg/L	0.000303	80.7	2.22049	0.000375 mg/L	Y 371.029
Cu 324.754	-0.000271uv	mg/L	0.000190	70.1	410.406	-0.000271 mg/L	Y 371.029
Cu 327.395	0.000615	mg/L	0.000002	0.3	52.7380	0.000615 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.102439	mg/L	0.001721	1.7	816.148	0.102439 mg/L	Y 371.029
Fe 238.204	0.101089	mg/L	0.002225	2.2	1742.10	0.101089 mg/L	Y 371.029
Fe 259.940	0.101024	mg/L	0.001653	1.6	1467.50	0.101024 mg/L	Y 371.029
Ga 287.423	-0.000991	mg/L	0.001278	128.9	13.2689	-0.000991 mg/L	Y 371.029
Ga 294.363	0.002067	mg/L	0.000734	35.5	19.6522	0.002067 mg/L	Y 371.029
Ga 417.204	0.002583	mg/L	0.000919	35.6	55.0655	0.002583 mg/L	Y 371.029
K 766.491	13.0315	mg/L	0.046536	0.4	716044	13.0315 mg/L	Y 371.029
K 769.897	12.8835	mg/L	0.049762	0.4	592194	12.8835 mg/L	Y 371.029
Li 610.365	0.002616	mg/L	0.000179	6.8	48.7615	0.002616 mg/L	Y 371.029
Li 670.783	0.004634	mg/L	0.000031	0.7	65152.4	0.004634 mg/L	Y 371.029
Mg 279.078	1.42303	mg/L	0.005101	0.4	1873.96	1.42303 mg/L	Y 371.029
Mg 280.270	1.41682	mg/L	0.001098	0.1	129084	1.41682 mg/L	Y 371.029
Mg 285.213	1.40654	mg/L	0.003963	0.3	42361.6	1.40654 mg/L	Y 371.029
Mn 257.610	0.005547	mg/L	0.000056	1.0	829.209	0.005547 mg/L	Y 371.029
Mn 259.372	0.005673	mg/L	0.000049	0.9	653.347	0.005673 mg/L	Y 371.029
Mn 260.568	0.005887	mg/L	0.000118	2.0	120.159	0.005887 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001088	15.3	55.7536	uncal mg/L	Y 371.029
Mo 203.846	0.006447	mg/L	0.001580	24.5	22.9225	0.006447 mg/L	Y 371.029
Mo 204.598	0.006525	mg/L	0.002062	31.6	23.1180	0.006525 mg/L	Y 371.029
Na 568.821	8.69445	mg/L	0.046972	0.5	2225.50	8.69445 mg/L	Y 371.029
Na 588.995	9.61937	mg/L	0.020882	0.2	4347805	9.61937 mg/L	Y 371.029
Na 589.592	10.0817	mg/L	0.056096	0.6	2396952	10.0817 mg/L	Y 371.029
Ni 216.555	0.000567	mg/L	0.000405	71.4	6.77211	0.000567 mg/L	Y 371.029
Ni 221.648	0.001114	mg/L	0.001112	99.8	6.10765	0.001114 mg/L	Y 371.029
Ni 231.604	0.000306	mg/L	0.000698	228.4	10.1409	0.000306 mg/L	Y 371.029
P 177.434	0.033986	mg/L	0.009189	27.0	1.83164	0.033986 mg/L	Y 371.029
P 213.618	0.038552	mg/L	0.004269	11.1	20.2229	0.038552 mg/L	Y 371.029
P 214.914	0.051246	mg/L	0.008964	17.5	7.88484	0.051246 mg/L	Y 371.029
Pb 220.353	-0.001719uv	mg/L	0.000754	43.9	3.24943	-0.001719 mg/L	Y 371.029
Pb 261.417	0.008093	mg/L	0.001919	23.7	11.1227	0.008093 mg/L	Y 371.029
Pb 405.781	-0.014214uv	mg/L	0.010087	71.0	77.0073	-0.014214 mg/L	Y 371.029
Sb 206.834	-0.004376uv	mg/L	0.002379	54.4	5.43708	-0.004376 mg/L	Y 371.029
Sb 231.146	-0.011543uv	mg/L	0.004099	35.5	4.13706	-0.011543 mg/L	Y 371.029
Sb 259.804	-0.022769uv	mg/L	0.010928	48.0	7.20838	-0.022769 mg/L	Y 371.029
Se 196.026	0.001579uv	mg/L	0.011998	760.0	5.05105	0.001579 mg/L	Y 371.029
Se 203.985	0.007947uv	mg/L	0.006747	84.9	2.47320	0.007947 mg/L	Y 371.029
Si 250.690	5.12287	mg/L	0.047912	0.9	6131.43	5.12287 mg/L	Y 371.029
Si 251.611	4.95617	mg/L	0.056200	1.1	7012.17	4.95617 mg/L	Y 371.029
Si 288.158	5.22609	mg/L	0.018215	0.3	35363.0	5.22609 mg/L	Y 371.029
Sn 189.927	0.003063uv	mg/L	0.003859	126.0	2.30748	0.003063 mg/L	Y 371.029
Sn 283.998	-0.001936uv	mg/L	0.001834	94.8	10.4053	-0.001936 mg/L	Y 371.029
Sr 216.596	0.167953	mg/L	0.002376	1.4	1326.23	0.167953 mg/L	Y 371.029
Sr 407.771	0.163130	mg/L	0.000394	0.2	418566	0.163130 mg/L	Y 371.029
Sr 421.552	0.165779	mg/L	0.000404	0.2	263957	0.165779 mg/L	Y 371.029
Ti 334.941	0.000057	mg/L	0.000051	90.9	166.172	0.000057 mg/L	Y 371.029
Ti 336.122	0.000270	mg/L	0.000114	42.4	39.2841	0.000270 mg/L	Y 371.029
Ti 337.280	0.000136	mg/L	0.000287	211.4	20.9415	0.000136 mg/L	Y 371.029
Tl 190.794	-0.002204uv	mg/L	0.001191	54.0	1.06279	-0.002204 mg/L	Y 371.029
Tl 190.807	0.002515uv	mg/L	0.002192	87.1	0.826579	0.002515 mg/L	Y 371.029
Tl 351.923	0.005328	mg/L	0.004316	81.0	13.5188	0.005328 mg/L	Y 371.029
V 268.796	0.106381	mg/L	0.000866	0.8	884.220	0.106381 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.115772	mg/L	0.000923	0.8	3695.72	0.115772 mg/L	Y 371.029
V 311.837	0.114018	mg/L	0.000316	0.3	4987.68	0.114018 mg/L	Y 371.029
Zn 202.548	0.009272	mg/L	0.000673	7.3	601.722	0.009272 mg/L	Y 371.029
Zn 206.200	0.008539	mg/L	0.000831	9.7	195.949	0.008539 mg/L	Y 371.029
Zn 213.857	0.008117	mg/L	0.000813	10.0	1195.78	0.008117 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14069	9146.93	20.212	0.2
Y 371.029	0.953014	157159	300.149	0.2

SEQ-CCVB (Samp) **11/4/2011, 3:51:28 PM** **Rack 3, Tube 51**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.099261	mg/L	0.000371	0.4	4838.36	0.099261 mg/L	Y 371.029
Ag 338.289	0.099187	mg/L	0.000341	0.3	277.525	0.099187 mg/L	Y 371.029
Al 237.312	2.58177	mg/L	0.024341	0.9	3517.26	2.58177 mg/L	Y 371.029
Al 257.509	2.55224	mg/L	0.059560	2.3	1495.75	2.55224 mg/L	Y 371.029
Al 308.215	2.57967	mg/L	0.004900	0.2	14334.3	2.57967 mg/L	Y 371.029
As 188.980	0.527769	mg/L	0.005394	1.0	153.358	0.527769 mg/L	Y 371.029
As 193.696	0.520780	mg/L	0.003420	0.7	172.861	0.520780 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.018358	2.1	579.784	uncal mg/L	Y 371.029
B 182.577	0.502268	mg/L	0.010134	2.0	220.419	0.502268 mg/L	Y 371.029
B 249.678	0.515274	mg/L	0.009321	1.8	4074.62	0.515274 mg/L	Y 371.029
B 249.772	0.494553	mg/L	0.000366	0.1	8521.08	0.494553 mg/L	Y 371.029
Ba 233.527	0.522998	mg/L	0.001016	0.2	17719.1	0.522998 mg/L	Y 371.029
Ba 455.403	0.487029	mg/L	0.000083	0.0	464825	0.487029 mg/L	Y 371.029
Ba 493.408	0.509726	mg/L	0.000341	0.1	283460	0.509726 mg/L	Y 371.029
Be 234.861	0.519698	mg/L	0.004971	1.0	52136.0	0.519698 mg/L	Y 371.029
Be 313.042	0.519390	mg/L	0.002052	0.4	805191	0.519390 mg/L	Y 371.029
Be 313.107	0.521365	mg/L	0.002240	0.4	385595	0.521365 mg/L	Y 371.029
Ca 393.366	4.84470n	mg/L	0.003133	0.1	6272195	4.84470 mg/L	Y 371.029
Ca 396.847	4.60255	mg/L	0.003334	0.1	9181992	4.60255 mg/L	Y 371.029
Ca 430.253	4.92392	mg/L	0.021507	0.4	19053.4	4.92392 mg/L	Y 371.029
Cd 214.439	0.266693	mg/L	0.003256	1.2	4298.79	0.266693 mg/L	Y 371.029
Cd 226.502	0.265593	mg/L	0.001082	0.4	7890.78	0.265593 mg/L	Y 371.029
Cd 228.802	0.259664	mg/L	0.002916	1.1	3439.55	0.259664 mg/L	Y 371.029
Co 228.615	0.524292	mg/L	0.004257	0.8	4297.46	0.524292 mg/L	Y 371.029
Co 230.786	0.525562	mg/L	0.010745	2.0	2824.57	0.525562 mg/L	Y 371.029
Co 238.892	0.523901	mg/L	0.009817	1.9	2676.05	0.523901 mg/L	Y 371.029
Cr 205.560	0.521680	mg/L	0.003512	0.7	1906.96	0.521680 mg/L	Y 371.029
Cr 206.158	0.519812	mg/L	0.005788	1.1	792.570	0.519812 mg/L	Y 371.029
Cr 267.716	0.514336	mg/L	0.000994	0.2	9773.24	0.514336 mg/L	Y 371.029
Cu 213.598	0.526461	mg/L	0.011839	2.2	1648.07	0.526461 mg/L	Y 371.029
Cu 324.754	0.504974	mg/L	0.000807	0.2	17536.4	0.504974 mg/L	Y 371.029
Cu 327.395	0.507494	mg/L	0.000723	0.1	21883.8	0.507494 mg/L	Y 371.029
Fe 234.350	0.536906	mg/L	0.002552	0.5	4194.56	0.536906 mg/L	Y 371.029
Fe 238.204	0.525603	mg/L	0.007450	1.4	8797.16	0.525603 mg/L	Y 371.029
Fe 259.940	0.527436	mg/L	0.004727	0.9	7399.14	0.527436 mg/L	Y 371.029
Ga 287.423	0.504166	mg/L	0.007793	1.5	1127.56	0.504166 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.515552	mg/L	0.001848	0.4	3024.13	0.515552 mg/L	Y 371.029
Ga 417.204	0.502013	mg/L	0.001073	0.2	4625.96	0.502013 mg/L	Y 371.029
K 766.491	5.38276	mg/L	0.009430	0.2	296904	5.38276 mg/L	Y 371.029
K 769.897	5.17753	mg/L	0.007999	0.2	243068	5.17753 mg/L	Y 371.029
Li 610.365	1.05081	mg/L	0.003551	0.3	42564.1	1.05081 mg/L	Y 371.029
Li 670.783	1.13333	mg/L	0.002003	0.2	2924783	1.13333 mg/L	Y 371.029
Mg 279.078	5.29353	mg/L	0.017003	0.3	6958.33	5.29353 mg/L	Y 371.029
Mg 280.270	5.37092	mg/L	0.004050	0.1	487685	5.37092 mg/L	Y 371.029
Mg 285.213	5.43880	mg/L	0.041281	0.8	163381	5.43880 mg/L	Y 371.029
Mn 257.610	0.519978	mg/L	0.005916	1.1	71098.4	0.519978 mg/L	Y 371.029
Mn 259.372	0.521805	mg/L	0.006911	1.3	52645.6	0.521805 mg/L	Y 371.029
Mn 260.568	0.519358	mg/L	0.009711	1.9	9390.36	0.519358 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.021804	2.1	3318.26	uncal mg/L	Y 371.029
Mo 203.846	1.10026	mg/L	0.030817	2.8	1359.91	1.10026 mg/L	Y 371.029
Mo 204.598	1.08846	mg/L	0.031346	2.9	1588.94	1.08846 mg/L	Y 371.029
Na 568.821	4.98128	mg/L	0.062734	1.3	1218.05	4.98128 mg/L	Y 371.029
Na 588.995	5.62022	mg/L	0.010837	0.2	2643108	5.62022 mg/L	Y 371.029
Na 589.592	5.25726	mg/L	0.010683	0.2	1332720	5.25726 mg/L	Y 371.029
Ni 216.555	1.06281	mg/L	0.003724	0.4	4722.26	1.06281 mg/L	Y 371.029
Ni 221.648	1.03870	mg/L	0.002311	0.2	1878.38	1.03870 mg/L	Y 371.029
Ni 231.604	1.06181	mg/L	0.004276	0.4	3183.65	1.06181 mg/L	Y 371.029
P 177.434	0.638201	mg/L	0.031335	4.9	26.4068	0.638201 mg/L	Y 371.029
P 213.618	0.526493	mg/L	0.006079	1.2	274.406	0.526493 mg/L	Y 371.029
P 214.914	0.512488	mg/L	0.017914	3.5	83.2108	0.512488 mg/L	Y 371.029
Pb 220.353	1.04521	mg/L	0.002466	0.2	1024.99	1.04521 mg/L	Y 371.029
Pb 261.417	0.998218	mg/L	0.002400	0.2	500.471	0.998218 mg/L	Y 371.029
Pb 405.781	0.973381	mg/L	0.009818	1.0	1364.30	0.973381 mg/L	Y 371.029
Sb 206.834	1.06448	mg/L	0.005748	0.5	613.866	1.06448 mg/L	Y 371.029
Sb 231.146	1.04709	mg/L	0.019515	1.9	495.227	1.04709 mg/L	Y 371.029
Sb 259.804	1.10220	mg/L	0.012337	1.1	428.771	1.10220 mg/L	Y 371.029
Se 196.026	1.06410	mg/L	0.029828	2.8	243.002	1.06410 mg/L	Y 371.029
Se 203.985	1.05769	mg/L	0.026292	2.5	149.554	1.05769 mg/L	Y 371.029
Si 250.690	1.05307	mg/L	0.024329	2.3	1378.15	1.05307 mg/L	Y 371.029
Si 251.611	1.02865	mg/L	0.017109	1.7	1593.47	1.02865 mg/L	Y 371.029
Si 288.158	1.06722	mg/L	0.004880	0.5	8326.19	1.06722 mg/L	Y 371.029
Sn 189.927	1.07041	mg/L	0.010325	1.0	223.207	1.07041 mg/L	Y 371.029
Sn 283.998	1.05119	mg/L	0.002914	0.3	1821.40	1.05119 mg/L	Y 371.029
Sr 216.596	0.519852	mg/L	0.000820	0.2	4055.66	0.519852 mg/L	Y 371.029
Sr 407.771	0.499375	mg/L	0.002020	0.4	1264943	0.499375 mg/L	Y 371.029
Sr 421.552	0.507752	mg/L	0.003567	0.7	798567	0.507752 mg/L	Y 371.029
Ti 334.941	0.516354	mg/L	0.003703	0.7	98465.3	0.516354 mg/L	Y 371.029
Ti 336.122	0.521651	mg/L	0.002327	0.4	42451.0	0.521651 mg/L	Y 371.029
Ti 337.280	0.517431	mg/L	0.001680	0.3	15144.3	0.517431 mg/L	Y 371.029
Tl 190.794	0.528212	mg/L	0.003234	0.6	152.608	0.528212 mg/L	Y 371.029
Tl 190.807	0.515603	mg/L	0.003912	0.8	83.5651	0.515603 mg/L	Y 371.029
Tl 351.923	0.526997	mg/L	0.008244	1.6	620.979	0.526997 mg/L	Y 371.029
V 268.796	0.518293	mg/L	0.005876	1.1	5079.73	0.518293 mg/L	Y 371.029
V 292.401	0.499144	mg/L	0.001259	0.3	15880.5	0.499144 mg/L	Y 371.029
V 311.837	0.515320	mg/L	0.000904	0.2	22561.4	0.515320 mg/L	Y 371.029
Zn 202.548	0.538464	mg/L	0.002199	0.4	4426.34	0.538464 mg/L	Y 371.029
Zn 206.200	0.534859	mg/L	0.005292	1.0	1421.79	0.534859 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.518258	mg/L	0.005658	1.1	8794.71	0.518258 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12355	9009.52	31.029	0.3
Y 371.029	0.939810	154981	661.972	0.4

SEQ-CCBB (Samp) **11/4/2011, 3:55:30 PM** **Rack 3, Tube 52**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000649	mg/L	0.000128	19.7	352.765	0.000649 mg/L	Y 371.029
Ag 338.289	-0.000646uv	mg/L	0.000296	45.9	0.928334	-0.000646 mg/L	Y 371.029
Al 237.312	-0.010900uv	mg/L	0.004386	40.2	50.1085	-0.010900 mg/L	Y 371.029
Al 257.509	0.012260	mg/L	0.008331	68.0	21.8261	0.012260 mg/L	Y 371.029
Al 308.215	0.001730	mg/L	0.000207	12.0	638.801	0.001730 mg/L	Y 371.029
As 188.980	0.005578	mg/L	0.003123	56.0	5.70864	0.005578 mg/L	Y 371.029
As 193.696	0.003667	mg/L	0.001392	37.9	3.97591	0.003667 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005055	46.5	11.0405	uncal mg/L	Y 371.029
B 182.577	0.012520	mg/L	0.002531	20.2	11.2805	0.012520 mg/L	Y 371.029
B 249.678	0.013369	mg/L	0.004334	32.4	171.526	0.013369 mg/L	Y 371.029
B 249.772	0.013600	mg/L	0.004125	30.3	366.570	0.013600 mg/L	Y 371.029
Ba 233.527	0.000248	mg/L	0.000121	48.7	173.729	0.000248 mg/L	Y 371.029
Ba 455.403	-0.000213uv	mg/L	0.000008	3.6	4368.41	-0.000213 mg/L	Y 371.029
Ba 493.408	-0.000252uv	mg/L	0.000023	9.2	2630.84	-0.000252 mg/L	Y 371.029
Be 234.861	0.000000uv	mg/L	0.000019	5732.9	-2.03866	0.000000 mg/L	Y 371.029
Be 313.042	-0.000367uv	mg/L	0.000011	3.0	1366.46	-0.000367 mg/L	Y 371.029
Be 313.107	0.000028	mg/L	0.000007	25.9	36.3597	0.000028 mg/L	Y 371.029
Ca 393.366	-0.016367nuv	mg/L	0.000148	0.9	17698.9	-0.016367 mg/L	Y 371.029
Ca 396.847	-0.012251uv	mg/L	0.000123	1.0	24920.6	-0.012251 mg/L	Y 371.029
Ca 430.253	-0.023463uv	mg/L	0.002176	9.3	708.161	-0.023463 mg/L	Y 371.029
Cd 214.439	0.000051uv	mg/L	0.000052	101.6	5.33323	0.000051 mg/L	Y 371.029
Cd 226.502	0.000108	mg/L	0.000014	13.2	17.9694	0.000108 mg/L	Y 371.029
Cd 228.802	0.000138uv	mg/L	0.000231	167.3	16.3161	0.000138 mg/L	Y 371.029
Co 228.615	0.000430	mg/L	0.000220	51.3	4.53088	0.000430 mg/L	Y 371.029
Co 230.786	0.000105uv	mg/L	0.000477	454.4	5.47483	0.000105 mg/L	Y 371.029
Co 238.892	0.000371uv	mg/L	0.000533	143.6	5.09221	0.000371 mg/L	Y 371.029
Cr 205.560	0.000644	mg/L	0.000165	25.7	4.09629	0.000644 mg/L	Y 371.029
Cr 206.158	-0.000223uv	mg/L	0.000162	72.9	1.54408	-0.000223 mg/L	Y 371.029
Cr 267.716	-0.000010uv	mg/L	0.000066	669.7	14.8648	-0.000010 mg/L	Y 371.029
Cu 213.598	0.000237	mg/L	0.000286	120.6	0.893934	0.000237 mg/L	Y 371.029
Cu 324.754	-0.001900uv	mg/L	0.000262	13.8	383.328	-0.001900 mg/L	Y 371.029
Cu 327.395	0.000026uv	mg/L	0.000199	781.4	18.8635	0.000026 mg/L	Y 371.029
Fe 234.350	0.002007	mg/L	0.001251	62.3	43.5127	0.002007 mg/L	Y 371.029
Fe 238.204	0.002660	mg/L	0.000825	31.0	72.0189	0.002660 mg/L	Y 371.029
Fe 259.940	0.002377	mg/L	0.001090	45.9	72.8436	0.002377 mg/L	Y 371.029
Ga 287.423	0.001606uv	mg/L	0.002624	163.4	13.3273	0.001606 mg/L	Y 371.029
Ga 294.363	0.000814	mg/L	0.000597	73.4	13.4833	0.000814 mg/L	Y 371.029
Ga 417.204	0.001261uv	mg/L	0.001108	87.8	50.1812	0.001261 mg/L	Y 371.029
K 766.491	-0.001324uv	mg/L	0.000426	32.2	1749.84	-0.001324 mg/L	Y 371.029
K 769.897	-0.003895uv	mg/L	0.001600	41.1	8338.84	-0.003895 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.001177	mg/L	0.000057	4.8	-9.60899	0.001177 mg/L	Y 371.029
Li 670.783	0.000405	mg/L	0.000027	6.6	53887.5	0.000405 mg/L	Y 371.029
Mg 279.078	0.004506	mg/L	0.000344	7.6	10.7691	0.004506 mg/L	Y 371.029
Mg 280.270	-0.001872uv	mg/L	0.000122	6.5	317.965	-0.001872 mg/L	Y 371.029
Mg 285.213	-0.001801uv	mg/L	0.000046	2.6	83.5268	-0.001801 mg/L	Y 371.029
Mn 257.610	-0.000001uv	mg/L	0.000035	2942.9	8.11303	-0.000001 mg/L	Y 371.029
Mn 259.372	0.000024	mg/L	0.000028	116.0	38.7034	0.000024 mg/L	Y 371.029
Mn 260.568	0.000057uv	mg/L	0.000099	173.6	5.42696	0.000057 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.002621	12.2	80.0635	uncal mg/L	Y 371.029
Mo 203.846	0.020609	mg/L	0.001894	9.2	32.0248	0.020609 mg/L	Y 371.029
Mo 204.598	0.019687	mg/L	0.001840	9.3	32.5759	0.019687 mg/L	Y 371.029
Na 568.821	0.969814	mg/L	0.056957	5.9	128.050	0.969814 mg/L	Y 371.029
Na 588.995	-0.241895uv	mg/L	0.000326	0.1	141358	-0.241895 mg/L	Y 371.029
Na 589.592	-0.517863uv	mg/L	0.000213	0.0	56324.7	-0.517863 mg/L	Y 371.029
Ni 216.555	-0.000403uv	mg/L	0.000329	81.8	1.67798	-0.000403 mg/L	Y 371.029
Ni 221.648	-0.000403uv	mg/L	0.000765	189.7	3.03972	-0.000403 mg/L	Y 371.029
Ni 231.604	-0.000445uv	mg/L	0.000158	35.5	6.86384	-0.000445 mg/L	Y 371.029
P 177.434	0.008589uv	mg/L	0.011806	137.5	0.821998	0.008589 mg/L	Y 371.029
P 213.618	0.003805	mg/L	0.002699	70.9	1.84745	0.003805 mg/L	Y 371.029
P 214.914	0.009646	mg/L	0.006211	64.4	1.36101	0.009646 mg/L	Y 371.029
Pb 220.353	-0.000391uv	mg/L	0.000980	250.9	4.21044	-0.000391 mg/L	Y 371.029
Pb 261.417	0.013021	mg/L	0.004749	36.5	13.3603	0.013021 mg/L	Y 371.029
Pb 405.781	-0.000819uv	mg/L	0.001363	166.5	84.3526	-0.000819 mg/L	Y 371.029
Sb 206.834	-0.000992uv	mg/L	0.002296	231.5	5.66331	-0.000992 mg/L	Y 371.029
Sb 231.146	-0.007319uv	mg/L	0.003927	53.7	2.31842	-0.007319 mg/L	Y 371.029
Sb 259.804	-0.003589uv	mg/L	0.014037	391.1	10.3090	-0.003589 mg/L	Y 371.029
Se 196.026	0.011930	mg/L	0.008657	72.6	6.86092	0.011930 mg/L	Y 371.029
Se 203.985	0.023456	mg/L	0.009963	42.5	4.95333	0.023456 mg/L	Y 371.029
Si 250.690	0.000190uv	mg/L	0.001112	584.2	138.581	0.000190 mg/L	Y 371.029
Si 251.611	0.002452	mg/L	0.000912	37.2	156.675	0.002452 mg/L	Y 371.029
Si 288.158	-0.010271uv	mg/L	0.001830	17.8	1350.60	-0.010271 mg/L	Y 371.029
Sn 189.927	-0.000735uv	mg/L	0.003553	483.4	1.59202	-0.000735 mg/L	Y 371.029
Sn 283.998	0.000922uv	mg/L	0.003284	356.3	9.23814	0.000922 mg/L	Y 371.029
Sr 216.596	-0.000191uv	mg/L	0.000317	165.9	14.9913	-0.000191 mg/L	Y 371.029
Sr 407.771	-0.000138uv	mg/L	0.000009	6.8	5368.07	-0.000138 mg/L	Y 371.029
Sr 421.552	-0.000085uv	mg/L	0.000011	13.0	3276.75	-0.000085 mg/L	Y 371.029
Ti 334.941	0.000754	mg/L	0.000309	41.0	273.996	0.000754 mg/L	Y 371.029
Ti 336.122	0.000914	mg/L	0.000217	23.7	88.5686	0.000914 mg/L	Y 371.029
Ti 337.280	0.000594	mg/L	0.000338	56.9	27.5575	0.000594 mg/L	Y 371.029
Tl 190.794	0.001546uv	mg/L	0.004468	289.0	2.33641	0.001546 mg/L	Y 371.029
Tl 190.807	0.007123	mg/L	0.001815	25.5	1.77453	0.007123 mg/L	Y 371.029
Tl 351.923	0.001140uv	mg/L	0.003087	270.7	7.29171	0.001140 mg/L	Y 371.029
V 268.796	0.002185	mg/L	0.000202	9.2	54.4488	0.002185 mg/L	Y 371.029
V 292.401	-0.000058uv	mg/L	0.000076	132.4	19.6159	-0.000058 mg/L	Y 371.029
V 311.837	0.000169	mg/L	0.000059	34.8	7.45904	0.000169 mg/L	Y 371.029
Zn 202.548	0.002895	mg/L	0.000200	6.9	537.332	0.002895 mg/L	Y 371.029
Zn 206.200	0.001817	mg/L	0.000495	27.2	174.023	0.001817 mg/L	Y 371.029
Zn 213.857	0.001385	mg/L	0.000205	14.8	1058.04	0.001385 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12727	9039.36	51.041	0.6
Y 371.029	0.944477	155751	762.497	0.5

11J1391-25 (Samp) **11/4/2011, 4:02:31 PM** **Rack 3, Tube 53**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.008498b	mg/L	0.000472	5.6	376.243	-0.008498 mg/L	Y 371.029
Ag 338.289	-0.005926b	mg/L	0.001603	27.1	8.10348	-0.005926 mg/L	Y 371.029
Al 237.312	0.033510uvb	mg/L	0.003750	11.2	36.6664	0.033510 mg/L	Y 371.029
Al 257.509	-0.082188b	mg/L	0.005962	7.3	24.4177	-0.082188 mg/L	Y 371.029
Al 308.215	0.328824b	mg/L	0.001537	0.5	748.012	0.328824 mg/L	Y 371.029
As 188.980	0.039511b	mg/L	0.006944	17.6	6.82099	0.039511 mg/L	Y 371.029
As 193.696	0.021710uvb	mg/L	0.005216	24.0	2.96374	0.021710 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.018298	21.9	12.1694	uncal mg/L	Y 371.029
B 182.577	20.3468b	mg/L	0.363424	1.8	8696.63	20.3468 mg/L	Y 371.029
B 249.678	20.4364b	mg/L	0.442427	2.2	158949	20.4364 mg/L	Y 371.029
B 249.772	20.2998b	mg/L	0.426190	2.1	346992	20.2998 mg/L	Y 371.029
Ba 233.527	0.024220b	mg/L	0.000155	0.6	1205.45	0.024220 mg/L	Y 371.029
Ba 455.403	0.024213b	mg/L	0.000109	0.5	30449.2	0.024213 mg/L	Y 371.029
Ba 493.408	0.023630b	mg/L	0.000131	0.6	18737.0	0.023630 mg/L	Y 371.029
Be 234.861	0.001701uvb	mg/L	0.000757	44.5	-824.852	0.001701 mg/L	Y 371.029
Be 313.042	0.000084uvb	mg/L	0.000005	5.9	1466.95	0.000084 mg/L	Y 371.029
Be 313.107	0.000138b	mg/L	0.000010	7.6	61.6906	0.000138 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.156789	0.5	41068780	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.081134	0.4	40256656	- mg/L	Y 371.029
Ca 430.253	196.227b	mg/L	1.11640	0.6	729145	196.227 mg/L	Y 371.029
Cd 214.439	0.003120b	mg/L	0.000117	3.7	109.018	0.003120 mg/L	Y 371.029
Cd 226.502	0.009109b	mg/L	0.000086	0.9	857.213	0.009109 mg/L	Y 371.029
Cd 228.802	-0.000051b	mg/L	0.000133	258.4	25.1619	-0.000051 mg/L	Y 371.029
Co 228.615	-0.023132b	mg/L	0.000534	2.3	534.649	-0.023132 mg/L	Y 371.029
Co 230.786	-0.029987b	mg/L	0.001647	5.5	428.958	-0.029987 mg/L	Y 371.029
Co 238.892	0.072961uvb	mg/L	0.013629	18.7	-830.710	0.072961 mg/L	Y 371.029
Cr 205.560	-0.041950uvb	mg/L	0.000216	0.5	2.45976	-0.041950 mg/L	Y 371.029
Cr 206.158	-0.077152b	mg/L	0.027374	35.5	44.6953	-0.077152 mg/L	Y 371.029
Cr 267.716	-0.037313b	mg/L	0.000162	0.4	27.9270	-0.037313 mg/L	Y 371.029
Cu 213.598	-0.028496b	mg/L	0.000412	1.4	299.545	-0.028496 mg/L	Y 371.029
Cu 324.754	-0.003838uvb	mg/L	0.000279	7.3	120.855	-0.003838 mg/L	Y 371.029
Cu 327.395	-0.053387uvb	mg/L	0.000050	0.1	7.11354	-0.053387 mg/L	Y 371.029
Fe 234.350	-xb	mg/L	1.62258	0.6	1871453	- mg/L	Y 371.029
Fe 238.204	-xb	mg/L	0.612402	0.3	3649649	- mg/L	Y 371.029
Fe 259.940	-xb	mg/L	0.873743	0.4	3137961	- mg/L	Y 371.029
Ga 287.423	-0.653396b	mg/L	0.002084	0.3	2308.66	-0.653396 mg/L	Y 371.029
Ga 294.363	-0.022598b	mg/L	0.000442	2.0	85.9222	-0.022598 mg/L	Y 371.029
Ga 417.204	0.006605b	mg/L	0.001869	28.3	694.102	0.006605 mg/L	Y 371.029
K 766.491	15.5800b	mg/L	0.057065	0.4	859748	15.5800 mg/L	Y 371.029
K 769.897	15.4275b	mg/L	0.060520	0.4	709970	15.4275 mg/L	Y 371.029
Li 610.365	0.023230b	mg/L	0.000456	2.0	884.891	0.023230 mg/L	Y 371.029
Li 670.783	0.049491b	mg/L	0.000325	0.7	205926	0.049491 mg/L	Y 371.029
Mg 279.078	86.8286b	mg/L	0.417670	0.5	114122	86.8286 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	63.6169b	mg/L	0.680459	1.1	5774135	63.6169 mg/L	Y 371.029
Mg 285.213	82.6731b	mg/L	0.311470	0.4	2482367	82.6731 mg/L	Y 371.029
Mn 257.610	10.1690b	mg/L	0.050313	0.5	1373628	10.1690 mg/L	Y 371.029
Mn 259.372	10.1482b	mg/L	0.059103	0.6	1044056	10.1482 mg/L	Y 371.029
Mn 260.568	10.2419b	mg/L	0.040398	0.4	184809	10.2419 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000979	1.0	13.3013	uncal mg/L	Y 371.029
Mo 203.846	-0.105383b	mg/L	0.000861	0.8	14.8947	-0.105383 mg/L	Y 371.029
Mo 204.598	-0.113353uvb	mg/L	0.000931	0.8	4.12327	-0.113353 mg/L	Y 371.029
Na 568.821	-xb	mg/L	1.17107	0.5	63133.1	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.11441	1.2	39894564	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.30077	0.9	31838528	- mg/L	Y 371.029
Ni 216.555	-0.122401b	mg/L	0.001026	0.8	315.322	-0.122401 mg/L	Y 371.029
Ni 221.648	-0.143129b	mg/L	0.000850	0.6	83.4927	-0.143129 mg/L	Y 371.029
Ni 231.604	-0.132727b	mg/L	0.000611	0.5	156.165	-0.132727 mg/L	Y 371.029
P 177.434	0.018149b	mg/L	0.016049	88.4	1.79409	0.018149 mg/L	Y 371.029
P 213.618	-0.091420b	mg/L	0.007927	8.7	15.3050	-0.091420 mg/L	Y 371.029
P 214.914	0.095457b	mg/L	0.025797	27.0	33.0571	0.095457 mg/L	Y 371.029
Pb 220.353	-0.016898uvb	mg/L	0.001148	6.8	1.40520	-0.016898 mg/L	Y 371.029
Pb 261.417	0.024250b	mg/L	0.007829	32.3	24.4235	0.024250 mg/L	Y 371.029
Pb 405.781	-0.143035uvb	mg/L	0.000983	0.7	42.3647	-0.143035 mg/L	Y 371.029
Sb 206.834	-0.093550b	mg/L	0.002562	2.7	8.80568	-0.093550 mg/L	Y 371.029
Sb 231.146	0.036906b	mg/L	0.016837	45.6	16.9800	0.036906 mg/L	Y 371.029
Sb 259.804	-0.335746b	mg/L	0.105166	31.3	214.590	-0.335746 mg/L	Y 371.029
Se 196.026	0.006589uvb	mg/L	0.010021	152.1	3.73523	0.006589 mg/L	Y 371.029
Se 203.985	0.123491b	mg/L	0.011647	9.4	7.69913	0.123491 mg/L	Y 371.029
Si 250.690	15.6801b	mg/L	0.090630	0.6	18572.9	15.6801 mg/L	Y 371.029
Si 251.611	15.1202b	mg/L	0.070974	0.5	21355.7	15.1202 mg/L	Y 371.029
Si 288.158	15.9850b	mg/L	0.278727	1.7	105402	15.9850 mg/L	Y 371.029
Sn 189.927	-0.000200uvb	mg/L	0.003120	1558.1	1.88412	-0.000200 mg/L	Y 371.029
Sn 283.998	-0.084685b	mg/L	0.000890	1.1	13.4242	-0.084685 mg/L	Y 371.029
Sr 216.596	0.700387b	mg/L	0.006021	0.9	5868.14	0.700387 mg/L	Y 371.029
Sr 407.771	0.700196b	mg/L	0.003746	0.5	1783122	0.700196 mg/L	Y 371.029
Sr 421.552	0.713167b	mg/L	0.003262	0.5	1128151	0.713167 mg/L	Y 371.029
Ti 334.941	-0.023965uvb	mg/L	0.000144	0.6	64.1375	-0.023965 mg/L	Y 371.029
Ti 336.122	-0.021647uvb	mg/L	0.000214	1.0	20.4416	-0.021647 mg/L	Y 371.029
Ti 337.280	-0.020408b	mg/L	0.000140	0.7	23.3038	-0.020408 mg/L	Y 371.029
Tl 190.794	-0.045752uvb	mg/L	0.001255	2.7	2.30369	-0.045752 mg/L	Y 371.029
Tl 190.807	0.013969b	mg/L	0.005136	36.8	3.08672	0.013969 mg/L	Y 371.029
Tl 351.923	-0.006332uvb	mg/L	0.005299	83.7	10.9142	-0.006332 mg/L	Y 371.029
V 268.796	-0.040858b	mg/L	0.000427	1.0	49.4960	-0.040858 mg/L	Y 371.029
V 292.401	-0.040590b	mg/L	0.000181	0.4	122.272	-0.040590 mg/L	Y 371.029
V 311.837	-0.029192b	mg/L	0.000058	0.2	6.63960	-0.029192 mg/L	Y 371.029
Zn 202.548	85.4119b	mg/L	1.62578	1.9	613173	85.4119 mg/L	Y 371.029
Zn 206.200	93.0161b	mg/L	1.59271	1.7	216995	93.0161 mg/L	Y 371.029
Zn 213.857	75.3135b	mg/L	0.698809	0.9	1110873	75.3135 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.07122	8589.88	42.884	0.5
Y 371.029	0.909993	150064	654.288	0.4

111103A. All Data Report 11/7/2011, 16:06:17

11J1391-26 (Samp) **11/4/2011, 4:06:46 PM** **Rack 3, Tube 54**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.047462b	mg/L	0.000293	0.6	362.798	-0.047462 mg/L	Y 371.029
Ag 338.289	-0.001618b	mg/L	0.001699	105.0	10.1977	-0.001618 mg/L	Y 371.029
Al 237.312	-0.097677uvb	mg/L	0.004490	4.6	26.5119	-0.097677 mg/L	Y 371.029
Al 257.509	-0.346443b	mg/L	0.018579	5.4	31.3019	-0.346443 mg/L	Y 371.029
Al 308.215	0.451829b	mg/L	0.000937	0.2	724.936	0.451829 mg/L	Y 371.029
As 188.980	0.160141b	mg/L	0.009011	5.6	13.0544	0.160141 mg/L	Y 371.029
As 193.696	0.106477b	mg/L	0.001349	1.3	10.9040	0.106477 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.112592	7.8	1879.53	uncal mg/L	Y 371.029
B 182.577	0.831118b	mg/L	0.121545	14.6	365.818	0.831118 mg/L	Y 371.029
B 249.678	0.712221b	mg/L	0.115954	16.3	5968.54	0.712221 mg/L	Y 371.029
B 249.772	0.838768b	mg/L	0.118963	14.2	17863.9	0.838768 mg/L	Y 371.029
Ba 233.527	0.029512b	mg/L	0.001294	4.4	1521.37	0.029512 mg/L	Y 371.029
Ba 455.403	0.033166b	mg/L	0.001075	3.2	38584.0	0.033166 mg/L	Y 371.029
Ba 493.408	0.030797b	mg/L	0.001211	3.9	23599.4	0.030797 mg/L	Y 371.029
Be 234.861	-0.000024uvb	mg/L	0.000796	3349.3	-1051.47	-0.000024 mg/L	Y 371.029
Be 313.042	0.000159uvb	mg/L	0.000028	17.6	1695.86	0.000159 mg/L	Y 371.029
Be 313.107	-0.000043b	mg/L	0.000007	15.5	93.0014	-0.000043 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.582742	1.7	44974212	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.339548	1.6	43526516	- mg/L	Y 371.029
Ca 430.253	168.145b	mg/L	5.33896	3.2	629028	168.145 mg/L	Y 371.029
Cd 214.439	1.71248b	mg/L	0.017439	1.0	27611.0	1.71248 mg/L	Y 371.029
Cd 226.502	1.71576b	mg/L	0.051441	3.0	51378.4	1.71576 mg/L	Y 371.029
Cd 228.802	1.76871b	mg/L	0.020902	1.2	23310.5	1.76871 mg/L	Y 371.029
Co 228.615	-0.020189b	mg/L	0.003249	16.1	528.089	-0.020189 mg/L	Y 371.029
Co 230.786	-0.026218b	mg/L	0.002826	10.8	425.528	-0.026218 mg/L	Y 371.029
Co 238.892	0.038764uvb	mg/L	0.020285	52.3	-1014.65	0.038764 mg/L	Y 371.029
Cr 205.560	-0.044177uvb	mg/L	0.000243	0.6	1.58489	-0.044177 mg/L	Y 371.029
Cr 206.158	-0.057323b	mg/L	0.007384	12.9	11.3922	-0.057323 mg/L	Y 371.029
Cr 267.716	-0.041439b	mg/L	0.000299	0.7	26.9743	-0.041439 mg/L	Y 371.029
Cu 213.598	-0.056879b	mg/L	0.003547	6.2	315.911	-0.056879 mg/L	Y 371.029
Cu 324.754	0.011992uvb	mg/L	0.000235	2.0	135.389	0.011992 mg/L	Y 371.029
Cu 327.395	-0.065872uvb	mg/L	0.000051	0.1	2.96681	-0.065872 mg/L	Y 371.029
Fe 234.350	-xb	mg/L	5.81521	2.2	1988855	- mg/L	Y 371.029
Fe 238.204	-xb	mg/L	4.14099	1.7	3871934	- mg/L	Y 371.029
Fe 259.940	-xb	mg/L	5.20882	2.1	3356817	- mg/L	Y 371.029
Ga 287.423	-0.650234b	mg/L	0.040335	6.2	2585.00	-0.650234 mg/L	Y 371.029
Ga 294.363	-0.037019b	mg/L	0.000708	1.9	104.964	-0.037019 mg/L	Y 371.029
Ga 417.204	0.000844b	mg/L	0.004866	576.3	772.614	0.000844 mg/L	Y 371.029
K 766.491	45.9462b	mg/L	1.25175	2.7	2528511	45.9462 mg/L	Y 371.029
K 769.897	47.6667b	mg/L	1.33238	2.8	2186487	47.6667 mg/L	Y 371.029
Li 610.365	0.002555b	mg/L	0.000039	1.5	46.2960	0.002555 mg/L	Y 371.029
Li 670.783	-0.016077b	mg/L	0.000503	3.1	78654.2	-0.016077 mg/L	Y 371.029
Mg 279.078	234.444b	mg/L	7.38495	3.1	308024	234.444 mg/L	Y 371.029
Mg 280.270	106.727b	mg/L	2.59589	2.4	9683345	106.727 mg/L	Y 371.029
Mg 285.213	188.073b	mg/L	4.12704	2.2	5645514	188.073 mg/L	Y 371.029
Mn 257.610	8.61889b	mg/L	0.177611	2.1	1164185	8.61889 mg/L	Y 371.029
Mn 259.372	8.57783b	mg/L	0.184234	2.1	891928	8.57783 mg/L	Y 371.029
Mn 260.568	8.63135b	mg/L	0.198951	2.3	156527	8.63135 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	uncal	mg/L	0.000713	0.1	10.4232	uncal mg/L	Y 371.029
Mo 203.846	-1.15927b	mg/L	0.002650	0.2	12.3280	-1.15927 mg/L	Y 371.029
Mo 204.598	-1.18590uvb	mg/L	0.001847	0.2	5.81194	-1.18590 mg/L	Y 371.029
Na 568.821	-xb	mg/L	63.3988	3.2	534148	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.36024	1.9	31538832	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.61193	1.8	31969758	- mg/L	Y 371.029
Ni 216.555	-0.147566b	mg/L	0.002720	1.8	243.771	-0.147566 mg/L	Y 371.029
Ni 221.648	-0.170481b	mg/L	0.003703	2.2	58.8990	-0.170481 mg/L	Y 371.029
Ni 231.604	-0.154323b	mg/L	0.000781	0.5	115.229	-0.154323 mg/L	Y 371.029
P 177.434	0.210608b	mg/L	0.018574	8.8	8.05165	0.210608 mg/L	Y 371.029
P 213.618	-0.063661b	mg/L	0.008792	13.8	72.4346	-0.063661 mg/L	Y 371.029
P 214.914	0.245052b	mg/L	0.017017	6.9	59.2922	0.245052 mg/L	Y 371.029
Pb 220.353	-0.022885uvb	mg/L	0.001613	7.0	-1.82030	-0.022885 mg/L	Y 371.029
Pb 261.417	-0.287676b	mg/L	0.043406	15.1	60.0143	-0.287676 mg/L	Y 371.029
Pb 405.781	-0.262206b	mg/L	0.019475	7.4	135.397	-0.262206 mg/L	Y 371.029
Sb 206.834	-0.208399b	mg/L	0.001009	0.5	10.3569	-0.208399 mg/L	Y 371.029
Sb 231.146	0.158304b	mg/L	0.008685	5.5	20.9293	0.158304 mg/L	Y 371.029
Sb 259.804	-0.177351b	mg/L	0.119706	67.5	215.187	-0.177351 mg/L	Y 371.029
Se 196.026	0.043733uvb	mg/L	0.002901	6.6	2.96420	0.043733 mg/L	Y 371.029
Se 203.985	0.196251b	mg/L	0.011106	5.7	4.99843	0.196251 mg/L	Y 371.029
Si 250.690	16.4505b	mg/L	0.513722	3.1	19591.2	16.4505 mg/L	Y 371.029
Si 251.611	15.8688b	mg/L	0.503085	3.2	22508.6	15.8688 mg/L	Y 371.029
Si 288.158	16.8088b	mg/L	0.484365	2.9	110634	16.8088 mg/L	Y 371.029
Sn 189.927	-0.028895b	mg/L	0.002461	8.5	2.80202	-0.028895 mg/L	Y 371.029
Sn 283.998	-0.146115b	mg/L	0.003130	2.1	18.6672	-0.146115 mg/L	Y 371.029
Sr 216.596	1.08870b	mg/L	0.031780	2.9	8872.48	1.08870 mg/L	Y 371.029
Sr 407.771	1.05140b	mg/L	0.022347	2.1	2668452	1.05140 mg/L	Y 371.029
Sr 421.552	1.06708b	mg/L	0.025138	2.4	1682645	1.06708 mg/L	Y 371.029
Ti 334.941	-0.014784uvb	mg/L	0.000125	0.8	75.9916	-0.014784 mg/L	Y 371.029
Ti 336.122	-0.014690uvb	mg/L	0.000204	1.4	19.6211	-0.014690 mg/L	Y 371.029
Ti 337.280	-0.019084uvb	mg/L	0.000576	3.0	27.7894	-0.019084 mg/L	Y 371.029
Tl 190.794	0.006580uvb	mg/L	0.005739	87.2	1.61356	0.006580 mg/L	Y 371.029
Tl 190.807	-0.014114b	mg/L	0.007890	55.9	3.98511	-0.014114 mg/L	Y 371.029
Tl 351.923	0.080225b	mg/L	0.006436	8.0	11.9480	0.080225 mg/L	Y 371.029
V 268.796	-0.180279b	mg/L	0.000694	0.4	53.6873	-0.180279 mg/L	Y 371.029
V 292.401	-0.040079b	mg/L	0.000072	0.2	133.857	-0.040079 mg/L	Y 371.029
V 311.837	-0.032756b	mg/L	0.000057	0.2	9.14220	-0.032756 mg/L	Y 371.029
Zn 202.548	18.5786b	mg/L	0.363931	2.0	135471	18.5786 mg/L	Y 371.029
Zn 206.200	19.0860b	mg/L	0.244806	1.3	45215.3	19.0860 mg/L	Y 371.029
Zn 213.857	19.6564b	mg/L	0.320615	1.6	294383	19.6564 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00666	8072.17	142.066	1.8
Y 371.029	0.846761	139637	2606.932	1.9

11J1391-27 (Samp)	**11/4/2011, 4:11:00 PM**	**Rack 3, Tube 55**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 1**

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.046479b	mg/L	0.000457	1.0	397.038	-0.046479 mg/L	Y 371.029
Ag 338.289	-0.002961uvb	mg/L	0.001597	53.9	6.26362	-0.002961 mg/L	Y 371.029
Al 237.312	-0.098289uvb	mg/L	0.006012	6.1	26.4526	-0.098289 mg/L	Y 371.029
Al 257.509	-0.368650uvb	mg/L	0.003921	1.1	17.0626	-0.368650 mg/L	Y 371.029
Al 308.215	0.454278b	mg/L	0.001246	0.3	750.309	0.454278 mg/L	Y 371.029
As 188.980	0.155309b	mg/L	0.001319	0.8	11.8971	0.155309 mg/L	Y 371.029
As 193.696	0.098031b	mg/L	0.001639	1.7	8.30488	0.098031 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.092360	3.2	2498.73	uncal mg/L	Y 371.029
B 182.577	0.537259b	mg/L	0.008310	1.5	240.505	0.537259 mg/L	Y 371.029
B 249.678	0.402304b	mg/L	0.007447	1.9	3560.95	0.402304 mg/L	Y 371.029
B 249.772	0.525929b	mg/L	0.007975	1.5	12526.8	0.525929 mg/L	Y 371.029
Ba 233.527	0.026061b	mg/L	0.000260	1.0	1404.93	0.026061 mg/L	Y 371.029
Ba 455.403	0.029748b	mg/L	0.000100	0.3	35393.9	0.029748 mg/L	Y 371.029
Ba 493.408	0.027467b	mg/L	0.000122	0.4	21769.3	0.027467 mg/L	Y 371.029
Be 234.861	0.000276uvb	mg/L	0.000950	344.4	-1008.43	0.000276 mg/L	Y 371.029
Be 313.042	0.000185uvb	mg/L	0.000009	4.9	1739.54	0.000185 mg/L	Y 371.029
Be 313.107	-0.000021b	mg/L	0.000009	42.4	110.080	-0.000021 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.130348	0.4	45487556	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.048111	0.2	43835164	- mg/L	Y 371.029
Ca 430.253	169.187b	mg/L	0.272507	0.2	632841	169.187 mg/L	Y 371.029
Cd 214.439	1.71759b	mg/L	0.009855	0.6	27692.9	1.71759 mg/L	Y 371.029
Cd 226.502	1.73374b	mg/L	0.004224	0.2	51906.0	1.73374 mg/L	Y 371.029
Cd 228.802	1.76864b	mg/L	0.016588	0.9	23310.0	1.76864 mg/L	Y 371.029
Co 228.615	-0.018162b	mg/L	0.000395	2.2	535.538	-0.018162 mg/L	Y 371.029
Co 230.786	-0.021875b	mg/L	0.000261	1.2	441.777	-0.021875 mg/L	Y 371.029
Co 238.892	0.030177uvb	mg/L	0.007403	24.5	-1042.90	0.030177 mg/L	Y 371.029
Cr 205.560	-0.043461b	mg/L	0.000209	0.5	2.51708	-0.043461 mg/L	Y 371.029
Cr 206.158	-0.051430b	mg/L	0.003558	6.9	19.4162	-0.051430 mg/L	Y 371.029
Cr 267.716	-0.040955b	mg/L	0.000082	0.2	28.0680	-0.040955 mg/L	Y 371.029
Cu 213.598	-0.057381b	mg/L	0.000887	1.5	309.191	-0.057381 mg/L	Y 371.029
Cu 324.754	0.012447uvb	mg/L	0.000232	1.9	144.698	0.012447 mg/L	Y 371.029
Cu 327.395	-0.065117uvb	mg/L	0.000040	0.1	6.39205	-0.065117 mg/L	Y 371.029
Fe 234.350	-xb	mg/L	2.34862	0.9	1964736	- mg/L	Y 371.029
Fe 238.204	240.464b	mg/L	0.485222	0.2	3881579	240.464 mg/L	Y 371.029
Fe 259.940	-xb	mg/L	2.07059	0.8	3331684	- mg/L	Y 371.029
Ga 287.423	-0.640580b	mg/L	0.004982	0.8	2558.08	-0.640580 mg/L	Y 371.029
Ga 294.363	-0.037150b	mg/L	0.001724	4.6	100.937	-0.037150 mg/L	Y 371.029
Ga 417.204	0.001051b	mg/L	0.000597	56.8	765.254	0.001051 mg/L	Y 371.029
K 766.491	44.7766b	mg/L	0.119074	0.3	2464378	44.7766 mg/L	Y 371.029
K 769.897	46.2191b	mg/L	0.135991	0.3	2120811	46.2191 mg/L	Y 371.029
Li 610.365	0.002712b	mg/L	0.000131	4.8	52.6431	0.002712 mg/L	Y 371.029
Li 670.783	-0.015712b	mg/L	0.000090	0.6	79330.7	-0.015712 mg/L	Y 371.029
Mg 279.078	234.909b	mg/L	0.849209	0.4	308634	234.909 mg/L	Y 371.029
Mg 280.270	108.791b	mg/L	0.226281	0.2	9870473	108.791 mg/L	Y 371.029
Mg 285.213	186.922b	mg/L	2.35419	1.3	5610954	186.922 mg/L	Y 371.029
Mn 257.610	8.70224b	mg/L	0.074197	0.9	1175414	8.70224 mg/L	Y 371.029
Mn 259.372	8.66264b	mg/L	0.080714	0.9	899922	8.66264 mg/L	Y 371.029
Mn 260.568	8.80505b	mg/L	0.077474	0.9	159649	8.80505 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000669	0.1	9.35789	uncal mg/L	Y 371.029
Mo 203.846	-1.15034b	mg/L	0.002092	0.2	13.7594	-1.15034 mg/L	Y 371.029
Mo 204.598	-1.17921uvb	mg/L	0.000195	0.0	4.07380	-1.17921 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	-xb	mg/L	4.08527	0.2	530572	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.710561	1.0	31964502	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.26182	0.8	33014894	- mg/L	Y 371.029
Ni 216.555	-0.144237b	mg/L	0.000727	0.5	247.977	-0.144237 mg/L	Y 371.029
Ni 221.648	-0.170543b	mg/L	0.000955	0.6	54.5478	-0.170543 mg/L	Y 371.029
Ni 231.604	-0.152736b	mg/L	0.000996	0.7	113.520	-0.152736 mg/L	Y 371.029
P 177.434	0.172816b	mg/L	0.008531	4.9	6.51260	0.172816 mg/L	Y 371.029
P 213.618	-0.101949b	mg/L	0.010999	10.8	52.3433	-0.101949 mg/L	Y 371.029
P 214.914	0.193844b	mg/L	0.010881	5.6	51.1396	0.193844 mg/L	Y 371.029
Pb 220.353	-0.022174uvb	mg/L	0.002658	12.0	-1.18331	-0.022174 mg/L	Y 371.029
Pb 261.417	-0.286798b	mg/L	0.051128	17.8	59.2764	-0.286798 mg/L	Y 371.029
Pb 405.781	-0.253971b	mg/L	0.002658	1.0	145.377	-0.253971 mg/L	Y 371.029
Sb 206.834	-0.211774b	mg/L	0.002061	1.0	7.72388	-0.211774 mg/L	Y 371.029
Sb 231.146	0.151691b	mg/L	0.006163	4.1	18.6581	0.151691 mg/L	Y 371.029
Sb 259.804	0.281595b	mg/L	0.116187	41.3	384.939	0.281595 mg/L	Y 371.029
Se 196.026	0.041047uvb	mg/L	0.003202	7.8	2.52858	0.041047 mg/L	Y 371.029
Se 203.985	0.205926b	mg/L	0.007821	3.8	6.52694	0.205926 mg/L	Y 371.029
Si 250.690	16.7916b	mg/L	0.050769	0.3	19988.5	16.7916 mg/L	Y 371.029
Si 251.611	16.2057b	mg/L	0.047656	0.3	22972.2	16.2057 mg/L	Y 371.029
Si 288.158	17.2675b	mg/L	0.304444	1.8	113608	17.2675 mg/L	Y 371.029
Sn 189.927	-0.031316uvb	mg/L	0.004089	13.1	2.23898	-0.031316 mg/L	Y 371.029
Sn 283.998	-0.149216b	mg/L	0.002822	1.9	18.3758	-0.149216 mg/L	Y 371.029
Sr 216.596	1.08007b	mg/L	0.001585	0.1	8801.27	1.08007 mg/L	Y 371.029
Sr 407.771	1.03952b	mg/L	0.003314	0.3	2638551	1.03952 mg/L	Y 371.029
Sr 421.552	1.05593b	mg/L	0.003225	0.3	1665230	1.05593 mg/L	Y 371.029
Ti 334.941	-0.014821uvb	mg/L	0.000094	0.6	42.0162	-0.014821 mg/L	Y 371.029
Ti 336.122	-0.014526uvb	mg/L	0.000214	1.5	20.8772	-0.014526 mg/L	Y 371.029
Ti 337.280	-0.019174b	mg/L	0.000306	1.6	20.6138	-0.019174 mg/L	Y 371.029
Tl 190.794	0.006002uvb	mg/L	0.006685	111.4	1.50986	0.006002 mg/L	Y 371.029
Tl 190.807	-0.015502b	mg/L	0.006417	41.4	3.66771	-0.015502 mg/L	Y 371.029
Tl 351.923	0.077130b	mg/L	0.002053	2.7	8.99947	0.077130 mg/L	Y 371.029
V 268.796	-0.178763b	mg/L	0.000359	0.2	55.9673	-0.178763 mg/L	Y 371.029
V 292.401	-0.039152b	mg/L	0.000255	0.7	147.725	-0.039152 mg/L	Y 371.029
V 311.837	-0.032422b	mg/L	0.000051	0.2	6.69092	-0.032422 mg/L	Y 371.029
Zn 202.548	18.6041b	mg/L	0.082880	0.4	135644	18.6041 mg/L	Y 371.029
Zn 206.200	18.9988b	mg/L	0.132016	0.7	45009.0	18.9988 mg/L	Y 371.029
Zn 213.857	19.5930b	mg/L	0.310408	1.6	293427	19.5930 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.983294	7884.82	40.784	0.5
Y 371.029	0.825281	136095	544.337	0.4

11J1391-28 (Samp) **11/4/2011, 4:14:59 PM** **Rack 3, Tube 56**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001059	mg/L	0.000058	5.4	371.409	0.001059 mg/L	Y 371.029
Ag 338.289	0.000849uv	mg/L	0.001488	175.3	5.19269	0.000849 mg/L	Y 371.029
Al 237.312	-0.003373uv	mg/L	0.002155	63.9	60.1542	-0.003373 mg/L	Y 371.029
Al 257.509	0.018628	mg/L	0.003176	17.0	25.5630	0.018628 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.005128	mg/L	0.000214	4.2	655.734	0.005128 mg/L	Y 371.029
As 188.980	0.000090uv	mg/L	0.003401	3773.4	4.14989	0.000090 mg/L	Y 371.029
As 193.696	-0.000437uv	mg/L	0.002249	514.5	2.63246	-0.000437 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007171	177.3	4.63921	uncal mg/L	Y 371.029
B 182.577	0.037412	mg/L	0.005293	14.1	21.9009	0.037412 mg/L	Y 371.029
B 249.678	0.037598	mg/L	0.005687	15.1	359.678	0.037598 mg/L	Y 371.029
B 249.772	0.038040	mg/L	0.005295	13.9	780.717	0.038040 mg/L	Y 371.029
Ba 233.527	0.000124	mg/L	0.000055	44.6	169.581	0.000124 mg/L	Y 371.029
Ba 455.403	-0.000253uv	mg/L	0.000025	10.1	4330.67	-0.000253 mg/L	Y 371.029
Ba 493.408	-0.000247uv	mg/L	0.000016	6.6	2634.10	-0.000247 mg/L	Y 371.029
Be 234.861	0.000039	mg/L	0.000003	8.2	1.69168	0.000039 mg/L	Y 371.029
Be 313.042	-0.000358uv	mg/L	0.000006	1.8	1380.07	-0.000358 mg/L	Y 371.029
Be 313.107	0.000027	mg/L	0.000016	60.5	35.4576	0.000027 mg/L	Y 371.029
Ca 393.366	-0.006072nuv	mg/L	0.000850	14.0	30976.8	-0.006072 mg/L	Y 371.029
Ca 396.847	-0.002836uv	mg/L	0.000899	31.7	43634.1	-0.002836 mg/L	Y 371.029
Ca 430.253	-0.005559uv	mg/L	0.001326	23.8	775.167	-0.005559 mg/L	Y 371.029
Cd 214.439	0.000167	mg/L	0.000104	62.3	7.22843	0.000167 mg/L	Y 371.029
Cd 226.502	0.000169	mg/L	0.000014	8.5	19.8756	0.000169 mg/L	Y 371.029
Cd 228.802	0.000070uv	mg/L	0.000224	318.4	15.4239	0.000070 mg/L	Y 371.029
Co 228.615	0.000364	mg/L	0.000107	29.5	4.07031	0.000364 mg/L	Y 371.029
Co 230.786	0.000141uv	mg/L	0.000304	215.5	5.70540	0.000141 mg/L	Y 371.029
Co 238.892	0.000147uv	mg/L	0.000559	380.3	3.81855	0.000147 mg/L	Y 371.029
Cr 205.560	0.000515	mg/L	0.000312	60.6	3.65154	0.000515 mg/L	Y 371.029
Cr 206.158	-0.000404uv	mg/L	0.000069	17.0	1.31642	-0.000404 mg/L	Y 371.029
Cr 267.716	0.000167	mg/L	0.000092	55.3	18.3541	0.000167 mg/L	Y 371.029
Cu 213.598	0.000172	mg/L	0.000087	50.8	0.603693	0.000172 mg/L	Y 371.029
Cu 324.754	-0.001492uv	mg/L	0.000011	0.7	396.829	-0.001492 mg/L	Y 371.029
Cu 327.395	0.000156	mg/L	0.000112	71.7	24.7672	0.000156 mg/L	Y 371.029
Fe 234.350	0.028617	mg/L	0.004446	15.5	240.055	0.028617 mg/L	Y 371.029
Fe 238.204	0.029625	mg/L	0.004329	14.6	508.236	0.029625 mg/L	Y 371.029
Fe 259.940	0.029551	mg/L	0.004184	14.2	441.875	0.029551 mg/L	Y 371.029
Ga 287.423	0.000787uv	mg/L	0.001200	152.4	11.9707	0.000787 mg/L	Y 371.029
Ga 294.363	0.001322	mg/L	0.000405	30.6	16.4692	0.001322 mg/L	Y 371.029
Ga 417.204	0.003300	mg/L	0.000709	21.5	67.5674	0.003300 mg/L	Y 371.029
K 766.491	0.002128	mg/L	0.000098	4.6	1939.75	0.002128 mg/L	Y 371.029
K 769.897	0.006953	mg/L	0.000688	9.9	8829.69	0.006953 mg/L	Y 371.029
Li 610.365	0.001095	mg/L	0.000203	18.6	-12.9449	0.001095 mg/L	Y 371.029
Li 670.783	0.000336	mg/L	0.000073	21.8	53716.3	0.000336 mg/L	Y 371.029
Mg 279.078	0.011286	mg/L	0.003780	33.5	19.6929	0.011286 mg/L	Y 371.029
Mg 280.270	0.003059	mg/L	0.001379	45.1	766.315	0.003059 mg/L	Y 371.029
Mg 285.213	0.003040	mg/L	0.001238	40.7	229.140	0.003040 mg/L	Y 371.029
Mn 257.610	0.000354	mg/L	0.000047	13.2	58.8889	0.000354 mg/L	Y 371.029
Mn 259.372	0.000375	mg/L	0.000049	13.0	68.8904	0.000375 mg/L	Y 371.029
Mn 260.568	0.000289	mg/L	0.000068	23.7	9.77040	0.000289 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000397	25.5	18.1625	uncal mg/L	Y 371.029
Mo 203.846	-0.000410uv	mg/L	0.000484	117.9	6.34127	-0.000410 mg/L	Y 371.029
Mo 204.598	0.000624uv	mg/L	0.000796	127.4	5.00866	0.000624 mg/L	Y 371.029
Na 568.821	1.06728	mg/L	0.025427	2.4	154.151	1.06728 mg/L	Y 371.029
Na 588.995	-0.054180uv	mg/L	0.005918	10.9	221382	-0.054180 mg/L	Y 371.029
Na 589.592	-0.322404uv	mg/L	0.005737	1.8	99479.5	-0.322404 mg/L	Y 371.029
Ni 216.555	0.000406uv	mg/L	0.000642	157.9	5.36515	0.000406 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	-0.000470uv	mg/L	0.000303	64.5	2.95682	-0.000470 mg/L	Y 371.029
Ni 231.604	-0.000764uv	mg/L	0.000409	53.5	5.96963	-0.000764 mg/L	Y 371.029
P 177.434	-0.000868uv	mg/L	0.006165	710.5	0.438604	-0.000868 mg/L	Y 371.029
P 213.618	0.010058	mg/L	0.002535	25.2	5.01955	0.010058 mg/L	Y 371.029
P 214.914	0.019309	mg/L	0.001782	9.2	2.83094	0.019309 mg/L	Y 371.029
Pb 220.353	-0.001208uv	mg/L	0.001950	161.4	3.41562	-0.001208 mg/L	Y 371.029
Pb 261.417	0.006153	mg/L	0.003690	60.0	9.96298	0.006153 mg/L	Y 371.029
Pb 405.781	-0.004136uv	mg/L	0.013853	335.0	79.9989	-0.004136 mg/L	Y 371.029
Sb 206.834	-0.003471uv	mg/L	0.001818	52.4	4.26673	-0.003471 mg/L	Y 371.029
Sb 231.146	-0.001941uv	mg/L	0.002478	127.7	4.78944	-0.001941 mg/L	Y 371.029
Sb 259.804	-0.013464uv	mg/L	0.009589	71.2	6.62979	-0.013464 mg/L	Y 371.029
Se 196.026	-0.006146uv	mg/L	0.008032	130.7	2.80712	-0.006146 mg/L	Y 371.029
Se 203.985	-0.002648uv	mg/L	0.007173	270.9	1.46977	-0.002648 mg/L	Y 371.029
Si 250.690	0.114750	mg/L	0.001251	1.1	272.597	0.114750 mg/L	Y 371.029
Si 251.611	0.109492	mg/L	0.001381	1.3	303.812	0.109492 mg/L	Y 371.029
Si 288.158	0.104656	mg/L	0.002217	2.1	2093.59	0.104656 mg/L	Y 371.029
Sn 189.927	0.006602	mg/L	0.002463	37.3	3.10990	0.006602 mg/L	Y 371.029
Sn 283.998	0.000564uv	mg/L	0.002483	440.0	8.63733	0.000564 mg/L	Y 371.029
Sr 216.596	0.000351	mg/L	0.000170	48.2	19.2523	0.000351 mg/L	Y 371.029
Sr 407.771	-0.000092uv	mg/L	0.000008	9.0	5484.77	-0.000092 mg/L	Y 371.029
Sr 421.552	-0.000037uv	mg/L	0.000011	29.3	3352.09	-0.000037 mg/L	Y 371.029
Ti 334.941	-0.000117uv	mg/L	0.000092	78.3	109.629	-0.000117 mg/L	Y 371.029
Ti 336.122	0.000135	mg/L	0.000149	111.1	25.7251	0.000135 mg/L	Y 371.029
Ti 337.280	-0.000025uv	mg/L	0.000289	1157.3	9.61579	-0.000025 mg/L	Y 371.029
Tl 190.794	-0.000861uv	mg/L	0.002561	297.4	1.65603	-0.000861 mg/L	Y 371.029
Tl 190.807	0.003410	mg/L	0.003063	89.8	1.15779	0.003410 mg/L	Y 371.029
Tl 351.923	0.004856	mg/L	0.002246	46.3	11.6268	0.004856 mg/L	Y 371.029
V 268.796	0.000369	mg/L	0.000061	16.5	22.4353	0.000369 mg/L	Y 371.029
V 292.401	-0.000035uv	mg/L	0.000131	378.2	20.6179	-0.000035 mg/L	Y 371.029
V 311.837	0.000276	mg/L	0.000073	26.6	12.3061	0.000276 mg/L	Y 371.029
Zn 202.548	0.033491	mg/L	0.000377	1.1	756.721	0.033491 mg/L	Y 371.029
Zn 206.200	0.033218	mg/L	0.000718	2.2	247.191	0.033218 mg/L	Y 371.029
Zn 213.857	0.030422	mg/L	0.000251	0.8	1485.71	0.030422 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.11755	8961.38	54.895	0.6
Y 371.029	0.929264	153242	772.833	0.5

11J1391-29 (Samp) **11/4/2011, 4:18:33 PM** **Rack 3, Tube 57**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000316	mg/L	0.000298	94.4	355.196	-0.000316 mg/L	Y 371.029
Ag 338.289	0.000340uv	mg/L	0.001051	309.3	3.98668	0.000340 mg/L	Y 371.029
Al 237.312	0.000036uv	mg/L	0.003172	8875.3	37.8545	0.000036 mg/L	Y 371.029
Al 257.509	0.010687uv	mg/L	0.014929	139.7	19.6551	0.010687 mg/L	Y 371.029
Al 308.215	0.028569	mg/L	0.000353	1.2	661.694	0.028569 mg/L	Y 371.029
As 188.980	0.004506	mg/L	0.000846	18.8	5.21262	0.004506 mg/L	Y 371.029
As 193.696	-0.001685uv	mg/L	0.001518	90.1	2.48510	-0.001685 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003202	27.1	9.07754	uncal mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.029292	mg/L	0.001294	4.4	19.4320	0.029292 mg/L	Y 371.029
B 249.678	0.025397	mg/L	0.001346	5.3	291.802	0.025397 mg/L	Y 371.029
B 249.772	0.048578	mg/L	0.001115	2.3	1733.44	0.048578 mg/L	Y 371.029
Ba 233.527	0.177562	mg/L	0.001230	0.7	6157.01	0.177562 mg/L	Y 371.029
Ba 455.403	0.166984	mg/L	0.000819	0.5	162727	0.166984 mg/L	Y 371.029
Ba 493.408	0.169267	mg/L	0.000892	0.5	96390.7	0.169267 mg/L	Y 371.029
Be 234.861	0.000685uv	mg/L	0.001603	234.1	-182.719	0.000685 mg/L	Y 371.029
Be 313.042	-0.000307uv	mg/L	0.000008	2.4	1442.32	-0.000307 mg/L	Y 371.029
Be 313.107	0.000027	mg/L	0.000008	31.1	38.1716	0.000027 mg/L	Y 371.029
Ca 393.366	18.3175n	mg/L	0.131922	0.7	23601078	18.3175 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.255708	1.4	36248356	- mg/L	Y 371.029
Ca 430.253	23.3510	mg/L	0.154562	0.7	87368.9	23.3510 mg/L	Y 371.029
Cd 214.439	0.000793	mg/L	0.000071	8.9	23.5020	0.000793 mg/L	Y 371.029
Cd 226.502	0.002627	mg/L	0.000115	4.4	193.986	0.002627 mg/L	Y 371.029
Cd 228.802	0.000346uv	mg/L	0.000300	86.7	13.6546	0.000346 mg/L	Y 371.029
Co 228.615	-0.022380	mg/L	0.000313	1.4	3.62307	-0.022380 mg/L	Y 371.029
Co 230.786	-0.024177	mg/L	0.000581	2.4	18.5895	-0.024177 mg/L	Y 371.029
Co 238.892	0.029706uv	mg/L	0.028724	96.7	-148.419	0.029706 mg/L	Y 371.029
Cr 205.560	-0.008375uv	mg/L	0.000611	7.3	2.63589	-0.008375 mg/L	Y 371.029
Cr 206.158	-0.008339uv	mg/L	0.001229	14.7	3.10598	-0.008339 mg/L	Y 371.029
Cr 267.716	-0.008285	mg/L	0.000002	0.0	18.2354	-0.008285 mg/L	Y 371.029
Cu 213.598	-0.008243	mg/L	0.000802	9.7	62.4271	-0.008243 mg/L	Y 371.029
Cu 324.754	-0.010915uv	mg/L	0.000251	2.3	320.818	-0.010915 mg/L	Y 371.029
Cu 327.395	-0.012704uv	mg/L	0.000036	0.3	15.5750	-0.012704 mg/L	Y 371.029
Fe 234.350	62.6876	mg/L	0.451155	0.7	461493	62.6876 mg/L	Y 371.029
Fe 238.204	58.9258	mg/L	0.979491	1.7	949877	58.9258 mg/L	Y 371.029
Fe 259.940	59.0727	mg/L	0.512003	0.9	799447	59.0727 mg/L	Y 371.029
Ga 287.423	-0.190529	mg/L	0.001308	0.7	505.293	-0.190529 mg/L	Y 371.029
Ga 294.363	-0.003358	mg/L	0.000702	20.9	26.5218	-0.003358 mg/L	Y 371.029
Ga 417.204	0.002491	mg/L	0.000490	19.7	197.574	0.002491 mg/L	Y 371.029
K 766.491	1.40305	mg/L	0.005722	0.4	79028.1	1.40305 mg/L	Y 371.029
K 769.897	1.32163	mg/L	0.006104	0.5	68751.1	1.32163 mg/L	Y 371.029
Li 610.365	0.002322	mg/L	0.000120	5.2	36.8498	0.002322 mg/L	Y 371.029
Li 670.783	0.002409	mg/L	0.000060	2.5	61387.9	0.002409 mg/L	Y 371.029
Mg 279.078	8.99624	mg/L	0.064921	0.7	11838.2	8.99624 mg/L	Y 371.029
Mg 280.270	8.73737	mg/L	0.061271	0.7	793062	8.73737 mg/L	Y 371.029
Mg 285.213	9.25339	mg/L	0.102926	1.1	277841	9.25339 mg/L	Y 371.029
Mn 257.610	1.05208	mg/L	0.009889	0.9	142345	1.05208 mg/L	Y 371.029
Mn 259.372	1.04578	mg/L	0.012804	1.2	112407	1.04578 mg/L	Y 371.029
Mn 260.568	1.03847	mg/L	0.011457	1.1	18762.6	1.03847 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000847	19.4	11.7558	uncal mg/L	Y 371.029
Mo 203.846	-0.007723uv	mg/L	0.000647	8.4	5.85679	-0.007723 mg/L	Y 371.029
Mo 204.598	-0.007280uv	mg/L	0.000305	4.2	3.73959	-0.007280 mg/L	Y 371.029
Na 568.821	15.0306	mg/L	0.103362	0.7	3923.84	15.0306 mg/L	Y 371.029
Na 588.995	16.6462	mg/L	0.097757	0.6	7345690	16.6462 mg/L	Y 371.029
Na 589.592	17.6108	mg/L	0.330558	1.9	4060926	17.6108 mg/L	Y 371.029
Ni 216.555	-0.042725	mg/L	0.000413	1.0	22.8353	-0.042725 mg/L	Y 371.029
Ni 221.648	-0.041916	mg/L	0.000795	1.9	8.45690	-0.041916 mg/L	Y 371.029
Ni 231.604	-0.043986uv	mg/L	0.000434	1.0	7.99169	-0.043986 mg/L	Y 371.029
P 177.434	0.988361	mg/L	0.007700	0.8	40.9227	0.988361 mg/L	Y 371.029
P 213.618	0.834847	mg/L	0.004156	0.5	428.018	0.834847 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.810105	mg/L	0.009672	1.2	130.711	0.810105 mg/L	Y 371.029
Pb 220.353	0.001133uv	mg/L	0.003755	331.5	6.31761	0.001133 mg/L	Y 371.029
Pb 261.417	-0.005246uv	mg/L	0.002570	49.0	2.01673	-0.005246 mg/L	Y 371.029
Pb 405.781	-0.038854uv	mg/L	0.007742	19.9	54.3094	-0.038854 mg/L	Y 371.029
Sb 206.834	-0.009658uv	mg/L	0.001998	20.7	5.35345	-0.009658 mg/L	Y 371.029
Sb 231.146	0.002170	mg/L	0.005533	254.9	9.41142	0.002170 mg/L	Y 371.029
Sb 259.804	-0.127788	mg/L	0.032989	25.8	39.2718	-0.127788 mg/L	Y 371.029
Se 196.026	-0.004397uv	mg/L	0.010590	240.9	2.74197	-0.004397 mg/L	Y 371.029
Se 203.985	0.013891	mg/L	0.000408	2.9	2.17485	0.013891 mg/L	Y 371.029
Si 250.690	27.2485	mg/L	0.049639	0.2	32023.1	27.2485 mg/L	Y 371.029
Si 251.611	26.5852	mg/L	0.040638	0.2	36791.7	26.5852 mg/L	Y 371.029
Si 288.158	27.6247	mg/L	0.258728	0.9	180168	27.6247 mg/L	Y 371.029
Sn 189.927	-0.000824uv	mg/L	0.002448	297.3	1.86485	-0.000824 mg/L	Y 371.029
Sn 283.998	-0.008886uv	mg/L	0.002682	30.2	7.57708	-0.008886 mg/L	Y 371.029
Sr 216.596	0.117902	mg/L	0.001091	0.9	1024.25	0.117902 mg/L	Y 371.029
Sr 407.771	0.118382	mg/L	0.000781	0.7	305685	0.118382 mg/L	Y 371.029
Sr 421.552	0.119962	mg/L	0.000987	0.8	192269	0.119962 mg/L	Y 371.029
Ti 334.941	-0.002784uv	mg/L	0.000087	3.1	133.260	-0.002784 mg/L	Y 371.029
Ti 336.122	-0.002267	mg/L	0.000085	3.7	38.2519	-0.002267 mg/L	Y 371.029
Ti 337.280	-0.002430	mg/L	0.000239	9.8	20.1221	-0.002430 mg/L	Y 371.029
Tl 190.794	-0.003848uv	mg/L	0.001191	30.9	1.52998	-0.003848 mg/L	Y 371.029
Tl 190.807	0.007606	mg/L	0.003553	46.7	1.49635	0.007606 mg/L	Y 371.029
Tl 351.923	0.003197uv	mg/L	0.002662	83.3	8.82991	0.003197 mg/L	Y 371.029
V 268.796	-0.005968	mg/L	0.000278	4.7	31.3677	-0.005968 mg/L	Y 371.029
V 292.401	-0.008233	mg/L	0.000187	2.3	45.5785	-0.008233 mg/L	Y 371.029
V 311.837	-0.007253	mg/L	0.000118	1.6	9.07300	-0.007253 mg/L	Y 371.029
Zn 202.548	0.496557	mg/L	0.003301	0.7	4120.75	0.496557 mg/L	Y 371.029
Zn 206.200	0.493222	mg/L	0.007745	1.6	1332.28	0.493222 mg/L	Y 371.029
Zn 213.857	0.478706	mg/L	0.008724	1.8	8232.58	0.478706 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.11802	8965.15	64.565	0.7
Y 371.029	0.930325	153417	1197.265	0.8

11J1391-30 (Samp) **11/4/2011, 4:22:25 PM** **Rack 3, Tube 58**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.003994b	mg/L	0.000158	4.0	442.816	-0.003994 mg/L	Y 371.029
Ag 338.289	-0.000700uvb	mg/L	0.000519	74.2	-1.15779	-0.000700 mg/L	Y 371.029
Al 237.312	14.3342b	mg/L	0.049259	0.3	19177.5	14.3342 mg/L	Y 371.029
Al 257.509	14.4669b	mg/L	0.048757	0.3	8411.51	14.4669 mg/L	Y 371.029
Al 308.215	14.8783b	mg/L	0.065695	0.4	78897.4	14.8783 mg/L	Y 371.029
As 188.980	0.016417b	mg/L	0.005347	32.6	7.93037	0.016417 mg/L	Y 371.029
As 193.696	0.000019uvb	mg/L	0.005368	27738.5	3.19571	0.000019 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.011293	46.0	17.1548	uncal mg/L	Y 371.029
B 182.577	0.037095b	mg/L	0.000645	1.7	28.2221	0.037095 mg/L	Y 371.029
B 249.678	0.033172b	mg/L	0.000108	0.3	447.302	0.033172 mg/L	Y 371.029
B 249.772	0.087488b	mg/L	0.001028	1.2	3311.78	0.087488 mg/L	Y 371.029
Ba 233.527	0.221854b	mg/L	0.001235	0.6	7791.11	0.221854 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.217176b	mg/L	0.000935	0.4	213323	0.217176 mg/L	Y 371.029
Ba 493.408	0.220261b	mg/L	0.001326	0.6	126520	0.220261 mg/L	Y 371.029
Be 234.861	-0.000792uvb	mg/L	0.000196	24.7	-597.208	-0.000792 mg/L	Y 371.029
Be 313.042	0.000942b	mg/L	0.000008	0.9	3302.76	0.000942 mg/L	Y 371.029
Be 313.107	0.001216b	mg/L	0.000013	1.1	925.536	0.001216 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.115417	0.4	40162292	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.065671	0.3	39615252	- mg/L	Y 371.029
Ca 430.253	207.846b	mg/L	0.929642	0.4	769936	207.846 mg/L	Y 371.029
Cd 214.439	0.014766b	mg/L	0.000208	1.4	256.576	0.014766 mg/L	Y 371.029
Cd 226.502	0.018194b	mg/L	0.000065	0.4	791.777	0.018194 mg/L	Y 371.029
Cd 228.802	0.012397b	mg/L	0.000187	1.5	170.037	0.012397 mg/L	Y 371.029
Co 228.615	-0.036855b	mg/L	0.001175	3.2	85.9778	-0.036855 mg/L	Y 371.029
Co 230.786	-0.039178b	mg/L	0.001148	2.9	90.5865	-0.039178 mg/L	Y 371.029
Co 238.892	0.029378uvb	mg/L	0.002199	7.5	-469.935	0.029378 mg/L	Y 371.029
Cr 205.560	0.381591b	mg/L	0.003120	0.8	1482.81	0.381591 mg/L	Y 371.029
Cr 206.158	0.367166b	mg/L	0.003780	1.0	603.754	0.367166 mg/L	Y 371.029
Cr 267.716	0.382941b	mg/L	0.005958	1.6	7731.44	0.382941 mg/L	Y 371.029
Cu 213.598	0.119461b	mg/L	0.000886	0.7	561.195	0.119461 mg/L	Y 371.029
Cu 324.754	0.121389b	mg/L	0.000737	0.6	4811.30	0.121389 mg/L	Y 371.029
Cu 327.395	0.107201b	mg/L	0.000797	0.7	5844.94	0.107201 mg/L	Y 371.029
Fe 234.350	130.364b	mg/L	1.12267	0.9	960429	130.364 mg/L	Y 371.029
Fe 238.204	122.074b	mg/L	0.852686	0.7	1969532	122.074 mg/L	Y 371.029
Fe 259.940	124.124b	mg/L	0.479851	0.4	1681044	124.124 mg/L	Y 371.029
Ga 287.423	-0.368233b	mg/L	0.003463	0.9	1120.72	-0.368233 mg/L	Y 371.029
Ga 294.363	0.000197b	mg/L	0.001622	823.7	79.9021	0.000197 mg/L	Y 371.029
Ga 417.204	-0.009476b	mg/L	0.000898	9.5	728.786	-0.009476 mg/L	Y 371.029
K 766.491	3.37710b	mg/L	0.010675	0.3	188662	3.37710 mg/L	Y 371.029
K 769.897	3.19558b	mg/L	0.011040	0.3	154751	3.19558 mg/L	Y 371.029
Li 610.365	0.002899b	mg/L	0.000595	20.5	60.2288	0.002899 mg/L	Y 371.029
Li 670.783	0.010089b	mg/L	0.000140	1.4	89354.5	0.010089 mg/L	Y 371.029
Mg 279.078	50.4900b	mg/L	0.227144	0.4	66362.6	50.4900 mg/L	Y 371.029
Mg 280.270	42.3880b	mg/L	0.259946	0.6	3845958	42.3880 mg/L	Y 371.029
Mg 285.213	49.7237b	mg/L	0.891882	1.8	1492595	49.7237 mg/L	Y 371.029
Mn 257.610	7.80381b	mg/L	0.035176	0.5	1058883	7.80381 mg/L	Y 371.029
Mn 259.372	7.81827b	mg/L	0.039580	0.5	795952	7.81827 mg/L	Y 371.029
Mn 260.568	7.89805b	mg/L	0.065068	0.8	142460	7.89805 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000301	11.8	27.7304	uncal mg/L	Y 371.029
Mo 203.846	-0.004088b	mg/L	0.001106	27.1	18.3548	-0.004088 mg/L	Y 371.029
Mo 204.598	-0.006220b	mg/L	0.000597	9.6	13.3030	-0.006220 mg/L	Y 371.029
Na 568.821	5.18770b	mg/L	0.019361	0.4	1560.39	5.18770 mg/L	Y 371.029
Na 588.995	6.30745b	mg/L	0.021293	0.3	2966420	6.30745 mg/L	Y 371.029
Na 589.592	5.92192b	mg/L	0.020306	0.3	1497321	5.92192 mg/L	Y 371.029
Ni 216.555	-0.030213b	mg/L	0.001078	3.6	318.301	-0.030213 mg/L	Y 371.029
Ni 221.648	-0.038782b	mg/L	0.003391	8.7	104.890	-0.038782 mg/L	Y 371.029
Ni 231.604	-0.034518b	mg/L	0.001180	3.4	190.548	-0.034518 mg/L	Y 371.029
P 177.434	2.17569b	mg/L	0.021448	1.0	89.2867	2.17569 mg/L	Y 371.029
P 213.618	1.80023b	mg/L	0.009005	0.5	930.413	1.80023 mg/L	Y 371.029
P 214.914	1.76214b	mg/L	0.007828	0.4	285.633	1.76214 mg/L	Y 371.029
Pb 220.353	0.580328b	mg/L	0.006110	1.1	574.938	0.580328 mg/L	Y 371.029
Pb 261.417	0.246206b	mg/L	0.014662	6.0	123.480	0.246206 mg/L	Y 371.029
Pb 405.781	0.423825b	mg/L	0.008031	1.9	763.990	0.423825 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.029518b	mg/L	0.000660	2.2	10.9149	-0.029518 mg/L	Y 371.029
Sb 231.146	-0.061561b	mg/L	0.015109	24.5	16.1601	-0.061561 mg/L	Y 371.029
Sb 259.804	0.124273b	mg/L	0.045933	37.0	245.031	0.124273 mg/L	Y 371.029
Se 196.026	-0.014647uvb	mg/L	0.004052	27.7	4.04970	-0.014647 mg/L	Y 371.029
Se 203.985	0.107221b	mg/L	0.010035	9.4	17.0808	0.107221 mg/L	Y 371.029
Si 250.690	37.8516b	mg/L	0.246790	0.7	44452.1	37.8516 mg/L	Y 371.029
Si 251.611	36.6256b	mg/L	0.253057	0.7	50900.1	36.6256 mg/L	Y 371.029
Si 288.158	38.4846b	mg/L	0.279576	0.7	251486	38.4846 mg/L	Y 371.029
Sn 189.927	0.157155b	mg/L	0.003753	2.4	34.1323	0.157155 mg/L	Y 371.029
Sn 283.998	0.143563b	mg/L	0.000175	0.1	577.901	0.143563 mg/L	Y 371.029
Sr 216.596	0.206848b	mg/L	0.001120	0.5	1850.59	0.206848 mg/L	Y 371.029
Sr 407.771	0.208330b	mg/L	0.001931	0.9	543764	0.208330 mg/L	Y 371.029
Sr 421.552	0.219050b	mg/L	0.002326	1.1	354581	0.219050 mg/L	Y 371.029
Ti 334.941	1.02494b	mg/L	0.037515	3.7	196764	1.02494 mg/L	Y 371.029
Ti 336.122	1.02421b	mg/L	0.039452	3.9	83861.0	1.02421 mg/L	Y 371.029
Ti 337.280	1.01135b	mg/L	0.004311	0.4	29816.3	1.01135 mg/L	Y 371.029
Tl 190.794	-0.014355uvb	mg/L	0.002543	17.7	1.63618	-0.014355 mg/L	Y 371.029
Tl 190.807	0.028536b	mg/L	0.004421	15.5	1.88784	0.028536 mg/L	Y 371.029
Tl 351.923	-0.000538b	mg/L	0.003821	710.9	13.8805	-0.000538 mg/L	Y 371.029
V 268.796	0.206998b	mg/L	0.001689	0.8	1812.46	0.206998 mg/L	Y 371.029
V 292.401	0.224215b	mg/L	0.001428	0.6	7851.30	0.224215 mg/L	Y 371.029
V 311.837	0.225835b	mg/L	0.001220	0.5	10655.0	0.225835 mg/L	Y 371.029
Zn 202.548	8.71739b	mg/L	0.144066	1.7	63198.0	8.71739 mg/L	Y 371.029
Zn 206.200	8.76436b	mg/L	0.173441	2.0	20647.9	8.76436 mg/L	Y 371.029
Zn 213.857	8.74350b	mg/L	0.022057	0.3	130275	8.74350 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.09958	8817.32	22.502	0.3
Y 371.029	0.928886	153180	514.112	0.3

11J1391-31 (Samp) **11/4/2011, 4:26:38 PM** **Rack 3, Tube 59**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000094	mg/L	0.000253	269.9	363.487	-0.000094 mg/L	Y 371.029
Ag 338.289	0.000217uv	mg/L	0.000910	418.7	3.44366	0.000217 mg/L	Y 371.029
Al 237.312	-0.006124uv	mg/L	0.002128	34.7	60.5602	-0.006124 mg/L	Y 371.029
Al 257.509	0.016883	mg/L	0.007825	46.4	26.6173	0.016883 mg/L	Y 371.029
Al 308.215	0.020027	mg/L	0.001179	5.9	694.495	0.020027 mg/L	Y 371.029
As 188.980	0.007908	mg/L	0.002193	27.7	5.91532	0.007908 mg/L	Y 371.029
As 193.696	0.000680uv	mg/L	0.002250	330.6	2.64989	0.000680 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004321	32.3	13.4667	uncal mg/L	Y 371.029
B 182.577	0.031949	mg/L	0.000237	0.7	19.9388	0.031949 mg/L	Y 371.029
B 249.678	0.032110	mg/L	0.000251	0.8	325.938	0.032110 mg/L	Y 371.029
B 249.772	0.033251	mg/L	0.000623	1.9	732.511	0.033251 mg/L	Y 371.029
Ba 233.527	0.080459	mg/L	0.000340	0.4	2877.99	0.080459 mg/L	Y 371.029
Ba 455.403	0.074892	mg/L	0.000087	0.1	75617.0	0.074892 mg/L	Y 371.029
Ba 493.408	0.078004	mg/L	0.000061	0.1	45901.9	0.078004 mg/L	Y 371.029
Be 234.861	0.000107	mg/L	0.000007	7.0	1.51385	0.000107 mg/L	Y 371.029
Be 313.042	-0.000320uv	mg/L	0.000003	0.9	1433.18	-0.000320 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000018	mg/L	0.000006	34.8	32.8463	0.000018 mg/L	Y 371.029
Ca 393.366	13.5751n	mg/L	0.009966	0.1	17498040	13.5751 mg/L	Y 371.029
Ca 396.847	13.7507	mg/L	0.009308	0.1	27322426	13.7507 mg/L	Y 371.029
Ca 430.253	15.9034	mg/L	0.028599	0.2	59674.4	15.9034 mg/L	Y 371.029
Cd 214.439	0.003384	mg/L	0.000149	4.4	59.1656	0.003384 mg/L	Y 371.029
Cd 226.502	0.003352	mg/L	0.000165	4.9	118.947	0.003352 mg/L	Y 371.029
Cd 228.802	0.003081	mg/L	0.000132	4.3	54.7930	0.003081 mg/L	Y 371.029
Co 228.615	-0.000229uv	mg/L	0.000245	106.9	3.04966	-0.000229 mg/L	Y 371.029
Co 230.786	-0.000373	mg/L	0.000211	56.5	6.86342	-0.000373 mg/L	Y 371.029
Co 238.892	0.001442uv	mg/L	0.000254	17.6	2.90833	0.001442 mg/L	Y 371.029
Cr 205.560	0.000376	mg/L	0.000287	76.3	4.88448	0.000376 mg/L	Y 371.029
Cr 206.158	-0.000953uv	mg/L	0.000360	37.7	1.16079	-0.000953 mg/L	Y 371.029
Cr 267.716	-0.000440uv	mg/L	0.000117	26.6	15.4589	-0.000440 mg/L	Y 371.029
Cu 213.598	-0.000213	mg/L	0.000342	160.7	3.70002	-0.000213 mg/L	Y 371.029
Cu 324.754	-0.000733uv	mg/L	0.000193	26.3	395.464	-0.000733 mg/L	Y 371.029
Cu 327.395	-0.000214	mg/L	0.000057	26.4	37.0288	-0.000214 mg/L	Y 371.029
Fe 234.350	1.87926	mg/L	0.014811	0.8	13912.0	1.87926 mg/L	Y 371.029
Fe 238.204	1.86033	mg/L	0.007870	0.4	30139.1	1.86033 mg/L	Y 371.029
Fe 259.940	1.83709	mg/L	0.007615	0.4	24971.6	1.83709 mg/L	Y 371.029
Ga 287.423	-0.008979	mg/L	0.000999	11.1	18.6367	-0.008979 mg/L	Y 371.029
Ga 294.363	-0.000082uv	mg/L	0.000567	695.1	9.00220	-0.000082 mg/L	Y 371.029
Ga 417.204	0.001787	mg/L	0.000840	47.0	55.5453	0.001787 mg/L	Y 371.029
K 766.491	1.85564	mg/L	0.003861	0.2	103693	1.85564 mg/L	Y 371.029
K 769.897	1.75272	mg/L	0.003767	0.2	88193.7	1.75272 mg/L	Y 371.029
Li 610.365	0.002346	mg/L	0.000096	4.1	37.8150	0.002346 mg/L	Y 371.029
Li 670.783	0.001927	mg/L	0.000033	1.7	58988.9	0.001927 mg/L	Y 371.029
Mg 279.078	6.88092	mg/L	0.014885	0.2	9045.20	6.88092 mg/L	Y 371.029
Mg 280.270	6.74683	mg/L	0.041886	0.6	612457	6.74683 mg/L	Y 371.029
Mg 285.213	6.98358	mg/L	0.099719	1.4	209722	6.98358 mg/L	Y 371.029
Mn 257.610	0.285156	mg/L	0.000812	0.3	38497.1	0.285156 mg/L	Y 371.029
Mn 259.372	0.285421	mg/L	0.001562	0.5	28734.1	0.285421 mg/L	Y 371.029
Mn 260.568	0.287172	mg/L	0.001180	0.4	5201.75	0.287172 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000350	2.9	17.1551	uncal mg/L	Y 371.029
Mo 203.846	-0.013673uv	mg/L	0.000627	4.6	6.88300	-0.013673 mg/L	Y 371.029
Mo 204.598	-0.014333uv	mg/L	0.001211	8.5	3.52710	-0.014333 mg/L	Y 371.029
Na 568.821	22.8546	mg/L	0.039636	0.2	6001.92	22.8546 mg/L	Y 371.029
Na 588.995	24.5265	mg/L	0.042621	0.2	10701651	24.5265 mg/L	Y 371.029
Na 589.592	26.2024	mg/L	0.059891	0.2	5954628	26.2024 mg/L	Y 371.029
Ni 216.555	-0.000847	mg/L	0.000468	55.3	6.56421	-0.000847 mg/L	Y 371.029
Ni 221.648	0.002231	mg/L	0.002007	90.0	10.5317	0.002231 mg/L	Y 371.029
Ni 231.604	-0.001705uv	mg/L	0.000110	6.5	8.17384	-0.001705 mg/L	Y 371.029
P 177.434	0.009225	mg/L	0.003247	35.2	0.823124	0.009225 mg/L	Y 371.029
P 213.618	0.006910	mg/L	0.001994	28.9	4.81301	0.006910 mg/L	Y 371.029
P 214.914	0.038394	mg/L	0.006406	16.7	6.04186	0.038394 mg/L	Y 371.029
Pb 220.353	0.002046uv	mg/L	0.002349	114.8	6.97930	0.002046 mg/L	Y 371.029
Pb 261.417	0.002252	mg/L	0.004370	194.0	10.1046	0.002252 mg/L	Y 371.029
Pb 405.781	-0.016679uv	mg/L	0.010744	64.4	74.9741	-0.016679 mg/L	Y 371.029
Sb 206.834	-0.008143uv	mg/L	0.001157	14.2	3.67711	-0.008143 mg/L	Y 371.029
Sb 231.146	-0.004019uv	mg/L	0.004674	116.3	5.59115	-0.004019 mg/L	Y 371.029
Sb 259.804	-0.019097uv	mg/L	0.013379	70.1	8.33335	-0.019097 mg/L	Y 371.029
Se 196.026	0.002487	mg/L	0.003414	137.3	4.98406	0.002487 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.006640	mg/L	0.002357	35.5	2.26858	0.006640 mg/L	Y 371.029
Si 250.690	21.8613	mg/L	0.076815	0.4	25706.1	21.8613 mg/L	Y 371.029
Si 251.611	21.2682	mg/L	0.138780	0.7	29453.5	21.2682 mg/L	Y 371.029
Si 288.158	22.1720	mg/L	0.283777	1.3	144859	22.1720 mg/L	Y 371.029
Sn 189.927	0.001471uv	mg/L	0.002753	187.1	2.06660	0.001471 mg/L	Y 371.029
Sn 283.998	-0.004615uv	mg/L	0.001286	27.9	5.58492	-0.004615 mg/L	Y 371.029
Sr 216.596	0.084898	mg/L	0.000374	0.4	681.848	0.084898 mg/L	Y 371.029
Sr 407.771	0.080617	mg/L	0.000089	0.1	210023	0.080617 mg/L	Y 371.029
Sr 421.552	0.082026	mg/L	0.000286	0.3	132510	0.082026 mg/L	Y 371.029
Ti 334.941	0.000318	mg/L	0.000124	39.0	220.093	0.000318 mg/L	Y 371.029
Ti 336.122	0.000515	mg/L	0.000250	48.5	64.6426	0.000515 mg/L	Y 371.029
Ti 337.280	0.000173	mg/L	0.000194	112.1	23.7729	0.000173 mg/L	Y 371.029
Tl 190.794	-0.003634uv	mg/L	0.001941	53.4	0.785307	-0.003634 mg/L	Y 371.029
Tl 190.807	0.006435uv	mg/L	0.007101	110.4	1.50782	0.006435 mg/L	Y 371.029
Tl 351.923	0.000353uv	mg/L	0.008255	2337.3	6.15321	0.000353 mg/L	Y 371.029
V 268.796	-0.001388	mg/L	0.000377	27.1	25.2291	-0.001388 mg/L	Y 371.029
V 292.401	-0.000345uv	mg/L	0.000056	16.3	21.6273	-0.000345 mg/L	Y 371.029
V 311.837	-0.000068	mg/L	0.000037	55.0	8.30342	-0.000068 mg/L	Y 371.029
Zn 202.548	0.161990	mg/L	0.001537	0.9	1706.80	0.161990 mg/L	Y 371.029
Zn 206.200	0.161936	mg/L	0.000700	0.4	556.936	0.161936 mg/L	Y 371.029
Zn 213.857	0.156306	mg/L	0.000103	0.1	3403.18	0.156306 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.11767	8962.35	64.267	0.7
Y 371.029	0.926291	152752	751.396	0.5

11J1391-32 (Samp) **11/4/2011, 4:30:33 PM** **Rack 3, Tube 60**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.067776b	mg/L	0.000144	0.2	334.690	-0.067776 mg/L	Y 371.029
Ag 338.289	-0.001222b	mg/L	0.000928	76.0	4.90473	-0.001222 mg/L	Y 371.029
Al 237.312	-0.243329uvb	mg/L	0.005398	2.2	52.2779	-0.243329 mg/L	Y 371.029
Al 257.509	-0.547187b	mg/L	0.006434	1.2	18.5346	-0.547187 mg/L	Y 371.029
Al 308.215	0.507067b	mg/L	0.000428	0.1	763.086	0.507067 mg/L	Y 371.029
As 188.980	0.192466b	mg/L	0.000474	0.2	6.15938	0.192466 mg/L	Y 371.029
As 193.696	0.122048uvb	mg/L	0.004291	3.5	1.55524	0.122048 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004770	2.5	44.4307	uncal mg/L	Y 371.029
B 182.577	0.848224b	mg/L	0.013520	1.6	369.497	0.848224 mg/L	Y 371.029
B 249.678	0.746812b	mg/L	0.014834	2.0	6267.14	0.746812 mg/L	Y 371.029
B 249.772	0.770626b	mg/L	0.017151	2.2	13915.1	0.770626 mg/L	Y 371.029
Ba 233.527	0.024821b	mg/L	0.000179	0.7	1383.97	0.024821 mg/L	Y 371.029
Ba 455.403	0.031170b	mg/L	0.000066	0.2	37041.2	0.031170 mg/L	Y 371.029
Ba 493.408	0.028029b	mg/L	0.000104	0.4	22134.6	0.028029 mg/L	Y 371.029
Be 234.861	0.001073b	mg/L	0.000067	6.2	10.2530	0.001073 mg/L	Y 371.029
Be 313.042	0.000165uvb	mg/L	0.000003	1.8	1677.11	0.000165 mg/L	Y 371.029
Be 313.107	-0.000163b	mg/L	0.000010	6.3	69.9308	-0.000163 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.032524	0.1	45933676	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.016678	0.1	44297764	- mg/L	Y 371.029
Ca 430.253	182.630b	mg/L	0.531097	0.3	684140	182.630 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.028966b	mg/L	0.000228	0.8	475.919	0.028966 mg/L	Y 371.029
Cd 226.502	0.027816b	mg/L	0.000145	0.5	966.589	0.027816 mg/L	Y 371.029
Cd 228.802	0.030495b	mg/L	0.000275	0.9	400.635	0.030495 mg/L	Y 371.029
Co 228.615	0.040179b	mg/L	0.001443	3.6	266.371	0.040179 mg/L	Y 371.029
Co 230.786	0.037694b	mg/L	0.000477	1.3	196.934	0.037694 mg/L	Y 371.029
Co 238.892	-0.002848uvb	mg/L	0.027863	978.4	-40.6439	-0.002848 mg/L	Y 371.029
Cr 205.560	-0.013855uvb	mg/L	0.000156	1.1	2.24771	-0.013855 mg/L	Y 371.029
Cr 206.158	-0.015087b	mg/L	0.007388	49.0	17.6168	-0.015087 mg/L	Y 371.029
Cr 267.716	-0.012394uvb	mg/L	0.000168	1.4	14.7509	-0.012394 mg/L	Y 371.029
Cu 213.598	-0.051564b	mg/L	0.000726	1.4	52.5983	-0.051564 mg/L	Y 371.029
Cu 324.754	0.072027b	mg/L	0.000112	0.2	562.215	0.072027 mg/L	Y 371.029
Cu 327.395	-0.019580b	mg/L	0.000171	0.9	195.321	-0.019580 mg/L	Y 371.029
Fe 234.350	32.4928b	mg/L	0.149336	0.5	242129	32.4928 mg/L	Y 371.029
Fe 238.204	31.8576b	mg/L	0.122169	0.4	521099	31.8576 mg/L	Y 371.029
Fe 259.940	31.9365b	mg/L	0.085176	0.3	437043	31.9365 mg/L	Y 371.029
Ga 287.423	-0.134701b	mg/L	0.001402	1.0	291.407	-0.134701 mg/L	Y 371.029
Ga 294.363	-0.036250b	mg/L	0.000558	1.5	21.1257	-0.036250 mg/L	Y 371.029
Ga 417.204	-0.020088b	mg/L	0.000605	3.0	106.072	-0.020088 mg/L	Y 371.029
K 766.491	84.8210b	mg/L	0.143458	0.2	4661248	84.8210 mg/L	Y 371.029
K 769.897	92.1678b	mg/L	0.183587	0.2	4209698	92.1678 mg/L	Y 371.029
Li 610.365	0.002918b	mg/L	0.000144	4.9	61.0036	0.002918 mg/L	Y 371.029
Li 670.783	-0.028800b	mg/L	0.000235	0.8	64334.2	-0.028800 mg/L	Y 371.029
Mg 279.078	312.568b	mg/L	0.791810	0.3	410614	312.568 mg/L	Y 371.029
Mg 280.270	120.266b	mg/L	0.143749	0.1	10911559	120.266 mg/L	Y 371.029
Mg 285.213	219.386b	mg/L	2.14826	1.0	6585498	219.386 mg/L	Y 371.029
Mn 257.610	2.75629b	mg/L	0.006566	0.2	371525	2.75629 mg/L	Y 371.029
Mn 259.372	2.69915b	mg/L	0.010053	0.4	277056	2.69915 mg/L	Y 371.029
Mn 260.568	2.71321b	mg/L	0.025998	1.0	50332.2	2.71321 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000676	0.0	7.47621	uncal mg/L	Y 371.029
Mo 203.846	-1.71496uvb	mg/L	0.001807	0.1	6.32722	-1.71496 mg/L	Y 371.029
Mo 204.598	-1.75103uvb	mg/L	0.000919	0.1	0.414992	-1.75103 mg/L	Y 371.029
Na 568.821	-xb	mg/L	11.4831	0.4	777261	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.136438	0.2	32438878	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.835065	0.6	32871682	- mg/L	Y 371.029
Ni 216.555	-0.010426b	mg/L	0.001001	9.6	54.3077	-0.010426 mg/L	Y 371.029
Ni 221.648	-0.027081b	mg/L	0.001523	5.6	19.9874	-0.027081 mg/L	Y 371.029
Ni 231.604	-0.007607b	mg/L	0.001002	13.2	61.3585	-0.007607 mg/L	Y 371.029
P 177.434	0.080845uvb	mg/L	0.012629	15.6	0.283305	0.080845 mg/L	Y 371.029
P 213.618	-0.230507b	mg/L	0.001492	0.6	2.01984	-0.230507 mg/L	Y 371.029
P 214.914	0.061303b	mg/L	0.007673	12.5	9.45684	0.061303 mg/L	Y 371.029
Pb 220.353	-0.022374uvb	mg/L	0.000966	4.3	3.01705	-0.022374 mg/L	Y 371.029
Pb 261.417	-0.609286uvb	mg/L	0.009435	1.5	7.66126	-0.609286 mg/L	Y 371.029
Pb 405.781	-0.087032b	mg/L	0.002797	3.2	463.794	-0.087032 mg/L	Y 371.029
Sb 206.834	-0.272168uvb	mg/L	0.001810	0.7	5.52786	-0.272168 mg/L	Y 371.029
Sb 231.146	0.186279uvb	mg/L	0.003202	1.7	4.93573	0.186279 mg/L	Y 371.029
Sb 259.804	0.198133b	mg/L	0.058475	29.5	55.1504	0.198133 mg/L	Y 371.029
Se 196.026	0.069158b	mg/L	0.007438	10.8	7.02552	0.069158 mg/L	Y 371.029
Se 203.985	0.207393b	mg/L	0.008354	4.0	2.82356	0.207393 mg/L	Y 371.029
Si 250.690	6.37041b	mg/L	0.017499	0.3	7811.08	6.37041 mg/L	Y 371.029
Si 251.611	5.97320b	mg/L	0.019150	0.3	8967.71	5.97320 mg/L	Y 371.029
Si 288.158	6.52222b	mg/L	0.043518	0.7	44130.3	6.52222 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	-0.040559uvb	mg/L	0.003751	9.2	2.24361	-0.040559 mg/L	Y 371.029
Sn 283.998	-0.178692b	mg/L	0.003257	1.8	14.9614	-0.178692 mg/L	Y 371.029
Sr 216.596	1.92562b	mg/L	0.014689	0.8	15032.7	1.92562 mg/L	Y 371.029
Sr 407.771	1.84147b	mg/L	0.016261	0.9	4662120	1.84147 mg/L	Y 371.029
Sr 421.552	1.87403b	mg/L	0.014490	0.8	2947137	1.87403 mg/L	Y 371.029
Ti 334.941	-0.002968uvb	mg/L	0.000097	3.3	58.1474	-0.002968 mg/L	Y 371.029
Ti 336.122	-0.004032uvb	mg/L	0.000250	6.2	22.1754	-0.004032 mg/L	Y 371.029
Ti 337.280	-0.011422uvb	mg/L	0.000268	2.3	15.0927	-0.011422 mg/L	Y 371.029
Tl 190.794	0.043835uvb	mg/L	0.003105	7.1	2.01492	0.043835 mg/L	Y 371.029
Tl 190.807	-0.047462b	mg/L	0.013615	28.7	2.93060	-0.047462 mg/L	Y 371.029
Tl 351.923	0.124398b	mg/L	0.005786	4.7	28.0635	0.124398 mg/L	Y 371.029
V 268.796	-0.229917b	mg/L	0.000642	0.3	38.4036	-0.229917 mg/L	Y 371.029
V 292.401	-0.010143b	mg/L	0.000181	1.8	34.4382	-0.010143 mg/L	Y 371.029
V 311.837	-0.005364b	mg/L	0.000057	1.1	8.00721	-0.005364 mg/L	Y 371.029
Zn 202.548	5.20490b	mg/L	0.091199	1.8	40258.0	5.20490 mg/L	Y 371.029
Zn 206.200	5.30978b	mg/L	0.057206	1.1	13343.7	5.30978 mg/L	Y 371.029
Zn 213.857	5.63470b	mg/L	0.117472	2.1	89128.2	5.63470 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.979447	7853.97	6.371	0.1
Y 371.029	0.816494	134646	91.875	0.1

1145200-DUP2 (Samp) **11/4/2011, 4:34:39 PM** **Rack 4, Tube 1**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.064914b	mg/L	0.000251	0.4	354.436	-0.064914 mg/L	Y 371.029
Ag 338.289	-0.000112b	mg/L	0.000521	463.6	7.86265	-0.000112 mg/L	Y 371.029
Al 237.312	-0.240459uvb	mg/L	0.002538	1.1	45.0736	-0.240459 mg/L	Y 371.029
Al 257.509	-0.526313b	mg/L	0.003859	0.7	19.1024	-0.526313 mg/L	Y 371.029
Al 308.215	0.486611b	mg/L	0.001805	0.4	745.489	0.486611 mg/L	Y 371.029
As 188.980	0.180807uvb	mg/L	0.003414	1.9	4.73404	0.180807 mg/L	Y 371.029
As 193.696	0.121168uvb	mg/L	0.004278	3.5	2.74130	0.121168 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003937	2.3	36.7692	uncal mg/L	Y 371.029
B 182.577	0.830912b	mg/L	0.006661	0.8	362.067	0.830912 mg/L	Y 371.029
B 249.678	0.732604b	mg/L	0.010408	1.4	6142.67	0.732604 mg/L	Y 371.029
B 249.772	0.753219b	mg/L	0.014972	2.0	13595.7	0.753219 mg/L	Y 371.029
Ba 233.527	0.024035b	mg/L	0.000041	0.2	1344.44	0.024035 mg/L	Y 371.029
Ba 455.403	0.030048b	mg/L	0.000059	0.2	35890.0	0.030048 mg/L	Y 371.029
Ba 493.408	0.026992b	mg/L	0.000113	0.4	21432.9	0.026992 mg/L	Y 371.029
Be 234.861	0.001034b	mg/L	0.000039	3.7	9.35665	0.001034 mg/L	Y 371.029
Be 313.042	0.000151uvb	mg/L	0.000002	1.2	1674.47	0.000151 mg/L	Y 371.029
Be 313.107	-0.000163b	mg/L	0.000011	6.5	64.1064	-0.000163 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.076116	0.2	46309940	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.093222	0.4	44644792	- mg/L	Y 371.029
Ca 430.253	176.173b	mg/L	0.676029	0.4	659978	176.173 mg/L	Y 371.029
Cd 214.439	0.028100b	mg/L	0.000042	0.1	461.806	0.028100 mg/L	Y 371.029
Cd 226.502	0.026951b	mg/L	0.000169	0.6	936.628	0.026951 mg/L	Y 371.029
Cd 228.802	0.029561b	mg/L	0.000248	0.8	388.887	0.029561 mg/L	Y 371.029
Co 228.615	0.038865b	mg/L	0.000435	1.1	258.171	0.038865 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.036769b	mg/L	0.000132	0.4	192.599	0.036769 mg/L	Y 371.029
Co 238.892	0.009516b	mg/L	0.001978	20.8	22.9360	0.009516 mg/L	Y 371.029
Cr 205.560	-0.013239uvb	mg/L	0.000419	3.2	2.73149	-0.013239 mg/L	Y 371.029
Cr 206.158	-0.015249b	mg/L	0.005334	35.0	16.0108	-0.015249 mg/L	Y 371.029
Cr 267.716	-0.011986uvb	mg/L	0.000404	3.4	14.4223	-0.011986 mg/L	Y 371.029
Cu 213.598	-0.048816b	mg/L	0.000885	1.8	53.6901	-0.048816 mg/L	Y 371.029
Cu 324.754	0.069598b	mg/L	0.000079	0.1	563.083	0.069598 mg/L	Y 371.029
Cu 327.395	-0.018991b	mg/L	0.000096	0.5	185.515	-0.018991 mg/L	Y 371.029
Fe 234.350	31.4249b	mg/L	0.311178	1.0	234167	31.4249 mg/L	Y 371.029
Fe 238.204	30.7825b	mg/L	0.355287	1.2	503504	30.7825 mg/L	Y 371.029
Fe 259.940	30.9766b	mg/L	0.316402	1.0	423883	30.9766 mg/L	Y 371.029
Ga 287.423	-0.132009b	mg/L	0.006014	4.6	278.101	-0.132009 mg/L	Y 371.029
Ga 294.363	-0.035204b	mg/L	0.001446	4.1	19.1590	-0.035204 mg/L	Y 371.029
Ga 417.204	-0.017684b	mg/L	0.001028	5.8	118.127	-0.017684 mg/L	Y 371.029
K 766.491	81.8967b	mg/L	0.169219	0.2	4500600	81.8967 mg/L	Y 371.029
K 769.897	88.5767b	mg/L	0.159419	0.2	4046093	88.5767 mg/L	Y 371.029
Li 610.365	0.002923b	mg/L	0.000121	4.1	61.2099	0.002923 mg/L	Y 371.029
Li 670.783	-0.027253b	mg/L	0.000068	0.2	65287.0	-0.027253 mg/L	Y 371.029
Mg 279.078	302.027b	mg/L	0.842838	0.3	396767	302.027 mg/L	Y 371.029
Mg 280.270	119.738b	mg/L	0.523689	0.4	10863455	119.738 mg/L	Y 371.029
Mg 285.213	217.679b	mg/L	2.21481	1.0	6534238	217.679 mg/L	Y 371.029
Mn 257.610	2.67104b	mg/L	0.024849	0.9	360035	2.67104 mg/L	Y 371.029
Mn 259.372	2.61443b	mg/L	0.021762	0.8	268342	2.61443 mg/L	Y 371.029
Mn 260.568	2.63261b	mg/L	0.011451	0.4	48830.8	2.63261 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000510	0.0	7.92765	uncal mg/L	Y 371.029
Mo 203.846	-1.65136b	mg/L	0.000387	0.0	8.69837	-1.65136 mg/L	Y 371.029
Mo 204.598	-1.68719uvb	mg/L	0.000902	0.1	1.82725	-1.68719 mg/L	Y 371.029
Na 568.821	-xb	mg/L	7.84144	0.3	749313	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.232584	0.3	32994904	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	0.403343	0.3	33203002	- mg/L	Y 371.029
Ni 216.555	-0.011005b	mg/L	0.000426	3.9	48.6237	-0.011005 mg/L	Y 371.029
Ni 221.648	-0.025565b	mg/L	0.001079	4.2	20.5270	-0.025565 mg/L	Y 371.029
Ni 231.604	-0.007715b	mg/L	0.000522	6.8	58.6410	-0.007715 mg/L	Y 371.029
P 177.434	0.088814uvb	mg/L	0.012735	14.3	0.731564	0.088814 mg/L	Y 371.029
P 213.618	-0.224977uvb	mg/L	0.002455	1.1	0.593487	-0.224977 mg/L	Y 371.029
P 214.914	0.059568b	mg/L	0.003594	6.0	9.21026	0.059568 mg/L	Y 371.029
Pb 220.353	-0.022285uvb	mg/L	0.000783	3.5	2.39322	-0.022285 mg/L	Y 371.029
Pb 261.417	-0.593140uvb	mg/L	0.007546	1.3	4.74288	-0.593140 mg/L	Y 371.029
Pb 405.781	-0.088608b	mg/L	0.004709	5.3	444.504	-0.088608 mg/L	Y 371.029
Sb 206.834	-0.265554uvb	mg/L	0.003962	1.5	3.79566	-0.265554 mg/L	Y 371.029
Sb 231.146	0.174952uvb	mg/L	0.001038	0.6	2.92642	0.174952 mg/L	Y 371.029
Sb 259.804	0.104833uvb	mg/L	0.044479	42.4	21.2718	0.104833 mg/L	Y 371.029
Se 196.026	0.061341uvb	mg/L	0.010395	16.9	5.74111	0.061341 mg/L	Y 371.029
Se 203.985	0.202828b	mg/L	0.004832	2.4	3.14838	0.202828 mg/L	Y 371.029
Si 250.690	6.13840b	mg/L	0.014567	0.2	7531.81	6.13840 mg/L	Y 371.029
Si 251.611	5.75308b	mg/L	0.008994	0.2	8644.48	5.75308 mg/L	Y 371.029
Si 288.158	6.30084b	mg/L	0.103630	1.6	42683.3	6.30084 mg/L	Y 371.029
Sn 189.927	-0.039018uvb	mg/L	0.005182	13.3	2.24222	-0.039018 mg/L	Y 371.029
Sn 283.998	-0.169671b	mg/L	0.005467	3.2	17.6283	-0.169671 mg/L	Y 371.029
Sr 216.596	1.86546b	mg/L	0.005376	0.3	14563.5	1.86546 mg/L	Y 371.029
Sr 407.771	1.77667b	mg/L	0.009160	0.5	4498288	1.77667 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	1.81377b	mg/L	0.016093	0.9	2852469	1.81377 mg/L	Y 371.029
Ti 334.941	-0.002966uvb	mg/L	0.000066	2.2	42.5309	-0.002966 mg/L	Y 371.029
Ti 336.122	-0.004026uvb	mg/L	0.000116	2.9	11.0474	-0.004026 mg/L	Y 371.029
Ti 337.280	-0.011016uvb	mg/L	0.000200	1.8	15.1624	-0.011016 mg/L	Y 371.029
Tl 190.794	0.043399uvb	mg/L	0.004238	9.8	2.33834	0.043399 mg/L	Y 371.029
Tl 190.807	-0.052321uvb	mg/L	0.010972	21.0	1.79378	-0.052321 mg/L	Y 371.029
Tl 351.923	0.114528b	mg/L	0.005320	4.6	21.0047	0.114528 mg/L	Y 371.029
V 268.796	-0.222327b	mg/L	0.000524	0.2	34.1050	-0.222327 mg/L	Y 371.029
V 292.401	-0.009636b	mg/L	0.000302	3.1	39.0316	-0.009636 mg/L	Y 371.029
V 311.837	-0.005124b	mg/L	0.000028	0.6	10.2305	-0.005124 mg/L	Y 371.029
Zn 202.548	5.09520b	mg/L	0.087839	1.7	39385.1	5.09520 mg/L	Y 371.029
Zn 206.200	5.13357b	mg/L	0.063905	1.2	12904.6	5.13357 mg/L	Y 371.029
Zn 213.857	5.46086b	mg/L	0.129486	2.4	86386.4	5.46086 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.974695	7815.87	13.583	0.2
Y 371.029	0.812474	133983	332.778	0.2

1145200-MS2 (Samp) **11/4/2011, 4:38:47 PM** **Rack 4, Tube 2**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.503098b	mg/L	0.000363	0.1	26286.2	0.503098 mg/L	Y 371.029
Ag 338.289	0.568370b	mg/L	0.002480	0.4	1610.33	0.568370 mg/L	Y 371.029
Al 237.312	5.16948b	mg/L	0.021021	0.4	7285.72	5.16948 mg/L	Y 371.029
Al 257.509	4.83016b	mg/L	0.019587	0.4	3138.12	4.83016 mg/L	Y 371.029
Al 308.215	6.01490b	mg/L	0.008591	0.1	29993.2	6.01490 mg/L	Y 371.029
As 188.980	1.30091b	mg/L	0.008941	0.7	320.024	1.30091 mg/L	Y 371.029
As 193.696	1.23262b	mg/L	0.010134	0.8	364.704	1.23262 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.071456	2.5	1964.76	uncal mg/L	Y 371.029
B 182.577	1.88500b	mg/L	0.021236	1.1	812.279	1.88500 mg/L	Y 371.029
B 249.678	1.80143b	mg/L	0.026417	1.5	14468.9	1.80143 mg/L	Y 371.029
B 249.772	1.83333b	mg/L	0.026866	1.5	31978.8	1.83333 mg/L	Y 371.029
Ba 233.527	1.05791b	mg/L	0.001378	0.1	36056.7	1.05791 mg/L	Y 371.029
Ba 455.403	0.989552b	mg/L	0.001515	0.2	942729	0.989552 mg/L	Y 371.029
Ba 493.408	1.00541b	mg/L	0.002692	0.3	560345	1.00541 mg/L	Y 371.029
Be 234.861	1.10425b	mg/L	0.002588	0.2	110668	1.10425 mg/L	Y 371.029
Be 313.042	1.04089b	mg/L	0.002356	0.2	1611332	1.04089 mg/L	Y 371.029
Be 313.107	1.04349b	mg/L	0.002894	0.3	771893	1.04349 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.050971	0.1	45992064	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.026509	0.1	44395568	- mg/L	Y 371.029
Ca 430.253	192.455b	mg/L	0.379455	0.2	720535	192.455 mg/L	Y 371.029
Cd 214.439	1.02607b	mg/L	0.017219	1.7	16531.8	1.02607 mg/L	Y 371.029
Cd 226.502	1.03396b	mg/L	0.001291	0.1	30802.5	1.03396 mg/L	Y 371.029
Cd 228.802	1.08120b	mg/L	0.015572	1.4	14257.5	1.08120 mg/L	Y 371.029
Co 228.615	1.04453b	mg/L	0.002469	0.2	8503.24	1.04453 mg/L	Y 371.029
Co 230.786	1.04889b	mg/L	0.002599	0.2	5622.19	1.04889 mg/L	Y 371.029
Co 238.892	0.920347b	mg/L	0.007436	0.8	4646.14	0.920347 mg/L	Y 371.029
Cr 205.560	0.989832b	mg/L	0.002049	0.2	3670.04	0.989832 mg/L	Y 371.029
Cr 206.158	0.978049b	mg/L	0.013312	1.4	1529.33	0.978049 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.986523b	mg/L	0.001200	0.1	18977.8	0.986523 mg/L	Y 371.029
Cu 213.598	0.946020b	mg/L	0.002062	0.2	3173.01	0.946020 mg/L	Y 371.029
Cu 324.754	1.12165b	mg/L	0.002006	0.2	36118.7	1.12165 mg/L	Y 371.029
Cu 327.395	1.04533b	mg/L	0.002436	0.2	46108.5	1.04533 mg/L	Y 371.029
Fe 234.350	37.4614b	mg/L	0.075647	0.2	279017	37.4614 mg/L	Y 371.029
Fe 238.204	35.7159b	mg/L	0.507106	1.4	583824	35.7159 mg/L	Y 371.029
Fe 259.940	36.8625b	mg/L	0.292092	0.8	504111	36.8625 mg/L	Y 371.029
Ga 287.423	0.960841b	mg/L	0.001793	0.2	2771.56	0.960841 mg/L	Y 371.029
Ga 294.363	1.05027b	mg/L	0.000842	0.1	6374.68	1.05027 mg/L	Y 371.029
Ga 417.204	0.999446b	mg/L	0.000793	0.1	9413.58	0.999446 mg/L	Y 371.029
K 766.491	95.6930b	mg/L	0.057571	0.1	5257154	95.6930 mg/L	Y 371.029
K 769.897	105.078b	mg/L	0.029637	0.0	4794312	105.078 mg/L	Y 371.029
Li 610.365	0.925251b	mg/L	0.000523	0.1	37471.2	0.925251 mg/L	Y 371.029
Li 670.783	1.03113b	mg/L	0.002103	0.2	2751062	1.03113 mg/L	Y 371.029
Mg 279.078	320.788b	mg/L	0.066437	0.0	421413	320.788 mg/L	Y 371.029
Mg 280.270	121.100b	mg/L	0.209349	0.2	10987376	121.100 mg/L	Y 371.029
Mg 285.213	222.568b	mg/L	2.06375	0.9	6681030	222.568 mg/L	Y 371.029
Mn 257.610	3.75373b	mg/L	0.032981	0.9	508076	3.75373 mg/L	Y 371.029
Mn 259.372	3.70084b	mg/L	0.032328	0.9	378112	3.70084 mg/L	Y 371.029
Mn 260.568	3.70214b	mg/L	0.012281	0.3	68204.4	3.70214 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.027831	4.1	3017.36	uncal mg/L	Y 371.029
Mo 203.846	-0.719108b	mg/L	0.032121	4.5	1225.73	-0.719108 mg/L	Y 371.029
Mo 204.598	-0.769392b	mg/L	0.029638	3.9	1423.33	-0.769392 mg/L	Y 371.029
Na 568.821	-xb	mg/L	7.86091	0.3	775890	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.620545	0.8	32625930	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	1.84853	1.2	33027040	- mg/L	Y 371.029
Ni 216.555	0.987266b	mg/L	0.001799	0.2	4500.78	0.987266 mg/L	Y 371.029
Ni 221.648	0.954339b	mg/L	0.001301	0.1	1797.41	0.954339 mg/L	Y 371.029
Ni 231.604	0.984917b	mg/L	0.003341	0.3	3040.40	0.984917 mg/L	Y 371.029
P 177.434	1.49718b	mg/L	0.043467	2.9	57.8443	1.49718 mg/L	Y 371.029
P 213.618	0.906558b	mg/L	0.006035	0.7	592.005	0.906558 mg/L	Y 371.029
P 214.914	1.15396b	mg/L	0.012588	1.1	185.304	1.15396 mg/L	Y 371.029
Pb 220.353	0.961753b	mg/L	0.003255	0.3	963.786	0.961753 mg/L	Y 371.029
Pb 261.417	-0.092356b	mg/L	0.022047	23.9	260.488	-0.092356 mg/L	Y 371.029
Pb 405.781	0.956411b	mg/L	0.010309	1.1	1836.61	0.956411 mg/L	Y 371.029
Sb 206.834	0.856059b	mg/L	0.008085	0.9	651.333	0.856059 mg/L	Y 371.029
Sb 231.146	1.34777b	mg/L	0.016986	1.3	551.161	1.34777 mg/L	Y 371.029
Sb 259.804	0.447212b	mg/L	0.045311	10.1	156.879	0.447212 mg/L	Y 371.029
Se 196.026	1.17554b	mg/L	0.022455	1.9	255.566	1.17554 mg/L	Y 371.029
Se 203.985	1.36584b	mg/L	0.010034	0.7	170.304	1.36584 mg/L	Y 371.029
Si 250.690	7.27159b	mg/L	0.015275	0.2	8881.36	7.27159 mg/L	Y 371.029
Si 251.611	6.85259b	mg/L	0.013096	0.2	10210.3	6.85259 mg/L	Y 371.029
Si 288.158	7.54863b	mg/L	0.020201	0.3	50791.3	7.54863 mg/L	Y 371.029
Sn 189.927	0.960819b	mg/L	0.008796	0.9	209.485	0.960819 mg/L	Y 371.029
Sn 283.998	0.917183b	mg/L	0.008348	0.9	2300.88	0.917183 mg/L	Y 371.029
Sr 216.596	2.96066b	mg/L	0.018513	0.6	23081.3	2.96066 mg/L	Y 371.029
Sr 407.771	2.64791b	mg/L	0.018037	0.7	6695665	2.64791 mg/L	Y 371.029
Sr 421.552	2.88937b	mg/L	0.014339	0.5	4537141	2.88937 mg/L	Y 371.029
Ti 334.941	1.01840b	mg/L	0.003801	0.4	194603	1.01840 mg/L	Y 371.029
Ti 336.122	1.00826b	mg/L	0.004982	0.5	82381.6	1.00826 mg/L	Y 371.029
Ti 337.280	1.00391b	mg/L	0.001347	0.1	29712.4	1.00391 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.993115b	mg/L	0.016414	1.7	273.111	0.993115 mg/L	Y 371.029
Tl 190.807	0.856343b	mg/L	0.009834	1.1	146.961	0.856343 mg/L	Y 371.029
Tl 351.923	1.22371b	mg/L	0.014069	1.1	1311.07	1.22371 mg/L	Y 371.029
V 268.796	0.723421b	mg/L	0.003462	0.5	8468.34	0.723421 mg/L	Y 371.029
V 292.401	0.989805b	mg/L	0.001924	0.2	31825.0	0.989805 mg/L	Y 371.029
V 311.837	1.00472b	mg/L	0.001583	0.2	44250.0	1.00472 mg/L	Y 371.029
Zn 202.548	6.19387b	mg/L	0.034886	0.6	47429.6	6.19387 mg/L	Y 371.029
Zn 206.200	6.24586b	mg/L	0.060647	1.0	15531.5	6.24586 mg/L	Y 371.029
Zn 213.857	6.60584b	mg/L	0.090247	1.4	103572	6.60584 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.974813	7816.81	7.647	0.1
Y 371.029	0.815255	134441	202.766	0.2

SEQ-CCVC (Samp) **11/4/2011, 4:43:04 PM** **Rack 4, Tube 3**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.100726	mg/L	0.001930	1.9	4905.07	0.100726 mg/L	Y 371.029
Ag 338.289	0.099641	mg/L	0.002856	2.9	278.614	0.099641 mg/L	Y 371.029
Al 237.312	2.62492	mg/L	0.045182	1.7	3574.98	2.62492 mg/L	Y 371.029
Al 257.509	2.62009	mg/L	0.091087	3.5	1535.10	2.62009 mg/L	Y 371.029
Al 308.215	2.63396	mg/L	0.061832	2.3	14623.4	2.63396 mg/L	Y 371.029
As 188.980	0.537234	mg/L	0.011458	2.1	156.029	0.537234 mg/L	Y 371.029
As 193.696	0.535359	mg/L	0.009021	1.7	177.622	0.535359 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.012023	1.4	578.984	uncal mg/L	Y 371.029
B 182.577	0.549464	mg/L	0.012058	2.2	240.554	0.549464 mg/L	Y 371.029
B 249.678	0.549910	mg/L	0.005125	0.9	4343.63	0.549910 mg/L	Y 371.029
B 249.772	0.539279	mg/L	0.001757	0.3	9278.74	0.539279 mg/L	Y 371.029
Ba 233.527	0.532024	mg/L	0.014668	2.8	18022.1	0.532024 mg/L	Y 371.029
Ba 455.403	0.502528	mg/L	0.012401	2.5	479469	0.502528 mg/L	Y 371.029
Ba 493.408	0.517593	mg/L	0.011986	2.3	287793	0.517593 mg/L	Y 371.029
Be 234.861	0.529174	mg/L	0.006482	1.2	53086.7	0.529174 mg/L	Y 371.029
Be 313.042	0.527660	mg/L	0.011055	2.1	817981	0.527660 mg/L	Y 371.029
Be 313.107	0.528955	mg/L	0.011254	2.1	391207	0.528955 mg/L	Y 371.029
Ca 393.366	4.96314n	mg/L	0.114506	2.3	6424575	4.96314 mg/L	Y 371.029
Ca 396.847	4.67545	mg/L	0.111001	2.4	9326679	4.67545 mg/L	Y 371.029
Ca 430.253	5.03152	mg/L	0.115007	2.3	19452.4	5.03152 mg/L	Y 371.029
Cd 214.439	0.271018	mg/L	0.004219	1.6	4368.43	0.271018 mg/L	Y 371.029
Cd 226.502	0.269734	mg/L	0.005952	2.2	8013.64	0.269734 mg/L	Y 371.029
Cd 228.802	0.263257	mg/L	0.004140	1.6	3486.97	0.263257 mg/L	Y 371.029
Co 228.615	0.533886	mg/L	0.008771	1.6	4376.10	0.533886 mg/L	Y 371.029
Co 230.786	0.542443	mg/L	0.018776	3.5	2915.24	0.542443 mg/L	Y 371.029
Co 238.892	0.542974	mg/L	0.020017	3.7	2773.25	0.542974 mg/L	Y 371.029
Cr 205.560	0.533407	mg/L	0.018115	3.4	1949.79	0.533407 mg/L	Y 371.029
Cr 206.158	0.533692	mg/L	0.010941	2.0	813.670	0.533692 mg/L	Y 371.029
Cr 267.716	0.527823	mg/L	0.010293	2.0	10029.0	0.527823 mg/L	Y 371.029
Cu 213.598	0.543781	mg/L	0.019372	3.6	1702.34	0.543781 mg/L	Y 371.029
Cu 324.754	0.517122	mg/L	0.012127	2.3	17947.6	0.517122 mg/L	Y 371.029
Cu 327.395	0.517550	mg/L	0.011265	2.2	22317.2	0.517550 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	0.561528	mg/L	0.010174	1.8	4380.63	0.561528 mg/L	Y 371.029
Fe 238.204	0.548881	mg/L	0.002974	0.5	9178.40	0.548881 mg/L	Y 371.029
Fe 259.940	0.537859	mg/L	0.010655	2.0	7544.69	0.537859 mg/L	Y 371.029
Ga 287.423	0.519585	mg/L	0.015288	2.9	1161.72	0.519585 mg/L	Y 371.029
Ga 294.363	0.525587	mg/L	0.014536	2.8	3082.89	0.525587 mg/L	Y 371.029
Ga 417.204	0.513264	mg/L	0.012375	2.4	4730.02	0.513264 mg/L	Y 371.029
K 766.491	5.47495	mg/L	0.094495	1.7	301959	5.47495 mg/L	Y 371.029
K 769.897	5.26337	mg/L	0.093677	1.8	246958	5.26337 mg/L	Y 371.029
Li 610.365	1.07675	mg/L	0.022082	2.1	43616.2	1.07675 mg/L	Y 371.029
Li 670.783	1.15603	mg/L	0.025611	2.2	2982316	1.15603 mg/L	Y 371.029
Mg 279.078	5.39619	mg/L	0.118889	2.2	7093.18	5.39619 mg/L	Y 371.029
Mg 280.270	5.52539	mg/L	0.122079	2.2	501697	5.52539 mg/L	Y 371.029
Mg 285.213	5.48657	mg/L	0.108252	2.0	164815	5.48657 mg/L	Y 371.029
Mn 257.610	0.530178	mg/L	0.002781	0.5	72490.2	0.530178 mg/L	Y 371.029
Mn 259.372	0.532977	mg/L	0.002104	0.4	53782.4	0.532977 mg/L	Y 371.029
Mn 260.568	0.518521	mg/L	0.011047	2.1	9376.21	0.518521 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.013866	1.2	3506.34	uncal mg/L	Y 371.029
Mo 203.846	1.14556	mg/L	0.014086	1.2	1415.52	1.14556 mg/L	Y 371.029
Mo 204.598	1.14044	mg/L	0.013129	1.2	1664.46	1.14044 mg/L	Y 371.029
Na 568.821	5.07681	mg/L	0.135186	2.7	1244.10	5.07681 mg/L	Y 371.029
Na 588.995	5.74598	mg/L	0.118587	2.1	2696792	5.74598 mg/L	Y 371.029
Na 589.592	5.38221	mg/L	0.119824	2.2	1360347	5.38221 mg/L	Y 371.029
Ni 216.555	1.08817	mg/L	0.024600	2.3	4834.88	1.08817 mg/L	Y 371.029
Ni 221.648	1.06611	mg/L	0.026536	2.5	1927.85	1.06611 mg/L	Y 371.029
Ni 231.604	1.08757	mg/L	0.042176	3.9	3260.69	1.08757 mg/L	Y 371.029
P 177.434	0.634016	mg/L	0.011203	1.8	26.2394	0.634016 mg/L	Y 371.029
P 213.618	0.545847	mg/L	0.024917	4.6	284.461	0.545847 mg/L	Y 371.029
P 214.914	0.537853	mg/L	0.017528	3.3	87.2767	0.537853 mg/L	Y 371.029
Pb 220.353	1.06830	mg/L	0.019474	1.8	1047.53	1.06830 mg/L	Y 371.029
Pb 261.417	1.01643	mg/L	0.024276	2.4	509.476	1.01643 mg/L	Y 371.029
Pb 405.781	0.996748	mg/L	0.023678	2.4	1395.03	0.996748 mg/L	Y 371.029
Sb 206.834	1.08432	mg/L	0.028584	2.6	625.215	1.08432 mg/L	Y 371.029
Sb 231.146	1.08243	mg/L	0.032509	3.0	511.714	1.08243 mg/L	Y 371.029
Sb 259.804	1.09781	mg/L	0.008421	0.8	427.156	1.09781 mg/L	Y 371.029
Se 196.026	1.09550	mg/L	0.011214	1.0	250.049	1.09550 mg/L	Y 371.029
Se 203.985	1.08938	mg/L	0.005105	0.5	153.955	1.08938 mg/L	Y 371.029
Si 250.690	1.08600	mg/L	0.042818	3.9	1416.85	1.08600 mg/L	Y 371.029
Si 251.611	1.06574	mg/L	0.041955	3.9	1645.33	1.06574 mg/L	Y 371.029
Si 288.158	1.10076	mg/L	0.024168	2.2	8543.13	1.10076 mg/L	Y 371.029
Sn 189.927	1.09760	mg/L	0.030932	2.8	228.833	1.09760 mg/L	Y 371.029
Sn 283.998	1.07071	mg/L	0.033152	3.1	1858.80	1.07071 mg/L	Y 371.029
Sr 216.596	0.534306	mg/L	0.011545	2.2	4167.97	0.534306 mg/L	Y 371.029
Sr 407.771	0.504612	mg/L	0.010924	2.2	1278153	0.504612 mg/L	Y 371.029
Sr 421.552	0.512833	mg/L	0.014055	2.7	806529	0.512833 mg/L	Y 371.029
Ti 334.941	0.525026	mg/L	0.004883	0.9	100117	0.525026 mg/L	Y 371.029
Ti 336.122	0.537631	mg/L	0.011104	2.1	43750.6	0.537631 mg/L	Y 371.029
Ti 337.280	0.531544	mg/L	0.016872	3.2	15557.0	0.531544 mg/L	Y 371.029
Tl 190.794	0.541890	mg/L	0.016034	3.0	156.508	0.541890 mg/L	Y 371.029
Tl 190.807	0.526366	mg/L	0.014749	2.8	85.3249	0.526366 mg/L	Y 371.029
Tl 351.923	0.534998	mg/L	0.011786	2.2	630.326	0.534998 mg/L	Y 371.029
V 268.796	0.532058	mg/L	0.014658	2.8	5227.60	0.532058 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.514811	mg/L	0.009529	1.9	16378.0	0.514811 mg/L	Y 371.029
V 311.837	0.527508	mg/L	0.012660	2.4	23095.1	0.527508 mg/L	Y 371.029
Zn 202.548	0.552472	mg/L	0.012712	2.3	4528.22	0.552472 mg/L	Y 371.029
Zn 206.200	0.548783	mg/L	0.014433	2.6	1454.38	0.548783 mg/L	Y 371.029
Zn 213.857	0.529226	mg/L	0.003144	0.6	8959.47	0.529226 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.10010	8821.48	119.230	1.4
Y 371.029	0.915787	151020	1910.040	1.3

SEQ-CCBC (Samp) **11/4/2011, 4:47:02 PM** **Rack 4, Tube 4**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000803	mg/L	0.000175	21.8	359.827	0.000803 mg/L	Y 371.029
Ag 338.289	0.000218uv	mg/L	0.001790	821.0	3.37147	0.000218 mg/L	Y 371.029
Al 237.312	-0.006946uv	mg/L	0.003632	52.3	55.3937	-0.006946 mg/L	Y 371.029
Al 257.509	0.013090	mg/L	0.001522	11.6	22.3060	0.013090 mg/L	Y 371.029
Al 308.215	0.001182	mg/L	0.000698	59.1	636.033	0.001182 mg/L	Y 371.029
As 188.980	0.008706	mg/L	0.003698	42.5	6.59545	0.008706 mg/L	Y 371.029
As 193.696	0.003832	mg/L	0.001491	38.9	4.02958	0.003832 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004204	97.9	8.14258	uncal mg/L	Y 371.029
B 182.577	0.024700	mg/L	0.005391	21.8	16.4748	0.024700 mg/L	Y 371.029
B 249.678	0.025687	mg/L	0.005301	20.6	267.152	0.025687 mg/L	Y 371.029
B 249.772	0.026346	mg/L	0.005821	22.1	582.404	0.026346 mg/L	Y 371.029
Ba 233.527	0.000155	mg/L	0.000035	22.6	170.601	0.000155 mg/L	Y 371.029
Ba 455.403	-0.000273uv	mg/L	0.000009	3.1	4311.66	-0.000273 mg/L	Y 371.029
Ba 493.408	-0.000259uv	mg/L	0.000024	9.2	2626.92	-0.000259 mg/L	Y 371.029
Be 234.861	0.000005uv	mg/L	0.000013	233.2	-1.53529	0.000005 mg/L	Y 371.029
Be 313.042	-0.000306uv	mg/L	0.000011	3.8	1460.98	-0.000306 mg/L	Y 371.029
Be 313.107	0.000016	mg/L	0.000007	43.9	27.3600	0.000016 mg/L	Y 371.029
Ca 393.366	-0.016186nuv	mg/L	0.000097	0.6	17934.8	-0.016186 mg/L	Y 371.029
Ca 396.847	-0.012141uv	mg/L	0.000032	0.3	25143.9	-0.012141 mg/L	Y 371.029
Ca 430.253	-0.025879uv	mg/L	0.008193	31.7	699.287	-0.025879 mg/L	Y 371.029
Cd 214.439	0.000074uv	mg/L	0.000068	93.0	5.70243	0.000074 mg/L	Y 371.029
Cd 226.502	0.000184	mg/L	0.000007	3.6	20.2387	0.000184 mg/L	Y 371.029
Cd 228.802	0.000005uv	mg/L	0.000186	3979.6	14.5622	0.000005 mg/L	Y 371.029
Co 228.615	0.000488	mg/L	0.000217	44.4	5.01386	0.000488 mg/L	Y 371.029
Co 230.786	0.000592	mg/L	0.000284	47.9	8.10306	0.000592 mg/L	Y 371.029
Co 238.892	0.000621	mg/L	0.000326	52.5	6.35339	0.000621 mg/L	Y 371.029
Cr 205.560	0.000438	mg/L	0.000129	29.4	3.35271	0.000438 mg/L	Y 371.029
Cr 206.158	0.000244uv	mg/L	0.000644	263.9	2.25607	0.000244 mg/L	Y 371.029
Cr 267.716	0.000220	mg/L	0.000151	68.8	19.2471	0.000220 mg/L	Y 371.029
Cu 213.598	0.000922	mg/L	0.000377	40.9	3.06478	0.000922 mg/L	Y 371.029
Cu 324.754	-0.001576uv	mg/L	0.000086	5.4	394.322	-0.001576 mg/L	Y 371.029
Cu 327.395	0.000196uv	mg/L	0.000269	137.2	26.2373	0.000196 mg/L	Y 371.029
Fe 234.350	0.004839	mg/L	0.002198	45.4	64.5245	0.004839 mg/L	Y 371.029
Fe 238.204	0.005570	mg/L	0.001779	31.9	119.302	0.005570 mg/L	Y 371.029
Fe 259.940	0.005487	mg/L	0.001713	31.2	115.255	0.005487 mg/L	Y 371.029
Ga 287.423	0.000804uv	mg/L	0.001662	206.7	11.6339	0.000804 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	-0.000083uv	mg/L	0.000489	591.7	8.27484	-0.000083 mg/L	Y 371.029
Ga 417.204	0.002731	mg/L	0.000101	3.7	63.0028	0.002731 mg/L	Y 371.029
K 766.491	-0.000620uv	mg/L	0.000193	31.1	1788.56	-0.000620 mg/L	Y 371.029
K 769.897	0.001809uv	mg/L	0.002604	144.0	8597.49	0.001809 mg/L	Y 371.029
Li 610.365	0.001151	mg/L	0.000103	9.0	-10.6751	0.001151 mg/L	Y 371.029
Li 670.783	0.000490	mg/L	0.000038	7.8	54102.6	0.000490 mg/L	Y 371.029
Mg 279.078	0.005508	mg/L	0.003188	57.9	12.0832	0.005508 mg/L	Y 371.029
Mg 280.270	-0.001928uv	mg/L	0.000054	2.8	312.978	-0.001928 mg/L	Y 371.029
Mg 285.213	-0.001791uv	mg/L	0.000149	8.3	83.8268	-0.001791 mg/L	Y 371.029
Mn 257.610	-0.000043uv	mg/L	0.000042	97.2	3.89987	-0.000043 mg/L	Y 371.029
Mn 259.372	0.000051	mg/L	0.000105	204.2	44.1338	0.000051 mg/L	Y 371.029
Mn 260.568	0.000075	mg/L	0.000029	38.7	5.78929	0.000075 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.003086	11.5	96.5525	uncal mg/L	Y 371.029
Mo 203.846	0.025698	mg/L	0.003690	14.4	38.2671	0.025698 mg/L	Y 371.029
Mo 204.598	0.025780	mg/L	0.002591	10.1	41.4224	0.025780 mg/L	Y 371.029
Na 568.821	0.979430	mg/L	0.106992	10.9	130.645	0.979430 mg/L	Y 371.029
Na 588.995	-0.232311uv	mg/L	0.000022	0.0	145446	-0.232311 mg/L	Y 371.029
Na 589.592	-0.510394uv	mg/L	0.000545	0.1	57973.1	-0.510394 mg/L	Y 371.029
Ni 216.555	0.000026uv	mg/L	0.000505	1972.0	3.58839	0.000026 mg/L	Y 371.029
Ni 221.648	-0.000363uv	mg/L	0.000480	132.3	3.11746	-0.000363 mg/L	Y 371.029
Ni 231.604	-0.000391uv	mg/L	0.000543	138.7	7.03211	-0.000391 mg/L	Y 371.029
P 177.434	0.000254uv	mg/L	0.008526	3360.8	0.484142	0.000254 mg/L	Y 371.029
P 213.618	0.004091	mg/L	0.002366	57.8	2.00450	0.004091 mg/L	Y 371.029
P 214.914	0.011452	mg/L	0.007860	68.6	1.64946	0.011452 mg/L	Y 371.029
Pb 220.353	0.001269	mg/L	0.000441	34.7	5.83116	0.001269 mg/L	Y 371.029
Pb 261.417	0.009071	mg/L	0.002005	22.1	11.4057	0.009071 mg/L	Y 371.029
Pb 405.781	-0.007035uv	mg/L	0.003940	56.0	76.2592	-0.007035 mg/L	Y 371.029
Sb 206.834	-0.000639uv	mg/L	0.003044	476.5	5.86751	-0.000639 mg/L	Y 371.029
Sb 231.146	-0.001448uv	mg/L	0.006165	425.8	5.04855	-0.001448 mg/L	Y 371.029
Sb 259.804	-0.014603uv	mg/L	0.002229	15.3	6.15945	-0.014603 mg/L	Y 371.029
Se 196.026	0.016368	mg/L	0.006996	42.7	7.85570	0.016368 mg/L	Y 371.029
Se 203.985	0.023382	mg/L	0.011369	48.6	4.94833	0.023382 mg/L	Y 371.029
Si 250.690	0.002119uv	mg/L	0.002192	103.4	140.840	0.002119 mg/L	Y 371.029
Si 251.611	0.004807	mg/L	0.000414	8.6	159.982	0.004807 mg/L	Y 371.029
Si 288.158	-0.005923uv	mg/L	0.000833	14.1	1378.68	-0.005923 mg/L	Y 371.029
Sn 189.927	0.003644	mg/L	0.002560	70.2	2.49804	0.003644 mg/L	Y 371.029
Sn 283.998	0.003312	mg/L	0.002400	72.4	12.7366	0.003312 mg/L	Y 371.029
Sr 216.596	0.000175uv	mg/L	0.000506	289.4	17.8386	0.000175 mg/L	Y 371.029
Sr 407.771	-0.000146uv	mg/L	0.000008	5.5	5346.08	-0.000146 mg/L	Y 371.029
Sr 421.552	-0.000092uv	mg/L	0.000002	2.6	3266.19	-0.000092 mg/L	Y 371.029
Ti 334.941	0.001016	mg/L	0.000389	38.3	324.049	0.001016 mg/L	Y 371.029
Ti 336.122	0.001228	mg/L	0.000300	24.4	114.186	0.001228 mg/L	Y 371.029
Ti 337.280	0.000913	mg/L	0.000256	28.0	36.9016	0.000913 mg/L	Y 371.029
Tl 190.794	-0.004018uv	mg/L	0.001230	30.6	0.755753	-0.004018 mg/L	Y 371.029
Tl 190.807	0.002864uv	mg/L	0.002934	102.5	1.10436	0.002864 mg/L	Y 371.029
Tl 351.923	0.005592	mg/L	0.002456	43.9	12.4779	0.005592 mg/L	Y 371.029
V 268.796	0.002008	mg/L	0.000893	44.5	57.3389	0.002008 mg/L	Y 371.029
V 292.401	0.000159uv	mg/L	0.000292	183.4	26.5301	0.000159 mg/L	Y 371.029
V 311.837	0.000221	mg/L	0.000109	49.3	9.77434	0.000221 mg/L	Y 371.029
Zn 202.548	0.003454	mg/L	0.000257	7.4	541.398	0.003454 mg/L	Y 371.029
Zn 206.200	0.003316	mg/L	0.000144	4.3	177.523	0.003316 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.001220	mg/L	0.000334	27.3	1055.66	0.001220 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.11821	8966.72	63.194	0.7
Y 371.029	0.931689	153642	1041.006	0.7

1145200-MSD2 (Samp) **11/4/2011, 4:55:36 PM** **Rack 4, Tube 5**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.500859b	mg/L	0.005716	1.1	26199.3	0.500859 mg/L	Y 371.029
Ag 338.289	0.569061b	mg/L	0.004945	0.9	1612.32	0.569061 mg/L	Y 371.029
Al 237.312	5.12285b	mg/L	0.072922	1.4	7225.61	5.12285 mg/L	Y 371.029
Al 257.509	4.78899b	mg/L	0.034870	0.7	3115.76	4.78899 mg/L	Y 371.029
Al 308.215	5.96915b	mg/L	0.056257	0.9	29736.6	5.96915 mg/L	Y 371.029
As 188.980	1.29998b	mg/L	0.012104	0.9	319.502	1.29998 mg/L	Y 371.029
As 193.696	1.23247b	mg/L	0.012281	1.0	364.454	1.23247 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.040808	2.2	1517.64	uncal mg/L	Y 371.029
B 182.577	1.88556b	mg/L	0.051087	2.7	812.562	1.88556 mg/L	Y 371.029
B 249.678	1.78588b	mg/L	0.051175	2.9	14350.5	1.78588 mg/L	Y 371.029
B 249.772	1.82759b	mg/L	0.049762	2.7	31887.7	1.82759 mg/L	Y 371.029
Ba 233.527	1.05159b	mg/L	0.009707	0.9	35848.3	1.05159 mg/L	Y 371.029
Ba 455.403	0.980916b	mg/L	0.010010	1.0	934633	0.980916 mg/L	Y 371.029
Ba 493.408	0.993675b	mg/L	0.012375	1.2	553933	0.993675 mg/L	Y 371.029
Be 234.861	1.09929b	mg/L	0.010631	1.0	110169	1.09929 mg/L	Y 371.029
Be 313.042	1.03259b	mg/L	0.012831	1.2	1598503	1.03259 mg/L	Y 371.029
Be 313.107	1.03656b	mg/L	0.012507	1.2	766769	1.03656 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.242480	0.7	45227436	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.177621	0.8	43695488	- mg/L	Y 371.029
Ca 430.253	194.344b	mg/L	1.79710	0.9	727565	194.344 mg/L	Y 371.029
Cd 214.439	1.02606b	mg/L	0.011637	1.1	16531.6	1.02606 mg/L	Y 371.029
Cd 226.502	1.03225b	mg/L	0.010220	1.0	30753.0	1.03225 mg/L	Y 371.029
Cd 228.802	1.06937b	mg/L	0.016582	1.6	14101.5	1.06937 mg/L	Y 371.029
Co 228.615	1.04359b	mg/L	0.010758	1.0	8495.99	1.04359 mg/L	Y 371.029
Co 230.786	1.04238b	mg/L	0.007886	0.8	5587.89	1.04238 mg/L	Y 371.029
Co 238.892	0.922406b	mg/L	0.004758	0.5	4655.62	0.922406 mg/L	Y 371.029
Cr 205.560	0.980038b	mg/L	0.018398	1.9	3634.69	0.980038 mg/L	Y 371.029
Cr 206.158	0.976042b	mg/L	0.006557	0.7	1526.58	0.976042 mg/L	Y 371.029
Cr 267.716	0.981099b	mg/L	0.009217	0.9	18876.7	0.981099 mg/L	Y 371.029
Cu 213.598	0.938812b	mg/L	0.017607	1.9	3151.92	0.938812 mg/L	Y 371.029
Cu 324.754	1.11671b	mg/L	0.010782	1.0	35939.4	1.11671 mg/L	Y 371.029
Cu 327.395	1.03316b	mg/L	0.010377	1.0	45592.7	1.03316 mg/L	Y 371.029
Fe 234.350	37.8076b	mg/L	0.389051	1.0	281588	37.8076 mg/L	Y 371.029
Fe 238.204	36.1339b	mg/L	0.261440	0.7	590620	36.1339 mg/L	Y 371.029
Fe 259.940	37.1250b	mg/L	0.307013	0.8	507692	37.1250 mg/L	Y 371.029
Ga 287.423	0.948034b	mg/L	0.013526	1.4	2749.17	0.948034 mg/L	Y 371.029
Ga 294.363	1.04377b	mg/L	0.009625	0.9	6337.69	1.04377 mg/L	Y 371.029
Ga 417.204	0.993744b	mg/L	0.011650	1.2	9363.94	0.993744 mg/L	Y 371.029
K 766.491	96.7964b	mg/L	0.624610	0.6	5317680	96.7964 mg/L	Y 371.029
K 769.897	106.500b	mg/L	0.691813	0.6	4858840	106.500 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.915492b	mg/L	0.006176	0.7	37075.4	0.915492 mg/L	Y 371.029
Li 670.783	1.02265b	mg/L	0.009913	1.0	2730230	1.02265 mg/L	Y 371.029
Mg 279.078	324.986b	mg/L	3.26969	1.0	426929	324.986 mg/L	Y 371.029
Mg 280.270	120.631b	mg/L	0.780099	0.6	10944826	120.631 mg/L	Y 371.029
Mg 285.213	223.365b	mg/L	3.26466	1.5	6704951	223.365 mg/L	Y 371.029
Mn 257.610	3.77550b	mg/L	0.027437	0.7	510996	3.77550 mg/L	Y 371.029
Mn 259.372	3.72208b	mg/L	0.029084	0.8	380306	3.72208 mg/L	Y 371.029
Mn 260.568	3.71466b	mg/L	0.053292	1.4	68449.5	3.71466 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.037885	5.5	3035.74	uncal mg/L	Y 371.029
Mo 203.846	-0.732431b	mg/L	0.054858	7.5	1218.45	-0.732431 mg/L	Y 371.029
Mo 204.598	-0.775567b	mg/L	0.051465	6.6	1425.37	-0.775567 mg/L	Y 371.029
Na 568.821	-xb	mg/L	22.7360	0.8	779298	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.606518	0.8	31787040	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.15150	1.5	32393938	- mg/L	Y 371.029
Ni 216.555	0.982031b	mg/L	0.010418	1.1	4478.74	0.982031 mg/L	Y 371.029
Ni 221.648	0.951252b	mg/L	0.010708	1.1	1792.45	0.951252 mg/L	Y 371.029
Ni 231.604	0.980026b	mg/L	0.017549	1.8	3027.01	0.980026 mg/L	Y 371.029
P 177.434	1.49195b	mg/L	0.035811	2.4	57.6176	1.49195 mg/L	Y 371.029
P 213.618	0.902495b	mg/L	0.018111	2.0	590.493	0.902495 mg/L	Y 371.029
P 214.914	1.15960b	mg/L	0.016464	1.4	186.180	1.15960 mg/L	Y 371.029
Pb 220.353	0.965433b	mg/L	0.008667	0.9	967.529	0.965433 mg/L	Y 371.029
Pb 261.417	-0.097120b	mg/L	0.007575	7.8	259.300	-0.097120 mg/L	Y 371.029
Pb 405.781	0.935448b	mg/L	0.010216	1.1	1812.48	0.935448 mg/L	Y 371.029
Sb 206.834	0.857077b	mg/L	0.010824	1.3	652.686	0.857077 mg/L	Y 371.029
Sb 231.146	1.34963b	mg/L	0.016853	1.2	551.789	1.34963 mg/L	Y 371.029
Sb 259.804	0.572428b	mg/L	0.052064	9.1	204.270	0.572428 mg/L	Y 371.029
Se 196.026	1.18726b	mg/L	0.041361	3.5	258.146	1.18726 mg/L	Y 371.029
Se 203.985	1.39496b	mg/L	0.057335	4.1	174.002	1.39496 mg/L	Y 371.029
Si 250.690	7.33569b	mg/L	0.069692	1.0	8957.50	7.33569 mg/L	Y 371.029
Si 251.611	6.90526b	mg/L	0.061469	0.9	10287.2	6.90526 mg/L	Y 371.029
Si 288.158	7.63012b	mg/L	0.090931	1.2	51326.4	7.63012 mg/L	Y 371.029
Sn 189.927	0.969225b	mg/L	0.008080	0.8	211.266	0.969225 mg/L	Y 371.029
Sn 283.998	0.911571b	mg/L	0.016976	1.9	2293.52	0.911571 mg/L	Y 371.029
Sr 216.596	2.98657b	mg/L	0.033139	1.1	23283.2	2.98657 mg/L	Y 371.029
Sr 407.771	2.64877b	mg/L	0.018578	0.7	6697952	2.64877 mg/L	Y 371.029
Sr 421.552	2.86901b	mg/L	0.024205	0.8	4505348	2.86901 mg/L	Y 371.029
Ti 334.941	1.00385b	mg/L	0.008497	0.8	191842	1.00385 mg/L	Y 371.029
Ti 336.122	0.995282b	mg/L	0.008403	0.8	81329.9	0.995282 mg/L	Y 371.029
Ti 337.280	1.00074b	mg/L	0.012122	1.2	29622.4	1.00074 mg/L	Y 371.029
Tl 190.794	0.993308b	mg/L	0.019359	1.9	273.123	0.993308 mg/L	Y 371.029
Tl 190.807	0.848155b	mg/L	0.012013	1.4	145.669	0.848155 mg/L	Y 371.029
Tl 351.923	1.20901b	mg/L	0.019278	1.6	1293.43	1.20901 mg/L	Y 371.029
V 268.796	0.718354b	mg/L	0.015146	2.1	8431.45	0.718354 mg/L	Y 371.029
V 292.401	0.984384b	mg/L	0.009282	0.9	31655.7	0.984384 mg/L	Y 371.029
V 311.837	0.998733b	mg/L	0.009844	1.0	43989.8	0.998733 mg/L	Y 371.029
Zn 202.548	6.30506b	mg/L	0.073879	1.2	48239.4	6.30506 mg/L	Y 371.029
Zn 206.200	6.38495b	mg/L	0.110575	1.7	15860.0	6.38495 mg/L	Y 371.029
Zn 213.857	6.70308b	mg/L	0.070082	1.0	105032	6.70308 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.994233	7972.54	38.720	0.5
Y 371.029	0.828954	136700	952.968	0.7

11J1391-33 (Samp) **11/4/2011, 4:59:54 PM** **Rack 4, Tube 6**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001169	mg/L	0.000354	30.3	364.832	-0.001169 mg/L	Y 371.029
Ag 338.289	-0.000345uv	mg/L	0.000540	156.7	2.04568	-0.000345 mg/L	Y 371.029
Al 237.312	0.120998	mg/L	0.001455	1.2	231.191	0.120998 mg/L	Y 371.029
Al 257.509	0.133717	mg/L	0.000756	0.6	94.8737	0.133717 mg/L	Y 371.029
Al 308.215	0.148562	mg/L	0.001188	0.8	1338.57	0.148562 mg/L	Y 371.029
As 188.980	0.049608	mg/L	0.001897	3.8	17.5300	0.049608 mg/L	Y 371.029
As 193.696	0.035692	mg/L	0.001949	5.5	14.0699	0.035692 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003839	8.1	25.4883	uncal mg/L	Y 371.029
B 182.577	0.268147	mg/L	0.001350	0.5	121.345	0.268147 mg/L	Y 371.029
B 249.678	0.267441	mg/L	0.003096	1.2	2161.57	0.267441 mg/L	Y 371.029
B 249.772	0.265027	mg/L	0.004333	1.6	4656.83	0.265027 mg/L	Y 371.029
Ba 233.527	0.108624	mg/L	0.000616	0.6	3837.39	0.108624 mg/L	Y 371.029
Ba 455.403	0.102125	mg/L	0.000294	0.3	101682	0.102125 mg/L	Y 371.029
Ba 493.408	0.105777	mg/L	0.000351	0.3	61384.2	0.105777 mg/L	Y 371.029
Be 234.861	0.000065	mg/L	0.000011	16.4	2.38432	0.000065 mg/L	Y 371.029
Be 313.042	-0.000269uv	mg/L	0.000006	2.3	1523.79	-0.000269 mg/L	Y 371.029
Be 313.107	0.000020	mg/L	0.000007	33.7	39.9167	0.000020 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.065972	0.3	33486656	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.092121	0.5	37253172	- mg/L	Y 371.029
Ca 430.253	39.4853	mg/L	0.098444	0.2	146889	39.4853 mg/L	Y 371.029
Cd 214.439	0.000411	mg/L	0.000045	10.8	10.8274	0.000411 mg/L	Y 371.029
Cd 226.502	0.000328	mg/L	0.000074	22.6	30.1607	0.000328 mg/L	Y 371.029
Cd 228.802	0.000695	mg/L	0.000042	6.0	23.5069	0.000695 mg/L	Y 371.029
Co 228.615	0.001941	mg/L	0.000170	8.8	10.7540	0.001941 mg/L	Y 371.029
Co 230.786	0.001435	mg/L	0.000085	6.0	10.6900	0.001435 mg/L	Y 371.029
Co 238.892	0.000578	mg/L	0.000437	75.6	6.07197	0.000578 mg/L	Y 371.029
Cr 205.560	0.010521	mg/L	0.000317	3.0	42.3851	0.010521 mg/L	Y 371.029
Cr 206.158	0.010315	mg/L	0.000573	5.6	18.1074	0.010315 mg/L	Y 371.029
Cr 267.716	0.010795	mg/L	0.000145	1.3	236.189	0.010795 mg/L	Y 371.029
Cu 213.598	0.002618	mg/L	0.000404	15.4	12.1172	0.002618 mg/L	Y 371.029
Cu 324.754	0.004732	mg/L	0.000364	7.7	531.994	0.004732 mg/L	Y 371.029
Cu 327.395	0.003714	mg/L	0.000053	1.4	207.956	0.003714 mg/L	Y 371.029
Fe 234.350	0.760437	mg/L	0.002016	0.3	5713.67	0.760437 mg/L	Y 371.029
Fe 238.204	0.742855	mg/L	0.006544	0.9	12224.4	0.742855 mg/L	Y 371.029
Fe 259.940	0.742049	mg/L	0.005724	0.8	10215.6	0.742049 mg/L	Y 371.029
Ga 287.423	-0.003997	mg/L	0.000543	13.6	17.9344	-0.003997 mg/L	Y 371.029
Ga 294.363	0.001980	mg/L	0.001500	75.8	18.8177	0.001980 mg/L	Y 371.029
Ga 417.204	0.001885	mg/L	0.000522	27.7	49.3592	0.001885 mg/L	Y 371.029
K 766.491	12.1010	mg/L	0.029531	0.2	665253	12.1010 mg/L	Y 371.029
K 769.897	11.9046	mg/L	0.036414	0.3	548241	11.9046 mg/L	Y 371.029
Li 610.365	0.006829	mg/L	0.000333	4.9	219.660	0.006829 mg/L	Y 371.029
Li 670.783	0.019283	mg/L	0.000127	0.7	103812	0.019283 mg/L	Y 371.029
Mg 279.078	8.96428	mg/L	0.040274	0.4	11779.3	8.96428 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	8.70642	mg/L	0.007643	0.1	790296	8.70642 mg/L	Y 371.029
Mg 285.213	9.21248	mg/L	0.106818	1.2	276653	9.21248 mg/L	Y 371.029
Mn 257.610	2.54155	mg/L	0.031906	1.3	342988	2.54155 mg/L	Y 371.029
Mn 259.372	2.52329	mg/L	0.035913	1.4	251154	2.52329 mg/L	Y 371.029
Mn 260.568	2.50639	mg/L	0.017498	0.7	45106.4	2.50639 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.003160	17.0	123.680	uncal mg/L	Y 371.029
Mo 203.846	0.017672	mg/L	0.004271	24.2	50.0004	0.017672 mg/L	Y 371.029
Mo 204.598	0.016894	mg/L	0.003500	20.7	54.3668	0.016894 mg/L	Y 371.029
Na 568.821	28.0510	mg/L	0.214064	0.8	7421.34	28.0510 mg/L	Y 371.029
Na 588.995	29.4340	mg/L	0.043284	0.1	12796843	29.4340 mg/L	Y 371.029
Na 589.592	32.1231	mg/L	0.039110	0.1	7262755	32.1231 mg/L	Y 371.029
Ni 216.555	0.000699	mg/L	0.000231	33.0	13.0905	0.000699 mg/L	Y 371.029
Ni 221.648	0.000059uv	mg/L	0.000977	1667.6	5.50749	0.000059 mg/L	Y 371.029
Ni 231.604	0.000509	mg/L	0.000168	33.1	13.4338	0.000509 mg/L	Y 371.029
P 177.434	0.103909	mg/L	0.012020	11.6	4.59607	0.103909 mg/L	Y 371.029
P 213.618	0.090573	mg/L	0.002814	3.1	48.0840	0.090573 mg/L	Y 371.029
P 214.914	0.103449	mg/L	0.007003	6.8	16.2735	0.103449 mg/L	Y 371.029
Pb 220.353	0.006918	mg/L	0.002267	32.8	12.0365	0.006918 mg/L	Y 371.029
Pb 261.417	-0.009700uv	mg/L	0.003611	37.2	6.88664	-0.009700 mg/L	Y 371.029
Pb 405.781	-0.013561	mg/L	0.005743	42.4	99.3776	-0.013561 mg/L	Y 371.029
Sb 206.834	-0.005866uv	mg/L	0.000788	13.4	6.42629	-0.005866 mg/L	Y 371.029
Sb 231.146	-0.010885uv	mg/L	0.001267	11.6	6.03918	-0.010885 mg/L	Y 371.029
Sb 259.804	-0.030077uv	mg/L	0.006086	20.2	4.60634	-0.030077 mg/L	Y 371.029
Se 196.026	0.016351	mg/L	0.007408	45.3	8.96126	0.016351 mg/L	Y 371.029
Se 203.985	0.023030	mg/L	0.018598	80.8	4.84728	0.023030 mg/L	Y 371.029
Si 250.690	10.1754	mg/L	0.120690	1.2	12040.9	10.1754 mg/L	Y 371.029
Si 251.611	9.89211	mg/L	0.077288	0.8	13830.0	9.89211 mg/L	Y 371.029
Si 288.158	10.4705	mg/L	0.073774	0.7	69342.0	10.4705 mg/L	Y 371.029
Sn 189.927	0.004871	mg/L	0.002426	49.8	2.64286	0.004871 mg/L	Y 371.029
Sn 283.998	-0.001158	mg/L	0.003818	329.7	23.9778	-0.001158 mg/L	Y 371.029
Sr 216.596	0.140227	mg/L	0.001615	1.2	1115.33	0.140227 mg/L	Y 371.029
Sr 407.771	0.133869	mg/L	0.001056	0.8	345717	0.133869 mg/L	Y 371.029
Sr 421.552	0.136003	mg/L	0.000491	0.4	217921	0.136003 mg/L	Y 371.029
Ti 334.941	0.004285	mg/L	0.000509	11.9	987.688	0.004285 mg/L	Y 371.029
Ti 336.122	0.003845	mg/L	0.000462	12.0	337.750	0.003845 mg/L	Y 371.029
Ti 337.280	0.003822	mg/L	0.000648	16.9	137.107	0.003822 mg/L	Y 371.029
Tl 190.794	-0.003214uv	mg/L	0.000355	11.1	1.75683	-0.003214 mg/L	Y 371.029
Tl 190.807	0.011595	mg/L	0.008635	74.5	1.76452	0.011595 mg/L	Y 371.029
Tl 351.923	0.009465	mg/L	0.009497	100.3	17.4175	0.009465 mg/L	Y 371.029
V 268.796	0.113866	mg/L	0.000955	0.8	975.152	0.113866 mg/L	Y 371.029
V 292.401	0.124797	mg/L	0.000597	0.5	3987.53	0.124797 mg/L	Y 371.029
V 311.837	0.122231	mg/L	0.000324	0.3	5352.27	0.122231 mg/L	Y 371.029
Zn 202.548	0.025852	mg/L	0.001269	4.9	748.299	0.025852 mg/L	Y 371.029
Zn 206.200	0.026392	mg/L	0.001220	4.6	246.953	0.026392 mg/L	Y 371.029
Zn 213.857	0.025261	mg/L	0.000616	2.4	1508.63	0.025261 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14225	9159.42	29.248	0.3
Y 371.029	0.943237	155546	869.889	0.6

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11J1391-34 (Samp) **11/4/2011, 5:03:52 PM** **Rack 4, Tube 7**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000726	mg/L	0.000255	35.2	356.217	0.000726 mg/L	Y 371.029
Ag 338.289	-0.000257uv	mg/L	0.002188	851.3	2.03835	-0.000257 mg/L	Y 371.029
Al 237.312	-0.002894uv	mg/L	0.002832	97.9	60.7989	-0.002894 mg/L	Y 371.029
Al 257.509	0.021081	mg/L	0.004645	22.0	26.9613	0.021081 mg/L	Y 371.029
Al 308.215	0.001528	mg/L	0.001364	89.3	637.221	0.001528 mg/L	Y 371.029
As 188.980	0.002279	mg/L	0.001999	87.7	4.77301	0.002279 mg/L	Y 371.029
As 193.696	0.000949uv	mg/L	0.004932	519.6	3.08797	0.000949 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001817	313.1	6.41937	uncal mg/L	Y 371.029
B 182.577	0.016802	mg/L	0.001848	11.0	13.1081	0.016802 mg/L	Y 371.029
B 249.678	0.018128	mg/L	0.003360	18.5	208.495	0.018128 mg/L	Y 371.029
B 249.772	0.018806	mg/L	0.002906	15.5	454.775	0.018806 mg/L	Y 371.029
Ba 233.527	-0.000000uv	mg/L	0.000148	43509.3	165.409	-0.000000 mg/L	Y 371.029
Ba 455.403	-0.000303uv	mg/L	0.000004	1.4	4283.22	-0.000303 mg/L	Y 371.029
Ba 493.408	-0.000315uv	mg/L	0.000040	12.6	2596.25	-0.000315 mg/L	Y 371.029
Be 234.861	0.000030	mg/L	0.000006	18.3	0.938375	0.000030 mg/L	Y 371.029
Be 313.042	-0.000333uv	mg/L	0.000011	3.3	1419.20	-0.000333 mg/L	Y 371.029
Be 313.107	0.000024	mg/L	0.000005	21.1	33.6400	0.000024 mg/L	Y 371.029
Ca 393.366	-0.011009nuv	mg/L	0.000496	4.5	24591.9	-0.011009 mg/L	Y 371.029
Ca 396.847	-0.007447uv	mg/L	0.000433	5.8	34448.7	-0.007447 mg/L	Y 371.029
Ca 430.253	-0.020937uv	mg/L	0.003447	16.5	717.609	-0.020937 mg/L	Y 371.029
Cd 214.439	0.000031uv	mg/L	0.000072	237.0	5.01209	0.000031 mg/L	Y 371.029
Cd 226.502	0.000106	mg/L	0.000061	57.3	17.9236	0.000106 mg/L	Y 371.029
Cd 228.802	-0.000190uv	mg/L	0.000060	31.4	11.9888	-0.000190 mg/L	Y 371.029
Co 228.615	0.000667	mg/L	0.000432	64.8	6.49675	0.000667 mg/L	Y 371.029
Co 230.786	0.000102uv	mg/L	0.000475	464.0	5.45294	0.000102 mg/L	Y 371.029
Co 238.892	0.000110uv	mg/L	0.000205	185.9	3.74396	0.000110 mg/L	Y 371.029
Cr 205.560	0.000402	mg/L	0.000339	84.3	3.22310	0.000402 mg/L	Y 371.029
Cr 206.158	-0.000029uv	mg/L	0.000217	757.5	1.84806	-0.000029 mg/L	Y 371.029
Cr 267.716	0.000001uv	mg/L	0.000058	7738.8	15.1329	0.000001 mg/L	Y 371.029
Cu 213.598	0.001046	mg/L	0.000442	42.2	3.32552	0.001046 mg/L	Y 371.029
Cu 324.754	-0.001932uv	mg/L	0.000058	3.0	382.151	-0.001932 mg/L	Y 371.029
Cu 327.395	0.000209	mg/L	0.000162	77.4	26.8395	0.000209 mg/L	Y 371.029
Fe 234.350	0.005148	mg/L	0.002151	41.8	66.8820	0.005148 mg/L	Y 371.029
Fe 238.204	0.005874	mg/L	0.001057	18.0	124.334	0.005874 mg/L	Y 371.029
Fe 259.940	0.005692	mg/L	0.001050	18.5	118.146	0.005692 mg/L	Y 371.029
Ga 287.423	0.003087	mg/L	0.003682	119.3	16.5939	0.003087 mg/L	Y 371.029
Ga 294.363	0.000158uv	mg/L	0.000743	471.1	9.65619	0.000158 mg/L	Y 371.029
Ga 417.204	0.001336	mg/L	0.001105	82.7	50.6750	0.001336 mg/L	Y 371.029
K 766.491	0.000733	mg/L	0.000419	57.1	1862.52	0.000733 mg/L	Y 371.029
K 769.897	0.000989uv	mg/L	0.002598	262.8	8559.43	0.000989 mg/L	Y 371.029
Li 610.365	0.001096	mg/L	0.000159	14.5	-12.8792	0.001096 mg/L	Y 371.029
Li 670.783	0.000564	mg/L	0.000148	26.3	54289.1	0.000564 mg/L	Y 371.029
Mg 279.078	0.006232	mg/L	0.001784	28.6	13.0476	0.006232 mg/L	Y 371.029
Mg 280.270	-0.001366uv	mg/L	0.000120	8.8	364.051	-0.001366 mg/L	Y 371.029
Mg 285.213	-0.001169uv	mg/L	0.000143	12.2	102.518	-0.001169 mg/L	Y 371.029
Mn 257.610	0.000227	mg/L	0.000024	10.5	41.7243	0.000227 mg/L	Y 371.029
Mn 259.372	0.000284	mg/L	0.000008	2.9	59.2210	0.000284 mg/L	Y 371.029
Mn 260.568	0.000096	mg/L	0.000015	16.1	6.21903	0.000096 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	uncal	mg/L	0.001464	16.6	40.5737	uncal mg/L	Y 371.029
Mo 203.846	0.006100	mg/L	0.002820	46.2	14.2620	0.006100 mg/L	Y 371.029
Mo 204.598	0.007561	mg/L	0.001972	26.1	15.0037	0.007561 mg/L	Y 371.029
Na 568.821	0.978868	mg/L	0.053319	5.4	130.440	0.978868 mg/L	Y 371.029
Na 588.995	-0.228679uv	mg/L	0.001706	0.7	146991	-0.228679 mg/L	Y 371.029
Na 589.592	-0.507134uv	mg/L	0.001027	0.2	58692.7	-0.507134 mg/L	Y 371.029
Ni 216.555	0.000354uv	mg/L	0.000442	124.9	5.05543	0.000354 mg/L	Y 371.029
Ni 221.648	-0.000269uv	mg/L	0.000478	177.7	3.28631	-0.000269 mg/L	Y 371.029
Ni 231.604	-0.000862uv	mg/L	0.000646	74.9	5.62591	-0.000862 mg/L	Y 371.029
P 177.434	-0.000853uv	mg/L	0.008730	1023.9	0.439458	-0.000853 mg/L	Y 371.029
P 213.618	-0.000066uv	mg/L	0.001631	2471.4	-0.108199	-0.000066 mg/L	Y 371.029
P 214.914	0.008286	mg/L	0.004097	49.4	1.14022	0.008286 mg/L	Y 371.029
Pb 220.353	0.000969uv	mg/L	0.001145	118.2	5.53747	0.000969 mg/L	Y 371.029
Pb 261.417	0.018176	mg/L	0.006068	33.4	15.9117	0.018176 mg/L	Y 371.029
Pb 405.781	-0.000872uv	mg/L	0.008201	940.2	84.2614	-0.000872 mg/L	Y 371.029
Sb 206.834	-0.002570uv	mg/L	0.002659	103.5	4.76784	-0.002570 mg/L	Y 371.029
Sb 231.146	-0.002858uv	mg/L	0.005019	175.6	4.38028	-0.002858 mg/L	Y 371.029
Sb 259.804	-0.011784uv	mg/L	0.005470	46.4	7.23138	-0.011784 mg/L	Y 371.029
Se 196.026	0.003961	mg/L	0.001311	33.1	5.07420	0.003961 mg/L	Y 371.029
Se 203.985	0.007578	mg/L	0.005792	76.4	2.83997	0.007578 mg/L	Y 371.029
Si 250.690	0.106186	mg/L	0.005689	5.4	262.558	0.106186 mg/L	Y 371.029
Si 251.611	0.100373	mg/L	0.002062	2.1	291.303	0.100373 mg/L	Y 371.029
Si 288.158	0.092135	mg/L	0.004003	4.3	2012.78	0.092135 mg/L	Y 371.029
Sn 189.927	0.005864	mg/L	0.002637	45.0	2.95714	0.005864 mg/L	Y 371.029
Sn 283.998	0.002147	mg/L	0.001242	57.9	10.9756	0.002147 mg/L	Y 371.029
Sr 216.596	0.000196	mg/L	0.000116	58.8	18.0087	0.000196 mg/L	Y 371.029
Sr 407.771	-0.000142uv	mg/L	0.000005	3.2	5357.44	-0.000142 mg/L	Y 371.029
Sr 421.552	-0.000094uv	mg/L	0.000007	7.4	3263.54	-0.000094 mg/L	Y 371.029
Ti 334.941	0.000327	mg/L	0.000276	84.6	193.101	0.000327 mg/L	Y 371.029
Ti 336.122	0.000579	mg/L	0.000291	50.3	61.4707	0.000579 mg/L	Y 371.029
Ti 337.280	0.000205uv	mg/L	0.000441	214.8	16.2451	0.000205 mg/L	Y 371.029
Tl 190.794	0.000570uv	mg/L	0.001299	227.9	2.05991	0.000570 mg/L	Y 371.029
Tl 190.807	0.010410	mg/L	0.003299	31.7	2.27762	0.010410 mg/L	Y 371.029
Tl 351.923	0.003417uv	mg/L	0.004850	141.9	9.94615	0.003417 mg/L	Y 371.029
V 268.796	0.001789	mg/L	0.000372	20.8	39.1075	0.001789 mg/L	Y 371.029
V 292.401	-0.000115uv	mg/L	0.000152	132.3	17.8969	-0.000115 mg/L	Y 371.029
V 311.837	0.000206	mg/L	0.000151	73.4	9.16805	0.000206 mg/L	Y 371.029
Zn 202.548	0.006355	mg/L	0.000221	3.5	562.185	0.006355 mg/L	Y 371.029
Zn 206.200	0.004820	mg/L	0.000266	5.5	181.013	0.004820 mg/L	Y 371.029
Zn 213.857	0.003131	mg/L	0.001117	35.7	1083.79	0.003131 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.15223	9239.46	101.705	1.1
Y 371.029	0.954008	157323	1843.732	1.2

11J1391-35 (Samp)	**11/4/2011, 5:07:27 PM**	**Rack 4, Tube 8**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 1**

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000734	mg/L	0.000251	34.2	356.602	0.000734 mg/L	Y 371.029
Ag 338.289	-0.000049uv	mg/L	0.001046	2113.8	2.63440	-0.000049 mg/L	Y 371.029
Al 237.312	-0.001974uv	mg/L	0.004103	207.8	62.0256	-0.001974 mg/L	Y 371.029
Al 257.509	0.014678	mg/L	0.005925	40.4	23.2450	0.014678 mg/L	Y 371.029
Al 308.215	0.004601	mg/L	0.001723	37.5	653.379	0.004601 mg/L	Y 371.029
As 188.980	0.000952	mg/L	0.000945	99.3	4.39683	0.000952 mg/L	Y 371.029
As 193.696	-0.000037uv	mg/L	0.001747	4750.2	2.76579	-0.000037 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002471	1110.5	6.39226	uncal mg/L	Y 371.029
B 182.577	0.007280	mg/L	0.000622	8.5	9.04711	0.007280 mg/L	Y 371.029
B 249.678	0.009431	mg/L	0.001388	14.7	140.990	0.009431 mg/L	Y 371.029
B 249.772	0.009108	mg/L	0.000530	5.8	290.602	0.009108 mg/L	Y 371.029
Ba 233.527	0.000214	mg/L	0.000135	63.1	172.606	0.000214 mg/L	Y 371.029
Ba 455.403	-0.000265uv	mg/L	0.000018	6.8	4319.47	-0.000265 mg/L	Y 371.029
Ba 493.408	-0.000288uv	mg/L	0.000012	4.1	2611.45	-0.000288 mg/L	Y 371.029
Be 234.861	0.000011uv	mg/L	0.000023	205.1	-0.957418	0.000011 mg/L	Y 371.029
Be 313.042	-0.000315uv	mg/L	0.000007	2.1	1447.73	-0.000315 mg/L	Y 371.029
Be 313.107	0.000027	mg/L	0.000008	29.4	35.8489	0.000027 mg/L	Y 371.029
Ca 393.366	-0.009233nuv	mg/L	0.000013	0.1	26876.8	-0.009233 mg/L	Y 371.029
Ca 396.847	-0.005820uv	mg/L	0.000107	1.8	37676.0	-0.005820 mg/L	Y 371.029
Ca 430.253	-0.014271uv	mg/L	0.005120	35.9	742.292	-0.014271 mg/L	Y 371.029
Cd 214.439	0.000036uv	mg/L	0.000080	219.6	5.10416	0.000036 mg/L	Y 371.029
Cd 226.502	0.000097	mg/L	0.000042	43.2	17.6574	0.000097 mg/L	Y 371.029
Cd 228.802	-0.000022uv	mg/L	0.000284	1282.5	14.1991	-0.000022 mg/L	Y 371.029
Co 228.615	0.000593	mg/L	0.000105	17.7	5.89909	0.000593 mg/L	Y 371.029
Co 230.786	-0.000487uv	mg/L	0.000223	45.9	2.28482	-0.000487 mg/L	Y 371.029
Co 238.892	0.000045uv	mg/L	0.000224	495.4	3.40078	0.000045 mg/L	Y 371.029
Cr 205.560	0.000325	mg/L	0.000164	50.6	2.94296	0.000325 mg/L	Y 371.029
Cr 206.158	-0.000324uv	mg/L	0.000305	94.1	1.40128	-0.000324 mg/L	Y 371.029
Cr 267.716	0.000032	mg/L	0.000039	122.2	15.7427	0.000032 mg/L	Y 371.029
Cu 213.598	0.000455	mg/L	0.000252	55.5	1.46502	0.000455 mg/L	Y 371.029
Cu 324.754	-0.001699uv	mg/L	0.000056	3.3	390.046	-0.001699 mg/L	Y 371.029
Cu 327.395	0.000214	mg/L	0.000173	80.9	27.0906	0.000214 mg/L	Y 371.029
Fe 234.350	0.007213	mg/L	0.001000	13.9	82.1078	0.007213 mg/L	Y 371.029
Fe 238.204	0.007129	mg/L	0.000674	9.5	144.603	0.007129 mg/L	Y 371.029
Fe 259.940	0.007021	mg/L	0.000629	9.0	136.163	0.007021 mg/L	Y 371.029
Ga 287.423	0.004645	mg/L	0.005618	120.9	20.0041	0.004645 mg/L	Y 371.029
Ga 294.363	0.000937uv	mg/L	0.001047	111.8	14.1937	0.000937 mg/L	Y 371.029
Ga 417.204	0.001750	mg/L	0.000512	29.2	54.3206	0.001750 mg/L	Y 371.029
K 766.491	0.003607	mg/L	0.000203	5.6	2019.99	0.003607 mg/L	Y 371.029
K 769.897	0.004559	mg/L	0.001093	24.0	8721.03	0.004559 mg/L	Y 371.029
Li 610.365	0.001076	mg/L	0.000081	7.5	-13.6916	0.001076 mg/L	Y 371.029
Li 670.783	0.000512	mg/L	0.000055	10.8	54157.7	0.000512 mg/L	Y 371.029
Mg 279.078	0.006222	mg/L	0.000440	7.1	13.0366	0.006222 mg/L	Y 371.029
Mg 280.270	-0.000630uv	mg/L	0.000024	3.8	430.787	-0.000630 mg/L	Y 371.029
Mg 285.213	-0.000518uv	mg/L	0.000054	10.4	122.060	-0.000518 mg/L	Y 371.029
Mn 257.610	0.000147	mg/L	0.000067	45.6	31.2866	0.000147 mg/L	Y 371.029
Mn 259.372	0.000193	mg/L	0.000053	27.5	49.0644	0.000193 mg/L	Y 371.029
Mn 260.568	0.000030	mg/L	0.000031	103.0	5.05582	0.000030 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001397	32.6	26.5350	uncal mg/L	Y 371.029
Mo 203.846	0.002603	mg/L	0.001607	61.7	9.98536	0.002603 mg/L	Y 371.029
Mo 204.598	0.004781	mg/L	0.000469	9.8	10.9790	0.004781 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	0.986873	mg/L	0.045092	4.6	132.572	0.986873 mg/L	Y 371.029
Na 588.995	-0.223930uv	mg/L	0.000725	0.3	149005	-0.223930 mg/L	Y 371.029
Na 589.592	-0.503183uv	mg/L	0.000581	0.1	59564.8	-0.503183 mg/L	Y 371.029
Ni 216.555	0.000304uv	mg/L	0.000368	121.1	4.84076	0.000304 mg/L	Y 371.029
Ni 221.648	-0.000203uv	mg/L	0.001156	569.8	3.40833	-0.000203 mg/L	Y 371.029
Ni 231.604	-0.001250uv	mg/L	0.000677	54.1	4.47045	-0.001250 mg/L	Y 371.029
P 177.434	-0.007231uv	mg/L	0.012876	178.1	0.180793	-0.007231 mg/L	Y 371.029
P 213.618	0.001150	mg/L	0.001351	117.5	0.499557	0.001150 mg/L	Y 371.029
P 214.914	0.010246	mg/L	0.008111	79.2	1.43604	0.010246 mg/L	Y 371.029
Pb 220.353	-0.002127uv	mg/L	0.001331	62.6	2.51559	-0.002127 mg/L	Y 371.029
Pb 261.417	0.008264	mg/L	0.004202	50.9	11.0041	0.008264 mg/L	Y 371.029
Pb 405.781	-0.005063uv	mg/L	0.005437	107.4	78.7912	-0.005063 mg/L	Y 371.029
Sb 206.834	-0.003558uv	mg/L	0.002766	77.7	4.20598	-0.003558 mg/L	Y 371.029
Sb 231.146	-0.000816uv	mg/L	0.003008	368.7	5.32543	-0.000816 mg/L	Y 371.029
Sb 259.804	-0.005308uv	mg/L	0.002622	49.4	9.67744	-0.005308 mg/L	Y 371.029
Se 196.026	0.002369uv	mg/L	0.003365	142.0	4.71721	0.002369 mg/L	Y 371.029
Se 203.985	0.014162	mg/L	0.005136	36.3	3.71548	0.014162 mg/L	Y 371.029
Si 250.690	0.103631	mg/L	0.006222	6.0	259.570	0.103631 mg/L	Y 371.029
Si 251.611	0.100565	mg/L	0.001205	1.2	291.531	0.100565 mg/L	Y 371.029
Si 288.158	0.094896	mg/L	0.001568	1.7	2030.66	0.094896 mg/L	Y 371.029
Sn 189.927	0.003860	mg/L	0.002776	71.9	2.54266	0.003860 mg/L	Y 371.029
Sn 283.998	0.002325	mg/L	0.001835	78.9	10.9464	0.002325 mg/L	Y 371.029
Sr 216.596	0.000270uv	mg/L	0.000433	160.4	18.5824	0.000270 mg/L	Y 371.029
Sr 407.771	-0.000131uv	mg/L	0.000001	0.7	5384.79	-0.000131 mg/L	Y 371.029
Sr 421.552	-0.000080uv	mg/L	0.000002	2.8	3284.49	-0.000080 mg/L	Y 371.029
Ti 334.941	0.000163	mg/L	0.000134	82.0	162.066	0.000163 mg/L	Y 371.029
Ti 336.122	0.000379	mg/L	0.000167	43.9	45.2796	0.000379 mg/L	Y 371.029
Ti 337.280	0.000337	mg/L	0.000246	72.8	20.0987	0.000337 mg/L	Y 371.029
Tl 190.794	0.000358uv	mg/L	0.002898	809.4	1.99965	0.000358 mg/L	Y 371.029
Tl 190.807	0.000142uv	mg/L	0.001505	1056.8	0.641244	0.000142 mg/L	Y 371.029
Tl 351.923	0.001576	mg/L	0.001343	85.2	7.80247	0.001576 mg/L	Y 371.029
V 268.796	0.000663	mg/L	0.000516	77.8	27.2180	0.000663 mg/L	Y 371.029
V 292.401	-0.000134uv	mg/L	0.000101	75.7	17.3158	-0.000134 mg/L	Y 371.029
V 311.837	0.000275	mg/L	0.000086	31.3	12.1867	0.000275 mg/L	Y 371.029
Zn 202.548	0.006364	mg/L	0.000211	3.3	562.220	0.006364 mg/L	Y 371.029
Zn 206.200	0.005119	mg/L	0.000271	5.3	181.710	0.005119 mg/L	Y 371.029
Zn 213.857	0.004042	mg/L	0.000138	3.4	1097.21	0.004042 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14193	9156.92	34.204	0.4
Y 371.029	0.945553	155928	589.323	0.4

1145174-BS1 (Samp) **11/4/2011, 5:11:01 PM** **Rack 4, Tube 9**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.082293	mg/L	0.000130	0.2	4083.64	0.822931 mg/L	Y 371.029
Ag 338.289	0.079375	mg/L	0.000618	0.8	225.865	0.793753 mg/L	Y 371.029
Al 237.312	20.4580	mg/L	0.049826	0.2	27387.8	204.580 mg/L	Y 371.029
Al 257.509	20.6816	mg/L	0.029174	0.1	12024.9	206.816 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	20.4773	mg/L	0.030327	0.1	108998	204.773 mg/L	Y 371.029
As 188.980	0.229393	mg/L	0.002800	1.2	69.2457	2.29393 mg/L	Y 371.029
As 193.696	0.208532	mg/L	0.003158	1.5	71.3822	2.08532 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.011509	3.7	255.636	uncal mg/L	Y 371.029
B 182.577	0.190084	mg/L	0.004087	2.1	87.8284	1.90084 mg/L	Y 371.029
B 249.678	0.189127	mg/L	0.003752	2.0	1557.62	1.89127 mg/L	Y 371.029
B 249.772	0.194130	mg/L	0.004648	2.4	3798.29	1.94130 mg/L	Y 371.029
Ba 233.527	0.428140	mg/L	0.000836	0.2	14555.7	4.28140 mg/L	Y 371.029
Ba 455.403	0.410794	mg/L	0.000706	0.2	393148	4.10793 mg/L	Y 371.029
Ba 493.408	0.415483	mg/L	0.000709	0.2	231864	4.15483 mg/L	Y 371.029
Be 234.861	0.172191	mg/L	0.000357	0.2	17157.6	1.72191 mg/L	Y 371.029
Be 313.042	0.181444	mg/L	0.000824	0.5	282544	1.81444 mg/L	Y 371.029
Be 313.107	0.181222	mg/L	0.000821	0.5	134039	1.81222 mg/L	Y 371.029
Ca 393.366	11.6991n	mg/L	0.018390	0.2	15087496	116.991 mg/L	Y 371.029
Ca 396.847	11.6568	mg/L	0.013095	0.1	23174430	116.568 mg/L	Y 371.029
Ca 430.253	12.9289	mg/L	0.016335	0.1	48731.7	129.289 mg/L	Y 371.029
Cd 214.439	0.165895	mg/L	0.001161	0.7	2678.45	1.65895 mg/L	Y 371.029
Cd 226.502	0.167142	mg/L	0.000327	0.2	5019.04	1.67142 mg/L	Y 371.029
Cd 228.802	0.159724	mg/L	0.001196	0.7	2119.30	1.59724 mg/L	Y 371.029
Co 228.615	0.255873	mg/L	0.001043	0.4	2190.86	2.55873 mg/L	Y 371.029
Co 230.786	0.259108	mg/L	0.001543	0.6	1460.44	2.59108 mg/L	Y 371.029
Co 238.892	0.224185	mg/L	0.001349	0.6	1005.07	2.24185 mg/L	Y 371.029
Cr 205.560	0.232946	mg/L	0.001115	0.5	891.289	2.32946 mg/L	Y 371.029
Cr 206.158	0.229452	mg/L	0.001260	0.5	367.803	2.29452 mg/L	Y 371.029
Cr 267.716	0.235007	mg/L	0.000558	0.2	4674.51	2.35007 mg/L	Y 371.029
Cu 213.598	0.231302	mg/L	0.002814	1.2	764.116	2.31302 mg/L	Y 371.029
Cu 324.754	0.221031	mg/L	0.000048	0.0	8045.80	2.21031 mg/L	Y 371.029
Cu 327.395	0.221605	mg/L	0.000203	0.1	9845.19	2.21605 mg/L	Y 371.029
Fe 234.350	29.2268	mg/L	0.049780	0.2	215773	292.268 mg/L	Y 371.029
Fe 238.204	28.7095	mg/L	0.078505	0.3	464115	287.095 mg/L	Y 371.029
Fe 259.940	28.8327	mg/L	0.065187	0.2	391315	288.327 mg/L	Y 371.029
Ga 287.423	-0.095875	mg/L	0.001468	1.5	242.292	-0.958753 mg/L	Y 371.029
Ga 294.363	0.001877	mg/L	0.000455	24.3	47.2009	0.018768 mg/L	Y 371.029
Ga 417.204	-0.009634	mg/L	0.002052	21.3	336.108	-0.096339 mg/L	Y 371.029
K 766.491	6.86702	mg/L	0.004557	0.1	378309	68.6702 mg/L	Y 371.029
K 769.897	6.63098	mg/L	0.005634	0.1	308979	66.3098 mg/L	Y 371.029
Li 610.365	0.007003	mg/L	0.000334	4.8	226.696	0.070030 mg/L	Y 371.029
Li 670.783	0.020319	mg/L	0.000140	0.7	106197	0.203189 mg/L	Y 371.029
Mg 279.078	5.98783	mg/L	0.030308	0.5	7880.41	59.8783 mg/L	Y 371.029
Mg 280.270	6.09322	mg/L	0.002961	0.0	553269	60.9322 mg/L	Y 371.029
Mg 285.213	6.12224	mg/L	0.005526	0.1	183906	61.2224 mg/L	Y 371.029
Mn 257.610	0.667830	mg/L	0.001456	0.2	97567.0	6.67830 mg/L	Y 371.029
Mn 259.372	0.713924	mg/L	0.003487	0.5	76027.0	7.13924 mg/L	Y 371.029
Mn 260.568	0.705485	mg/L	0.000770	0.1	12917.1	7.05485 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.002877	2.3	433.549	uncal mg/L	Y 371.029
Mo 203.846	0.130528	mg/L	0.001618	1.2	179.084	1.30528 mg/L	Y 371.029
Mo 204.598	0.131506	mg/L	0.000829	0.6	208.878	1.31506 mg/L	Y 371.029
Na 568.821	1.57015	mg/L	0.040900	2.6	313.766	15.7015 mg/L	Y 371.029
Na 588.995	0.792893	mg/L	0.006250	0.8	586802	7.92893 mg/L	Y 371.029
Na 589.592	0.538760	mg/L	0.001249	0.2	292371	5.38760 mg/L	Y 371.029
Ni 216.555	0.127140	mg/L	0.001265	1.0	670.314	1.27140 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	0.123686	mg/L	0.000955	0.8	266.877	1.23686 mg/L	Y 371.029
Ni 231.604	0.126606	mg/L	0.000392	0.3	451.453	1.26606 mg/L	Y 371.029
P 177.434	1.34953	mg/L	0.024794	1.8	55.3611	13.4953 mg/L	Y 371.029
P 213.618	1.11751	mg/L	0.007374	0.7	572.089	11.1751 mg/L	Y 371.029
P 214.914	1.05793	mg/L	0.012896	1.2	167.516	10.5793 mg/L	Y 371.029
Pb 220.353	0.151058	mg/L	0.000939	0.6	152.132	1.51058 mg/L	Y 371.029
Pb 261.417	0.050368	mg/L	0.011351	22.5	29.6917	0.503680 mg/L	Y 371.029
Pb 405.781	0.101403	mg/L	0.010080	9.9	233.610	1.01403 mg/L	Y 371.029
Sb 206.834	0.235074	mg/L	0.004563	1.9	145.273	2.35074 mg/L	Y 371.029
Sb 231.146	0.225081	mg/L	0.016338	7.3	126.512	2.25081 mg/L	Y 371.029
Sb 259.804	-0.112943uv	mg/L	0.014866	13.2	14.7289	-1.12943 mg/L	Y 371.029
Se 196.026	0.260528	mg/L	0.005671	2.2	62.3881	2.60528 mg/L	Y 371.029
Se 203.985	0.278377	mg/L	0.002925	1.1	41.3985	2.78377 mg/L	Y 371.029
Si 250.690	1.12007	mg/L	0.022476	2.0	1470.78	11.2007 mg/L	Y 371.029
Si 251.611	1.08161	mg/L	0.022801	2.1	1685.51	10.8161 mg/L	Y 371.029
Si 288.158	1.13853	mg/L	0.006525	0.6	8919.81	11.3853 mg/L	Y 371.029
Sn 189.927	0.290948	mg/L	0.005585	1.9	62.2212	2.90948 mg/L	Y 371.029
Sn 283.998	0.281368	mg/L	0.002013	0.7	585.196	2.81368 mg/L	Y 371.029
Sr 216.596	0.341221	mg/L	0.001160	0.3	2710.44	3.41221 mg/L	Y 371.029
Sr 407.771	0.322391	mg/L	0.002245	0.7	819313	3.22391 mg/L	Y 371.029
Sr 421.552	0.329037	mg/L	0.000674	0.2	519152	3.29037 mg/L	Y 371.029
Ti 334.941	0.578471	mg/L	0.006260	1.1	110839	5.78471 mg/L	Y 371.029
Ti 336.122	0.591869	mg/L	0.002452	0.4	48378.5	5.91869 mg/L	Y 371.029
Ti 337.280	0.588754	mg/L	0.002395	0.4	17301.7	5.88754 mg/L	Y 371.029
Tl 190.794	0.564627	mg/L	0.000305	0.1	162.885	5.64627 mg/L	Y 371.029
Tl 190.807	0.539348	mg/L	0.008549	1.6	86.1375	5.39348 mg/L	Y 371.029
Tl 351.923	0.546492	mg/L	0.002061	0.4	642.239	5.46492 mg/L	Y 371.029
V 268.796	0.167490	mg/L	0.001881	1.1	1522.99	1.67490 mg/L	Y 371.029
V 292.401	0.176023	mg/L	0.000775	0.4	5852.93	1.76023 mg/L	Y 371.029
V 311.837	0.175508	mg/L	0.000234	0.1	7952.67	1.75508 mg/L	Y 371.029
Zn 202.548	0.604648	mg/L	0.003707	0.6	4903.42	6.04648 mg/L	Y 371.029
Zn 206.200	0.597460	mg/L	0.001819	0.3	1573.64	5.97460 mg/L	Y 371.029
Zn 213.857	0.582557	mg/L	0.004935	0.8	9735.96	5.82557 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12609	9029.87	32.607	0.4
Y 371.029	0.937461	154594	715.488	0.5

11J1391-01 (Samp) **11/4/2011, 5:14:57 PM** **Rack 4, Tube 10**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 50**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001424b	mg/L	0.000146	10.2	361.744	0.071179 mg/L	Y 371.029
Ag 338.289	-0.003797uvb	mg/L	0.000934	24.6	2.57069	-0.189833 mg/L	Y 371.029
Al 237.312	0.595104b	mg/L	0.001298	0.2	864.448	29.7552 mg/L	Y 371.029
Al 257.509	0.576298b	mg/L	0.010846	1.9	370.631	28.8149 mg/L	Y 371.029
Al 308.215	0.673382b	mg/L	0.002210	0.3	3752.43	33.6691 mg/L	Y 371.029
As 188.980	0.010410uvb	mg/L	0.003676	35.3	4.97164	0.520475 mg/L	Y 371.029
As 193.696	0.008803uvb	mg/L	0.005116	58.1	2.98055	0.440154 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.012048	2.3	580.196	uncal mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.014854b	mg/L	0.003066	20.6	15.6089	0.742717 mg/L	Y 371.029
B 249.678	0.003936b	mg/L	0.002215	56.3	146.534	0.196816 mg/L	Y 371.029
B 249.772	0.012443b	mg/L	0.001737	14.0	339.643	0.622134 mg/L	Y 371.029
Ba 233.527	0.000294b	mg/L	0.000173	59.0	182.359	0.014695 mg/L	Y 371.029
Ba 455.403	-0.000121uvb	mg/L	0.000010	7.9	4480.76	-0.006062 mg/L	Y 371.029
Ba 493.408	-0.000307uvb	mg/L	0.000009	2.8	2739.53	-0.015336 mg/L	Y 371.029
Be 234.861	0.000128b	mg/L	0.000032	24.9	12.7763	0.006375 mg/L	Y 371.029
Be 313.042	0.000164uvb	mg/L	0.000011	7.0	1945.86	0.008222 mg/L	Y 371.029
Be 313.107	0.000397b	mg/L	0.000015	3.9	260.498	0.019854 mg/L	Y 371.029
Ca 393.366	8.44588nb	mg/L	0.024098	0.3	10946279	422.294 mg/L	Y 371.029
Ca 396.847	8.19975b	mg/L	0.029553	0.4	16369036	409.988 mg/L	Y 371.029
Ca 430.253	8.88680b	mg/L	0.036374	0.4	34313.1	444.340 mg/L	Y 371.029
Cd 214.439	0.499402b	mg/L	0.001592	0.3	8060.83	24.9701 mg/L	Y 371.029
Cd 226.502	0.497404b	mg/L	0.002019	0.4	14835.1	24.8702 mg/L	Y 371.029
Cd 228.802	0.479780b	mg/L	0.001057	0.2	6358.05	23.9890 mg/L	Y 371.029
Co 228.615	0.007774b	mg/L	0.000141	1.8	59.1136	0.388712 mg/L	Y 371.029
Co 230.786	0.007224b	mg/L	0.000640	8.9	49.9377	0.361192 mg/L	Y 371.029
Co 238.892	0.004355b	mg/L	0.000793	18.2	24.9716	0.217749 mg/L	Y 371.029
Cr 205.560	-0.002815b	mg/L	0.000224	8.0	3.94011	-0.140774 mg/L	Y 371.029
Cr 206.158	0.003264b	mg/L	0.033823	1036.1	58.1025	0.163217 mg/L	Y 371.029
Cr 267.716	-0.001218b	mg/L	0.000063	5.1	17.4708	-0.060915 mg/L	Y 371.029
Cu 213.598	0.012614b	mg/L	0.000592	4.7	50.3181	0.630717 mg/L	Y 371.029
Cu 324.754	0.026299b	mg/L	0.000124	0.5	874.051	1.31495 mg/L	Y 371.029
Cu 327.395	0.014230b	mg/L	0.000194	1.4	638.602	0.711477 mg/L	Y 371.029
Fe 234.350	1.12652b	mg/L	0.009949	0.9	9026.46	56.3261 mg/L	Y 371.029
Fe 238.204	1.09895b	mg/L	0.007905	0.7	19461.2	54.9473 mg/L	Y 371.029
Fe 259.940	1.09588b	mg/L	0.006814	0.6	16282.4	54.7940 mg/L	Y 371.029
Ga 287.423	-0.010907b	mg/L	0.002324	21.3	16.4018	-0.545338 mg/L	Y 371.029
Ga 294.363	-0.004475uvb	mg/L	0.000679	15.2	10.8288	-0.223747 mg/L	Y 371.029
Ga 417.204	-0.001442b	mg/L	0.001308	90.7	56.1993	-0.072111 mg/L	Y 371.029
K 766.491	0.285163b	mg/L	0.001195	0.4	18338.6	14.2581 mg/L	Y 371.029
K 769.897	0.301038b	mg/L	0.002809	0.9	21672.2	15.0519 mg/L	Y 371.029
Li 610.365	0.001944b	mg/L	0.000086	4.4	21.4985	0.097195 mg/L	Y 371.029
Li 670.783	0.000449b	mg/L	0.000074	16.4	58753.6	0.022460 mg/L	Y 371.029
Mg 279.078	2.76484b	mg/L	0.010407	0.4	3633.60	138.242 mg/L	Y 371.029
Mg 280.270	2.77246b	mg/L	0.018754	0.7	253403	138.623 mg/L	Y 371.029
Mg 285.213	2.70401b	mg/L	0.009280	0.3	81755.2	135.201 mg/L	Y 371.029
Mn 257.610	0.400280b	mg/L	0.003873	1.0	54243.3	20.0140 mg/L	Y 371.029
Mn 259.372	0.397038b	mg/L	0.002318	0.6	39925.3	19.8519 mg/L	Y 371.029
Mn 260.568	0.395144b	mg/L	0.001588	0.4	7169.77	19.7572 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001569	9.7	38.4384	uncal mg/L	Y 371.029
Mo 203.846	0.015555b	mg/L	0.000704	4.5	15.0953	0.777768 mg/L	Y 371.029
Mo 204.598	0.015564b	mg/L	0.001149	7.4	13.0220	0.778191 mg/L	Y 371.029
Na 568.821	3.97828b	mg/L	0.046870	1.2	1085.19	198.914 mg/L	Y 371.029
Na 588.995	4.84490b	mg/L	0.020394	0.4	2321906	242.245 mg/L	Y 371.029
Na 589.592	4.42319b	mg/L	0.020181	0.5	1161976	221.160 mg/L	Y 371.029
Ni 216.555	0.008363b	mg/L	0.000136	1.6	45.0323	0.418128 mg/L	Y 371.029
Ni 221.648	0.005982b	mg/L	0.000327	5.5	21.1104	0.299109 mg/L	Y 371.029
Ni 231.604	0.007835b	mg/L	0.000469	6.0	37.2545	0.391764 mg/L	Y 371.029
P 177.434	0.014355b	mg/L	0.004711	32.8	0.739514	0.717742 mg/L	Y 371.029
P 213.618	-0.025988b	mg/L	0.002402	9.2	2.57210	-1.29942 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.031625b	mg/L	0.009339	29.5	2.08387	1.58127 mg/L	Y 371.029
Pb 220.353	-0.003568uvb	mg/L	0.002071	58.1	5.23595	-0.178392 mg/L	Y 371.029
Pb 261.417	0.009882uvb	mg/L	0.006451	65.3	8.08576	0.494109 mg/L	Y 371.029
Pb 405.781	0.006156uvb	mg/L	0.008946	145.3	84.9435	0.307798 mg/L	Y 371.029
Sb 206.834	-0.022008uvb	mg/L	0.003097	14.1	6.38225	-1.10038 mg/L	Y 371.029
Sb 231.146	0.023780uvb	mg/L	0.009844	41.4	6.72768	1.18900 mg/L	Y 371.029
Sb 259.804	-0.058984uvb	mg/L	0.002857	4.8	1.58340	-2.94921 mg/L	Y 371.029
Se 196.026	0.004636b	mg/L	0.001536	33.1	4.56205	0.231819 mg/L	Y 371.029
Se 203.985	0.010152uvb	mg/L	0.006181	60.9	1.83597	0.507617 mg/L	Y 371.029
Si 250.690	0.637773b	mg/L	0.002406	0.4	893.998	31.8887 mg/L	Y 371.029
Si 251.611	0.616306b	mg/L	0.001392	0.2	1040.13	30.8153 mg/L	Y 371.029
Si 288.158	0.684026b	mg/L	0.007838	1.1	5651.51	34.2013 mg/L	Y 371.029
Sn 189.927	0.005045uvb	mg/L	0.001984	39.3	2.19322	0.252247 mg/L	Y 371.029
Sn 283.998	-0.036173uvb	mg/L	0.001284	3.6	6.09601	-1.80863 mg/L	Y 371.029
Sr 216.596	0.023950b	mg/L	0.000263	1.1	216.815	1.19751 mg/L	Y 371.029
Sr 407.771	0.024063b	mg/L	0.000089	0.4	67089.3	1.20313 mg/L	Y 371.029
Sr 421.552	0.024452b	mg/L	0.000079	0.3	42215.1	1.22262 mg/L	Y 371.029
Ti 334.941	-0.005553b	mg/L	0.000266	4.8	234.371	-0.277671 mg/L	Y 371.029
Ti 336.122	-0.004926b	mg/L	0.000229	4.6	73.0766	-0.246282 mg/L	Y 371.029
Ti 337.280	-0.003506b	mg/L	0.000273	7.8	32.4410	-0.175297 mg/L	Y 371.029
Tl 190.794	-0.016568uvb	mg/L	0.004193	25.3	1.91719	-0.828417 mg/L	Y 371.029
Tl 190.807	0.001676uvb	mg/L	0.010948	653.1	2.12750	0.083814 mg/L	Y 371.029
Tl 351.923	-0.006352uvb	mg/L	0.002693	42.4	8.77367	-0.317576 mg/L	Y 371.029
V 268.796	0.001051b	mg/L	0.000389	37.0	33.6320	0.052564 mg/L	Y 371.029
V 292.401	-0.003474uvb	mg/L	0.000237	6.8	26.7715	-0.173677 mg/L	Y 371.029
V 311.837	0.000447b	mg/L	0.000079	17.6	5.76913	0.022364 mg/L	Y 371.029
Zn 202.548	43.9655b	mg/L	0.369208	0.8	315678	2198.27 mg/L	Y 371.029
Zn 206.200	45.2282b	mg/L	0.413360	0.9	105538	2261.41 mg/L	Y 371.029
Zn 213.857	39.9888b	mg/L	0.339018	0.8	589762	1999.44 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13171	9074.91	105.752	1.2
Y 371.029	0.937980	154679	1840.564	1.2

11J1391-03 (Samp) **11/4/2011, 5:18:58 PM** **Rack 4, Tube 11**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000379	mg/L	0.000216	57.1	364.040	0.001895 mg/L	Y 371.029
Ag 338.289	0.000790uv	mg/L	0.001064	134.6	5.69084	0.003952 mg/L	Y 371.029
Al 237.312	0.002940uv	mg/L	0.007386	251.2	72.0139	0.014702 mg/L	Y 371.029
Al 257.509	0.018233	mg/L	0.003818	20.9	26.7185	0.091167 mg/L	Y 371.029
Al 308.215	0.022704	mg/L	0.001174	5.2	700.225	0.113518 mg/L	Y 371.029
As 188.980	0.012876	mg/L	0.007009	54.4	7.51782	0.064380 mg/L	Y 371.029
As 193.696	-0.000495uv	mg/L	0.005754	1163.6	2.33712	-0.002473 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001265	4.9	46.9656	uncal mg/L	Y 371.029
B 182.577	0.040334	mg/L	0.001710	4.2	23.6939	0.201670 mg/L	Y 371.029
B 249.678	0.037251	mg/L	0.000308	0.8	365.959	0.186254 mg/L	Y 371.029
B 249.772	0.038468	mg/L	0.000739	1.9	797.022	0.192342 mg/L	Y 371.029
Ba 233.527	0.005873	mg/L	0.000124	2.1	374.303	0.029363 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.005240	mg/L	0.000049	0.9	9805.66	0.026202 mg/L	Y 371.029
Ba 493.408	0.005341	mg/L	0.000026	0.5	5885.54	0.026705 mg/L	Y 371.029
Be 234.861	0.000041	mg/L	0.000013	32.2	1.74468	0.000203 mg/L	Y 371.029
Be 313.042	-0.000253uv	mg/L	0.000003	1.3	1525.33	-0.001264 mg/L	Y 371.029
Be 313.107	0.000072	mg/L	0.000007	9.8	68.6775	0.000360 mg/L	Y 371.029
Ca 393.366	13.5718n	mg/L	0.075062	0.6	17494986	67.8590 mg/L	Y 371.029
Ca 396.847	13.7116	mg/L	0.088176	0.6	27246518	68.5582 mg/L	Y 371.029
Ca 430.253	15.7179	mg/L	0.109152	0.7	58974.2	78.5896 mg/L	Y 371.029
Cd 214.439	0.042942	mg/L	0.000083	0.2	696.855	0.214708 mg/L	Y 371.029
Cd 226.502	0.042855	mg/L	0.000067	0.2	1291.22	0.214275 mg/L	Y 371.029
Cd 228.802	0.040933	mg/L	0.000117	0.3	555.180	0.204667 mg/L	Y 371.029
Co 228.615	0.003953	mg/L	0.000357	9.0	32.7476	0.019764 mg/L	Y 371.029
Co 230.786	0.003780	mg/L	0.000282	7.5	26.0623	0.018901 mg/L	Y 371.029
Co 238.892	0.003627	mg/L	0.000744	20.5	21.7638	0.018137 mg/L	Y 371.029
Cr 205.560	0.000289	mg/L	0.000581	201.4	4.22860	0.001443 mg/L	Y 371.029
Cr 206.158	-0.002202uv	mg/L	0.000611	27.7	1.76858	-0.011010 mg/L	Y 371.029
Cr 267.716	-0.000197uv	mg/L	0.000046	23.2	15.8821	-0.000983 mg/L	Y 371.029
Cu 213.598	0.001195	mg/L	0.000434	36.4	5.29466	0.005973 mg/L	Y 371.029
Cu 324.754	0.000223uv	mg/L	0.000174	77.9	407.365	0.001117 mg/L	Y 371.029
Cu 327.395	0.000471	mg/L	0.000182	38.7	47.3267	0.002353 mg/L	Y 371.029
Fe 234.350	0.180382	mg/L	0.001799	1.0	1431.66	0.901909 mg/L	Y 371.029
Fe 238.204	0.177141	mg/L	0.001115	0.6	3066.85	0.885704 mg/L	Y 371.029
Fe 259.940	0.174441	mg/L	0.001977	1.1	2528.20	0.872205 mg/L	Y 371.029
Ga 287.423	-0.001911uv	mg/L	0.001635	85.6	9.54021	-0.009553 mg/L	Y 371.029
Ga 294.363	0.000648	mg/L	0.000488	75.3	12.5458	0.003238 mg/L	Y 371.029
Ga 417.204	0.001502	mg/L	0.000901	60.0	49.5583	0.007509 mg/L	Y 371.029
K 766.491	1.56060	mg/L	0.010555	0.7	87506.1	7.80298 mg/L	Y 371.029
K 769.897	1.47539	mg/L	0.010156	0.7	75434.7	7.37696 mg/L	Y 371.029
Li 610.365	0.002397	mg/L	0.000033	1.4	39.8935	0.011987 mg/L	Y 371.029
Li 670.783	0.002255	mg/L	0.000077	3.4	59552.6	0.011275 mg/L	Y 371.029
Mg 279.078	5.11759	mg/L	0.020693	0.4	6727.80	25.5880 mg/L	Y 371.029
Mg 280.270	5.21132	mg/L	0.018872	0.4	473263	26.0566 mg/L	Y 371.029
Mg 285.213	5.12976	mg/L	0.082006	1.6	154125	25.6488 mg/L	Y 371.029
Mn 257.610	0.191435	mg/L	0.002381	1.2	25848.2	0.957174 mg/L	Y 371.029
Mn 259.372	0.189916	mg/L	0.002341	1.2	19003.3	0.949578 mg/L	Y 371.029
Mn 260.568	0.190379	mg/L	0.001582	0.8	3454.56	0.951896 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000359	33.4	25.2373	uncal mg/L	Y 371.029
Mo 203.846	0.001794	mg/L	0.000663	37.0	12.4192	0.008968 mg/L	Y 371.029
Mo 204.598	0.000576	mg/L	0.000445	77.2	8.91292	0.002881 mg/L	Y 371.029
Na 568.821	5.15720	mg/L	0.092448	1.8	1278.29	25.7860 mg/L	Y 371.029
Na 588.995	5.76657	mg/L	0.037144	0.6	2705270	28.8329 mg/L	Y 371.029
Na 589.592	5.38524	mg/L	0.039880	0.7	1361028	26.9262 mg/L	Y 371.029
Ni 216.555	0.005976	mg/L	0.000339	5.7	31.1984	0.029879 mg/L	Y 371.029
Ni 221.648	0.005649	mg/L	0.000635	11.2	14.6890	0.028247 mg/L	Y 371.029
Ni 231.604	0.005830	mg/L	0.000693	11.9	27.3312	0.029148 mg/L	Y 371.029
P 177.434	0.008461	mg/L	0.006939	82.0	0.785376	0.042304 mg/L	Y 371.029
P 213.618	0.001041uv	mg/L	0.004077	391.7	1.96345	0.005205 mg/L	Y 371.029
P 214.914	0.010360	mg/L	0.006989	67.5	1.41163	0.051799 mg/L	Y 371.029
Pb 220.353	-0.000931uv	mg/L	0.003354	360.3	4.19609	-0.004654 mg/L	Y 371.029
Pb 261.417	0.007795	mg/L	0.002349	30.1	10.7427	0.038977 mg/L	Y 371.029
Pb 405.781	-0.005456uv	mg/L	0.003301	60.5	85.6216	-0.027279 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	-0.006308uv	mg/L	0.002815	44.6	4.48924	-0.031542 mg/L	Y 371.029
Sb 231.146	-0.006470uv	mg/L	0.003369	52.1	4.44820	-0.032350 mg/L	Y 371.029
Sb 259.804	-0.024184uv	mg/L	0.007712	31.9	5.64328	-0.120922 mg/L	Y 371.029
Se 196.026	0.005385uv	mg/L	0.006117	113.6	5.69089	0.026927 mg/L	Y 371.029
Se 203.985	0.016233	mg/L	0.010100	62.2	3.60154	0.081166 mg/L	Y 371.029
Si 250.690	1.84116	mg/L	0.013898	0.8	2292.69	9.20579 mg/L	Y 371.029
Si 251.611	1.78645	mg/L	0.012696	0.7	2638.17	8.93223 mg/L	Y 371.029
Si 288.158	1.84661	mg/L	0.003769	0.2	13442.4	9.23307 mg/L	Y 371.029
Sn 189.927	0.000583uv	mg/L	0.004051	695.3	1.78378	0.002913 mg/L	Y 371.029
Sn 283.998	0.001861	mg/L	0.001371	73.7	13.4407	0.009303 mg/L	Y 371.029
Sr 216.596	0.061971	mg/L	0.000383	0.6	502.186	0.309855 mg/L	Y 371.029
Sr 407.771	0.058783	mg/L	0.000521	0.9	154964	0.293917 mg/L	Y 371.029
Sr 421.552	0.059856	mg/L	0.000608	1.0	97787.8	0.299281 mg/L	Y 371.029
Ti 334.941	-0.000389uv	mg/L	0.000204	52.3	139.373	-0.001946 mg/L	Y 371.029
Ti 336.122	-0.000247	mg/L	0.000075	30.2	22.8555	-0.001235 mg/L	Y 371.029
Ti 337.280	-0.000121	mg/L	0.000176	146.1	18.7358	-0.000604 mg/L	Y 371.029
Tl 190.794	-0.000814uv	mg/L	0.004166	511.9	1.88492	-0.004069 mg/L	Y 371.029
Tl 190.807	0.003742	mg/L	0.002026	54.1	1.11316	0.018710 mg/L	Y 371.029
Tl 351.923	0.000422uv	mg/L	0.006712	1589.5	7.68739	0.002111 mg/L	Y 371.029
V 268.796	-0.000117	mg/L	0.000186	158.4	26.5784	-0.000586 mg/L	Y 371.029
V 292.401	-0.000328uv	mg/L	0.000156	47.5	19.8962	-0.001639 mg/L	Y 371.029
V 311.837	0.000153	mg/L	0.000119	77.6	7.27604	0.000766 mg/L	Y 371.029
Zn 202.548	2.84922	mg/L	0.008559	0.3	20955.4	14.2461 mg/L	Y 371.029
Zn 206.200	2.86175	mg/L	0.020703	0.7	6841.91	14.3087 mg/L	Y 371.029
Zn 213.857	2.71888	mg/L	0.023244	0.9	41098.2	13.5944 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12450	9017.14	23.946	0.3
Y 371.029	0.930730	153484	365.217	0.2

11J1391-04 (Samp) **11/4/2011, 5:22:50 PM** **Rack 4, Tube 12**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 50**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000557	mg/L	0.000080	14.4	353.691	0.027866 mg/L	Y 371.029
Ag 338.289	-0.000562uv	mg/L	0.000708	126.0	2.45849	-0.028078 mg/L	Y 371.029
Al 237.312	-0.009799uv	mg/L	0.002345	23.9	50.0372	-0.489940 mg/L	Y 371.029
Al 257.509	0.006694	mg/L	0.005524	82.5	21.4438	0.334724 mg/L	Y 371.029
Al 308.215	0.015465uv	mg/L	0.002889	18.7	641.368	0.773254 mg/L	Y 371.029
As 188.980	0.001137uv	mg/L	0.004002	352.0	4.13344	0.056850 mg/L	Y 371.029
As 193.696	-0.000322uv	mg/L	0.002142	664.6	2.34819	-0.016118 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.008620	91.2	16.8672	uncal mg/L	Y 371.029
B 182.577	0.004155	mg/L	0.002020	48.6	8.24809	0.207768 mg/L	Y 371.029
B 249.678	0.001968	mg/L	0.000577	29.3	91.5359	0.098411 mg/L	Y 371.029
B 249.772	0.005166	mg/L	0.000475	9.2	282.313	0.258296 mg/L	Y 371.029
Ba 233.527	0.000224	mg/L	0.000154	68.9	177.285	0.011196 mg/L	Y 371.029
Ba 455.403	-0.000093uv	mg/L	0.000013	13.8	4531.02	-0.004649 mg/L	Y 371.029
Ba 493.408	-0.000134uv	mg/L	0.000034	25.2	2757.60	-0.006694 mg/L	Y 371.029
Be 234.861	0.000246	mg/L	0.000031	12.7	4.03819	0.012314 mg/L	Y 371.029
Be 313.042	-0.000300uv	mg/L	0.000014	4.5	1438.56	-0.014982 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000030	mg/L	0.000011	35.7	32.6325	0.001484 mg/L	Y 371.029
Ca 393.366	3.56077n	mg/L	0.036683	1.0	4624448	178.038 mg/L	Y 371.029
Ca 396.847	3.09941	mg/L	0.032573	1.1	6204346	154.971 mg/L	Y 371.029
Ca 430.253	3.32357	mg/L	0.032215	1.0	13190.8	166.179 mg/L	Y 371.029
Cd 214.439	0.010867	mg/L	0.000114	1.0	181.813	0.543358 mg/L	Y 371.029
Cd 226.502	0.010933	mg/L	0.000107	1.0	356.464	0.546627 mg/L	Y 371.029
Cd 228.802	0.010328	mg/L	0.000093	0.9	152.404	0.516401 mg/L	Y 371.029
Co 228.615	0.001465	mg/L	0.000168	11.5	26.3381	0.073247 mg/L	Y 371.029
Co 230.786	0.001457	mg/L	0.000146	10.0	24.4147	0.072854 mg/L	Y 371.029
Co 238.892	0.004644uv	mg/L	0.000310	6.7	3.97105	0.232223 mg/L	Y 371.029
Cr 205.560	-0.000803	mg/L	0.000224	27.9	2.70038	-0.040158 mg/L	Y 371.029
Cr 206.158	0.002294	mg/L	0.003232	140.9	12.8605	0.114688 mg/L	Y 371.029
Cr 267.716	-0.000721uv	mg/L	0.000174	24.1	17.4749	-0.036063 mg/L	Y 371.029
Cu 213.598	-0.001014	mg/L	0.000223	22.0	5.10798	-0.050680 mg/L	Y 371.029
Cu 324.754	-0.000648uv	mg/L	0.000093	14.3	381.615	-0.032400 mg/L	Y 371.029
Cu 327.395	-0.000904uv	mg/L	0.000188	20.8	22.9589	-0.045188 mg/L	Y 371.029
Fe 234.350	4.92073	mg/L	0.038660	0.8	36343.7	246.036 mg/L	Y 371.029
Fe 238.204	4.85709	mg/L	0.038549	0.8	78546.1	242.854 mg/L	Y 371.029
Fe 259.940	4.87219	mg/L	0.034078	0.7	66153.0	243.610 mg/L	Y 371.029
Ga 287.423	-0.019439	mg/L	0.002983	15.3	40.8133	-0.971944 mg/L	Y 371.029
Ga 294.363	-0.000420uv	mg/L	0.001022	243.2	12.6072	-0.021016 mg/L	Y 371.029
Ga 417.204	0.001220	mg/L	0.000564	46.3	63.6344	0.060996 mg/L	Y 371.029
K 766.491	0.174204	mg/L	0.001656	1.0	11516.6	8.71019 mg/L	Y 371.029
K 769.897	0.167042	mg/L	0.002668	1.6	16079.2	8.35211 mg/L	Y 371.029
Li 610.365	0.001293	mg/L	0.000026	2.0	-4.91968	0.064628 mg/L	Y 371.029
Li 670.783	0.001191	mg/L	0.000311	26.1	56813.1	0.059560 mg/L	Y 371.029
Mg 279.078	2.02526	mg/L	0.013644	0.7	2665.70	101.263 mg/L	Y 371.029
Mg 280.270	2.04792	mg/L	0.004701	0.2	186422	102.396 mg/L	Y 371.029
Mg 285.213	2.00687	mg/L	0.018588	0.9	60428.0	100.344 mg/L	Y 371.029
Mn 257.610	0.457878	mg/L	0.004249	0.9	61818.7	22.8939 mg/L	Y 371.029
Mn 259.372	0.455197	mg/L	0.003922	0.9	45984.9	22.7598 mg/L	Y 371.029
Mn 260.568	0.452380	mg/L	0.007254	1.6	8155.14	22.6190 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000693	21.7	22.1490	uncal mg/L	Y 371.029
Mo 203.846	0.001232uv	mg/L	0.001342	108.9	8.12428	0.061588 mg/L	Y 371.029
Mo 204.598	0.002360	mg/L	0.000938	39.7	7.20768	0.118023 mg/L	Y 371.029
Na 568.821	3.52132	mg/L	0.068465	1.9	833.109	176.066 mg/L	Y 371.029
Na 588.995	3.69297	mg/L	0.027239	0.7	1820807	184.649 mg/L	Y 371.029
Na 589.592	3.31762	mg/L	0.026428	0.8	905094	165.881 mg/L	Y 371.029
Ni 216.555	-0.001932	mg/L	0.000418	21.6	11.7944	-0.096614 mg/L	Y 371.029
Ni 221.648	-0.001954	mg/L	0.000438	22.4	7.22346	-0.097692 mg/L	Y 371.029
Ni 231.604	-0.002269	mg/L	0.000732	32.2	12.2715	-0.113464 mg/L	Y 371.029
P 177.434	0.004878uv	mg/L	0.008673	177.8	0.654130	0.243876 mg/L	Y 371.029
P 213.618	-0.002468	mg/L	0.001667	67.6	1.12993	-0.123404 mg/L	Y 371.029
P 214.914	0.019695	mg/L	0.010688	54.3	3.02034	0.984732 mg/L	Y 371.029
Pb 220.353	-0.001125uv	mg/L	0.002526	224.6	4.10321	-0.056242 mg/L	Y 371.029
Pb 261.417	-0.007866uv	mg/L	0.001464	18.6	2.84313	-0.393297 mg/L	Y 371.029
Pb 405.781	-0.006001uv	mg/L	0.012186	203.1	80.2017	-0.300039 mg/L	Y 371.029
Sb 206.834	-0.005039uv	mg/L	0.002236	44.4	5.38030	-0.251964 mg/L	Y 371.029
Sb 231.146	0.000150uv	mg/L	0.003605	2411.5	4.69166	0.007475 mg/L	Y 371.029
Sb 259.804	-0.028245uv	mg/L	0.012937	45.8	8.05408	-1.41226 mg/L	Y 371.029
Se 196.026	0.003052uv	mg/L	0.002590	84.9	4.80362	0.152599 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.002554uv	mg/L	0.007920	310.0	1.99353	0.127716 mg/L	Y 371.029
Si 250.690	0.401539	mg/L	0.003275	0.8	610.381	20.0769 mg/L	Y 371.029
Si 251.611	0.394076	mg/L	0.004045	1.0	704.923	19.7038 mg/L	Y 371.029
Si 288.158	0.414412	mg/L	0.009111	2.2	4086.15	20.7206 mg/L	Y 371.029
Sn 189.927	0.003351	mg/L	0.001667	49.7	2.38016	0.167568 mg/L	Y 371.029
Sn 283.998	-0.009044uv	mg/L	0.001229	13.6	5.63468	-0.452193 mg/L	Y 371.029
Sr 216.596	0.013711	mg/L	0.000393	2.9	131.892	0.685544 mg/L	Y 371.029
Sr 407.771	0.013529	mg/L	0.000172	1.3	40061.1	0.676454 mg/L	Y 371.029
Sr 421.552	0.013790	mg/L	0.000171	1.2	25167.1	0.689514 mg/L	Y 371.029
Ti 334.941	-0.001065uv	mg/L	0.000138	12.9	114.036	-0.053258 mg/L	Y 371.029
Ti 336.122	-0.000712	mg/L	0.000038	5.3	30.1189	-0.035619 mg/L	Y 371.029
Ti 337.280	-0.000482uv	mg/L	0.000260	53.9	18.4229	-0.024086 mg/L	Y 371.029
Tl 190.794	-0.001907uv	mg/L	0.005149	270.0	2.14770	-0.095348 mg/L	Y 371.029
Tl 190.807	0.003282	mg/L	0.004539	138.3	1.20835	0.164106 mg/L	Y 371.029
Tl 351.923	-0.001933uv	mg/L	0.000943	48.8	4.84711	-0.096646 mg/L	Y 371.029
V 268.796	0.000380	mg/L	0.000553	145.4	28.7044	0.019006 mg/L	Y 371.029
V 292.401	-0.001091uv	mg/L	0.000071	6.5	23.0190	-0.054556 mg/L	Y 371.029
V 311.837	-0.000367	mg/L	0.000121	33.0	6.95664	-0.018343 mg/L	Y 371.029
Zn 202.548	5.76574	mg/L	0.059739	1.0	41854.1	288.287 mg/L	Y 371.029
Zn 206.200	5.72806	mg/L	0.039021	0.7	13516.5	286.403 mg/L	Y 371.029
Zn 213.857	5.53599	mg/L	0.041486	0.7	82558.4	276.799 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14528	9183.79	151.475	1.6
Y 371.029	0.949193	156529	2166.312	1.4

11J1391-06 (Samp) **11/4/2011, 5:26:45 PM** **Rack 4, Tube 13**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.000154	mg/L	0.000130	84.6	362.120	-0.000768 mg/L	Y 371.029
Ag 338.289	0.000802uv	mg/L	0.001395	174.0	5.80426	0.004009 mg/L	Y 371.029
Al 237.312	-0.010038uv	mg/L	0.001273	12.7	54.7157	-0.050189 mg/L	Y 371.029
Al 257.509	0.013891	mg/L	0.005490	39.5	23.1074	0.069454 mg/L	Y 371.029
Al 308.215	0.016309	mg/L	0.001173	7.2	650.102	0.081547 mg/L	Y 371.029
As 188.980	0.007474	mg/L	0.002620	35.1	6.03767	0.037369 mg/L	Y 371.029
As 193.696	0.006112	mg/L	0.006382	104.4	4.55976	0.030560 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.002252	1.4	166.785	uncal mg/L	Y 371.029
B 182.577	0.042215	mg/L	0.001563	3.7	24.8352	0.211076 mg/L	Y 371.029
B 249.678	0.036526	mg/L	0.000455	1.2	365.317	0.182631 mg/L	Y 371.029
B 249.772	0.038495	mg/L	0.000808	2.1	815.247	0.192473 mg/L	Y 371.029
Ba 233.527	0.005051	mg/L	0.000134	2.7	355.171	0.025256 mg/L	Y 371.029
Ba 455.403	0.004494	mg/L	0.000023	0.5	9314.88	0.022469 mg/L	Y 371.029
Ba 493.408	0.004572	mg/L	0.000044	1.0	5582.03	0.022861 mg/L	Y 371.029
Be 234.861	0.000076	mg/L	0.000016	21.6	2.07806	0.000381 mg/L	Y 371.029
Be 313.042	-0.000298uv	mg/L	0.000007	2.3	1452.52	-0.001488 mg/L	Y 371.029
Be 313.107	0.000019	mg/L	0.000002	10.2	31.1281	0.000095 mg/L	Y 371.029
Ca 393.366	22.9942n	mg/L	0.054528	0.2	29610238	114.971 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.056575	0.3	37363652	- mg/L	Y 371.029
Ca 430.253	31.9108	mg/L	0.076709	0.2	118833	159.554 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.127737	mg/L	0.000746	0.6	2062.11	0.638687 mg/L	Y 371.029
Cd 226.502	0.127462	mg/L	0.000271	0.2	3800.60	0.637308 mg/L	Y 371.029
Cd 228.802	0.122289	mg/L	0.000397	0.3	1627.68	0.611445 mg/L	Y 371.029
Co 228.615	0.000840	mg/L	0.000158	18.8	9.12350	0.004200 mg/L	Y 371.029
Co 230.786	0.000917	mg/L	0.000209	22.7	12.6195	0.004586 mg/L	Y 371.029
Co 238.892	0.000545uv	mg/L	0.000027	5.0	2.58625	0.002727 mg/L	Y 371.029
Cr 205.560	-0.000079	mg/L	0.000054	68.2	3.71796	-0.000393 mg/L	Y 371.029
Cr 206.158	-0.001251	mg/L	0.000558	44.6	2.84204	-0.006257 mg/L	Y 371.029
Cr 267.716	-0.000278	mg/L	0.000027	9.9	19.0610	-0.001390 mg/L	Y 371.029
Cu 213.598	0.000803	mg/L	0.000495	61.6	5.10290	0.004016 mg/L	Y 371.029
Cu 324.754	-0.000020uv	mg/L	0.000083	412.9	391.517	-0.000101 mg/L	Y 371.029
Cu 327.395	-0.000286uv	mg/L	0.000183	63.9	23.9608	-0.001430 mg/L	Y 371.029
Fe 234.350	0.947247	mg/L	0.007824	0.8	7076.17	4.73623 mg/L	Y 371.029
Fe 238.204	0.938139	mg/L	0.007681	0.8	15335.9	4.69069 mg/L	Y 371.029
Fe 259.940	0.925628	mg/L	0.011005	1.2	12698.1	4.62814 mg/L	Y 371.029
Ga 287.423	-0.005894uv	mg/L	0.002294	38.9	12.0264	-0.029472 mg/L	Y 371.029
Ga 294.363	0.000945	mg/L	0.000193	20.5	12.1429	0.004725 mg/L	Y 371.029
Ga 417.204	0.001258	mg/L	0.000412	32.7	44.1367	0.006291 mg/L	Y 371.029
K 766.491	1.42703	mg/L	0.004065	0.3	80267.8	7.13516 mg/L	Y 371.029
K 769.897	1.34551	mg/L	0.003870	0.3	69637.6	6.72757 mg/L	Y 371.029
Li 610.365	0.002404	mg/L	0.000145	6.0	40.1773	0.012022 mg/L	Y 371.029
Li 670.783	0.002485	mg/L	0.000035	1.4	60193.7	0.012426 mg/L	Y 371.029
Mg 279.078	3.81335	mg/L	0.009491	0.2	5013.90	19.0668 mg/L	Y 371.029
Mg 280.270	3.82923	mg/L	0.022053	0.6	347966	19.1461 mg/L	Y 371.029
Mg 285.213	3.77948	mg/L	0.037075	1.0	113604	18.8974 mg/L	Y 371.029
Mn 257.610	0.621736	mg/L	0.012594	2.0	83912.0	3.10868 mg/L	Y 371.029
Mn 259.372	0.632221	mg/L	0.008938	1.4	63080.8	3.16110 mg/L	Y 371.029
Mn 260.568	0.613753	mg/L	0.004902	0.8	11060.2	3.06877 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000577	123.0	22.4703	uncal mg/L	Y 371.029
Mo 203.846	0.000988	mg/L	0.003276	331.4	11.1319	0.004942 mg/L	Y 371.029
Mo 204.598	-0.000416uv	mg/L	0.002103	505.8	6.89006	-0.002079 mg/L	Y 371.029
Na 568.821	2.60837	mg/L	0.054542	2.1	615.651	13.0419 mg/L	Y 371.029
Na 588.995	2.49241	mg/L	0.006504	0.3	1311292	12.4620 mg/L	Y 371.029
Na 589.592	2.13393	mg/L	0.006988	0.3	644105	10.6697 mg/L	Y 371.029
Ni 216.555	-0.000038uv	mg/L	0.001022	2689.0	7.92401	-0.000190 mg/L	Y 371.029
Ni 221.648	-0.000389	mg/L	0.000211	54.3	4.78005	-0.001947 mg/L	Y 371.029
Ni 231.604	-0.000938uv	mg/L	0.000291	31.1	8.95063	-0.004689 mg/L	Y 371.029
P 177.434	0.005266	mg/L	0.000874	16.6	0.651252	0.026328 mg/L	Y 371.029
P 213.618	0.000274	mg/L	0.003134	1141.8	1.68968	0.001372 mg/L	Y 371.029
P 214.914	0.011535	mg/L	0.008560	74.2	1.74465	0.057676 mg/L	Y 371.029
Pb 220.353	-0.001399uv	mg/L	0.001418	101.4	3.81870	-0.006994 mg/L	Y 371.029
Pb 261.417	0.005762	mg/L	0.004321	75.0	9.85899	0.028809 mg/L	Y 371.029
Pb 405.781	-0.010983uv	mg/L	0.015195	138.4	85.4545	-0.054914 mg/L	Y 371.029
Sb 206.834	-0.006124uv	mg/L	0.001740	28.4	5.21941	-0.030621 mg/L	Y 371.029
Sb 231.146	-0.013262uv	mg/L	0.003997	30.1	3.98199	-0.066309 mg/L	Y 371.029
Sb 259.804	-0.034004uv	mg/L	0.006270	18.4	5.13678	-0.170019 mg/L	Y 371.029
Se 196.026	0.001857uv	mg/L	0.005673	305.4	5.34635	0.009287 mg/L	Y 371.029
Se 203.985	0.011551uv	mg/L	0.013216	114.4	2.88808	0.057753 mg/L	Y 371.029
Si 250.690	0.905846	mg/L	0.001277	0.1	1198.15	4.52923 mg/L	Y 371.029
Si 251.611	0.851457	mg/L	0.004452	0.5	1373.61	4.25728 mg/L	Y 371.029
Si 288.158	0.887704	mg/L	0.014146	1.6	7344.15	4.43852 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	-0.002376uv	mg/L	0.002156	90.7	1.09204	-0.011880 mg/L	Y 371.029
Sn 283.998	-0.002415uv	mg/L	0.001018	42.1	9.67670	-0.012076 mg/L	Y 371.029
Sr 216.596	0.079715	mg/L	0.000394	0.5	644.588	0.398576 mg/L	Y 371.029
Sr 407.771	0.075570	mg/L	0.000258	0.3	198283	0.377852 mg/L	Y 371.029
Sr 421.552	0.076789	mg/L	0.000356	0.5	124919	0.383946 mg/L	Y 371.029
Ti 334.941	-0.000448uv	mg/L	0.000041	9.0	129.850	-0.002241 mg/L	Y 371.029
Ti 336.122	-0.000279uv	mg/L	0.000088	31.5	17.2104	-0.001394 mg/L	Y 371.029
Ti 337.280	-0.000371uv	mg/L	0.000137	36.8	14.0361	-0.001855 mg/L	Y 371.029
Tl 190.794	0.002056uv	mg/L	0.004373	212.7	2.72679	0.010282 mg/L	Y 371.029
Tl 190.807	0.006938uv	mg/L	0.005364	77.3	1.38622	0.034690 mg/L	Y 371.029
Tl 351.923	0.004906	mg/L	0.005869	119.6	13.6122	0.024531 mg/L	Y 371.029
V 268.796	0.000504	mg/L	0.000336	66.7	30.6073	0.002518 mg/L	Y 371.029
V 292.401	-0.000212	mg/L	0.000115	54.3	26.3214	-0.001062 mg/L	Y 371.029
V 311.837	0.000176	mg/L	0.000102	58.3	14.0713	0.000878 mg/L	Y 371.029
Zn 202.548	2.41271	mg/L	0.037407	1.6	17831.3	12.0636 mg/L	Y 371.029
Zn 206.200	2.41449	mg/L	0.019536	0.8	5801.52	12.0725 mg/L	Y 371.029
Zn 213.857	2.33749	mg/L	0.039925	1.7	35493.0	11.6874 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12913	9054.22	43.733	0.5
Y 371.029	0.937424	154588	585.150	0.4

11J1391-07 (Samp) **11/4/2011, 5:30:38 PM** **Rack 4, Tube 14**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 50**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000727	mg/L	0.000331	45.6	360.639	0.036328 mg/L	Y 371.029
Ag 338.289	0.000193uv	mg/L	0.001153	598.6	3.77510	0.009634 mg/L	Y 371.029
Al 237.312	-0.007667uv	mg/L	0.001337	17.4	54.9475	-0.383331 mg/L	Y 371.029
Al 257.509	0.010355	mg/L	0.009011	87.0	21.7058	0.517764 mg/L	Y 371.029
Al 308.215	0.007919	mg/L	0.001800	22.7	647.017	0.395949 mg/L	Y 371.029
As 188.980	-0.000028uv	mg/L	0.006046	21545.5	4.00184	-0.001403 mg/L	Y 371.029
As 193.696	0.000238uv	mg/L	0.001169	491.8	2.72199	0.011883 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003060	24.3	15.0378	uncal mg/L	Y 371.029
B 182.577	0.002202	mg/L	0.002114	96.0	7.09098	0.110089 mg/L	Y 371.029
B 249.678	0.003249	mg/L	0.000455	14.0	96.1900	0.162455 mg/L	Y 371.029
B 249.772	0.004582	mg/L	0.000512	11.2	216.897	0.229090 mg/L	Y 371.029
Ba 233.527	0.000273	mg/L	0.000109	39.9	176.850	0.013634 mg/L	Y 371.029
Ba 455.403	-0.000136uv	mg/L	0.000022	16.3	4489.23	-0.006817 mg/L	Y 371.029
Ba 493.408	-0.000149uv	mg/L	0.000025	16.6	2722.12	-0.007440 mg/L	Y 371.029
Be 234.861	0.000044	mg/L	0.000009	19.4	1.91126	0.002220 mg/L	Y 371.029
Be 313.042	-0.000311uv	mg/L	0.000012	3.8	1442.49	-0.015540 mg/L	Y 371.029
Be 313.107	0.000020	mg/L	0.000014	69.4	29.3139	0.001023 mg/L	Y 371.029
Ca 393.366	3.26973n	mg/L	0.061151	1.9	4245517	163.487 mg/L	Y 371.029
Ca 396.847	2.84528	mg/L	0.054118	1.9	5694541	142.264 mg/L	Y 371.029
Ca 430.253	3.06404	mg/L	0.057597	1.9	12156.9	153.202 mg/L	Y 371.029
Cd 214.439	0.005329	mg/L	0.000189	3.6	90.9705	0.266464 mg/L	Y 371.029
Cd 226.502	0.005312	mg/L	0.000133	2.5	176.014	0.265611 mg/L	Y 371.029
Cd 228.802	0.005012	mg/L	0.000074	1.5	81.2732	0.250580 mg/L	Y 371.029
Co 228.615	0.002085	mg/L	0.000367	17.6	18.1685	0.104250 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.002285	mg/L	0.000231	10.1	17.7936	0.114267 mg/L	Y 371.029
Co 238.892	0.002361	mg/L	0.000585	24.8	14.6369	0.118062 mg/L	Y 371.029
Cr 205.560	0.000790	mg/L	0.000177	22.4	5.30438	0.039487 mg/L	Y 371.029
Cr 206.158	-0.001279uv	mg/L	0.000484	37.8	2.17264	-0.063954 mg/L	Y 371.029
Cr 267.716	0.000053	mg/L	0.000116	218.9	18.1250	0.002660 mg/L	Y 371.029
Cu 213.598	0.000396	mg/L	0.000217	54.7	2.06170	0.019814 mg/L	Y 371.029
Cu 324.754	-0.001131uv	mg/L	0.000071	6.2	385.871	-0.056559 mg/L	Y 371.029
Cu 327.395	-0.000059uv	mg/L	0.000120	203.7	18.2947	-0.002950 mg/L	Y 371.029
Fe 234.350	0.197164	mg/L	0.004788	2.4	1514.91	9.85818 mg/L	Y 371.029
Fe 238.204	0.192551	mg/L	0.001956	1.0	3217.92	9.62754 mg/L	Y 371.029
Fe 259.940	0.192414	mg/L	0.001968	1.0	2710.93	9.62070 mg/L	Y 371.029
Ga 287.423	0.001741	mg/L	0.001880	108.0	17.1174	0.087055 mg/L	Y 371.029
Ga 294.363	-0.000170uv	mg/L	0.000566	332.9	8.70409	-0.008495 mg/L	Y 371.029
Ga 417.204	0.001088	mg/L	0.000728	66.9	49.3452	0.054399 mg/L	Y 371.029
K 766.491	0.305811	mg/L	0.004506	1.5	18639.4	15.2906 mg/L	Y 371.029
K 769.897	0.293681	mg/L	0.007140	2.4	21824.1	14.6840 mg/L	Y 371.029
Li 610.365	0.001227	mg/L	0.000017	1.4	-7.57647	0.061353 mg/L	Y 371.029
Li 670.783	0.001275	mg/L	0.000171	13.4	56416.2	0.063735 mg/L	Y 371.029
Mg 279.078	0.820544	mg/L	0.013985	1.7	1082.63	41.0272 mg/L	Y 371.029
Mg 280.270	0.836661	mg/L	0.037471	4.5	76441.4	41.8331 mg/L	Y 371.029
Mg 285.213	0.800962	mg/L	0.032042	4.0	24197.3	40.0481 mg/L	Y 371.029
Mn 257.610	0.128547	mg/L	0.004102	3.2	17355.8	6.42736 mg/L	Y 371.029
Mn 259.372	0.127922	mg/L	0.004498	3.5	12790.8	6.39609 mg/L	Y 371.029
Mn 260.568	0.128057	mg/L	0.005236	4.1	2312.38	6.40283 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001182	121.5	17.1950	uncal mg/L	Y 371.029
Mo 203.846	-0.000178uv	mg/L	0.001001	562.2	6.95043	-0.008907 mg/L	Y 371.029
Mo 204.598	0.001064	mg/L	0.000529	49.7	5.99771	0.053216 mg/L	Y 371.029
Na 568.821	2.04865	mg/L	0.118287	5.8	426.751	102.433 mg/L	Y 371.029
Na 588.995	1.40541	mg/L	0.027974	2.0	844438	70.2703 mg/L	Y 371.029
Na 589.592	1.08464	mg/L	0.026211	2.4	410827	54.2322 mg/L	Y 371.029
Ni 216.555	0.001599	mg/L	0.000620	38.8	11.4354	0.079959 mg/L	Y 371.029
Ni 221.648	0.000596	mg/L	0.000817	137.2	5.34291	0.029783 mg/L	Y 371.029
Ni 231.604	0.000480uv	mg/L	0.001417	295.4	10.3431	0.023986 mg/L	Y 371.029
P 177.434	0.000053uv	mg/L	0.003449	6519.5	0.459628	0.002645 mg/L	Y 371.029
P 213.618	0.001073	mg/L	0.001464	136.4	1.24452	0.053639 mg/L	Y 371.029
P 214.914	0.018208	mg/L	0.010336	56.8	2.58323	0.910425 mg/L	Y 371.029
Pb 220.353	-0.002186uv	mg/L	0.001572	71.9	2.68595	-0.109276 mg/L	Y 371.029
Pb 261.417	-0.002467uv	mg/L	0.005484	222.3	5.69561	-0.123367 mg/L	Y 371.029
Pb 405.781	-0.000766uv	mg/L	0.003844	502.0	85.8393	-0.038290 mg/L	Y 371.029
Sb 206.834	-0.004452uv	mg/L	0.000597	13.4	4.43190	-0.222617 mg/L	Y 371.029
Sb 231.146	-0.000783uv	mg/L	0.007001	894.7	5.28944	-0.039125 mg/L	Y 371.029
Sb 259.804	-0.017901uv	mg/L	0.008700	48.6	5.93865	-0.895064 mg/L	Y 371.029
Se 196.026	0.001988uv	mg/L	0.006274	315.6	4.67249	0.099382 mg/L	Y 371.029
Se 203.985	0.020014	mg/L	0.016872	84.3	4.39856	1.00070 mg/L	Y 371.029
Si 250.690	0.234949	mg/L	0.007042	3.0	413.616	11.7475 mg/L	Y 371.029
Si 251.611	0.229384	mg/L	0.004691	2.0	474.722	11.4692 mg/L	Y 371.029
Si 288.158	0.231232	mg/L	0.003445	1.5	2921.30	11.5616 mg/L	Y 371.029
Sn 189.927	0.002489	mg/L	0.002611	104.9	2.22421	0.124448 mg/L	Y 371.029
Sn 283.998	0.002632uv	mg/L	0.006876	261.2	12.7456	0.131624 mg/L	Y 371.029
Sr 216.596	0.009991	mg/L	0.000417	4.2	95.4853	0.499535 mg/L	Y 371.029
Sr 407.771	0.009281	mg/L	0.000216	2.3	29323.1	0.464045 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.009538	mg/L	0.000154	1.6	18478.1	0.476894 mg/L	Y 371.029
Ti 334.941	-0.000376uv	mg/L	0.000180	47.8	111.398	-0.018792 mg/L	Y 371.029
Ti 336.122	-0.000092	mg/L	0.000069	74.5	26.8544	-0.004625 mg/L	Y 371.029
Ti 337.280	0.000039uv	mg/L	0.000491	1253.7	17.6103	0.001959 mg/L	Y 371.029
Tl 190.794	-0.000178uv	mg/L	0.004925	2773.3	2.07213	-0.008879 mg/L	Y 371.029
Tl 190.807	0.003141uv	mg/L	0.004742	151.0	1.12510	0.157046 mg/L	Y 371.029
Tl 351.923	0.005761	mg/L	0.003699	64.2	13.2071	0.288074 mg/L	Y 371.029
V 268.796	0.001061	mg/L	0.000266	25.0	29.1399	0.053069 mg/L	Y 371.029
V 292.401	-0.000158uv	mg/L	0.000101	63.6	22.2150	-0.007924 mg/L	Y 371.029
V 311.837	0.000160	mg/L	0.000024	15.1	7.33453	0.008007 mg/L	Y 371.029
Zn 202.548	1.99507	mg/L	0.101711	5.1	14821.0	99.7535 mg/L	Y 371.029
Zn 206.200	1.94719	mg/L	0.015706	0.8	4707.15	97.3593 mg/L	Y 371.029
Zn 213.857	1.90832	mg/L	0.096748	5.1	29139.1	95.4159 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13787	9124.34	109.905	1.2
Y 371.029	0.943283	155554	1949.732	1.3

SEQ-CCVD (Samp) **11/4/2011, 5:38:20 PM** **Rack 4, Tube 15**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.099535	mg/L	0.000355	0.4	4850.77	0.099535 mg/L	Y 371.029
Ag 338.289	0.098599	mg/L	0.001137	1.2	275.696	0.098599 mg/L	Y 371.029
Al 237.312	2.59634	mg/L	0.010188	0.4	3536.76	2.59634 mg/L	Y 371.029
Al 257.509	2.58727	mg/L	0.009630	0.4	1516.09	2.58727 mg/L	Y 371.029
Al 308.215	2.60501	mg/L	0.005772	0.2	14467.8	2.60501 mg/L	Y 371.029
As 188.980	0.525938	mg/L	0.005275	1.0	152.832	0.525938 mg/L	Y 371.029
As 193.696	0.516192	mg/L	0.001009	0.2	171.361	0.516192 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.009943	1.4	501.868	uncal mg/L	Y 371.029
B 182.577	0.507354	mg/L	0.012880	2.5	222.594	0.507354 mg/L	Y 371.029
B 249.678	0.503432	mg/L	0.015980	3.2	3982.88	0.503432 mg/L	Y 371.029
B 249.772	0.491094	mg/L	0.013272	2.7	8462.63	0.491094 mg/L	Y 371.029
Ba 233.527	0.526324	mg/L	0.003321	0.6	17830.8	0.526324 mg/L	Y 371.029
Ba 455.403	0.502039	mg/L	0.003784	0.8	479007	0.502039 mg/L	Y 371.029
Ba 493.408	0.510078	mg/L	0.001770	0.3	283655	0.510078 mg/L	Y 371.029
Be 234.861	0.528728	mg/L	0.006514	1.2	53041.9	0.528728 mg/L	Y 371.029
Be 313.042	0.525276	mg/L	0.001343	0.3	814294	0.525276 mg/L	Y 371.029
Be 313.107	0.525756	mg/L	0.001488	0.3	388842	0.525756 mg/L	Y 371.029
Ca 393.366	4.90725n	mg/L	0.005975	0.1	6352682	4.90725 mg/L	Y 371.029
Ca 396.847	4.60167	mg/L	0.010133	0.2	9180312	4.60167 mg/L	Y 371.029
Ca 430.253	4.99603	mg/L	0.014653	0.3	19320.9	4.99603 mg/L	Y 371.029
Cd 214.439	0.271386	mg/L	0.001128	0.4	4374.35	0.271386 mg/L	Y 371.029
Cd 226.502	0.267632	mg/L	0.000102	0.0	7951.27	0.267632 mg/L	Y 371.029
Cd 228.802	0.260891	mg/L	0.000543	0.2	3455.74	0.260891 mg/L	Y 371.029
Co 228.615	0.530081	mg/L	0.002599	0.5	4344.94	0.530081 mg/L	Y 371.029
Co 230.786	0.536920	mg/L	0.003232	0.6	2885.59	0.536920 mg/L	Y 371.029
Co 238.892	0.535914	mg/L	0.002884	0.5	2737.34	0.535914 mg/L	Y 371.029
Cr 205.560	0.530897	mg/L	0.004338	0.8	1940.57	0.530897 mg/L	Y 371.029
Cr 206.158	0.532270	mg/L	0.004438	0.8	811.501	0.532270 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.519464	mg/L	0.005371	1.0	9870.47	0.519464 mg/L	Y 371.029
Cu 213.598	0.540761	mg/L	0.000896	0.2	1692.50	0.540761 mg/L	Y 371.029
Cu 324.754	0.509906	mg/L	0.000962	0.2	17702.9	0.509906 mg/L	Y 371.029
Cu 327.395	0.510846	mg/L	0.001187	0.2	22028.3	0.510846 mg/L	Y 371.029
Fe 234.350	0.538260	mg/L	0.001133	0.2	4207.77	0.538260 mg/L	Y 371.029
Fe 238.204	0.526134	mg/L	0.003765	0.7	8808.79	0.526134 mg/L	Y 371.029
Fe 259.940	0.522374	mg/L	0.002638	0.5	7332.91	0.522374 mg/L	Y 371.029
Ga 287.423	0.513405	mg/L	0.002895	0.6	1147.81	0.513405 mg/L	Y 371.029
Ga 294.363	0.520027	mg/L	0.002035	0.4	3050.35	0.520027 mg/L	Y 371.029
Ga 417.204	0.505963	mg/L	0.000379	0.1	4661.27	0.505963 mg/L	Y 371.029
K 766.491	5.40016	mg/L	0.006013	0.1	297860	5.40016 mg/L	Y 371.029
K 769.897	5.19394	mg/L	0.008168	0.2	243811	5.19394 mg/L	Y 371.029
Li 610.365	1.06727	mg/L	0.001361	0.1	43231.7	1.06727 mg/L	Y 371.029
Li 670.783	1.14252	mg/L	0.002911	0.3	2948097	1.14252 mg/L	Y 371.029
Mg 279.078	5.35236	mg/L	0.008099	0.2	7035.62	5.35236 mg/L	Y 371.029
Mg 280.270	5.45530	mg/L	0.022224	0.4	495339	5.45530 mg/L	Y 371.029
Mg 285.213	5.45185	mg/L	0.045601	0.8	163773	5.45185 mg/L	Y 371.029
Mn 257.610	0.524007	mg/L	0.003695	0.7	71647.3	0.524007 mg/L	Y 371.029
Mn 259.372	0.527266	mg/L	0.003514	0.7	53184.1	0.527266 mg/L	Y 371.029
Mn 260.568	0.520543	mg/L	0.001940	0.4	9412.13	0.520543 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.014689	1.4	3312.81	uncal mg/L	Y 371.029
Mo 203.846	1.08516	mg/L	0.031015	2.9	1341.48	1.08516 mg/L	Y 371.029
Mo 204.598	1.08030	mg/L	0.028124	2.6	1577.19	1.08030 mg/L	Y 371.029
Na 568.821	5.03826	mg/L	0.078442	1.6	1233.51	5.03826 mg/L	Y 371.029
Na 588.995	5.66644	mg/L	0.017495	0.3	2662853	5.66644 mg/L	Y 371.029
Na 589.592	5.30602	mg/L	0.019903	0.4	1343510	5.30602 mg/L	Y 371.029
Ni 216.555	1.08146	mg/L	0.002842	0.3	4805.01	1.08146 mg/L	Y 371.029
Ni 221.648	1.06188	mg/L	0.001922	0.2	1920.18	1.06188 mg/L	Y 371.029
Ni 231.604	1.07679	mg/L	0.002328	0.2	3228.42	1.07679 mg/L	Y 371.029
P 177.434	0.665313	mg/L	0.005050	0.8	27.5084	0.665313 mg/L	Y 371.029
P 213.618	0.538196	mg/L	0.007989	1.5	280.512	0.538196 mg/L	Y 371.029
P 214.914	0.527375	mg/L	0.031224	5.9	85.5736	0.527375 mg/L	Y 371.029
Pb 220.353	1.06605	mg/L	0.001161	0.1	1045.33	1.06605 mg/L	Y 371.029
Pb 261.417	1.01449	mg/L	0.004582	0.5	508.516	1.01449 mg/L	Y 371.029
Pb 405.781	0.989427	mg/L	0.014389	1.5	1385.31	0.989427 mg/L	Y 371.029
Sb 206.834	1.07256	mg/L	0.002142	0.2	618.506	1.07256 mg/L	Y 371.029
Sb 231.146	1.07609	mg/L	0.017285	1.6	508.693	1.07609 mg/L	Y 371.029
Sb 259.804	1.09423	mg/L	0.009271	0.8	425.794	1.09423 mg/L	Y 371.029
Se 196.026	1.06527	mg/L	0.024011	2.3	243.268	1.06527 mg/L	Y 371.029
Se 203.985	1.05835	mg/L	0.009056	0.9	149.809	1.05835 mg/L	Y 371.029
Si 250.690	1.07242	mg/L	0.004946	0.5	1400.89	1.07242 mg/L	Y 371.029
Si 251.611	1.04949	mg/L	0.006022	0.6	1622.18	1.04949 mg/L	Y 371.029
Si 288.158	1.08554	mg/L	0.007695	0.7	8444.86	1.08554 mg/L	Y 371.029
Sn 189.927	1.07900	mg/L	0.003875	0.4	224.985	1.07900 mg/L	Y 371.029
Sn 283.998	1.05675	mg/L	0.003468	0.3	1839.44	1.05675 mg/L	Y 371.029
Sr 216.596	0.532495	mg/L	0.000123	0.0	4153.88	0.532495 mg/L	Y 371.029
Sr 407.771	0.498397	mg/L	0.002276	0.5	1262483	0.498397 mg/L	Y 371.029
Sr 421.552	0.505424	mg/L	0.002351	0.5	794928	0.505424 mg/L	Y 371.029
Ti 334.941	0.515718	mg/L	0.009614	1.9	98346.3	0.515718 mg/L	Y 371.029
Ti 336.122	0.527149	mg/L	0.008882	1.7	42898.4	0.527149 mg/L	Y 371.029
Ti 337.280	0.519854	mg/L	0.000838	0.2	15215.3	0.519854 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	0.536958	mg/L	0.003788	0.7	155.103	0.536958 mg/L	Y 371.029
Tl 190.807	0.524610	mg/L	0.010326	2.0	84.9703	0.524610 mg/L	Y 371.029
Tl 351.923	0.525179	mg/L	0.004396	0.8	618.866	0.525179 mg/L	Y 371.029
V 268.796	0.523653	mg/L	0.003435	0.7	5109.76	0.523653 mg/L	Y 371.029
V 292.401	0.508798	mg/L	0.005922	1.2	16186.9	0.508798 mg/L	Y 371.029
V 311.837	0.521420	mg/L	0.001414	0.3	22828.6	0.521420 mg/L	Y 371.029
Zn 202.548	0.554123	mg/L	0.000537	0.1	4539.65	0.554123 mg/L	Y 371.029
Zn 206.200	0.552886	mg/L	0.005236	0.9	1463.84	0.552886 mg/L	Y 371.029
Zn 213.857	0.525610	mg/L	0.002336	0.4	8905.44	0.525610 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.10757	8881.37	34.945	0.4
Y 371.029	0.917674	151331	771.479	0.5

SEQ-CCBD (Samp) **11/4/2011, 5:42:37 PM** **Rack 4, Tube 16**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000865	mg/L	0.000223	25.8	362.536	0.000865 mg/L	Y 371.029
Ag 338.289	0.000157uv	mg/L	0.000680	432.6	3.20154	0.000157 mg/L	Y 371.029
Al 237.312	-0.007140uv	mg/L	0.003336	46.7	55.1301	-0.007140 mg/L	Y 371.029
Al 257.509	0.007244	mg/L	0.001459	20.1	18.9107	0.007244 mg/L	Y 371.029
Al 308.215	-0.002814uv	mg/L	0.001059	37.6	614.639	-0.002814 mg/L	Y 371.029
As 188.980	0.003849	mg/L	0.002304	59.9	5.21882	0.003849 mg/L	Y 371.029
As 193.696	0.000486uv	mg/L	0.004485	922.2	2.93728	0.000486 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.001969	29.8	9.24424	uncal mg/L	Y 371.029
B 182.577	0.012408	mg/L	0.003194	25.7	11.2331	0.012408 mg/L	Y 371.029
B 249.678	0.013729	mg/L	0.003994	29.1	174.326	0.013729 mg/L	Y 371.029
B 249.772	0.013721	mg/L	0.003540	25.8	368.586	0.013721 mg/L	Y 371.029
Ba 233.527	0.000210	mg/L	0.000115	54.5	172.462	0.000210 mg/L	Y 371.029
Ba 455.403	-0.000261uv	mg/L	0.000018	6.7	4322.80	-0.000261 mg/L	Y 371.029
Ba 493.408	-0.000274uv	mg/L	0.000024	8.7	2618.89	-0.000274 mg/L	Y 371.029
Be 234.861	0.000018	mg/L	0.000012	66.2	-0.217760	0.000018 mg/L	Y 371.029
Be 313.042	-0.000289uv	mg/L	0.000006	1.9	1486.63	-0.000289 mg/L	Y 371.029
Be 313.107	0.000024	mg/L	0.000008	33.5	33.6641	0.000024 mg/L	Y 371.029
Ca 393.366	-0.016412nuv	mg/L	0.000069	0.4	17641.0	-0.016412 mg/L	Y 371.029
Ca 396.847	-0.012397uv	mg/L	0.000040	0.3	24630.7	-0.012397 mg/L	Y 371.029
Ca 430.253	-0.023811uv	mg/L	0.005752	24.2	706.813	-0.023811 mg/L	Y 371.029
Cd 214.439	0.000032uv	mg/L	0.000161	498.7	5.03777	0.000032 mg/L	Y 371.029
Cd 226.502	0.000093	mg/L	0.000050	54.3	17.5098	0.000093 mg/L	Y 371.029
Cd 228.802	0.000162	mg/L	0.000083	51.3	16.6375	0.000162 mg/L	Y 371.029
Co 228.615	0.000436	mg/L	0.000109	25.0	4.58119	0.000436 mg/L	Y 371.029
Co 230.786	0.000126uv	mg/L	0.000221	174.7	5.58166	0.000126 mg/L	Y 371.029
Co 238.892	0.000506	mg/L	0.000050	9.9	5.78847	0.000506 mg/L	Y 371.029
Cr 205.560	0.000017uv	mg/L	0.000340	2046.6	1.81319	0.000017 mg/L	Y 371.029
Cr 206.158	0.000433uv	mg/L	0.000655	151.5	2.54110	0.000433 mg/L	Y 371.029
Cr 267.716	0.000123	mg/L	0.000075	60.9	17.4051	0.000123 mg/L	Y 371.029
Cu 213.598	0.000369	mg/L	0.000302	82.0	1.27547	0.000369 mg/L	Y 371.029
Cu 324.754	-0.001748uv	mg/L	0.000106	6.1	388.453	-0.001748 mg/L	Y 371.029
Cu 327.395	-0.000012uv	mg/L	0.000049	398.8	17.2217	-0.000012 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	-0.000172uv	mg/L	0.001429	832.6	27.5841	-0.000172 mg/L	Y 371.029
Fe 238.204	0.001165	mg/L	0.000312	26.8	48.1603	0.001165 mg/L	Y 371.029
Fe 259.940	0.001225	mg/L	0.000643	52.5	57.4476	0.001225 mg/L	Y 371.029
Ga 287.423	-0.000793uv	mg/L	0.000707	89.1	8.10385	-0.000793 mg/L	Y 371.029
Ga 294.363	0.000959uv	mg/L	0.000940	98.1	14.3275	0.000959 mg/L	Y 371.029
Ga 417.204	0.001581	mg/L	0.000711	45.0	53.0285	0.001581 mg/L	Y 371.029
K 766.491	-0.001165uv	mg/L	0.000801	68.7	1758.40	-0.001165 mg/L	Y 371.029
K 769.897	0.002503	mg/L	0.001205	48.1	8628.10	0.002503 mg/L	Y 371.029
Li 610.365	0.001015	mg/L	0.000127	12.6	-16.1698	0.001015 mg/L	Y 371.029
Li 670.783	0.000531	mg/L	0.000053	9.9	54206.4	0.000531 mg/L	Y 371.029
Mg 279.078	0.007781	mg/L	0.001386	17.8	15.0750	0.007781 mg/L	Y 371.029
Mg 280.270	-0.001975uv	mg/L	0.000019	1.0	308.659	-0.001975 mg/L	Y 371.029
Mg 285.213	-0.001747uv	mg/L	0.000074	4.2	85.1238	-0.001747 mg/L	Y 371.029
Mn 257.610	-0.000021uv	mg/L	0.000042	204.9	6.83492	-0.000021 mg/L	Y 371.029
Mn 259.372	0.000014	mg/L	0.000023	167.3	36.0602	0.000014 mg/L	Y 371.029
Mn 260.568	-0.000059uv	mg/L	0.000013	22.6	3.40092	-0.000059 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.002465	13.1	71.5059	uncal mg/L	Y 371.029
Mo 203.846	0.017015	mg/L	0.003013	17.7	27.5961	0.017015 mg/L	Y 371.029
Mo 204.598	0.017795	mg/L	0.002548	14.3	29.8002	0.017795 mg/L	Y 371.029
Na 568.821	0.931340	mg/L	0.041640	4.5	117.759	0.931340 mg/L	Y 371.029
Na 588.995	-0.235366uv	mg/L	0.000386	0.2	144141	-0.235366 mg/L	Y 371.029
Na 589.592	-0.513989uv	mg/L	0.000360	0.1	57179.8	-0.513989 mg/L	Y 371.029
Ni 216.555	0.000122uv	mg/L	0.000321	263.1	4.00289	0.000122 mg/L	Y 371.029
Ni 221.648	-0.000445uv	mg/L	0.000349	78.3	2.96114	-0.000445 mg/L	Y 371.029
Ni 231.604	-0.000390uv	mg/L	0.000469	120.3	7.02802	-0.000390 mg/L	Y 371.029
P 177.434	0.003151uv	mg/L	0.016168	513.2	0.601594	0.003151 mg/L	Y 371.029
P 213.618	0.002619	mg/L	0.001674	63.9	1.24584	0.002619 mg/L	Y 371.029
P 214.914	0.007677	mg/L	0.001612	21.0	1.05374	0.007677 mg/L	Y 371.029
Pb 220.353	0.000886uv	mg/L	0.001124	126.9	5.45656	0.000886 mg/L	Y 371.029
Pb 261.417	0.007905	mg/L	0.004824	61.0	10.8224	0.007905 mg/L	Y 371.029
Pb 405.781	0.007018	mg/L	0.006711	95.6	94.5602	0.007018 mg/L	Y 371.029
Sb 206.834	-0.001684uv	mg/L	0.002124	126.1	5.26994	-0.001684 mg/L	Y 371.029
Sb 231.146	0.001195uv	mg/L	0.002066	172.9	6.26922	0.001195 mg/L	Y 371.029
Sb 259.804	-0.014888uv	mg/L	0.007244	48.7	6.04928	-0.014888 mg/L	Y 371.029
Se 196.026	0.009792	mg/L	0.004739	48.4	6.38191	0.009792 mg/L	Y 371.029
Se 203.985	0.007246	mg/L	0.006151	84.9	2.79983	0.007246 mg/L	Y 371.029
Si 250.690	0.002260	mg/L	0.001946	86.1	141.005	0.002260 mg/L	Y 371.029
Si 251.611	0.003789	mg/L	0.000697	18.4	158.475	0.003789 mg/L	Y 371.029
Si 288.158	-0.007071uv	mg/L	0.000855	12.1	1371.32	-0.007071 mg/L	Y 371.029
Sn 189.927	0.002170uv	mg/L	0.003410	157.2	2.19286	0.002170 mg/L	Y 371.029
Sn 283.998	0.001760uv	mg/L	0.002158	122.6	10.8830	0.001760 mg/L	Y 371.029
Sr 216.596	0.000194	mg/L	0.000112	58.1	17.9784	0.000194 mg/L	Y 371.029
Sr 407.771	-0.000143uv	mg/L	0.000004	2.7	5355.40	-0.000143 mg/L	Y 371.029
Sr 421.552	-0.000104uv	mg/L	0.000003	2.9	3247.96	-0.000104 mg/L	Y 371.029
Ti 334.941	0.000616	mg/L	0.000227	36.9	248.000	0.000616 mg/L	Y 371.029
Ti 336.122	0.000698	mg/L	0.000451	64.7	71.0702	0.000698 mg/L	Y 371.029
Ti 337.280	0.000766	mg/L	0.000337	44.0	32.5988	0.000766 mg/L	Y 371.029
Tl 190.794	-0.002176uv	mg/L	0.002466	113.3	1.27938	-0.002176 mg/L	Y 371.029
Tl 190.807	0.005345	mg/L	0.001926	36.0	1.48682	0.005345 mg/L	Y 371.029
Tl 351.923	-0.000283uv	mg/L	0.002726	964.2	5.63517	-0.000283 mg/L	Y 371.029
V 268.796	0.001916	mg/L	0.000664	34.6	49.2417	0.001916 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	0.000082uv	mg/L	0.000301	368.3	24.0614	0.000082 mg/L	Y 371.029
V 311.837	0.000177	mg/L	0.000071	39.7	7.86347	0.000177 mg/L	Y 371.029
Zn 202.548	0.003666	mg/L	0.000345	9.4	542.839	0.003666 mg/L	Y 371.029
Zn 206.200	0.002972	mg/L	0.001283	43.2	176.702	0.002972 mg/L	Y 371.029
Zn 213.857	0.001820	mg/L	0.000370	20.3	1064.39	0.001820 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12279	9003.42	58.780	0.7
Y 371.029	0.933519	153944	986.804	0.6

11J1391-08 (Samp) **11/4/2011, 5:45:40 PM** **Rack 4, Tube 17**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 50**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000855	mg/L	0.000270	31.6	367.409	0.042773 mg/L	Y 371.029
Ag 338.289	-0.002362uv	mg/L	0.000507	21.5	-3.38704	-0.118118 mg/L	Y 371.029
Al 237.312	-0.002822uv	mg/L	0.004601	163.0	61.4841	-0.141113 mg/L	Y 371.029
Al 257.509	0.012826	mg/L	0.001936	15.1	23.0665	0.641302 mg/L	Y 371.029
Al 308.215	0.007948	mg/L	0.000251	3.2	644.157	0.397422 mg/L	Y 371.029
As 188.980	0.005583	mg/L	0.001609	28.8	5.59761	0.279140 mg/L	Y 371.029
As 193.696	0.005081uv	mg/L	0.006226	122.5	4.30217	0.254062 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004014	8.1	50.3828	uncal mg/L	Y 371.029
B 182.577	0.005371	mg/L	0.002348	43.7	8.49198	0.268554 mg/L	Y 371.029
B 249.678	0.005236	mg/L	0.000881	16.8	112.294	0.261820 mg/L	Y 371.029
B 249.772	0.006816	mg/L	0.000438	6.4	256.110	0.340815 mg/L	Y 371.029
Ba 233.527	0.000589	mg/L	0.000068	11.6	188.255	0.029435 mg/L	Y 371.029
Ba 455.403	0.000245	mg/L	0.000010	4.0	4870.57	0.012237 mg/L	Y 371.029
Ba 493.408	0.000246	mg/L	0.000010	4.1	2951.76	0.012321 mg/L	Y 371.029
Be 234.861	0.000034	mg/L	0.000001	3.4	0.589706	0.001683 mg/L	Y 371.029
Be 313.042	-0.000280uv	mg/L	0.000006	2.3	1488.35	-0.013996 mg/L	Y 371.029
Be 313.107	0.000038	mg/L	0.000013	33.4	41.8732	0.001890 mg/L	Y 371.029
Ca 393.366	4.54660n	mg/L	0.009137	0.2	5887562	227.330 mg/L	Y 371.029
Ca 396.847	4.25272	mg/L	0.008891	0.2	8485839	212.636 mg/L	Y 371.029
Ca 430.253	4.58029	mg/L	0.008942	0.2	17764.1	229.014 mg/L	Y 371.029
Cd 214.439	0.032457	mg/L	0.000274	0.8	527.857	1.62284 mg/L	Y 371.029
Cd 226.502	0.032618	mg/L	0.000195	0.6	985.922	1.63089 mg/L	Y 371.029
Cd 228.802	0.031432	mg/L	0.000382	1.2	429.746	1.57161 mg/L	Y 371.029
Co 228.615	0.002587	mg/L	0.000369	14.3	22.4278	0.129369 mg/L	Y 371.029
Co 230.786	0.002830	mg/L	0.000062	2.2	20.9333	0.141514 mg/L	Y 371.029
Co 238.892	0.001789	mg/L	0.000293	16.4	11.4340	0.089439 mg/L	Y 371.029
Cr 205.560	0.000965	mg/L	0.000365	37.8	6.09572	0.048258 mg/L	Y 371.029
Cr 206.158	-0.001579uv	mg/L	0.000203	12.9	1.97883	-0.078964 mg/L	Y 371.029
Cr 267.716	-0.000193uv	mg/L	0.000095	49.3	13.8579	-0.009670 mg/L	Y 371.029
Cu 213.598	0.000299	mg/L	0.000468	156.6	1.91319	0.014942 mg/L	Y 371.029
Cu 324.754	-0.000896uv	mg/L	0.000126	14.0	391.039	-0.044824 mg/L	Y 371.029
Cu 327.395	-0.000046uv	mg/L	0.000118	258.5	19.4028	-0.002279 mg/L	Y 371.029
Fe 234.350	0.259067	mg/L	0.001215	0.5	1974.29	12.9534 mg/L	Y 371.029
Fe 238.204	0.256186	mg/L	0.001157	0.5	4252.94	12.8093 mg/L	Y 371.029
Fe 259.940	0.254713	mg/L	0.000695	0.3	3562.08	12.7356 mg/L	Y 371.029
Ga 287.423	-0.001898uv	mg/L	0.002096	110.4	10.1935	-0.094897 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.000635uv	mg/L	0.001171	184.5	13.3129	0.031740 mg/L	Y 371.029
Ga 417.204	0.000957uv	mg/L	0.001365	142.6	48.0101	0.047862 mg/L	Y 371.029
K 766.491	0.617250	mg/L	0.000963	0.2	35714.6	30.8625 mg/L	Y 371.029
K 769.897	0.588884	mg/L	0.001345	0.2	35192.0	29.4442 mg/L	Y 371.029
Li 610.365	0.001268	mg/L	0.000068	5.3	-5.90926	0.063408 mg/L	Y 371.029
Li 670.783	0.001024	mg/L	0.000037	3.6	55793.9	0.051184 mg/L	Y 371.029
Mg 279.078	0.681337	mg/L	0.002179	0.3	899.720	34.0669 mg/L	Y 371.029
Mg 280.270	0.691849	mg/L	0.003969	0.6	63320.3	34.5925 mg/L	Y 371.029
Mg 285.213	0.663183	mg/L	0.005219	0.8	20064.9	33.1591 mg/L	Y 371.029
Mn 257.610	0.125685	mg/L	0.001419	1.1	16972.4	6.28426 mg/L	Y 371.029
Mn 259.372	0.125125	mg/L	0.001814	1.4	12525.5	6.25626 mg/L	Y 371.029
Mn 260.568	0.123872	mg/L	0.000496	0.4	2236.92	6.19358 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001181	14.6	38.0302	uncal mg/L	Y 371.029
Mo 203.846	0.008527	mg/L	0.004476	52.5	17.0822	0.426337 mg/L	Y 371.029
Mo 204.598	0.006482	mg/L	0.002403	37.1	13.1876	0.324085 mg/L	Y 371.029
Na 568.821	1.17449	mg/L	0.011961	1.0	195.775	58.7246 mg/L	Y 371.029
Na 588.995	0.214315	mg/L	0.001022	0.5	336932	10.7157 mg/L	Y 371.029
Na 589.592	-0.067085uv	mg/L	0.000731	1.1	156787	-3.35425 mg/L	Y 371.029
Ni 216.555	-0.000002uv	mg/L	0.000590	24467.7	4.56906	-0.000121 mg/L	Y 371.029
Ni 221.648	-0.000392uv	mg/L	0.000407	103.9	3.66611	-0.019580 mg/L	Y 371.029
Ni 231.604	-0.000148uv	mg/L	0.000166	112.5	8.64556	-0.007389 mg/L	Y 371.029
P 177.434	-0.003276uv	mg/L	0.011421	348.6	0.323527	-0.163822 mg/L	Y 371.029
P 213.618	-0.002584uv	mg/L	0.002767	107.1	-0.527833	-0.129216 mg/L	Y 371.029
P 214.914	0.013206	mg/L	0.006506	49.3	1.81154	0.660286 mg/L	Y 371.029
Pb 220.353	-0.000606uv	mg/L	0.001731	285.6	4.25090	-0.030313 mg/L	Y 371.029
Pb 261.417	0.004658uv	mg/L	0.009902	212.6	9.08439	0.232897 mg/L	Y 371.029
Pb 405.781	0.001158	mg/L	0.001849	159.6	88.6420	0.057924 mg/L	Y 371.029
Sb 206.834	-0.003136uv	mg/L	0.003185	101.6	5.28926	-0.156779 mg/L	Y 371.029
Sb 231.146	-0.005462uv	mg/L	0.001130	20.7	3.35988	-0.273082 mg/L	Y 371.029
Sb 259.804	-0.028867uv	mg/L	0.003069	10.6	2.20975	-1.44337 mg/L	Y 371.029
Se 196.026	0.001378uv	mg/L	0.004477	324.8	4.57254	0.068922 mg/L	Y 371.029
Se 203.985	0.024985	mg/L	0.013302	53.2	5.02740	1.24924 mg/L	Y 371.029
Si 250.690	0.195368	mg/L	0.001211	0.6	367.289	9.76842 mg/L	Y 371.029
Si 251.611	0.189479	mg/L	0.002990	1.6	422.183	9.47395 mg/L	Y 371.029
Si 288.158	0.191984	mg/L	0.002331	1.2	2676.28	9.59920 mg/L	Y 371.029
Sn 189.927	0.004013	mg/L	0.000669	16.7	2.52736	0.200662 mg/L	Y 371.029
Sn 283.998	0.000261uv	mg/L	0.003424	1313.8	9.69325	0.013032 mg/L	Y 371.029
Sr 216.596	0.018733	mg/L	0.000072	0.4	163.895	0.936674 mg/L	Y 371.029
Sr 407.771	0.017768	mg/L	0.000056	0.3	50819.1	0.888420 mg/L	Y 371.029
Sr 421.552	0.018052	mg/L	0.000058	0.3	31870.2	0.902610 mg/L	Y 371.029
Ti 334.941	-0.000177	mg/L	0.000044	25.1	156.288	-0.008839 mg/L	Y 371.029
Ti 336.122	0.000119	mg/L	0.000157	131.5	46.4050	0.005968 mg/L	Y 371.029
Ti 337.280	0.000091	mg/L	0.000066	72.4	20.0326	0.004558 mg/L	Y 371.029
Tl 190.794	-0.002495uv	mg/L	0.002772	111.1	1.42621	-0.124756 mg/L	Y 371.029
Tl 190.807	0.004104	mg/L	0.000842	20.5	1.27860	0.205212 mg/L	Y 371.029
Tl 351.923	0.003205uv	mg/L	0.007786	243.0	10.3851	0.160244 mg/L	Y 371.029
V 268.796	0.000921	mg/L	0.000202	21.9	34.5975	0.046063 mg/L	Y 371.029
V 292.401	-0.000368uv	mg/L	0.000100	27.1	16.4078	-0.018379 mg/L	Y 371.029
V 311.837	0.000108	mg/L	0.000129	118.8	5.38506	0.005412 mg/L	Y 371.029
Zn 202.548	2.19784	mg/L	0.044667	2.0	16274.6	109.892 mg/L	Y 371.029
Zn 206.200	2.17802	mg/L	0.007184	0.3	5244.94	108.901 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	2.10997	mg/L	0.045228	2.1	32108.0	105.499 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12732	9039.76	1.731	0.0
Y 371.029	0.932744	153816	127.370	0.1

11J1391-10 (Samp) **11/4/2011, 5:53:32 PM** **Rack 4, Tube 18**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 50**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001657b	mg/L	0.000047	2.8	370.301	0.082857 mg/L	Y 371.029
Ag 338.289	-0.004274uvb	mg/L	0.000519	12.1	2.49275	-0.213700 mg/L	Y 371.029
Al 237.312	-0.005029uvb	mg/L	0.002160	42.9	38.9191	-0.251474 mg/L	Y 371.029
Al 257.509	-0.050117uvb	mg/L	0.004129	8.2	9.20730	-2.50584 mg/L	Y 371.029
Al 308.215	0.112123b	mg/L	0.000799	0.7	649.260	5.60616 mg/L	Y 371.029
As 188.980	0.011841b	mg/L	0.001343	11.3	5.10177	0.592045 mg/L	Y 371.029
As 193.696	0.004606uvb	mg/L	0.002156	46.8	1.53422	0.230291 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004259	19.6	7.52013	uncal mg/L	Y 371.029
B 182.577	0.014541b	mg/L	0.001563	10.8	16.3680	0.727029 mg/L	Y 371.029
B 249.678	-0.009447uvb	mg/L	0.000589	6.2	62.1900	-0.472366 mg/L	Y 371.029
B 249.772	0.019719b	mg/L	0.000247	1.3	1045.63	0.985925 mg/L	Y 371.029
Ba 233.527	0.000140b	mg/L	0.000111	79.3	194.200	0.007011 mg/L	Y 371.029
Ba 455.403	-0.000080uvb	mg/L	0.000008	9.7	4549.02	-0.003995 mg/L	Y 371.029
Ba 493.408	-0.000477b	mg/L	0.000025	5.3	2842.07	-0.023851 mg/L	Y 371.029
Be 234.861	0.000660uvb	mg/L	0.001226	185.8	-125.328	0.032996 mg/L	Y 371.029
Be 313.042	-0.000018uvb	mg/L	0.000005	26.1	1621.19	-0.000886 mg/L	Y 371.029
Be 313.107	0.000174b	mg/L	0.000011	6.5	89.8294	0.008719 mg/L	Y 371.029
Ca 393.366	8.24426nb	mg/L	0.016412	0.2	10700409	412.213 mg/L	Y 371.029
Ca 396.847	7.93531b	mg/L	0.017306	0.2	15860969	396.765 mg/L	Y 371.029
Ca 430.253	8.58007b	mg/L	0.016656	0.2	33436.9	429.004 mg/L	Y 371.029
Cd 214.439	0.003372b	mg/L	0.000121	3.6	80.9128	0.168590 mg/L	Y 371.029
Cd 226.502	0.002962b	mg/L	0.000012	0.4	268.484	0.148077 mg/L	Y 371.029
Cd 228.802	0.001962b	mg/L	0.000264	13.5	56.1236	0.098103 mg/L	Y 371.029
Co 228.615	-0.006674b	mg/L	0.000202	3.0	83.9470	-0.333704 mg/L	Y 371.029
Co 230.786	-0.008412b	mg/L	0.000474	5.6	77.5096	-0.420588 mg/L	Y 371.029
Co 238.892	0.011577uvb	mg/L	0.001945	16.8	-172.464	0.578831 mg/L	Y 371.029
Cr 205.560	-0.010002uvb	mg/L	0.000197	2.0	1.93809	-0.500114 mg/L	Y 371.029
Cr 206.158	-0.024514b	mg/L	0.012222	49.9	34.3803	-1.22569 mg/L	Y 371.029
Cr 267.716	-0.007537b	mg/L	0.000077	1.0	18.9195	-0.376857 mg/L	Y 371.029
Cu 213.598	-0.008816b	mg/L	0.000680	7.7	52.2887	-0.440809 mg/L	Y 371.029
Cu 324.754	0.006180uvb	mg/L	0.000020	0.3	331.598	0.308995 mg/L	Y 371.029
Cu 327.395	-0.009753uvb	mg/L	0.000109	1.1	21.1198	-0.487651 mg/L	Y 371.029
Fe 234.350	49.5935b	mg/L	0.348707	0.7	365879	2479.68 mg/L	Y 371.029
Fe 238.204	47.1326b	mg/L	0.569795	1.2	761667	2356.63 mg/L	Y 371.029
Fe 259.940	47.2929b	mg/L	0.964029	2.0	641589	2364.64 mg/L	Y 371.029
Ga 287.423	-0.161205b	mg/L	0.002004	1.2	394.032	-8.06027 mg/L	Y 371.029
Ga 294.363	-0.007712b	mg/L	0.000086	1.1	26.4940	-0.385611 mg/L	Y 371.029
Ga 417.204	-0.001476b	mg/L	0.000717	48.6	170.303	-0.073820 mg/L	Y 371.029
K 766.491	0.289052b	mg/L	0.001083	0.4	18787.7	14.4526 mg/L	Y 371.029
K 769.897	0.310336b	mg/L	0.001454	0.5	22122.7	15.5168 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.002046b	mg/L	0.000082	4.0	25.6532	0.102316 mg/L	Y 371.029
Li 670.783	-0.000734b	mg/L	0.000074	10.1	57970.3	-0.036704 mg/L	Y 371.029
Mg 279.078	10.7214b	mg/L	0.020266	0.2	14097.2	536.070 mg/L	Y 371.029
Mg 280.270	10.5268b	mg/L	0.016011	0.2	956935	526.340 mg/L	Y 371.029
Mg 285.213	10.9451b	mg/L	0.141892	1.3	329151	547.253 mg/L	Y 371.029
Mn 257.610	1.66584b	mg/L	0.011784	0.7	225076	83.2918 mg/L	Y 371.029
Mn 259.372	1.65543b	mg/L	0.014537	0.9	171521	82.7716 mg/L	Y 371.029
Mn 260.568	1.65702b	mg/L	0.014233	0.9	29927.2	82.8511 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001342	7.5	21.7016	uncal mg/L	Y 371.029
Mo 203.846	0.018109b	mg/L	0.001086	6.0	11.9333	0.905431 mg/L	Y 371.029
Mo 204.598	0.016982b	mg/L	0.001951	11.5	7.68423	0.849093 mg/L	Y 371.029
Na 568.821	3.79158b	mg/L	0.037218	1.0	1061.56	189.579 mg/L	Y 371.029
Na 588.995	4.69435b	mg/L	0.018599	0.4	2261666	234.717 mg/L	Y 371.029
Na 589.592	4.24800b	mg/L	0.019123	0.5	1127536	212.400 mg/L	Y 371.029
Ni 216.555	-0.028936b	mg/L	0.000658	2.3	41.0624	-1.44680 mg/L	Y 371.029
Ni 221.648	-0.034369b	mg/L	0.000526	1.5	11.0251	-1.71847 mg/L	Y 371.029
Ni 231.604	-0.030503b	mg/L	0.000220	0.7	24.2796	-1.52513 mg/L	Y 371.029
P 177.434	0.012236b	mg/L	0.005122	41.9	0.918226	0.611790 mg/L	Y 371.029
P 213.618	-0.036959b	mg/L	0.004854	13.1	2.60536	-1.84796 mg/L	Y 371.029
P 214.914	0.034713b	mg/L	0.019125	55.1	6.53769	1.73564 mg/L	Y 371.029
Pb 220.353	-0.008090uvb	mg/L	0.001596	19.7	1.88138	-0.404480 mg/L	Y 371.029
Pb 261.417	0.025776b	mg/L	0.009581	37.2	13.1128	1.28881 mg/L	Y 371.029
Pb 405.781	-0.012797uvb	mg/L	0.005071	39.6	68.3436	-0.639841 mg/L	Y 371.029
Sb 206.834	-0.027815uvb	mg/L	0.002284	8.2	6.72475	-1.39073 mg/L	Y 371.029
Sb 231.146	0.024141uvb	mg/L	0.005683	23.5	3.86652	1.20705 mg/L	Y 371.029
Sb 259.804	-0.132245b	mg/L	0.021983	16.6	30.7621	-6.61225 mg/L	Y 371.029
Se 196.026	0.003049uvb	mg/L	0.003965	130.0	3.35656	0.152465 mg/L	Y 371.029
Se 203.985	0.017658uvb	mg/L	0.009568	54.2	1.75181	0.882922 mg/L	Y 371.029
Si 250.690	0.391757b	mg/L	0.004020	1.0	619.527	19.5879 mg/L	Y 371.029
Si 251.611	0.379831b	mg/L	0.006011	1.6	726.201	18.9915 mg/L	Y 371.029
Si 288.158	0.450517b	mg/L	0.002308	0.5	4105.11	22.5259 mg/L	Y 371.029
Sn 189.927	0.003859uvb	mg/L	0.002328	60.3	2.11456	0.192940 mg/L	Y 371.029
Sn 283.998	-0.033526uvb	mg/L	0.001895	5.7	3.79917	-1.67632 mg/L	Y 371.029
Sr 216.596	0.035398b	mg/L	0.000196	0.6	374.033	1.76988 mg/L	Y 371.029
Sr 407.771	0.038505b	mg/L	0.000230	0.6	103486	1.92526 mg/L	Y 371.029
Sr 421.552	0.039058b	mg/L	0.000335	0.9	65151.9	1.95291 mg/L	Y 371.029
Ti 334.941	-0.009205uvb	mg/L	0.000131	1.4	109.842	-0.460268 mg/L	Y 371.029
Ti 336.122	-0.008404uvb	mg/L	0.000114	1.4	18.9519	-0.420207 mg/L	Y 371.029
Ti 337.280	-0.006568uvb	mg/L	0.000313	4.8	18.9339	-0.328410 mg/L	Y 371.029
Tl 190.794	-0.029713uvb	mg/L	0.000839	2.8	-0.112792	-1.48567 mg/L	Y 371.029
Tl 190.807	-0.004910uvb	mg/L	0.006273	127.8	1.11486	-0.245498 mg/L	Y 371.029
Tl 351.923	-0.004966b	mg/L	0.004853	97.7	11.1698	-0.248293 mg/L	Y 371.029
V 268.796	-0.003650b	mg/L	0.000418	11.4	30.3024	-0.182517 mg/L	Y 371.029
V 292.401	-0.010781b	mg/L	0.000020	0.2	28.6865	-0.539061 mg/L	Y 371.029
V 311.837	-0.005036b	mg/L	0.000061	1.2	8.47195	-0.251820 mg/L	Y 371.029
Zn 202.548	51.1450b	mg/L	1.27343	2.5	367144	2557.25 mg/L	Y 371.029
Zn 206.200	52.7964b	mg/L	1.71313	3.2	123169	2639.82 mg/L	Y 371.029
Zn 213.857	45.3572b	mg/L	0.682165	1.5	668902	2267.86 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12852	9049.35	26.006	0.3
Y 371.029	0.932723	153813	352.319	0.2

11J1391-11 (Samp) **11/4/2011, 5:57:49 PM** **Rack 4, Tube 19**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.001011	mg/L	0.000090	8.9	368.369	-0.010112 mg/L	Y 371.029
Ag 338.289	-0.000208	mg/L	0.000103	49.6	4.38279	-0.002077 mg/L	Y 371.029
Al 237.312	-0.014680uv	mg/L	0.002829	19.3	47.0063	-0.146800 mg/L	Y 371.029
Al 257.509	-0.017672uv	mg/L	0.002928	16.6	14.5481	-0.176720 mg/L	Y 371.029
Al 308.215	0.030133	mg/L	0.000848	2.8	644.384	0.301328 mg/L	Y 371.029
As 188.980	0.006919uv	mg/L	0.008921	128.9	4.42704	0.069189 mg/L	Y 371.029
As 193.696	0.001405uv	mg/L	0.001882	133.9	2.03220	0.014053 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004298	0.6	737.016	uncal mg/L	Y 371.029
B 182.577	0.041552	mg/L	0.002570	6.2	24.2981	0.415517 mg/L	Y 371.029
B 249.678	0.033643	mg/L	0.001056	3.1	350.665	0.336433 mg/L	Y 371.029
B 249.772	0.040474	mg/L	0.000906	2.2	1027.99	0.404740 mg/L	Y 371.029
Ba 233.527	0.002128	mg/L	0.000024	1.1	255.180	0.021277 mg/L	Y 371.029
Ba 455.403	0.001884	mg/L	0.000019	1.0	6500.46	0.018837 mg/L	Y 371.029
Ba 493.408	0.001730	mg/L	0.000050	2.9	3928.44	0.017299 mg/L	Y 371.029
Be 234.861	0.000717	mg/L	0.000054	7.6	7.46073	0.007167 mg/L	Y 371.029
Be 313.042	-0.000227uv	mg/L	0.000005	2.0	1540.78	-0.002270 mg/L	Y 371.029
Be 313.107	0.000025	mg/L	0.000012	46.8	34.6778	0.000253 mg/L	Y 371.029
Ca 393.366	8.58884n	mg/L	0.042298	0.5	11096098	85.8884 mg/L	Y 371.029
Ca 396.847	8.26363	mg/L	0.040632	0.5	16452640	82.6363 mg/L	Y 371.029
Ca 430.253	9.26167	mg/L	0.069514	0.8	35377.2	92.6167 mg/L	Y 371.029
Cd 214.439	0.572335	mg/L	0.004166	0.7	9223.27	5.72335 mg/L	Y 371.029
Cd 226.502	0.563227	mg/L	0.003405	0.6	16744.6	5.63227 mg/L	Y 371.029
Cd 228.802	0.544272	mg/L	0.003820	0.7	7191.35	5.44272 mg/L	Y 371.029
Co 228.615	-0.002171	mg/L	0.000154	7.1	25.9810	-0.021708 mg/L	Y 371.029
Co 230.786	-0.002136	mg/L	0.000400	18.7	28.3488	-0.021365 mg/L	Y 371.029
Co 238.892	0.014861uv	mg/L	0.001024	6.9	5.37686	0.148614 mg/L	Y 371.029
Cr 205.560	-0.002566	mg/L	0.000277	10.8	2.68742	-0.025657 mg/L	Y 371.029
Cr 206.158	-0.001630	mg/L	0.001118	68.6	8.69085	-0.016302 mg/L	Y 371.029
Cr 267.716	-0.002443	mg/L	0.000037	1.5	16.0248	-0.024430 mg/L	Y 371.029
Cu 213.598	-0.003347	mg/L	0.000174	5.2	17.5924	-0.033465 mg/L	Y 371.029
Cu 324.754	-0.000443uv	mg/L	0.000184	41.6	380.987	-0.004427 mg/L	Y 371.029
Cu 327.395	-0.003666uv	mg/L	0.000035	0.9	18.3906	-0.036663 mg/L	Y 371.029
Fe 234.350	16.1130	mg/L	0.154393	1.0	118784	161.130 mg/L	Y 371.029
Fe 238.204	15.9065	mg/L	0.188245	1.2	256790	159.065 mg/L	Y 371.029
Fe 259.940	15.9352	mg/L	0.157133	1.0	215945	159.352 mg/L	Y 371.029
Ga 287.423	-0.057593	mg/L	0.000971	1.7	122.938	-0.575932 mg/L	Y 371.029
Ga 294.363	-0.001896	mg/L	0.000418	22.0	15.4720	-0.018964 mg/L	Y 371.029
Ga 417.204	0.000434	mg/L	0.001973	454.6	85.1583	0.004341 mg/L	Y 371.029
K 766.491	2.48748	mg/L	0.015687	0.6	138594	24.8748 mg/L	Y 371.029
K 769.897	2.34121	mg/L	0.012978	0.6	115314	23.4121 mg/L	Y 371.029
Li 610.365	0.002057	mg/L	0.000132	6.4	26.0678	0.020565 mg/L	Y 371.029
Li 670.783	0.000895	mg/L	0.000033	3.7	58421.3	0.008947 mg/L	Y 371.029
Mg 279.078	10.0174	mg/L	0.057567	0.6	13167.5	100.174 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	9.85635	mg/L	0.095351	1.0	894661	98.5635 mg/L	Y 371.029
Mg 285.213	10.4035	mg/L	0.214019	2.1	312444	104.035 mg/L	Y 371.029
Mn 257.610	0.527515	mg/L	0.005730	1.1	71267.9	5.27515 mg/L	Y 371.029
Mn 259.372	0.522259	mg/L	0.004679	0.9	54252.8	5.22259 mg/L	Y 371.029
Mn 260.568	0.521600	mg/L	0.001019	0.2	9447.05	5.21600 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000613	1.5	19.1097	uncal mg/L	Y 371.029
Mo 203.846	-0.044429	mg/L	0.001385	3.1	8.95172	-0.444288 mg/L	Y 371.029
Mo 204.598	-0.046480uv	mg/L	0.001241	2.7	4.94059	-0.464803 mg/L	Y 371.029
Na 568.821	81.9202	mg/L	0.495017	0.6	21800.4	819.202 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.406571	0.6	28033574	- mg/L	Y 371.029
Na 589.592	83.2132	mg/L	0.351621	0.4	18538642	832.132 mg/L	Y 371.029
Ni 216.555	-0.009736	mg/L	0.000436	4.5	14.1144	-0.097359 mg/L	Y 371.029
Ni 221.648	-0.011481uv	mg/L	0.000744	6.5	4.79479	-0.114806 mg/L	Y 371.029
Ni 231.604	-0.009096	mg/L	0.000723	7.9	15.1218	-0.090965 mg/L	Y 371.029
P 177.434	0.001731uv	mg/L	0.001091	63.0	0.502661	0.017308 mg/L	Y 371.029
P 213.618	-0.010416	mg/L	0.000280	2.7	0.650700	-0.104164 mg/L	Y 371.029
P 214.914	0.007716	mg/L	0.010675	138.3	2.08363	0.077160 mg/L	Y 371.029
Pb 220.353	-0.002622uv	mg/L	0.001826	69.6	2.91977	-0.026219 mg/L	Y 371.029
Pb 261.417	-0.019811uv	mg/L	0.004384	22.1	4.37280	-0.198107 mg/L	Y 371.029
Pb 405.781	-0.016127uv	mg/L	0.003684	22.8	80.7431	-0.161266 mg/L	Y 371.029
Sb 206.834	-0.016634uv	mg/L	0.001841	11.1	3.30004	-0.166337 mg/L	Y 371.029
Sb 231.146	-0.005085uv	mg/L	0.002841	55.9	0.800813	-0.050851 mg/L	Y 371.029
Sb 259.804	-0.054674uv	mg/L	0.008045	14.7	9.01930	-0.546740 mg/L	Y 371.029
Se 196.026	-0.000218uv	mg/L	0.009836	4512.0	3.68876	-0.002180 mg/L	Y 371.029
Se 203.985	-0.000560uv	mg/L	0.001467	261.7	0.548391	-0.005603 mg/L	Y 371.029
Si 250.690	1.29594	mg/L	0.011105	0.9	1664.38	12.9594 mg/L	Y 371.029
Si 251.611	1.26042	mg/L	0.004518	0.4	1916.71	12.6042 mg/L	Y 371.029
Si 288.158	1.31890	mg/L	0.006589	0.5	9964.28	13.1890 mg/L	Y 371.029
Sn 189.927	0.002956	mg/L	0.003241	109.7	2.60311	0.029556 mg/L	Y 371.029
Sn 283.998	-0.011436uv	mg/L	0.002310	20.2	7.17011	-0.114356 mg/L	Y 371.029
Sr 216.596	0.065543	mg/L	0.000823	1.3	551.193	0.655432 mg/L	Y 371.029
Sr 407.771	0.062957	mg/L	0.000330	0.5	165154	0.629567 mg/L	Y 371.029
Sr 421.552	0.063617	mg/L	0.000358	0.6	103520	0.636172 mg/L	Y 371.029
Ti 334.941	-0.001492uv	mg/L	0.000071	4.8	99.0922	-0.014922 mg/L	Y 371.029
Ti 336.122	-0.001307uv	mg/L	0.000140	10.7	12.4871	-0.013074 mg/L	Y 371.029
Ti 337.280	-0.001399uv	mg/L	0.000147	10.5	9.78563	-0.013989 mg/L	Y 371.029
Tl 190.794	0.000355uv	mg/L	0.004726	1333.0	2.41779	0.003545 mg/L	Y 371.029
Tl 190.807	-0.004705uv	mg/L	0.006163	131.0	0.114060	-0.047053 mg/L	Y 371.029
Tl 351.923	0.005866	mg/L	0.001342	22.9	9.74070	0.058664 mg/L	Y 371.029
V 268.796	-0.007179	mg/L	0.000540	7.5	27.4663	-0.071787 mg/L	Y 371.029
V 292.401	-0.002653uv	mg/L	0.000254	9.6	25.8435	-0.026531 mg/L	Y 371.029
V 311.837	-0.001670	mg/L	0.000114	6.8	10.1068	-0.016696 mg/L	Y 371.029
Zn 202.548	4.63055	mg/L	0.097748	2.1	33786.8	46.3055 mg/L	Y 371.029
Zn 206.200	4.58143	mg/L	0.095697	2.1	10868.1	45.8143 mg/L	Y 371.029
Zn 213.857	4.46774	mg/L	0.135520	3.0	66987.5	44.6774 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.11830	8967.42	50.663	0.6
Y 371.029	0.920944	151870	632.562	0.4

111103A. All Data Report 11/7/2011, 16:06:17

11J1391-14 (Samp) **11/4/2011, 6:01:54 PM** **Rack 4, Tube 20**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 50**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000563	mg/L	0.000090	15.9	353.368	0.028141 mg/L	Y 371.029
Ag 338.289	0.001036	mg/L	0.001377	133.0	7.98967	0.051791 mg/L	Y 371.029
Al 237.312	-0.007074uv	mg/L	0.004266	60.3	53.5248	-0.353675 mg/L	Y 371.029
Al 257.509	0.004306	mg/L	0.001061	24.6	21.0313	0.215304 mg/L	Y 371.029
Al 308.215	0.020355	mg/L	0.000992	4.9	636.532	1.01775 mg/L	Y 371.029
As 188.980	-0.001076uv	mg/L	0.001528	142.1	3.38563	-0.053800 mg/L	Y 371.029
As 193.696	-0.001456uv	mg/L	0.002618	179.9	1.84291	-0.072780 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004006	1.5	263.242	uncal mg/L	Y 371.029
B 182.577	0.003697	mg/L	0.001620	43.8	8.31169	0.184833 mg/L	Y 371.029
B 249.678	0.001953	mg/L	0.001091	55.9	95.5261	0.097628 mg/L	Y 371.029
B 249.772	0.006917	mg/L	0.000327	4.7	334.996	0.345854 mg/L	Y 371.029
Ba 233.527	0.000083	mg/L	0.000052	62.1	174.823	0.004170 mg/L	Y 371.029
Ba 455.403	-0.000176uv	mg/L	0.000016	9.3	4488.68	-0.008812 mg/L	Y 371.029
Ba 493.408	-0.000260uv	mg/L	0.000025	9.6	2721.27	-0.013001 mg/L	Y 371.029
Be 234.861	0.000324	mg/L	0.000034	10.6	4.62651	0.016183 mg/L	Y 371.029
Be 313.042	-0.000243uv	mg/L	0.000003	1.4	1510.92	-0.012150 mg/L	Y 371.029
Be 313.107	0.000036	mg/L	0.000002	5.7	34.2155	0.001800 mg/L	Y 371.029
Ca 393.366	5.81788n	mg/L	0.016998	0.3	7529879	290.894 mg/L	Y 371.029
Ca 396.847	5.48293	mg/L	0.013507	0.2	10934896	274.146 mg/L	Y 371.029
Ca 430.253	5.95018	mg/L	0.028631	0.5	22947.2	297.509 mg/L	Y 371.029
Cd 214.439	0.201931	mg/L	0.000478	0.2	3259.41	10.0966 mg/L	Y 371.029
Cd 226.502	0.201443	mg/L	0.001376	0.7	6010.94	10.0721 mg/L	Y 371.029
Cd 228.802	0.191592	mg/L	0.001145	0.6	2543.45	9.57962 mg/L	Y 371.029
Co 228.615	0.000612	mg/L	0.000063	10.3	24.4816	0.030614 mg/L	Y 371.029
Co 230.786	0.000720	mg/L	0.000173	24.1	25.0649	0.035995 mg/L	Y 371.029
Co 238.892	0.006384uv	mg/L	0.000582	9.1	4.00325	0.319215 mg/L	Y 371.029
Cr 205.560	-0.000990	mg/L	0.000226	22.8	3.76433	-0.049496 mg/L	Y 371.029
Cr 206.158	-0.004268	mg/L	0.001287	30.1	6.36357	-0.213384 mg/L	Y 371.029
Cr 267.716	-0.001146uv	mg/L	0.000162	14.1	15.1426	-0.057300 mg/L	Y 371.029
Cu 213.598	-0.001251	mg/L	0.000834	66.7	7.55008	-0.062572 mg/L	Y 371.029
Cu 324.754	0.000104uv	mg/L	0.000231	221.9	385.623	0.005206 mg/L	Y 371.029
Cu 327.395	-0.001305uv	mg/L	0.000240	18.4	21.7634	-0.065246 mg/L	Y 371.029
Fe 234.350	6.81415	mg/L	0.032874	0.5	50323.9	340.707 mg/L	Y 371.029
Fe 238.204	6.68683	mg/L	0.061888	0.9	108143	334.342 mg/L	Y 371.029
Fe 259.940	6.58630	mg/L	0.181408	2.8	89433.9	329.315 mg/L	Y 371.029
Ga 287.423	-0.027718	mg/L	0.002696	9.7	51.2058	-1.38588 mg/L	Y 371.029
Ga 294.363	-0.001543uv	mg/L	0.000739	47.9	8.56349	-0.077154 mg/L	Y 371.029
Ga 417.204	-0.000389	mg/L	0.001066	273.9	54.8088	-0.019459 mg/L	Y 371.029
K 766.491	0.377753	mg/L	0.001540	0.4	22737.7	18.8877 mg/L	Y 371.029
K 769.897	0.364179	mg/L	0.002470	0.7	24983.0	18.2090 mg/L	Y 371.029
Li 610.365	0.001662	mg/L	0.000126	7.6	10.0535	0.083086 mg/L	Y 371.029
Li 670.783	0.000869	mg/L	0.000071	8.2	56347.9	0.043455 mg/L	Y 371.029
Mg 279.078	2.44903	mg/L	0.018500	0.8	3223.01	122.451 mg/L	Y 371.029
Mg 280.270	2.45897	mg/L	0.017260	0.7	223798	122.948 mg/L	Y 371.029
Mg 285.213	2.44585	mg/L	0.011884	0.5	73630.4	122.292 mg/L	Y 371.029
Mn 257.610	0.382359	mg/L	0.001545	0.4	51642.8	19.1179 mg/L	Y 371.029
Mn 259.372	0.380167	mg/L	0.000704	0.2	38794.8	19.0083 mg/L	Y 371.029
Mn 260.568	0.384423	mg/L	0.004118	1.1	6939.98	19.2212 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	uncal	mg/L	0.000513	24.5	16.4236	uncal mg/L	Y 371.029
Mo 203.846	0.000902uv	mg/L	0.001789	198.3	6.83675	0.045124 mg/L	Y 371.029
Mo 204.598	0.001413uv	mg/L	0.001221	86.4	4.71968	0.070639 mg/L	Y 371.029
Na 568.821	3.16759	mg/L	0.115171	3.6	750.760	158.380 mg/L	Y 371.029
Na 588.995	3.35925	mg/L	0.021103	0.6	1679576	167.963 mg/L	Y 371.029
Na 589.592	2.98341	mg/L	0.020374	0.7	832412	149.170 mg/L	Y 371.029
Ni 216.555	-0.002840	mg/L	0.000122	4.3	14.0438	-0.141978 mg/L	Y 371.029
Ni 221.648	-0.003616	mg/L	0.000419	11.6	6.94761	-0.180815 mg/L	Y 371.029
Ni 231.604	-0.002317	mg/L	0.000060	2.6	16.3395	-0.115844 mg/L	Y 371.029
P 177.434	0.002744uv	mg/L	0.009040	329.5	0.560083	0.137189 mg/L	Y 371.029
P 213.618	-0.003917	mg/L	0.002139	54.6	1.49370	-0.195860 mg/L	Y 371.029
P 214.914	0.009142	mg/L	0.007261	79.4	1.36702	0.457107 mg/L	Y 371.029
Pb 220.353	-0.001255uv	mg/L	0.000109	8.7	4.20049	-0.062727 mg/L	Y 371.029
Pb 261.417	0.003577uv	mg/L	0.003452	96.5	7.90951	0.178852 mg/L	Y 371.029
Pb 405.781	-0.001076uv	mg/L	0.009608	892.8	86.1839	-0.053809 mg/L	Y 371.029
Sb 206.834	-0.008395uv	mg/L	0.001861	22.2	4.43450	-0.419738 mg/L	Y 371.029
Sb 231.146	-0.003541uv	mg/L	0.003523	99.5	2.79518	-0.177062 mg/L	Y 371.029
Sb 259.804	-0.040471uv	mg/L	0.008797	21.7	6.65737	-2.02353 mg/L	Y 371.029
Se 196.026	-0.002923uv	mg/L	0.005952	203.6	3.44514	-0.146133 mg/L	Y 371.029
Se 203.985	0.001797uv	mg/L	0.012434	691.9	1.60284	0.089863 mg/L	Y 371.029
Si 250.690	0.230776	mg/L	0.001232	0.5	411.623	11.5388 mg/L	Y 371.029
Si 251.611	0.225891	mg/L	0.000835	0.4	479.076	11.2946 mg/L	Y 371.029
Si 288.158	0.233640	mg/L	0.003547	1.5	2919.41	11.6820 mg/L	Y 371.029
Sn 189.927	0.002023	mg/L	0.000995	49.2	2.07127	0.101151 mg/L	Y 371.029
Sn 283.998	-0.004508uv	mg/L	0.002504	55.5	8.79522	-0.225383 mg/L	Y 371.029
Sr 216.596	0.021412	mg/L	0.000075	0.3	195.741	1.07059 mg/L	Y 371.029
Sr 407.771	0.021027	mg/L	0.000036	0.2	59143.5	1.05135 mg/L	Y 371.029
Sr 421.552	0.021295	mg/L	0.000019	0.1	37036.6	1.06475 mg/L	Y 371.029
Ti 334.941	-0.001604uv	mg/L	0.000030	1.9	97.1597	-0.080194 mg/L	Y 371.029
Ti 336.122	-0.001171	mg/L	0.000093	7.9	26.2643	-0.058547 mg/L	Y 371.029
Ti 337.280	-0.001033uv	mg/L	0.000263	25.5	12.2745	-0.051635 mg/L	Y 371.029
Tl 190.794	-0.001142	mg/L	0.001695	148.4	2.61064	-0.057076 mg/L	Y 371.029
Tl 190.807	0.005463uv	mg/L	0.006519	119.3	1.61192	0.273172 mg/L	Y 371.029
Tl 351.923	0.002760	mg/L	0.002035	73.8	10.9438	0.137994 mg/L	Y 371.029
V 268.796	-0.000050	mg/L	0.000280	558.1	25.7166	-0.002510 mg/L	Y 371.029
V 292.401	-0.001563uv	mg/L	0.000084	5.4	23.1565	-0.078146 mg/L	Y 371.029
V 311.837	-0.000530	mg/L	0.000053	9.9	7.90938	-0.026504 mg/L	Y 371.029
Zn 202.548	8.47181	mg/L	0.092826	1.1	61254.5	423.591 mg/L	Y 371.029
Zn 206.200	8.47186	mg/L	0.122877	1.5	19909.4	423.593 mg/L	Y 371.029
Zn 213.857	8.12059	mg/L	0.022040	0.3	120616	406.030 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14872	9211.33	5.432	0.1
Y 371.029	0.947709	156284	353.472	0.2

11J1391-16 (Samp)	**11/4/2011, 6:05:52 PM**	**Rack 4, Tube 21**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 5**

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000166	mg/L	0.000445	268.0	354.137	0.000830 mg/L	Y 371.029
Ag 338.289	-0.000236uv	mg/L	0.001421	601.0	3.27679	-0.001182 mg/L	Y 371.029
Al 237.312	-0.003303uv	mg/L	0.005211	157.7	62.9808	-0.016517 mg/L	Y 371.029
Al 257.509	0.011775	mg/L	0.005852	49.7	22.2957	0.058876 mg/L	Y 371.029
Al 308.215	0.012398	mg/L	0.001168	9.4	643.937	0.061991 mg/L	Y 371.029
As 188.980	0.002515	mg/L	0.001619	64.4	4.64576	0.012573 mg/L	Y 371.029
As 193.696	-0.002092uv	mg/L	0.003567	170.5	1.88339	-0.010461 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.027817	8.5	377.899	uncal mg/L	Y 371.029
B 182.577	0.034455	mg/L	0.001940	5.6	21.2399	0.172277 mg/L	Y 371.029
B 249.678	0.028549	mg/L	0.001027	3.6	299.016	0.142744 mg/L	Y 371.029
B 249.772	0.029798	mg/L	0.000391	1.3	650.053	0.148991 mg/L	Y 371.029
Ba 233.527	0.006294	mg/L	0.000074	1.2	387.824	0.031468 mg/L	Y 371.029
Ba 455.403	0.005751	mg/L	0.000079	1.4	10280.2	0.028755 mg/L	Y 371.029
Ba 493.408	0.005840	mg/L	0.000093	1.6	6149.98	0.029200 mg/L	Y 371.029
Be 234.861	0.000033	mg/L	0.000007	20.9	1.33149	0.000164 mg/L	Y 371.029
Be 313.042	-0.000274uv	mg/L	0.000013	4.9	1489.44	-0.001371 mg/L	Y 371.029
Be 313.107	0.000023	mg/L	0.000011	49.7	30.9155	0.000115 mg/L	Y 371.029
Ca 393.366	15.0484n	mg/L	0.186985	1.2	19392558	75.2419 mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.289912	1.9	30382226	- mg/L	Y 371.029
Ca 430.253	17.9307	mg/L	0.163190	0.9	67141.4	89.6534 mg/L	Y 371.029
Cd 214.439	0.330840	mg/L	0.003207	1.0	5332.62	1.65420 mg/L	Y 371.029
Cd 226.502	0.326104	mg/L	0.002831	0.9	9686.76	1.63052 mg/L	Y 371.029
Cd 228.802	0.312535	mg/L	0.004691	1.5	4136.63	1.56267 mg/L	Y 371.029
Co 228.615	0.001200	mg/L	0.000224	18.6	9.86439	0.006000 mg/L	Y 371.029
Co 230.786	0.000939	mg/L	0.000350	37.2	10.5004	0.004694 mg/L	Y 371.029
Co 238.892	-0.000064uv	mg/L	0.000498	776.7	3.50062	-0.000321 mg/L	Y 371.029
Cr 205.560	0.000215	mg/L	0.000638	297.0	4.07564	0.001073 mg/L	Y 371.029
Cr 206.158	-0.001790uv	mg/L	0.001114	62.3	2.38208	-0.008948 mg/L	Y 371.029
Cr 267.716	-0.000085	mg/L	0.000072	84.6	17.2569	-0.000424 mg/L	Y 371.029
Cu 213.598	0.001188	mg/L	0.000422	35.5	4.77423	0.005938 mg/L	Y 371.029
Cu 324.754	-0.000088uv	mg/L	0.000172	194.9	395.519	-0.000442 mg/L	Y 371.029
Cu 327.395	0.000232	mg/L	0.000188	80.9	32.7577	0.001159 mg/L	Y 371.029
Fe 234.350	0.044941	mg/L	0.001081	2.4	422.823	0.224706 mg/L	Y 371.029
Fe 238.204	0.043482	mg/L	0.001032	2.4	886.777	0.217409 mg/L	Y 371.029
Fe 259.940	0.043205	mg/L	0.000512	1.2	746.532	0.216023 mg/L	Y 371.029
Ga 287.423	-0.002512uv	mg/L	0.000512	20.4	6.32968	-0.012558 mg/L	Y 371.029
Ga 294.363	0.000285	mg/L	0.000155	54.4	9.89561	0.001425 mg/L	Y 371.029
Ga 417.204	0.001597	mg/L	0.000282	17.7	49.1708	0.007983 mg/L	Y 371.029
K 766.491	1.62469	mg/L	0.007431	0.5	91017.3	8.12344 mg/L	Y 371.029
K 769.897	1.53153	mg/L	0.010131	0.7	77959.2	7.65763 mg/L	Y 371.029
Li 610.365	0.002436	mg/L	0.000109	4.5	41.4727	0.012182 mg/L	Y 371.029
Li 670.783	0.001930	mg/L	0.000091	4.7	58406.2	0.009651 mg/L	Y 371.029
Mg 279.078	1.29230	mg/L	0.011890	0.9	1702.11	6.46148 mg/L	Y 371.029
Mg 280.270	1.29836	mg/L	0.006389	0.5	118399	6.49178 mg/L	Y 371.029
Mg 285.213	1.27229	mg/L	0.006876	0.5	38358.0	6.36145 mg/L	Y 371.029
Mn 257.610	0.076762	mg/L	0.000264	0.3	10374.1	0.383808 mg/L	Y 371.029
Mn 259.372	0.075964	mg/L	0.000421	0.6	7628.10	0.379819 mg/L	Y 371.029
Mn 260.568	0.075864	mg/L	0.001343	1.8	1378.68	0.379320 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001013	158.5	16.8502	uncal mg/L	Y 371.029
Mo 203.846	-0.002003uv	mg/L	0.001489	74.4	6.54142	-0.010015 mg/L	Y 371.029
Mo 204.598	-0.000252	mg/L	0.001086	431.6	6.10399	-0.001258 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	2.72445	mg/L	0.009795	0.4	630.494	13.6222 mg/L	Y 371.029
Na 588.995	2.59854	mg/L	0.021031	0.8	1354961	12.9927 mg/L	Y 371.029
Na 589.592	2.24229	mg/L	0.019179	0.9	667379	11.2115 mg/L	Y 371.029
Ni 216.555	0.000711	mg/L	0.000282	39.7	7.32374	0.003554 mg/L	Y 371.029
Ni 221.648	0.000108uv	mg/L	0.000566	524.7	4.44563	0.000539 mg/L	Y 371.029
Ni 231.604	0.000763	mg/L	0.000752	98.5	11.4275	0.003816 mg/L	Y 371.029
P 177.434	0.016991	mg/L	0.015891	93.5	1.12868	0.084953 mg/L	Y 371.029
P 213.618	0.013775	mg/L	0.004354	31.6	8.32761	0.068876 mg/L	Y 371.029
P 214.914	0.038455	mg/L	0.027006	70.2	5.64840	0.192274 mg/L	Y 371.029
Pb 220.353	0.000988uv	mg/L	0.001786	180.7	5.94331	0.004942 mg/L	Y 371.029
Pb 261.417	0.010590	mg/L	0.006927	65.4	11.8401	0.052951 mg/L	Y 371.029
Pb 405.781	0.006202uv	mg/L	0.012391	199.8	99.4330	0.031010 mg/L	Y 371.029
Sb 206.834	-0.005066uv	mg/L	0.001519	30.0	5.26212	-0.025328 mg/L	Y 371.029
Sb 231.146	-0.002172	mg/L	0.001506	69.4	6.99457	-0.010859 mg/L	Y 371.029
Sb 259.804	-0.028324uv	mg/L	0.002128	7.5	4.50335	-0.141619 mg/L	Y 371.029
Se 196.026	0.000290uv	mg/L	0.002654	916.6	4.64231	0.001448 mg/L	Y 371.029
Se 203.985	0.005471uv	mg/L	0.007343	134.2	2.11658	0.027357 mg/L	Y 371.029
Si 250.690	0.869516	mg/L	0.007478	0.9	1155.73	4.34758 mg/L	Y 371.029
Si 251.611	0.833116	mg/L	0.009627	1.2	1328.71	4.16558 mg/L	Y 371.029
Si 288.158	0.858571	mg/L	0.007602	0.9	7068.84	4.29285 mg/L	Y 371.029
Sn 189.927	-0.002417uv	mg/L	0.004148	171.6	1.13522	-0.012083 mg/L	Y 371.029
Sn 283.998	-0.000836uv	mg/L	0.002677	320.4	9.84825	-0.004178 mg/L	Y 371.029
Sr 216.596	0.055788	mg/L	0.000864	1.5	454.879	0.278938 mg/L	Y 371.029
Sr 407.771	0.052777	mg/L	0.000367	0.7	139970	0.263886 mg/L	Y 371.029
Sr 421.552	0.053830	mg/L	0.000786	1.5	88444.4	0.269152 mg/L	Y 371.029
Ti 334.941	-0.000536uv	mg/L	0.000080	14.9	111.092	-0.002678 mg/L	Y 371.029
Ti 336.122	-0.000413uv	mg/L	0.000107	25.9	8.73708	-0.002064 mg/L	Y 371.029
Ti 337.280	-0.000514uv	mg/L	0.000160	31.1	6.83594	-0.002569 mg/L	Y 371.029
Tl 190.794	-0.002183uv	mg/L	0.003490	159.9	1.44040	-0.010915 mg/L	Y 371.029
Tl 190.807	0.006125	mg/L	0.003438	56.1	1.48012	0.030626 mg/L	Y 371.029
Tl 351.923	0.001048uv	mg/L	0.003991	380.7	8.51692	0.005241 mg/L	Y 371.029
V 268.796	0.000229uv	mg/L	0.000477	208.8	23.7232	0.001143 mg/L	Y 371.029
V 292.401	0.000302	mg/L	0.000167	55.3	38.9311	0.001508 mg/L	Y 371.029
V 311.837	0.000222	mg/L	0.000130	58.6	9.81568	0.001112 mg/L	Y 371.029
Zn 202.548	2.88075	mg/L	0.046840	1.6	21178.6	14.4038 mg/L	Y 371.029
Zn 206.200	2.88805	mg/L	0.033681	1.2	6902.00	14.4403 mg/L	Y 371.029
Zn 213.857	2.75193	mg/L	0.028792	1.0	41576.6	13.7596 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.15989	9300.91	192.029	2.1
Y 371.029	0.956521	157737	2901.044	1.8

11J1391-17 (Samp) **11/4/2011, 6:09:58 PM** **Rack 4, Tube 22**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 50**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001153	mg/L	0.000346	30.0	373.221	0.057640 mg/L	Y 371.029
Ag 338.289	-0.001260uv	mg/L	0.000799	63.4	1.20868	-0.063017 mg/L	Y 371.029
Al 237.312	0.003807	mg/L	0.004184	109.9	70.7357	0.190359 mg/L	Y 371.029
Al 257.509	0.016342	mg/L	0.006678	40.9	27.2836	0.817104 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	0.024145	mg/L	0.002735	11.3	687.076	1.20726 mg/L	Y 371.029
As 188.980	-0.003978uv	mg/L	0.003227	81.1	2.66813	-0.198896 mg/L	Y 371.029
As 193.696	0.004500uv	mg/L	0.002948	65.5	3.86801	0.225001 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.012356	3.0	400.466	uncal mg/L	Y 371.029
B 182.577	0.003587	mg/L	0.001480	41.3	8.00855	0.179332 mg/L	Y 371.029
B 249.678	0.003504	mg/L	0.000497	14.2	102.671	0.175176 mg/L	Y 371.029
B 249.772	0.005125	mg/L	0.000283	5.5	220.882	0.256265 mg/L	Y 371.029
Ba 233.527	0.000419	mg/L	0.000019	4.5	180.873	0.020930 mg/L	Y 371.029
Ba 455.403	-0.000049uv	mg/L	0.000011	21.8	4539.34	-0.002443 mg/L	Y 371.029
Ba 493.408	-0.000092uv	mg/L	0.000015	16.5	2745.88	-0.004575 mg/L	Y 371.029
Be 234.861	0.000004	mg/L	0.000019	425.8	-0.592273	0.000219 mg/L	Y 371.029
Be 313.042	-0.000242uv	mg/L	0.000004	1.7	1523.26	-0.012085 mg/L	Y 371.029
Be 313.107	0.000057	mg/L	0.000010	18.0	50.5828	0.002862 mg/L	Y 371.029
Ca 393.366	2.39185n	mg/L	0.016757	0.7	3121586	119.593 mg/L	Y 371.029
Ca 396.847	2.15345	mg/L	0.006860	0.3	4328709	107.673 mg/L	Y 371.029
Ca 430.253	2.22196	mg/L	0.012828	0.6	9111.31	111.098 mg/L	Y 371.029
Cd 214.439	0.311942	mg/L	0.001026	0.3	5029.63	15.5971 mg/L	Y 371.029
Cd 226.502	0.306953	mg/L	0.001251	0.4	9124.51	15.3477 mg/L	Y 371.029
Cd 228.802	0.294937	mg/L	0.001709	0.6	3906.16	14.7468 mg/L	Y 371.029
Co 228.615	0.001603	mg/L	0.000468	29.2	12.7938	0.080143 mg/L	Y 371.029
Co 230.786	0.001526	mg/L	0.000315	20.6	13.6295	0.076276 mg/L	Y 371.029
Co 238.892	0.001063	mg/L	0.000431	40.5	9.58154	0.053173 mg/L	Y 371.029
Cr 205.560	-0.000116	mg/L	0.000155	134.0	3.17604	-0.005790 mg/L	Y 371.029
Cr 206.158	0.000480	mg/L	0.002281	474.9	10.2642	0.024017 mg/L	Y 371.029
Cr 267.716	-0.000049uv	mg/L	0.000205	414.8	17.1739	-0.002471 mg/L	Y 371.029
Cu 213.598	0.000162	mg/L	0.000703	434.1	1.96733	0.008096 mg/L	Y 371.029
Cu 324.754	0.000940uv	mg/L	0.000251	26.7	405.911	0.047010 mg/L	Y 371.029
Cu 327.395	0.000436	mg/L	0.000148	34.1	36.2201	0.021778 mg/L	Y 371.029
Fe 234.350	0.000029	mg/L	0.001343	4638.3	134.592	0.001448 mg/L	Y 371.029
Fe 238.204	-0.001252	mg/L	0.000824	65.8	267.586	-0.062595 mg/L	Y 371.029
Fe 259.940	-0.001427	mg/L	0.000592	41.5	233.432	-0.071367 mg/L	Y 371.029
Ga 287.423	0.000254uv	mg/L	0.002262	889.4	12.6204	0.012717 mg/L	Y 371.029
Ga 294.363	0.000430	mg/L	0.000843	196.3	15.2361	0.021481 mg/L	Y 371.029
Ga 417.204	0.000804uv	mg/L	0.001286	159.9	49.6330	0.040206 mg/L	Y 371.029
K 766.491	0.287267	mg/L	0.001868	0.7	17704.0	14.3634 mg/L	Y 371.029
K 769.897	0.281291	mg/L	0.000447	0.2	21190.7	14.0645 mg/L	Y 371.029
Li 610.365	0.001226	mg/L	0.000162	13.2	-7.61923	0.061300 mg/L	Y 371.029
Li 670.783	0.001031	mg/L	0.000080	7.8	56220.6	0.051549 mg/L	Y 371.029
Mg 279.078	0.364291	mg/L	0.003448	0.9	482.855	18.2146 mg/L	Y 371.029
Mg 280.270	0.365701	mg/L	0.004705	1.3	33881.6	18.2851 mg/L	Y 371.029
Mg 285.213	0.346934	mg/L	0.005113	1.5	10620.7	17.3467 mg/L	Y 371.029
Mn 257.610	0.068601	mg/L	0.000708	1.0	9270.97	3.43006 mg/L	Y 371.029
Mn 259.372	0.068039	mg/L	0.000719	1.1	6832.58	3.40195 mg/L	Y 371.029
Mn 260.568	0.068048	mg/L	0.000505	0.7	1236.53	3.40240 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000577	30.7	15.6728	uncal mg/L	Y 371.029
Mo 203.846	0.000757uv	mg/L	0.000966	127.6	6.25262	0.037840 mg/L	Y 371.029
Mo 204.598	0.001822	mg/L	0.000496	27.2	4.83232	0.091093 mg/L	Y 371.029
Na 568.821	1.60766	mg/L	0.061029	3.8	322.910	80.3832 mg/L	Y 371.029
Na 588.995	0.855417	mg/L	0.004778	0.6	611065	42.7709 mg/L	Y 371.029
Na 589.592	0.587439	mg/L	0.006223	1.1	302603	29.3719 mg/L	Y 371.029
Ni 216.555	0.001868	mg/L	0.000413	22.1	11.9675	0.093389 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	-0.000083uv	mg/L	0.000760	915.0	4.38172	-0.004152 mg/L	Y 371.029
Ni 231.604	0.000976	mg/L	0.000957	98.1	11.6142	0.048784 mg/L	Y 371.029
P 177.434	-0.004241uv	mg/L	0.007289	171.9	0.248649	-0.212040 mg/L	Y 371.029
P 213.618	0.003297	mg/L	0.003636	110.3	3.98768	0.164836 mg/L	Y 371.029
P 214.914	0.030974	mg/L	0.016238	52.4	4.17067	1.54868 mg/L	Y 371.029
Pb 220.353	-0.001421uv	mg/L	0.001404	98.8	3.75955	-0.071064 mg/L	Y 371.029
Pb 261.417	0.012165	mg/L	0.005339	43.9	12.3610	0.608255 mg/L	Y 371.029
Pb 405.781	0.002415uv	mg/L	0.004579	189.6	87.2500	0.120751 mg/L	Y 371.029
Sb 206.834	-0.008695uv	mg/L	0.004024	46.3	3.31302	-0.434736 mg/L	Y 371.029
Sb 231.146	0.010336	mg/L	0.005550	53.7	9.21910	0.516821 mg/L	Y 371.029
Sb 259.804	-0.025326uv	mg/L	0.002298	9.1	3.71993	-1.26630 mg/L	Y 371.029
Se 196.026	0.001355uv	mg/L	0.004102	302.8	4.44217	0.067739 mg/L	Y 371.029
Se 203.985	0.008885uv	mg/L	0.011195	126.0	2.76713	0.444231 mg/L	Y 371.029
Si 250.690	0.230732	mg/L	0.002827	1.2	409.471	11.5366 mg/L	Y 371.029
Si 251.611	0.225378	mg/L	0.001148	0.5	470.342	11.2689 mg/L	Y 371.029
Si 288.158	0.233992	mg/L	0.001826	0.8	2905.22	11.6996 mg/L	Y 371.029
Sn 189.927	0.003991	mg/L	0.002250	56.4	2.47424	0.199556 mg/L	Y 371.029
Sn 283.998	-0.001621	mg/L	0.003733	230.3	12.9177	-0.081065 mg/L	Y 371.029
Sr 216.596	0.008885	mg/L	0.000413	4.7	87.9013	0.444242 mg/L	Y 371.029
Sr 407.771	0.008227	mg/L	0.000112	1.4	26620.9	0.411342 mg/L	Y 371.029
Sr 421.552	0.008417	mg/L	0.000063	0.7	16704.9	0.420871 mg/L	Y 371.029
Ti 334.941	-0.000999uv	mg/L	0.000039	3.9	113.650	-0.049955 mg/L	Y 371.029
Ti 336.122	-0.000622	mg/L	0.000088	14.1	32.3210	-0.031081 mg/L	Y 371.029
Ti 337.280	-0.000512uv	mg/L	0.000172	33.6	13.9500	-0.025619 mg/L	Y 371.029
Tl 190.794	-0.003879uv	mg/L	0.002590	66.8	1.51621	-0.193927 mg/L	Y 371.029
Tl 190.807	0.004564	mg/L	0.004601	100.8	1.49793	0.228204 mg/L	Y 371.029
Tl 351.923	-0.004972uv	mg/L	0.003771	75.8	1.56110	-0.248582 mg/L	Y 371.029
V 268.796	0.000421	mg/L	0.000175	41.5	22.6533	0.021043 mg/L	Y 371.029
V 292.401	-0.000647uv	mg/L	0.000088	13.6	17.2671	-0.032361 mg/L	Y 371.029
V 311.837	0.000240	mg/L	0.000113	47.2	6.96610	0.011979 mg/L	Y 371.029
Zn 202.548	6.80205	mg/L	0.171296	2.5	49276.3	340.102 mg/L	Y 371.029
Zn 206.200	6.81480	mg/L	0.153280	2.2	16046.2	340.740 mg/L	Y 371.029
Zn 213.857	6.45133	mg/L	0.106027	1.6	96015.7	322.567 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14162	9154.39	49.258	0.5
Y 371.029	0.940996	155177	840.609	0.5

1145200-DUP1 (Samp) **11/4/2011, 6:13:59 PM** **Rack 4, Tube 23**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 50**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001106	mg/L	0.000351	31.7	371.159	0.055285 mg/L	Y 371.029
Ag 338.289	-0.001419uv	mg/L	0.001150	81.0	0.780613	-0.070946 mg/L	Y 371.029
Al 237.312	0.007239	mg/L	0.001537	21.2	75.3414	0.361937 mg/L	Y 371.029
Al 257.509	0.018335	mg/L	0.000976	5.3	28.4802	0.916762 mg/L	Y 371.029
Al 308.215	0.023443	mg/L	0.001305	5.6	682.391	1.17215 mg/L	Y 371.029
As 188.980	0.003020uv	mg/L	0.002272	75.2	4.64838	0.151006 mg/L	Y 371.029
As 193.696	-0.003468uv	mg/L	0.001297	37.4	1.26003	-0.173385 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.034231	7.8	415.943	uncal mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.002549	mg/L	0.000388	15.2	7.57346	0.127467 mg/L	Y 371.029
B 249.678	0.002657	mg/L	0.000153	5.8	96.2127	0.132836 mg/L	Y 371.029
B 249.772	0.004280	mg/L	0.000276	6.4	206.575	0.213995 mg/L	Y 371.029
Ba 233.527	0.000496	mg/L	0.000107	21.5	183.522	0.024821 mg/L	Y 371.029
Ba 455.403	0.000017	mg/L	0.000015	90.2	4602.40	0.000859 mg/L	Y 371.029
Ba 493.408	-0.000017	mg/L	0.000025	145.7	2787.28	-0.000871 mg/L	Y 371.029
Be 234.861	0.000034	mg/L	0.000013	37.9	2.43569	0.001722 mg/L	Y 371.029
Be 313.042	-0.000229uv	mg/L	0.000011	4.8	1541.85	-0.011468 mg/L	Y 371.029
Be 313.107	0.000050	mg/L	0.000004	8.6	45.0109	0.002491 mg/L	Y 371.029
Ca 393.366	2.44949n	mg/L	0.031479	1.3	3195790	122.474 mg/L	Y 371.029
Ca 396.847	2.18535	mg/L	0.036030	1.6	4392072	109.267 mg/L	Y 371.029
Ca 430.253	2.27369	mg/L	0.045501	2.0	9303.97	113.685 mg/L	Y 371.029
Cd 214.439	0.318048	mg/L	0.003639	1.1	5127.97	15.9024 mg/L	Y 371.029
Cd 226.502	0.314058	mg/L	0.005137	1.6	9335.23	15.7029 mg/L	Y 371.029
Cd 228.802	0.301451	mg/L	0.003814	1.3	3992.08	15.0725 mg/L	Y 371.029
Co 228.615	0.001687	mg/L	0.000220	13.1	13.4779	0.084354 mg/L	Y 371.029
Co 230.786	0.001894	mg/L	0.000815	43.0	15.6228	0.094709 mg/L	Y 371.029
Co 238.892	0.000619	mg/L	0.000213	34.4	7.33926	0.030965 mg/L	Y 371.029
Cr 205.560	-0.000220uv	mg/L	0.000425	193.3	2.82641	-0.010993 mg/L	Y 371.029
Cr 206.158	0.001043	mg/L	0.002613	250.6	11.2101	0.052136 mg/L	Y 371.029
Cr 267.716	-0.000033	mg/L	0.000083	255.1	17.5607	-0.001630 mg/L	Y 371.029
Cu 213.598	0.000803	mg/L	0.001086	135.3	3.98320	0.040142 mg/L	Y 371.029
Cu 324.754	0.001150uv	mg/L	0.000508	44.2	412.035	0.057488 mg/L	Y 371.029
Cu 327.395	0.000619	mg/L	0.000170	27.5	44.1404	0.030949 mg/L	Y 371.029
Fe 234.350	0.000278	mg/L	0.000432	155.4	137.932	0.013896 mg/L	Y 371.029
Fe 238.204	-0.001637	mg/L	0.000400	24.4	264.894	-0.081867 mg/L	Y 371.029
Fe 259.940	-0.001356	mg/L	0.000291	21.4	237.249	-0.067810 mg/L	Y 371.029
Ga 287.423	-0.001529uv	mg/L	0.001533	100.2	8.79388	-0.076465 mg/L	Y 371.029
Ga 294.363	-0.000763uv	mg/L	0.000288	37.8	8.34206	-0.038126 mg/L	Y 371.029
Ga 417.204	0.000341uv	mg/L	0.000899	263.9	45.8184	0.017026 mg/L	Y 371.029
K 766.491	0.293709	mg/L	0.003220	1.1	18059.0	14.6855 mg/L	Y 371.029
K 769.897	0.289022	mg/L	0.006409	2.2	21540.9	14.4511 mg/L	Y 371.029
Li 610.365	0.001218	mg/L	0.000120	9.8	-7.95581	0.060885 mg/L	Y 371.029
Li 670.783	0.001055	mg/L	0.000165	15.7	56292.7	0.052744 mg/L	Y 371.029
Mg 279.078	0.373870	mg/L	0.004787	1.3	495.431	18.6935 mg/L	Y 371.029
Mg 280.270	0.376174	mg/L	0.001427	0.4	34834.2	18.8087 mg/L	Y 371.029
Mg 285.213	0.356636	mg/L	0.002815	0.8	10912.8	17.8318 mg/L	Y 371.029
Mn 257.610	0.070323	mg/L	0.000649	0.9	9504.52	3.51614 mg/L	Y 371.029
Mn 259.372	0.070014	mg/L	0.000395	0.6	7029.72	3.50070 mg/L	Y 371.029
Mn 260.568	0.069371	mg/L	0.001027	1.5	1260.47	3.46853 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000583	20.7	18.6732	uncal mg/L	Y 371.029
Mo 203.846	0.000576uv	mg/L	0.001060	183.9	6.05696	0.028816 mg/L	Y 371.029
Mo 204.598	0.000944uv	mg/L	0.001003	106.2	3.58888	0.047205 mg/L	Y 371.029
Na 568.821	1.66751	mg/L	0.052474	3.1	339.242	83.3753 mg/L	Y 371.029
Na 588.995	0.885286	mg/L	0.017285	2.0	623825	44.2643 mg/L	Y 371.029
Na 589.592	0.613904	mg/L	0.015458	2.5	308474	30.6952 mg/L	Y 371.029
Ni 216.555	0.002005	mg/L	0.000357	17.8	12.5848	0.100262 mg/L	Y 371.029
Ni 221.648	0.000751	mg/L	0.000536	71.4	5.89668	0.037562 mg/L	Y 371.029
Ni 231.604	0.002203	mg/L	0.000662	30.1	15.2907	0.110168 mg/L	Y 371.029
P 177.434	-0.008234uv	mg/L	0.014177	172.2	0.086120	-0.411686 mg/L	Y 371.029
P 213.618	0.000013	mg/L	0.000735	5474.9	2.36436	0.000672 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.025293	mg/L	0.010737	42.4	3.29096	1.26466 mg/L	Y 371.029
Pb 220.353	-0.000713uv	mg/L	0.001508	211.7	4.45756	-0.035626 mg/L	Y 371.029
Pb 261.417	0.019053	mg/L	0.005552	29.1	15.7704	0.952640 mg/L	Y 371.029
Pb 405.781	0.003679uv	mg/L	0.007511	204.2	88.9025	0.183927 mg/L	Y 371.029
Sb 206.834	-0.009141uv	mg/L	0.000398	4.4	3.09075	-0.457056 mg/L	Y 371.029
Sb 231.146	0.001841uv	mg/L	0.004240	230.3	5.27006	0.092068 mg/L	Y 371.029
Sb 259.804	-0.021084uv	mg/L	0.009127	43.3	5.34170	-1.05420 mg/L	Y 371.029
Se 196.026	-0.001653uv	mg/L	0.004344	262.8	3.76846	-0.082636 mg/L	Y 371.029
Se 203.985	0.000863uv	mg/L	0.005596	648.7	1.69987	0.043135 mg/L	Y 371.029
Si 250.690	0.236751	mg/L	0.002323	1.0	416.529	11.8375 mg/L	Y 371.029
Si 251.611	0.229720	mg/L	0.005022	2.2	476.453	11.4860 mg/L	Y 371.029
Si 288.158	0.236621	mg/L	0.003180	1.3	2922.07	11.8311 mg/L	Y 371.029
Sn 189.927	0.002970uv	mg/L	0.004213	141.9	2.26193	0.148498 mg/L	Y 371.029
Sn 283.998	-0.004997uv	mg/L	0.001605	32.1	9.13743	-0.249858 mg/L	Y 371.029
Sr 216.596	0.008865	mg/L	0.000102	1.2	87.7905	0.443274 mg/L	Y 371.029
Sr 407.771	0.008366	mg/L	0.000131	1.6	26974.7	0.418280 mg/L	Y 371.029
Sr 421.552	0.008620	mg/L	0.000124	1.4	17023.9	0.430976 mg/L	Y 371.029
Ti 334.941	-0.000682uv	mg/L	0.000294	43.1	176.185	-0.034080 mg/L	Y 371.029
Ti 336.122	-0.000486	mg/L	0.000278	57.3	44.2281	-0.024278 mg/L	Y 371.029
Ti 337.280	-0.000251	mg/L	0.000153	60.9	21.8411	-0.012532 mg/L	Y 371.029
Tl 190.794	-0.003395uv	mg/L	0.004519	133.1	1.66239	-0.169758 mg/L	Y 371.029
Tl 190.807	0.003381	mg/L	0.001641	48.5	1.31088	0.169050 mg/L	Y 371.029
Tl 351.923	0.005130	mg/L	0.007042	137.3	13.3439	0.256489 mg/L	Y 371.029
V 268.796	0.000416	mg/L	0.000197	47.4	22.5218	0.020822 mg/L	Y 371.029
V 292.401	-0.000422uv	mg/L	0.000256	60.6	24.6361	-0.021092 mg/L	Y 371.029
V 311.837	0.000210	mg/L	0.000041	19.4	5.65521	0.010479 mg/L	Y 371.029
Zn 202.548	6.95060	mg/L	0.108487	1.6	50341.2	347.530 mg/L	Y 371.029
Zn 206.200	6.89525	mg/L	0.095242	1.4	16233.6	344.762 mg/L	Y 371.029
Zn 213.857	6.58341	mg/L	0.130758	2.0	97960.2	329.170 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13415	9094.52	130.567	1.4
Y 371.029	0.935219	154224	2202.610	1.4

1145200-PS1 (Samp) **11/4/2011, 6:17:58 PM** **Rack 4, Tube 24**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 50**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.493756	mg/L	0.003534	0.7	22778.7	24.6878 mg/L	Y 371.029
Ag 338.289	0.491285	mg/L	0.001865	0.4	1387.75	24.5642 mg/L	Y 371.029
Al 237.312	4.96254	mg/L	0.041918	0.8	6699.06	248.127 mg/L	Y 371.029
Al 257.509	4.92260	mg/L	0.044083	0.9	2874.78	246.130 mg/L	Y 371.029
Al 308.215	5.07357	mg/L	0.030318	0.6	27477.1	253.679 mg/L	Y 371.029
As 188.980	1.00762	mg/L	0.012162	1.2	288.804	50.3809 mg/L	Y 371.029
As 193.696	1.00036	mg/L	0.007985	0.8	329.327	50.0180 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.010464	0.6	1664.74	uncal mg/L	Y 371.029
B 182.577	0.980025	mg/L	0.017334	1.8	425.059	49.0012 mg/L	Y 371.029
B 249.678	0.947842	mg/L	0.024752	2.6	7450.12	47.3921 mg/L	Y 371.029
B 249.772	0.950328	mg/L	0.024085	2.5	16299.0	47.5164 mg/L	Y 371.029
Ba 233.527	1.00464	mg/L	0.003227	0.3	33887.3	50.2320 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ba 455.403	0.941301	mg/L	0.007550	0.8	894155	47.0651 mg/L	Y 371.029
Ba 493.408	0.951878	mg/L	0.005711	0.6	526990	47.5939 mg/L	Y 371.029
Be 234.861	0.993116	mg/L	0.007858	0.8	99614.0	49.6558 mg/L	Y 371.029
Be 313.042	0.997430	mg/L	0.008042	0.8	1544498	49.8715 mg/L	Y 371.029
Be 313.107	0.998359	mg/L	0.007650	0.8	738358	49.9179 mg/L	Y 371.029
Ca 393.366	10.6343n	mg/L	0.064896	0.6	13727677	531.714 mg/L	Y 371.029
Ca 396.847	10.3918	mg/L	0.059561	0.6	20676566	519.592 mg/L	Y 371.029
Ca 430.253	11.6846	mg/L	0.067435	0.6	44205.9	584.232 mg/L	Y 371.029
Cd 214.439	1.33013	mg/L	0.019306	1.5	21425.0	66.5067 mg/L	Y 371.029
Cd 226.502	1.32077	mg/L	0.007964	0.6	39188.6	66.0386 mg/L	Y 371.029
Cd 228.802	1.28470	mg/L	0.005937	0.5	16959.4	64.2348 mg/L	Y 371.029
Co 228.615	1.01115	mg/L	0.026673	2.6	8292.90	50.5577 mg/L	Y 371.029
Co 230.786	1.01084	mg/L	0.029710	2.9	5429.68	50.5418 mg/L	Y 371.029
Co 238.892	1.00091	mg/L	0.004352	0.4	5086.30	50.0456 mg/L	Y 371.029
Cr 205.560	0.981077	mg/L	0.030289	3.1	3588.71	49.0539 mg/L	Y 371.029
Cr 206.158	0.995473	mg/L	0.003192	0.3	1524.77	49.7737 mg/L	Y 371.029
Cr 267.716	0.984915	mg/L	0.005750	0.6	18714.4	49.2457 mg/L	Y 371.029
Cu 213.598	1.01289	mg/L	0.014449	1.4	3170.84	50.6447 mg/L	Y 371.029
Cu 324.754	0.977327	mg/L	0.004437	0.5	33468.0	48.8664 mg/L	Y 371.029
Cu 327.395	0.985270	mg/L	0.005373	0.5	42505.6	49.2635 mg/L	Y 371.029
Fe 234.350	5.18956	mg/L	0.019699	0.4	38653.5	259.478 mg/L	Y 371.029
Fe 238.204	5.07299	mg/L	0.010077	0.2	82603.8	253.650 mg/L	Y 371.029
Fe 259.940	5.16990	mg/L	0.030952	0.6	70621.4	258.495 mg/L	Y 371.029
Ga 287.423	0.961109	mg/L	0.011145	1.2	2203.89	48.0555 mg/L	Y 371.029
Ga 294.363	0.974021	mg/L	0.005618	0.6	5711.53	48.7010 mg/L	Y 371.029
Ga 417.204	0.950555	mg/L	0.006539	0.7	8748.02	47.5277 mg/L	Y 371.029
K 766.491	10.2444	mg/L	0.066592	0.7	563537	512.220 mg/L	Y 371.029
K 769.897	10.4263	mg/L	0.082038	0.8	480689	521.313 mg/L	Y 371.029
Li 610.365	1.01056	mg/L	0.005230	0.5	40931.5	50.5281 mg/L	Y 371.029
Li 670.783	1.09001	mg/L	0.005553	0.5	2816953	54.5004 mg/L	Y 371.029
Mg 279.078	10.5232	mg/L	0.053366	0.5	13830.5	526.161 mg/L	Y 371.029
Mg 280.270	10.3176	mg/L	0.064033	0.6	936633	515.882 mg/L	Y 371.029
Mg 285.213	10.9111	mg/L	0.086148	0.8	327699	545.556 mg/L	Y 371.029
Mn 257.610	1.05857	mg/L	0.010051	0.9	144651	52.9285 mg/L	Y 371.029
Mn 259.372	1.06419	mg/L	0.011541	1.1	107382	53.2094 mg/L	Y 371.029
Mn 260.568	1.06131	mg/L	0.002745	0.3	19192.1	53.0653 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.009595	1.0	3101.73	uncal mg/L	Y 371.029
Mo 203.846	1.02397	mg/L	0.019963	1.9	1268.64	51.1984 mg/L	Y 371.029
Mo 204.598	1.01488	mg/L	0.020921	2.1	1484.76	50.7439 mg/L	Y 371.029
Na 568.821	9.82985	mg/L	0.034107	0.3	2548.98	491.493 mg/L	Y 371.029
Na 588.995	11.1974	mg/L	0.084830	0.8	5024576	559.871 mg/L	Y 371.029
Na 589.592	11.8894	mg/L	0.058292	0.5	2800288	594.472 mg/L	Y 371.029
Ni 216.555	1.02137	mg/L	0.004557	0.4	4555.76	51.0687 mg/L	Y 371.029
Ni 221.648	1.00654	mg/L	0.002575	0.3	1827.61	50.3272 mg/L	Y 371.029
Ni 231.604	1.02863	mg/L	0.010423	1.0	3096.13	51.4314 mg/L	Y 371.029
P 177.434	1.29386	mg/L	0.008235	0.6	53.0062	64.6931 mg/L	Y 371.029
P 213.618	1.01873	mg/L	0.017197	1.7	533.122	50.9367 mg/L	Y 371.029
P 214.914	1.01745	mg/L	0.030733	3.0	163.759	50.8727 mg/L	Y 371.029
Pb 220.353	1.01212	mg/L	0.005688	0.6	993.367	50.6059 mg/L	Y 371.029
Pb 261.417	0.776779	mg/L	0.007778	1.0	389.234	38.8389 mg/L	Y 371.029
Pb 405.781	0.938422	mg/L	0.006659	0.7	1322.43	46.9211 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 206.834	0.675595	mg/L	0.013502	2.0	397.611	33.7798 mg/L	Y 371.029
Sb 231.146	0.708375	mg/L	0.026907	3.8	339.753	35.4188 mg/L	Y 371.029
Sb 259.804	0.517725	mg/L	0.032515	6.3	216.144	25.8863 mg/L	Y 371.029
Se 196.026	1.02215	mg/L	0.032855	3.2	233.736	51.1073 mg/L	Y 371.029
Se 203.985	1.09718	mg/L	0.032914	3.0	160.767	54.8592 mg/L	Y 371.029
Si 250.690	1.22709	mg/L	0.013613	1.1	1591.68	61.3545 mg/L	Y 371.029
Si 251.611	1.18453	mg/L	0.011144	0.9	1826.00	59.2267 mg/L	Y 371.029
Si 288.158	1.23676	mg/L	0.006947	0.6	9416.37	61.8381 mg/L	Y 371.029
Sn 189.927	1.01784	mg/L	0.009702	1.0	212.333	50.8919 mg/L	Y 371.029
Sn 283.998	1.07183	mg/L	0.011977	1.1	2272.67	53.5915 mg/L	Y 371.029
Sr 216.596	1.06770	mg/L	0.003964	0.4	8321.48	53.3852 mg/L	Y 371.029
Sr 407.771	0.988493	mg/L	0.011832	1.2	2498456	49.4246 mg/L	Y 371.029
Sr 421.552	1.00006	mg/L	0.010585	1.1	1569650	50.0028 mg/L	Y 371.029
Ti 334.941	0.985368	mg/L	0.007595	0.8	187995	49.2684 mg/L	Y 371.029
Ti 336.122	0.987682	mg/L	0.008444	0.9	80440.4	49.3841 mg/L	Y 371.029
Ti 337.280	0.997228	mg/L	0.004155	0.4	29198.0	49.8614 mg/L	Y 371.029
Tl 190.794	1.02141	mg/L	0.010653	1.0	294.128	51.0703 mg/L	Y 371.029
Tl 190.807	0.990727	mg/L	0.008933	0.9	158.715	49.5364 mg/L	Y 371.029
Tl 351.923	0.985546	mg/L	0.006420	0.7	1157.23	49.2773 mg/L	Y 371.029
V 268.796	0.924980	mg/L	0.004341	0.5	8261.21	46.2490 mg/L	Y 371.029
V 292.401	0.983102	mg/L	0.006462	0.7	31293.3	49.1551 mg/L	Y 371.029
V 311.837	0.990201	mg/L	0.006508	0.7	43368.4	49.5101 mg/L	Y 371.029
Zn 202.548	7.79242	mg/L	0.083946	1.1	56472.7	389.621 mg/L	Y 371.029
Zn 206.200	7.80843	mg/L	0.058046	0.7	18372.7	390.421 mg/L	Y 371.029
Zn 213.857	7.28825	mg/L	0.173133	2.4	108515	364.412 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14179	9155.79	14.394	0.2
Y 371.029	0.945010	155839	472.731	0.3

11J1391-18 (Samp) **11/4/2011, 6:22:15 PM** **Rack 4, Tube 25**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 50**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000424	mg/L	0.000044	10.3	346.189	0.021206 mg/L	Y 371.029
Ag 338.289	-0.000390	mg/L	0.000644	165.3	4.15107	-0.019491 mg/L	Y 371.029
Al 237.312	-0.006947uv	mg/L	0.003559	51.2	55.1437	-0.347351 mg/L	Y 371.029
Al 257.509	0.004655	mg/L	0.007799	167.6	22.1788	0.232733 mg/L	Y 371.029
Al 308.215	0.025775	mg/L	0.000655	2.5	660.070	1.28873 mg/L	Y 371.029
As 188.980	0.011106	mg/L	0.003652	32.9	6.74316	0.555275 mg/L	Y 371.029
As 193.696	0.005712	mg/L	0.002002	35.1	4.06824	0.285585 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.013902	4.8	274.581	uncal mg/L	Y 371.029
B 182.577	0.026973	mg/L	0.005769	21.4	18.2365	1.34865 mg/L	Y 371.029
B 249.678	0.023217	mg/L	0.005958	25.7	260.368	1.16083 mg/L	Y 371.029
B 249.772	0.027046	mg/L	0.006105	22.6	640.980	1.35230 mg/L	Y 371.029
Ba 233.527	0.000264	mg/L	0.000030	11.2	178.830	0.013183 mg/L	Y 371.029
Ba 455.403	-0.000039uv	mg/L	0.000029	73.8	4577.71	-0.001952 mg/L	Y 371.029
Ba 493.408	-0.000119uv	mg/L	0.000017	14.5	2771.32	-0.005974 mg/L	Y 371.029
Be 234.861	0.000227	mg/L	0.000048	21.3	5.99759	0.011327 mg/L	Y 371.029
Be 313.042	-0.000232uv	mg/L	0.000026	11.0	1522.66	-0.011585 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 313.107	0.000053	mg/L	0.000010	19.7	45.5655	0.002652 mg/L	Y 371.029
Ca 393.366	4.00932n	mg/L	0.104606	2.6	5205176	200.466 mg/L	Y 371.029
Ca 396.847	3.57218	mg/L	0.130174	3.6	7146788	178.609 mg/L	Y 371.029
Ca 430.253	3.85634	mg/L	0.110320	2.9	15218.3	192.817 mg/L	Y 371.029
Cd 214.439	0.205407	mg/L	0.006982	3.4	3315.44	10.2703 mg/L	Y 371.029
Cd 226.502	0.206808	mg/L	0.005993	2.9	6167.18	10.3404 mg/L	Y 371.029
Cd 228.802	0.197092	mg/L	0.002913	1.5	2616.59	9.85459 mg/L	Y 371.029
Co 228.615	0.000929	mg/L	0.000282	30.3	18.5439	0.046426 mg/L	Y 371.029
Co 230.786	0.000308	mg/L	0.000560	181.9	16.5256	0.015403 mg/L	Y 371.029
Co 238.892	0.003734uv	mg/L	0.000347	9.3	4.00395	0.186676 mg/L	Y 371.029
Cr 205.560	-0.000923	mg/L	0.000180	19.5	2.87070	-0.046138 mg/L	Y 371.029
Cr 206.158	-0.003540	mg/L	0.000985	27.8	8.02193	-0.176988 mg/L	Y 371.029
Cr 267.716	-0.000484	mg/L	0.000210	43.4	21.0245	-0.024188 mg/L	Y 371.029
Cu 213.598	0.000210	mg/L	0.000621	295.2	8.74788	0.010509 mg/L	Y 371.029
Cu 324.754	0.002016uv	mg/L	0.000300	14.9	428.051	0.100823 mg/L	Y 371.029
Cu 327.395	0.000620	mg/L	0.000063	10.2	80.9956	0.030992 mg/L	Y 371.029
Fe 234.350	4.06841	mg/L	0.085510	2.1	30128.1	203.421 mg/L	Y 371.029
Fe 238.204	3.97657	mg/L	0.111055	2.8	64496.7	198.828 mg/L	Y 371.029
Fe 259.940	3.98185	mg/L	0.109133	2.7	54222.5	199.092 mg/L	Y 371.029
Ga 287.423	-0.014465	mg/L	0.001224	8.5	40.5220	-0.723229 mg/L	Y 371.029
Ga 294.363	-0.000906	mg/L	0.000236	26.0	11.7112	-0.045298 mg/L	Y 371.029
Ga 417.204	-0.000168	mg/L	0.000644	384.3	52.3306	-0.008383 mg/L	Y 371.029
K 766.491	0.358073	mg/L	0.008524	2.4	21669.2	17.9037 mg/L	Y 371.029
K 769.897	0.346134	mg/L	0.010213	3.0	24163.0	17.3067 mg/L	Y 371.029
Li 610.365	0.001706	mg/L	0.000039	2.3	11.8572	0.085310 mg/L	Y 371.029
Li 670.783	0.000695	mg/L	0.000165	23.8	55960.3	0.034766 mg/L	Y 371.029
Mg 279.078	2.15063	mg/L	0.061222	2.8	2830.42	107.532 mg/L	Y 371.029
Mg 280.270	2.19136	mg/L	0.047260	2.2	199553	109.568 mg/L	Y 371.029
Mg 285.213	2.12207	mg/L	0.032969	1.6	63924.3	106.103 mg/L	Y 371.029
Mn 257.610	0.335704	mg/L	0.009033	2.7	45330.3	16.7852 mg/L	Y 371.029
Mn 259.372	0.333305	mg/L	0.008840	2.7	33783.0	16.6652 mg/L	Y 371.029
Mn 260.568	0.337148	mg/L	0.009081	2.7	6087.56	16.8574 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.002558	11.9	81.8577	uncal mg/L	Y 371.029
Mo 203.846	0.020128	mg/L	0.002939	14.6	32.1700	1.00639 mg/L	Y 371.029
Mo 204.598	0.021265	mg/L	0.003546	16.7	35.6610	1.06326 mg/L	Y 371.029
Na 568.821	6.12322	mg/L	0.158295	2.6	1541.09	306.161 mg/L	Y 371.029
Na 588.995	7.03310	mg/L	0.121797	1.7	3245534	351.655 mg/L	Y 371.029
Na 589.592	6.74692	mg/L	0.185635	2.8	1663139	337.346 mg/L	Y 371.029
Ni 216.555	-0.001363	mg/L	0.000277	20.3	11.3834	-0.068154 mg/L	Y 371.029
Ni 221.648	-0.002706	mg/L	0.000737	27.2	5.19995	-0.135311 mg/L	Y 371.029
Ni 231.604	-0.002261	mg/L	0.000908	40.2	10.7461	-0.113039 mg/L	Y 371.029
P 177.434	-0.002041uv	mg/L	0.003037	148.8	0.338560	-0.102069 mg/L	Y 371.029
P 213.618	-0.009072uv	mg/L	0.001358	15.0	-0.874870	-0.453580 mg/L	Y 371.029
P 214.914	0.007957	mg/L	0.005591	70.3	0.885343	0.397833 mg/L	Y 371.029
Pb 220.353	-0.002041uv	mg/L	0.000651	31.9	3.50221	-0.102061 mg/L	Y 371.029
Pb 261.417	-0.002331uv	mg/L	0.001657	71.1	5.39402	-0.116566 mg/L	Y 371.029
Pb 405.781	0.004159uv	mg/L	0.010484	252.1	91.9167	0.207935 mg/L	Y 371.029
Sb 206.834	0.046867	mg/L	0.001326	2.8	36.0050	2.34335 mg/L	Y 371.029
Sb 231.146	0.056490	mg/L	0.005466	9.7	29.9566	2.82450 mg/L	Y 371.029
Sb 259.804	-0.020008uv	mg/L	0.008885	44.4	10.9635	-1.00039 mg/L	Y 371.029
Se 196.026	0.008068uv	mg/L	0.008757	108.5	5.86450	0.403422 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Se 203.985	0.008784uv	mg/L	0.004964	56.5	2.56431	0.439224 mg/L	Y 371.029
Si 250.690	0.247792	mg/L	0.007524	3.0	431.256	12.3896 mg/L	Y 371.029
Si 251.611	0.245191	mg/L	0.009143	3.7	503.078	12.2596 mg/L	Y 371.029
Si 288.158	0.253307	mg/L	0.011627	4.6	3026.28	12.6654 mg/L	Y 371.029
Sn 189.927	0.004266	mg/L	0.001389	32.6	2.52546	0.213290 mg/L	Y 371.029
Sn 283.998	-0.004432uv	mg/L	0.002170	49.0	9.80441	-0.221579 mg/L	Y 371.029
Sr 216.596	0.014652	mg/L	0.000316	2.2	139.166	0.732591 mg/L	Y 371.029
Sr 407.771	0.014393	mg/L	0.000419	2.9	42286.9	0.719671 mg/L	Y 371.029
Sr 421.552	0.014571	mg/L	0.000417	2.9	26424.7	0.728540 mg/L	Y 371.029
Ti 334.941	-0.000337	mg/L	0.000397	117.9	339.367	-0.016833 mg/L	Y 371.029
Ti 336.122	-0.000126	mg/L	0.000331	262.3	112.331	-0.006315 mg/L	Y 371.029
Ti 337.280	-0.000218	mg/L	0.000451	206.6	35.2320	-0.010918 mg/L	Y 371.029
Tl 190.794	-0.004791uv	mg/L	0.002079	43.4	1.63836	-0.239542 mg/L	Y 371.029
Tl 190.807	0.001660uv	mg/L	0.003984	240.0	1.10674	0.082994 mg/L	Y 371.029
Tl 351.923	-0.000604uv	mg/L	0.006090	1008.3	7.06409	-0.030201 mg/L	Y 371.029
V 268.796	0.001185	mg/L	0.000336	28.3	52.3662	0.059275 mg/L	Y 371.029
V 292.401	-0.001210	mg/L	0.000054	4.5	24.3553	-0.060491 mg/L	Y 371.029
V 311.837	-0.000180	mg/L	0.000098	54.3	8.40780	-0.009019 mg/L	Y 371.029
Zn 202.548	9.43308	mg/L	0.128090	1.4	68145.6	471.654 mg/L	Y 371.029
Zn 206.200	9.45478	mg/L	0.136915	1.4	22199.5	472.739 mg/L	Y 371.029
Zn 213.857	9.00157	mg/L	0.196184	2.2	133584	450.078 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.15797	9285.52	139.873	1.5
Y 371.029	0.954242	157361	2331.910	1.5

11J1391-19 (Samp) **11/4/2011, 6:26:10 PM** **Rack 4, Tube 26**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 50**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000483	mg/L	0.000126	26.1	348.798	0.024138 mg/L	Y 371.029
Ag 338.289	-0.001635uv	mg/L	0.000578	35.4	0.694922	-0.081753 mg/L	Y 371.029
Al 237.312	-0.008733uv	mg/L	0.002725	31.2	52.7531	-0.436672 mg/L	Y 371.029
Al 257.509	0.010678	mg/L	0.011151	104.4	25.8098	0.533906 mg/L	Y 371.029
Al 308.215	0.025368	mg/L	0.000464	1.8	654.713	1.26840 mg/L	Y 371.029
As 188.980	0.001759uv	mg/L	0.004071	231.4	4.07836	0.087947 mg/L	Y 371.029
As 193.696	0.001098uv	mg/L	0.002290	208.6	2.54637	0.054907 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.010185	3.5	279.889	uncal mg/L	Y 371.029
B 182.577	0.009476	mg/L	0.001368	14.4	10.7946	0.473795 mg/L	Y 371.029
B 249.678	0.006451	mg/L	0.000962	14.9	130.554	0.322540 mg/L	Y 371.029
B 249.772	0.009512	mg/L	0.000686	7.2	344.994	0.475621 mg/L	Y 371.029
Ba 233.527	0.000286	mg/L	0.000121	42.3	179.671	0.014294 mg/L	Y 371.029
Ba 455.403	-0.000064uv	mg/L	0.000005	7.4	4555.56	-0.003180 mg/L	Y 371.029
Ba 493.408	-0.000166uv	mg/L	0.000015	9.3	2747.33	-0.008296 mg/L	Y 371.029
Be 234.861	0.000205	mg/L	0.000019	9.2	3.54575	0.010242 mg/L	Y 371.029
Be 313.042	-0.000238uv	mg/L	0.000007	3.0	1511.29	-0.011925 mg/L	Y 371.029
Be 313.107	0.000037	mg/L	0.000005	12.6	33.5415	0.001854 mg/L	Y 371.029
Ca 393.366	3.99165n	mg/L	0.057864	1.4	5182733	199.582 mg/L	Y 371.029
Ca 396.847	3.65706	mg/L	0.010921	0.3	7315466	182.853 mg/L	Y 371.029
Ca 430.253	3.93918	mg/L	0.014483	0.4	15528.8	196.959 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 214.439	0.211973	mg/L	0.000927	0.4	3421.27	10.5987 mg/L	Y 371.029
Cd 226.502	0.211374	mg/L	0.000255	0.1	6303.06	10.5687 mg/L	Y 371.029
Cd 228.802	0.202042	mg/L	0.002495	1.2	2681.94	10.1021 mg/L	Y 371.029
Co 228.615	0.000838	mg/L	0.000147	17.6	17.9953	0.041900 mg/L	Y 371.029
Co 230.786	0.000620	mg/L	0.000701	113.1	18.3885	0.030976 mg/L	Y 371.029
Co 238.892	0.003892uv	mg/L	0.000577	14.8	4.46076	0.194595 mg/L	Y 371.029
Cr 205.560	-0.000922	mg/L	0.000223	24.2	2.96985	-0.046109 mg/L	Y 371.029
Cr 206.158	-0.003961	mg/L	0.002711	68.4	7.68238	-0.198045 mg/L	Y 371.029
Cr 267.716	-0.000726uv	mg/L	0.000127	17.5	16.7478	-0.036305 mg/L	Y 371.029
Cu 213.598	0.003985	mg/L	0.000611	15.3	20.5730	0.199274 mg/L	Y 371.029
Cu 324.754	0.005090	mg/L	0.000067	1.3	529.864	0.254497 mg/L	Y 371.029
Cu 327.395	0.003400	mg/L	0.000242	7.1	201.483	0.170021 mg/L	Y 371.029
Fe 234.350	4.14717	mg/L	0.020372	0.5	30711.7	207.358 mg/L	Y 371.029
Fe 238.204	4.06274	mg/L	0.051953	1.3	65895.2	203.137 mg/L	Y 371.029
Fe 259.940	4.06753	mg/L	0.048665	1.2	55389.6	203.376 mg/L	Y 371.029
Ga 287.423	-0.012397	mg/L	0.006544	52.8	46.2259	-0.619865 mg/L	Y 371.029
Ga 294.363	-0.000950uv	mg/L	0.000541	56.9	11.6313	-0.047518 mg/L	Y 371.029
Ga 417.204	-0.000115	mg/L	0.000482	420.4	52.7971	-0.005737 mg/L	Y 371.029
K 766.491	0.365396	mg/L	0.000493	0.1	22075.9	18.2698 mg/L	Y 371.029
K 769.897	0.355748	mg/L	0.001384	0.4	24596.2	17.7874 mg/L	Y 371.029
Li 610.365	0.001157	mg/L	0.000108	9.3	-10.3994	0.057873 mg/L	Y 371.029
Li 670.783	0.000706	mg/L	0.000092	13.0	56020.7	0.035305 mg/L	Y 371.029
Mg 279.078	2.20207	mg/L	0.005367	0.2	2898.00	110.104 mg/L	Y 371.029
Mg 280.270	2.22944	mg/L	0.006580	0.3	203015	111.472 mg/L	Y 371.029
Mg 285.213	2.16711	mg/L	0.012094	0.6	65278.6	108.355 mg/L	Y 371.029
Mn 257.610	0.342633	mg/L	0.003463	1.0	46265.0	17.1316 mg/L	Y 371.029
Mn 259.372	0.339867	mg/L	0.003869	1.1	34441.4	16.9933 mg/L	Y 371.029
Mn 260.568	0.346352	mg/L	0.000374	0.1	6253.57	17.3176 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000961	15.2	34.3600	uncal mg/L	Y 371.029
Mo 203.846	0.005530	mg/L	0.001798	32.5	14.2640	0.276482 mg/L	Y 371.029
Mo 204.598	0.005511	mg/L	0.002656	48.2	12.7827	0.275558 mg/L	Y 371.029
Na 568.821	6.20157	mg/L	0.039396	0.6	1562.90	310.078 mg/L	Y 371.029
Na 588.995	7.22108	mg/L	0.011077	0.2	3325738	361.054 mg/L	Y 371.029
Na 589.592	6.87939	mg/L	0.004045	0.1	1692464	343.970 mg/L	Y 371.029
Ni 216.555	-0.001269	mg/L	0.000201	15.8	12.0772	-0.063442 mg/L	Y 371.029
Ni 221.648	-0.002184	mg/L	0.000844	38.6	6.26956	-0.109222 mg/L	Y 371.029
Ni 231.604	-0.001283	mg/L	0.000617	48.1	13.8521	-0.064173 mg/L	Y 371.029
P 177.434	-0.003605uv	mg/L	0.013285	368.5	0.274429	-0.180269 mg/L	Y 371.029
P 213.618	-0.001565	mg/L	0.003207	204.9	3.06116	-0.078245 mg/L	Y 371.029
P 214.914	0.028493	mg/L	0.022004	77.2	4.05400	1.42466 mg/L	Y 371.029
Pb 220.353	-0.002681uv	mg/L	0.000617	23.0	2.90077	-0.134047 mg/L	Y 371.029
Pb 261.417	0.000938uv	mg/L	0.006110	651.1	6.99583	0.046920 mg/L	Y 371.029
Pb 405.781	-0.000193uv	mg/L	0.001901	986.6	86.2161	-0.009634 mg/L	Y 371.029
Sb 206.834	0.010438	mg/L	0.001758	16.8	15.3873	0.521921 mg/L	Y 371.029
Sb 231.146	0.020651	mg/L	0.002603	12.6	13.2635	1.03253 mg/L	Y 371.029
Sb 259.804	-0.040212uv	mg/L	0.004547	11.3	3.49623	-2.01061 mg/L	Y 371.029
Se 196.026	0.000708uv	mg/L	0.001846	260.6	4.21084	0.035406 mg/L	Y 371.029
Se 203.985	0.002611uv	mg/L	0.001391	53.3	1.72826	0.130566 mg/L	Y 371.029
Si 250.690	0.254840	mg/L	0.001575	0.6	439.571	12.7420 mg/L	Y 371.029
Si 251.611	0.249832	mg/L	0.003291	1.3	509.583	12.4916 mg/L	Y 371.029
Si 288.158	0.262207	mg/L	0.002701	1.0	3083.02	13.1104 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sn 189.927	0.004442	mg/L	0.001524	34.3	2.55918	0.222110 mg/L	Y 371.029
Sn 283.998	-0.005871uv	mg/L	0.001836	31.3	7.82635	-0.293569 mg/L	Y 371.029
Sr 216.596	0.015014	mg/L	0.000217	1.4	142.174	0.750709 mg/L	Y 371.029
Sr 407.771	0.014715	mg/L	0.000007	0.1	43104.9	0.735770 mg/L	Y 371.029
Sr 421.552	0.014933	mg/L	0.000013	0.1	26996.3	0.746651 mg/L	Y 371.029
Ti 334.941	-0.001320	mg/L	0.000131	10.0	159.393	-0.065992 mg/L	Y 371.029
Ti 336.122	-0.000925	mg/L	0.000128	13.8	50.2191	-0.046244 mg/L	Y 371.029
Ti 337.280	-0.000905uv	mg/L	0.000289	31.9	15.9461	-0.045262 mg/L	Y 371.029
Tl 190.794	-0.007130uv	mg/L	0.001359	19.1	1.00268	-0.356491 mg/L	Y 371.029
Tl 190.807	0.003711	mg/L	0.003130	84.3	1.41872	0.185553 mg/L	Y 371.029
Tl 351.923	0.004079	mg/L	0.003801	93.2	12.5731	0.203969 mg/L	Y 371.029
V 268.796	0.000396	mg/L	0.000272	68.6	33.8704	0.019801 mg/L	Y 371.029
V 292.401	-0.001259	mg/L	0.000050	3.9	23.7666	-0.062954 mg/L	Y 371.029
V 311.837	-0.000224	mg/L	0.000108	48.1	6.74912	-0.011208 mg/L	Y 371.029
Zn 202.548	9.66222	mg/L	0.161705	1.7	69788.5	483.111 mg/L	Y 371.029
Zn 206.200	9.70609	mg/L	0.099468	1.0	22785.0	485.305 mg/L	Y 371.029
Zn 213.857	9.19528	mg/L	0.095686	1.0	136436	459.764 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14604	9189.84	50.320	0.5
Y 371.029	0.943862	155649	835.129	0.5

SEQ-CCVE (Samp) **11/4/2011, 6:30:05 PM** **Rack 4, Tube 27**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.099182	mg/L	0.001211	1.2	4834.47	0.099182 mg/L	Y 371.029
Ag 338.289	0.098297	mg/L	0.001722	1.8	274.957	0.098297 mg/L	Y 371.029
Al 237.312	2.59596	mg/L	0.006032	0.2	3536.27	2.59596 mg/L	Y 371.029
Al 257.509	2.60766	mg/L	0.045161	1.7	1527.95	2.60766 mg/L	Y 371.029
Al 308.215	2.59938	mg/L	0.038680	1.5	14438.1	2.59938 mg/L	Y 371.029
As 188.980	0.531926	mg/L	0.008087	1.5	154.530	0.531926 mg/L	Y 371.029
As 193.696	0.526208	mg/L	0.009432	1.8	174.632	0.526208 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.022722	2.7	552.524	uncal mg/L	Y 371.029
B 182.577	0.511194	mg/L	0.017075	3.3	224.233	0.511194 mg/L	Y 371.029
B 249.678	0.501307	mg/L	0.014151	2.8	3966.36	0.501307 mg/L	Y 371.029
B 249.772	0.493077	mg/L	0.021290	4.3	8496.27	0.493077 mg/L	Y 371.029
Ba 233.527	0.519367	mg/L	0.007924	1.5	17597.6	0.519367 mg/L	Y 371.029
Ba 455.403	0.496474	mg/L	0.010474	2.1	473750	0.496474 mg/L	Y 371.029
Ba 493.408	0.510590	mg/L	0.006891	1.3	283937	0.510590 mg/L	Y 371.029
Be 234.861	0.525428	mg/L	0.008842	1.7	52710.8	0.525428 mg/L	Y 371.029
Be 313.042	0.522419	mg/L	0.007404	1.4	809875	0.522419 mg/L	Y 371.029
Be 313.107	0.522792	mg/L	0.007255	1.4	386649	0.522792 mg/L	Y 371.029
Ca 393.366	4.94494n	mg/L	0.068820	1.4	6401160	4.94494 mg/L	Y 371.029
Ca 396.847	4.60487	mg/L	0.065003	1.4	9186662	4.60487 mg/L	Y 371.029
Ca 430.253	4.98307	mg/L	0.076651	1.5	19273.1	4.98307 mg/L	Y 371.029
Cd 214.439	0.271754	mg/L	0.000951	0.3	4380.28	0.271754 mg/L	Y 371.029
Cd 226.502	0.267822	mg/L	0.004229	1.6	7956.92	0.267822 mg/L	Y 371.029
Cd 228.802	0.261775	mg/L	0.002197	0.8	3467.39	0.261775 mg/L	Y 371.029
Co 228.615	0.531302	mg/L	0.005095	1.0	4354.83	0.531302 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Co 230.786	0.532318	mg/L	0.004376	0.8	2860.83	0.532318 mg/L	Y 371.029
Co 238.892	0.534870	mg/L	0.005802	1.1	2732.02	0.534870 mg/L	Y 371.029
Cr 205.560	0.525836	mg/L	0.001510	0.3	1922.13	0.525836 mg/L	Y 371.029
Cr 206.158	0.524464	mg/L	0.002970	0.6	799.662	0.524464 mg/L	Y 371.029
Cr 267.716	0.519135	mg/L	0.009166	1.8	9864.24	0.519135 mg/L	Y 371.029
Cu 213.598	0.541564	mg/L	0.006753	1.2	1694.96	0.541564 mg/L	Y 371.029
Cu 324.754	0.513648	mg/L	0.007680	1.5	17829.8	0.513648 mg/L	Y 371.029
Cu 327.395	0.511616	mg/L	0.007292	1.4	22061.6	0.511616 mg/L	Y 371.029
Fe 234.350	0.542310	mg/L	0.008463	1.6	4238.02	0.542310 mg/L	Y 371.029
Fe 238.204	0.530280	mg/L	0.008358	1.6	8875.59	0.530280 mg/L	Y 371.029
Fe 259.940	0.530243	mg/L	0.008122	1.5	7439.24	0.530243 mg/L	Y 371.029
Ga 287.423	0.512138	mg/L	0.004175	0.8	1145.23	0.512138 mg/L	Y 371.029
Ga 294.363	0.517195	mg/L	0.004990	1.0	3033.81	0.517195 mg/L	Y 371.029
Ga 417.204	0.510742	mg/L	0.007987	1.6	4700.35	0.510742 mg/L	Y 371.029
K 766.491	5.41719	mg/L	0.052863	1.0	298793	5.41719 mg/L	Y 371.029
K 769.897	5.20195	mg/L	0.053650	1.0	244172	5.20195 mg/L	Y 371.029
Li 610.365	1.06833	mg/L	0.014174	1.3	43274.7	1.06833 mg/L	Y 371.029
Li 670.783	1.14274	mg/L	0.016071	1.4	2948648	1.14274 mg/L	Y 371.029
Mg 279.078	5.38222	mg/L	0.085850	1.6	7074.87	5.38222 mg/L	Y 371.029
Mg 280.270	5.46162	mg/L	0.090476	1.7	495913	5.46162 mg/L	Y 371.029
Mg 285.213	5.42092	mg/L	0.091673	1.7	162845	5.42092 mg/L	Y 371.029
Mn 257.610	0.521029	mg/L	0.006509	1.2	71245.4	0.521029 mg/L	Y 371.029
Mn 259.372	0.524822	mg/L	0.008831	1.7	52938.8	0.524822 mg/L	Y 371.029
Mn 260.568	0.524939	mg/L	0.005932	1.1	9491.30	0.524939 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.031898	3.0	3310.34	uncal mg/L	Y 371.029
Mo 203.846	1.07777	mg/L	0.021878	2.0	1332.41	1.07777 mg/L	Y 371.029
Mo 204.598	1.06997	mg/L	0.020871	2.0	1562.18	1.06997 mg/L	Y 371.029
Na 568.821	4.99378	mg/L	0.042689	0.9	1221.65	4.99378 mg/L	Y 371.029
Na 588.995	5.67980	mg/L	0.068711	1.2	2668551	5.67980 mg/L	Y 371.029
Na 589.592	5.31843	mg/L	0.069400	1.3	1346248	5.31843 mg/L	Y 371.029
Ni 216.555	1.08236	mg/L	0.018333	1.7	4809.01	1.08236 mg/L	Y 371.029
Ni 221.648	1.06712	mg/L	0.015225	1.4	1929.64	1.06712 mg/L	Y 371.029
Ni 231.604	1.06851	mg/L	0.009624	0.9	3203.70	1.06851 mg/L	Y 371.029
P 177.434	0.662562	mg/L	0.020204	3.0	27.3971	0.662562 mg/L	Y 371.029
P 213.618	0.535165	mg/L	0.012953	2.4	278.986	0.535165 mg/L	Y 371.029
P 214.914	0.533383	mg/L	0.016029	3.0	86.4984	0.533383 mg/L	Y 371.029
Pb 220.353	1.06781	mg/L	0.017645	1.7	1047.05	1.06781 mg/L	Y 371.029
Pb 261.417	1.00571	mg/L	0.019425	1.9	504.153	1.00571 mg/L	Y 371.029
Pb 405.781	1.00485	mg/L	0.019329	1.9	1405.42	1.00485 mg/L	Y 371.029
Sb 206.834	1.09064	mg/L	0.015098	1.4	628.763	1.09064 mg/L	Y 371.029
Sb 231.146	1.08852	mg/L	0.012092	1.1	514.457	1.08852 mg/L	Y 371.029
Sb 259.804	1.12890	mg/L	0.013222	1.2	438.883	1.12890 mg/L	Y 371.029
Se 196.026	1.09046	mg/L	0.044093	4.0	248.916	1.09046 mg/L	Y 371.029
Se 203.985	1.07778	mg/L	0.055260	5.1	152.297	1.07778 mg/L	Y 371.029
Si 250.690	1.06889	mg/L	0.013476	1.3	1396.77	1.06889 mg/L	Y 371.029
Si 251.611	1.04723	mg/L	0.012250	1.2	1619.01	1.04723 mg/L	Y 371.029
Si 288.158	1.07720	mg/L	0.008318	0.8	8391.18	1.07720 mg/L	Y 371.029
Sn 189.927	1.07961	mg/L	0.020780	1.9	225.111	1.07961 mg/L	Y 371.029
Sn 283.998	1.06683	mg/L	0.022024	2.1	1845.68	1.06683 mg/L	Y 371.029
Sr 216.596	0.535965	mg/L	0.007981	1.5	4180.83	0.535965 mg/L	Y 371.029
Sr 407.771	0.498623	mg/L	0.004677	0.9	1263054	0.498623 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 421.552	0.505891	mg/L	0.005327	1.1	795660	0.505891 mg/L	Y 371.029
Ti 334.941	0.517260	mg/L	0.008322	1.6	98639.7	0.517260 mg/L	Y 371.029
Ti 336.122	0.522420	mg/L	0.009408	1.8	42514.4	0.522420 mg/L	Y 371.029
Ti 337.280	0.515750	mg/L	0.010111	2.0	15095.5	0.515750 mg/L	Y 371.029
Tl 190.794	0.533167	mg/L	0.009052	1.7	154.025	0.533167 mg/L	Y 371.029
Tl 190.807	0.521630	mg/L	0.005050	1.0	84.4870	0.521630 mg/L	Y 371.029
Tl 351.923	0.531030	mg/L	0.013732	2.6	625.698	0.531030 mg/L	Y 371.029
V 268.796	0.524158	mg/L	0.009737	1.9	5107.54	0.524158 mg/L	Y 371.029
V 292.401	0.511326	mg/L	0.009631	1.9	16267.0	0.511326 mg/L	Y 371.029
V 311.837	0.524268	mg/L	0.008024	1.5	22952.8	0.524268 mg/L	Y 371.029
Zn 202.548	0.560171	mg/L	0.008925	1.6	4583.06	0.560171 mg/L	Y 371.029
Zn 206.200	0.556709	mg/L	0.001152	0.2	1472.76	0.556709 mg/L	Y 371.029
Zn 213.857	0.529325	mg/L	0.004517	0.9	8960.60	0.529325 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12414	9014.25	108.644	1.2
Y 371.029	0.928577	153129	2130.182	1.4

SEQ-CCBE (Samp) **11/4/2011, 6:34:02 PM** **Rack 4, Tube 28**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000808	mg/L	0.000194	24.0	360.067	0.000808 mg/L	Y 371.029
Ag 338.289	0.000173uv	mg/L	0.000815	471.0	3.24164	0.000173 mg/L	Y 371.029
Al 237.312	-0.002116uv	mg/L	0.001028	48.6	61.8526	-0.002116 mg/L	Y 371.029
Al 257.509	0.013520	mg/L	0.010380	76.8	22.5576	0.013520 mg/L	Y 371.029
Al 308.215	-0.000880uv	mg/L	0.000851	96.7	625.074	-0.000880 mg/L	Y 371.029
As 188.980	0.004022uv	mg/L	0.004577	113.8	5.26629	0.004022 mg/L	Y 371.029
As 193.696	0.004220	mg/L	0.001618	38.3	4.15591	0.004220 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.010266	146.4	9.47808	uncal mg/L	Y 371.029
B 182.577	0.014108	mg/L	0.005636	39.9	11.9582	0.014108 mg/L	Y 371.029
B 249.678	0.015841	mg/L	0.004489	28.3	190.724	0.015841 mg/L	Y 371.029
B 249.772	0.015698	mg/L	0.004035	25.7	402.083	0.015698 mg/L	Y 371.029
Ba 233.527	0.000144uv	mg/L	0.000230	159.4	170.264	0.000144 mg/L	Y 371.029
Ba 455.403	-0.000279uv	mg/L	0.000005	1.9	4305.78	-0.000279 mg/L	Y 371.029
Ba 493.408	-0.000295uv	mg/L	0.000025	8.4	2607.41	-0.000295 mg/L	Y 371.029
Be 234.861	0.000005uv	mg/L	0.000029	580.9	-1.56743	0.000005 mg/L	Y 371.029
Be 313.042	-0.000262uv	mg/L	0.000008	2.9	1527.93	-0.000262 mg/L	Y 371.029
Be 313.107	0.000039	mg/L	0.000002	6.4	44.3336	0.000039 mg/L	Y 371.029
Ca 393.366	-0.004934nuv	mg/L	0.000137	2.8	32404.2	-0.004934 mg/L	Y 371.029
Ca 396.847	-0.002234uv	mg/L	0.000070	3.1	44792.2	-0.002234 mg/L	Y 371.029
Ca 430.253	-0.007544uv	mg/L	0.006198	82.2	767.120	-0.007544 mg/L	Y 371.029
Cd 214.439	0.000074uv	mg/L	0.000120	161.4	5.71275	0.000074 mg/L	Y 371.029
Cd 226.502	0.000066	mg/L	0.000051	77.4	16.7352	0.000066 mg/L	Y 371.029
Cd 228.802	0.000245	mg/L	0.000189	77.0	17.7309	0.000245 mg/L	Y 371.029
Co 228.615	0.000329	mg/L	0.000033	10.1	3.69249	0.000329 mg/L	Y 371.029
Co 230.786	-0.000440uv	mg/L	0.000375	85.2	2.54839	-0.000440 mg/L	Y 371.029
Co 238.892	0.000194uv	mg/L	0.000610	314.7	4.19973	0.000194 mg/L	Y 371.029
Cr 205.560	0.000296	mg/L	0.000221	74.8	2.84191	0.000296 mg/L	Y 371.029
Cr 206.158	0.000420uv	mg/L	0.001065	253.3	2.52530	0.000420 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 267.716	0.000143	mg/L	0.000086	59.9	17.8146	0.000143 mg/L	Y 371.029
Cu 213.598	0.000310	mg/L	0.000174	56.3	1.15104	0.000310 mg/L	Y 371.029
Cu 324.754	-0.001776uv	mg/L	0.000285	16.0	387.481	-0.001776 mg/L	Y 371.029
Cu 327.395	-0.000074uv	mg/L	0.000161	217.9	14.5793	-0.000074 mg/L	Y 371.029
Fe 234.350	0.000851	mg/L	0.000489	57.5	35.3441	0.000851 mg/L	Y 371.029
Fe 238.204	0.001604	mg/L	0.000409	25.5	55.7356	0.001604 mg/L	Y 371.029
Fe 259.940	0.001613	mg/L	0.000254	15.7	63.1194	0.001613 mg/L	Y 371.029
Ga 287.423	0.004121uv	mg/L	0.003765	91.4	18.7599	0.004121 mg/L	Y 371.029
Ga 294.363	-0.000052uv	mg/L	0.000219	418.0	8.45107	-0.000052 mg/L	Y 371.029
Ga 417.204	0.000378uv	mg/L	0.000405	107.1	42.6100	0.000378 mg/L	Y 371.029
K 766.491	-0.001653uv	mg/L	0.000179	10.8	1732.05	-0.001653 mg/L	Y 371.029
K 769.897	0.003035	mg/L	0.002173	71.6	8653.25	0.003035 mg/L	Y 371.029
Li 610.365	0.001089	mg/L	0.000106	9.8	-13.1963	0.001089 mg/L	Y 371.029
Li 670.783	0.000456	mg/L	0.000047	10.4	54017.7	0.000456 mg/L	Y 371.029
Mg 279.078	0.006980	mg/L	0.001394	20.0	14.0173	0.006980 mg/L	Y 371.029
Mg 280.270	-0.001399uv	mg/L	0.000082	5.9	361.025	-0.001399 mg/L	Y 371.029
Mg 285.213	-0.001346uv	mg/L	0.000136	10.1	97.2102	-0.001346 mg/L	Y 371.029
Mn 257.610	0.000030	mg/L	0.000017	56.5	15.4533	0.000030 mg/L	Y 371.029
Mn 259.372	0.000001	mg/L	0.000086	6778.6	38.6503	0.000001 mg/L	Y 371.029
Mn 260.568	-0.000039uv	mg/L	0.000156	405.2	3.80107	-0.000039 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.003001	12.3	89.3273	uncal mg/L	Y 371.029
Mo 203.846	0.025112	mg/L	0.003488	13.9	37.5676	0.025112 mg/L	Y 371.029
Mo 204.598	0.023569	mg/L	0.003052	13.0	38.2388	0.023569 mg/L	Y 371.029
Na 568.821	0.998188	mg/L	0.057504	5.8	135.674	0.998188 mg/L	Y 371.029
Na 588.995	-0.236322uv	mg/L	0.000430	0.2	143737	-0.236322 mg/L	Y 371.029
Na 589.592	-0.515228uv	mg/L	0.000579	0.1	56906.4	-0.515228 mg/L	Y 371.029
Ni 216.555	0.000134uv	mg/L	0.000525	393.6	4.05525	0.000134 mg/L	Y 371.029
Ni 221.648	-0.000097uv	mg/L	0.000426	438.6	3.59173	-0.000097 mg/L	Y 371.029
Ni 231.604	-0.000578uv	mg/L	0.000529	91.5	6.46644	-0.000578 mg/L	Y 371.029
P 177.434	0.005505	mg/L	0.000833	15.1	0.696897	0.005505 mg/L	Y 371.029
P 213.618	0.002729	mg/L	0.000661	24.2	1.30752	0.002729 mg/L	Y 371.029
P 214.914	0.005114uv	mg/L	0.006260	122.4	0.666203	0.005114 mg/L	Y 371.029
Pb 220.353	0.000139uv	mg/L	0.001143	824.3	4.72780	0.000139 mg/L	Y 371.029
Pb 261.417	0.010721	mg/L	0.004566	42.6	12.2243	0.010721 mg/L	Y 371.029
Pb 405.781	0.004478	mg/L	0.001679	37.5	91.2791	0.004478 mg/L	Y 371.029
Sb 206.834	0.006199	mg/L	0.002340	37.7	9.75402	0.006199 mg/L	Y 371.029
Sb 231.146	0.004574	mg/L	0.002854	62.4	7.84634	0.004574 mg/L	Y 371.029
Sb 259.804	0.002453uv	mg/L	0.011568	471.7	12.5913	0.002453 mg/L	Y 371.029
Se 196.026	0.013136	mg/L	0.003612	27.5	7.13148	0.013136 mg/L	Y 371.029
Se 203.985	0.015162uv	mg/L	0.015329	101.1	3.85352	0.015162 mg/L	Y 371.029
Si 250.690	-0.002243uv	mg/L	0.001504	67.1	135.742	-0.002243 mg/L	Y 371.029
Si 251.611	0.000187uv	mg/L	0.000880	470.8	153.639	0.000187 mg/L	Y 371.029
Si 288.158	-0.012820uv	mg/L	0.000624	4.9	1334.19	-0.012820 mg/L	Y 371.029
Sn 189.927	0.004525	mg/L	0.001909	42.2	2.68017	0.004525 mg/L	Y 371.029
Sn 283.998	0.000110uv	mg/L	0.001865	1698.6	8.76197	0.000110 mg/L	Y 371.029
Sr 216.596	-0.000037uv	mg/L	0.000290	788.6	16.1922	-0.000037 mg/L	Y 371.029
Sr 407.771	-0.000084uv	mg/L	0.000004	5.3	5504.55	-0.000084 mg/L	Y 371.029
Sr 421.552	-0.000042uv	mg/L	0.000006	14.1	3344.99	-0.000042 mg/L	Y 371.029
Ti 334.941	0.000826	mg/L	0.000327	39.6	287.915	0.000826 mg/L	Y 371.029
Ti 336.122	0.000975	mg/L	0.000321	33.0	93.6243	0.000975 mg/L	Y 371.029
Ti 337.280	0.000681	mg/L	0.000432	63.5	30.1372	0.000681 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 190.794	-0.001843uv	mg/L	0.004817	261.3	1.37336	-0.001843 mg/L	Y 371.029
Tl 190.807	0.001949uv	mg/L	0.003191	163.7	0.958292	0.001949 mg/L	Y 371.029
Tl 351.923	0.006220uv	mg/L	0.007734	124.3	13.2087	0.006220 mg/L	Y 371.029
V 268.796	0.001858	mg/L	0.000119	6.4	55.6811	0.001858 mg/L	Y 371.029
V 292.401	0.000001uv	mg/L	0.000233	25545.5	21.5049	0.000001 mg/L	Y 371.029
V 311.837	0.000190	mg/L	0.000094	49.6	8.44915	0.000190 mg/L	Y 371.029
Zn 202.548	0.004277	mg/L	0.000460	10.7	547.282	0.004277 mg/L	Y 371.029
Zn 206.200	0.002882	mg/L	0.000475	16.5	176.518	0.002882 mg/L	Y 371.029
Zn 213.857	0.002341	mg/L	0.000698	29.8	1072.21	0.002341 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13597	9109.08	48.662	0.5
Y 371.029	0.939151	154873	847.708	0.5

11J1391-20 (Samp) **11/4/2011, 6:37:07 PM** **Rack 4, Tube 29**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 50**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000914	mg/L	0.000213	23.3	368.291	0.045680 mg/L	Y 371.029
Ag 338.289	-0.000405uv	mg/L	0.001271	314.2	4.18730	-0.020226 mg/L	Y 371.029
Al 237.312	-0.001271uv	mg/L	0.000369	29.0	62.7061	-0.063537 mg/L	Y 371.029
Al 257.509	0.008883	mg/L	0.009528	107.3	24.7548	0.444145 mg/L	Y 371.029
Al 308.215	0.025732	mg/L	0.001046	4.1	656.962	1.28662 mg/L	Y 371.029
As 188.980	0.003389uv	mg/L	0.003467	102.3	4.54181	0.169438 mg/L	Y 371.029
As 193.696	0.004070uv	mg/L	0.003394	83.4	3.51932	0.203487 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.003968	2.0	240.010	uncal mg/L	Y 371.029
B 182.577	0.007815	mg/L	0.003164	40.5	10.0835	0.390735 mg/L	Y 371.029
B 249.678	0.005674	mg/L	0.001425	25.1	124.475	0.283705 mg/L	Y 371.029
B 249.772	0.008939	mg/L	0.000722	8.1	335.080	0.446960 mg/L	Y 371.029
Ba 233.527	0.000184	mg/L	0.000063	34.3	176.187	0.009183 mg/L	Y 371.029
Ba 455.403	-0.000042uv	mg/L	0.000022	51.9	4574.38	-0.002117 mg/L	Y 371.029
Ba 493.408	-0.000144uv	mg/L	0.000033	23.2	2758.51	-0.007203 mg/L	Y 371.029
Be 234.861	0.000221	mg/L	0.000025	11.6	5.17673	0.011027 mg/L	Y 371.029
Be 313.042	-0.000225uv	mg/L	0.000008	3.8	1532.67	-0.011234 mg/L	Y 371.029
Be 313.107	0.000048	mg/L	0.000007	15.4	41.7877	0.002411 mg/L	Y 371.029
Ca 393.366	3.90835n	mg/L	0.007616	0.2	5075597	195.418 mg/L	Y 371.029
Ca 396.847	3.58505	mg/L	0.002131	0.1	7172634	179.253 mg/L	Y 371.029
Ca 430.253	3.87194	mg/L	0.017064	0.4	15279.6	193.597 mg/L	Y 371.029
Cd 214.439	0.209444	mg/L	0.000839	0.4	3380.53	10.4722 mg/L	Y 371.029
Cd 226.502	0.208512	mg/L	0.000420	0.2	6218.18	10.4256 mg/L	Y 371.029
Cd 228.802	0.200631	mg/L	0.000424	0.2	2663.34	10.0316 mg/L	Y 371.029
Co 228.615	0.000656	mg/L	0.000164	25.1	16.4649	0.032819 mg/L	Y 371.029
Co 230.786	0.001099	mg/L	0.000493	44.9	20.9306	0.054935 mg/L	Y 371.029
Co 238.892	0.003650uv	mg/L	0.000050	1.4	3.30034	0.182522 mg/L	Y 371.029
Cr 205.560	-0.000895	mg/L	0.000124	13.8	3.06446	-0.044757 mg/L	Y 371.029
Cr 206.158	-0.004317	mg/L	0.004080	94.5	7.12436	-0.215845 mg/L	Y 371.029
Cr 267.716	-0.000436	mg/L	0.000033	7.6	22.2345	-0.021811 mg/L	Y 371.029
Cu 213.598	0.009138	mg/L	0.001184	13.0	36.6004	0.456878 mg/L	Y 371.029
Cu 324.754	0.011033	mg/L	0.000191	1.7	731.671	0.551651 mg/L	Y 371.029
Cu 327.395	0.009091	mg/L	0.000069	0.8	446.419	0.454568 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 234.350	4.13248	mg/L	0.016621	0.4	30603.4	206.624 mg/L	Y 371.029
Fe 238.204	4.06492	mg/L	0.033293	0.8	65929.6	203.246 mg/L	Y 371.029
Fe 259.940	4.05559	mg/L	0.037985	0.9	55227.7	202.780 mg/L	Y 371.029
Ga 287.423	-0.016029	mg/L	0.003638	22.7	38.1477	-0.801438 mg/L	Y 371.029
Ga 294.363	-0.001880uv	mg/L	0.000243	12.9	6.19533	-0.094017 mg/L	Y 371.029
Ga 417.204	0.001362	mg/L	0.001658	121.7	65.5794	0.068105 mg/L	Y 371.029
K 766.491	0.360049	mg/L	0.000219	0.1	21782.0	18.0024 mg/L	Y 371.029
K 769.897	0.351263	mg/L	0.001897	0.5	24392.5	17.5631 mg/L	Y 371.029
Li 610.365	0.001279	mg/L	0.000104	8.1	-5.46530	0.063956 mg/L	Y 371.029
Li 670.783	0.000770	mg/L	0.000188	24.4	56176.6	0.038494 mg/L	Y 371.029
Mg 279.078	2.16759	mg/L	0.008068	0.4	2852.70	108.380 mg/L	Y 371.029
Mg 280.270	2.21008	mg/L	0.006293	0.3	201258	110.504 mg/L	Y 371.029
Mg 285.213	2.17667	mg/L	0.002298	0.1	65565.5	108.834 mg/L	Y 371.029
Mn 257.610	0.342942	mg/L	0.003327	1.0	46309.2	17.1471 mg/L	Y 371.029
Mn 259.372	0.341357	mg/L	0.003556	1.0	34588.5	17.0678 mg/L	Y 371.029
Mn 260.568	0.339539	mg/L	0.001005	0.3	6130.96	16.9770 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001970	21.7	42.7884	uncal mg/L	Y 371.029
Mo 203.846	0.008039	mg/L	0.002680	33.3	17.2898	0.401964 mg/L	Y 371.029
Mo 204.598	0.007266	mg/L	0.001434	19.7	15.2681	0.363291 mg/L	Y 371.029
Na 568.821	6.13122	mg/L	0.042728	0.7	1543.95	306.561 mg/L	Y 371.029
Na 588.995	7.14972	mg/L	0.012285	0.2	3295311	357.486 mg/L	Y 371.029
Na 589.592	6.80691	mg/L	0.008349	0.1	1676460	340.346 mg/L	Y 371.029
Ni 216.555	-0.000147	mg/L	0.000582	395.4	17.0067	-0.007361 mg/L	Y 371.029
Ni 221.648	-0.001911	mg/L	0.000818	42.8	6.74099	-0.095566 mg/L	Y 371.029
Ni 231.604	-0.000721	mg/L	0.000264	36.6	15.4974	-0.036046 mg/L	Y 371.029
P 177.434	0.012576uv	mg/L	0.016176	128.6	0.931323	0.628806 mg/L	Y 371.029
P 213.618	-0.001350	mg/L	0.001683	124.7	3.22285	-0.067499 mg/L	Y 371.029
P 214.914	0.013219	mg/L	0.003364	25.4	1.72595	0.660957 mg/L	Y 371.029
Pb 220.353	-0.001172uv	mg/L	0.001039	88.6	4.37105	-0.058590 mg/L	Y 371.029
Pb 261.417	0.003602	mg/L	0.001995	55.4	8.31540	0.180124 mg/L	Y 371.029
Pb 405.781	0.003117uv	mg/L	0.007659	245.8	90.5110	0.155826 mg/L	Y 371.029
Sb 206.834	-0.002741	mg/L	0.000543	19.8	7.88965	-0.137035 mg/L	Y 371.029
Sb 231.146	0.007804	mg/L	0.000472	6.1	7.30579	0.390206 mg/L	Y 371.029
Sb 259.804	-0.013680	mg/L	0.003778	27.6	13.4792	-0.684021 mg/L	Y 371.029
Se 196.026	0.001577uv	mg/L	0.003344	212.0	4.40514	0.078847 mg/L	Y 371.029
Se 203.985	0.003742uv	mg/L	0.009620	257.1	1.87661	0.187115 mg/L	Y 371.029
Si 250.690	0.249497	mg/L	0.001146	0.5	433.308	12.4749 mg/L	Y 371.029
Si 251.611	0.247182	mg/L	0.000807	0.3	505.849	12.3591 mg/L	Y 371.029
Si 288.158	0.256667	mg/L	0.000810	0.3	3046.85	12.8334 mg/L	Y 371.029
Sn 189.927	0.003919	mg/L	0.002963	75.6	2.45134	0.195970 mg/L	Y 371.029
Sn 283.998	-0.007766uv	mg/L	0.000761	9.8	5.05127	-0.388291 mg/L	Y 371.029
Sr 216.596	0.014950	mg/L	0.000196	1.3	141.639	0.747515 mg/L	Y 371.029
Sr 407.771	0.014498	mg/L	0.000052	0.4	42552.0	0.724893 mg/L	Y 371.029
Sr 421.552	0.014686	mg/L	0.000018	0.1	26606.1	0.734282 mg/L	Y 371.029
Ti 334.941	-0.001279	mg/L	0.000198	15.5	166.678	-0.063960 mg/L	Y 371.029
Ti 336.122	-0.001085	mg/L	0.000090	8.3	37.0525	-0.054260 mg/L	Y 371.029
Ti 337.280	-0.000727uv	mg/L	0.000337	46.4	21.1036	-0.036333 mg/L	Y 371.029
Tl 190.794	-0.005215uv	mg/L	0.002086	40.0	1.54654	-0.260728 mg/L	Y 371.029
Tl 190.807	0.002321uv	mg/L	0.005121	220.6	1.20061	0.116053 mg/L	Y 371.029
Tl 351.923	0.004172	mg/L	0.003370	80.8	12.6763	0.208608 mg/L	Y 371.029
V 268.796	0.000585	mg/L	0.000430	73.5	37.4056	0.029259 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	-0.001449uv	mg/L	0.000147	10.1	17.6636	-0.072460 mg/L	Y 371.029
V 311.837	-0.000145	mg/L	0.000044	30.6	10.1765	-0.007251 mg/L	Y 371.029
Zn 202.548	9.74491	mg/L	0.081208	0.8	70381.5	487.245 mg/L	Y 371.029
Zn 206.200	9.68955	mg/L	0.142258	1.5	22746.4	484.477 mg/L	Y 371.029
Zn 213.857	9.22077	mg/L	0.121548	1.3	136811	461.039 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14020	9142.98	28.367	0.3
Y 371.029	0.937808	154651	819.909	0.5

11J1391-21 (Samp) **11/4/2011, 6:41:01 PM** **Rack 4, Tube 30**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 10**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.003006b	mg/L	0.000164	5.5	362.773	-0.030064 mg/L	Y 371.029
Ag 338.289	0.000952uvb	mg/L	0.001332	139.9	6.57324	0.009524 mg/L	Y 371.029
Al 237.312	-0.020196uvb	mg/L	0.004608	22.8	54.2089	-0.201957 mg/L	Y 371.029
Al 257.509	-0.018019b	mg/L	0.001950	10.8	23.9399	-0.180190 mg/L	Y 371.029
Al 308.215	0.040089b	mg/L	0.001456	3.6	652.308	0.400889 mg/L	Y 371.029
As 188.980	0.015890b	mg/L	0.004397	27.7	5.47694	0.158903 mg/L	Y 371.029
As 193.696	0.006941uvb	mg/L	0.001667	24.0	2.55709	0.069408 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005261	3.6	131.487	uncal mg/L	Y 371.029
B 182.577	0.065336b	mg/L	0.001873	2.9	34.2715	0.653358 mg/L	Y 371.029
B 249.678	0.057918b	mg/L	0.001238	2.1	546.045	0.579184 mg/L	Y 371.029
B 249.772	0.063611b	mg/L	0.001188	1.9	1314.11	0.636113 mg/L	Y 371.029
Ba 233.527	0.003579b	mg/L	0.000123	3.4	311.840	0.035794 mg/L	Y 371.029
Ba 455.403	0.003423b	mg/L	0.000034	1.0	8042.63	0.034227 mg/L	Y 371.029
Ba 493.408	0.003214b	mg/L	0.000043	1.3	4827.48	0.032141 mg/L	Y 371.029
Be 234.861	0.000358b	mg/L	0.000121	33.9	9.50322	0.003578 mg/L	Y 371.029
Be 313.042	-0.000207uvb	mg/L	0.000015	7.3	1565.90	-0.002074 mg/L	Y 371.029
Be 313.107	0.000017b	mg/L	0.000017	99.7	35.1330	0.000166 mg/L	Y 371.029
Ca 393.366	10.3015nb	mg/L	0.073731	0.7	13304109	103.015 mg/L	Y 371.029
Ca 396.847	9.98927b	mg/L	0.066611	0.7	19881686	99.8927 mg/L	Y 371.029
Ca 430.253	11.4234b	mg/L	0.065456	0.6	43562.9	114.234 mg/L	Y 371.029
Cd 214.439	0.095655b	mg/L	0.000764	0.8	1546.64	0.956550 mg/L	Y 371.029
Cd 226.502	0.095889b	mg/L	0.000221	0.2	2878.12	0.958887 mg/L	Y 371.029
Cd 228.802	0.091603b	mg/L	0.001182	1.3	1222.38	0.916035 mg/L	Y 371.029
Co 228.615	0.003359b	mg/L	0.000239	7.1	38.9259	0.033594 mg/L	Y 371.029
Co 230.786	0.003294b	mg/L	0.000168	5.1	33.6587	0.032944 mg/L	Y 371.029
Co 238.892	0.005643uvb	mg/L	0.000919	16.3	7.05787	0.056427 mg/L	Y 371.029
Cr 205.560	-0.000871b	mg/L	0.000386	44.3	4.83306	-0.008715 mg/L	Y 371.029
Cr 206.158	0.009745b	mg/L	0.003782	38.8	23.8742	0.097447 mg/L	Y 371.029
Cr 267.716	-0.001010b	mg/L	0.000062	6.2	23.7110	-0.010096 mg/L	Y 371.029
Cu 213.598	-0.002244b	mg/L	0.000469	20.9	12.8404	-0.022435 mg/L	Y 371.029
Cu 324.754	0.004458uvb	mg/L	0.000129	2.9	448.520	0.044577 mg/L	Y 371.029
Cu 327.395	-0.000860b	mg/L	0.000127	14.7	83.0201	-0.008599 mg/L	Y 371.029
Fe 234.350	6.76558b	mg/L	0.186788	2.8	50059.7	67.6558 mg/L	Y 371.029
Fe 238.204	6.70349b	mg/L	0.156349	2.3	108662	67.0349 mg/L	Y 371.029
Fe 259.940	6.70493b	mg/L	0.267179	4.0	91160.8	67.0493 mg/L	Y 371.029
Ga 287.423	-0.026362b	mg/L	0.000771	2.9	57.6669	-0.263624 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	-0.002547uvb	mg/L	0.000699	27.5	11.5223	-0.025469 mg/L	Y 371.029
Ga 417.204	0.000291b	mg/L	0.000709	243.9	67.5611	0.002908 mg/L	Y 371.029
K 766.491	5.17688b	mg/L	0.017858	0.3	286246	51.7688 mg/L	Y 371.029
K 769.897	4.92503b	mg/L	0.018851	0.4	233079	49.2503 mg/L	Y 371.029
Li 610.365	0.002245b	mg/L	0.000125	5.6	33.7001	0.022447 mg/L	Y 371.029
Li 670.783	-0.000468b	mg/L	0.000471	100.8	57227.7	-0.004677 mg/L	Y 371.029
Mg 279.078	21.2474b	mg/L	0.143539	0.7	27920.3	212.474 mg/L	Y 371.029
Mg 280.270	20.1113b	mg/L	0.273273	1.4	1824757	201.113 mg/L	Y 371.029
Mg 285.213	21.6678b	mg/L	0.508101	2.3	650526	216.678 mg/L	Y 371.029
Mn 257.610	0.382849b	mg/L	0.009267	2.4	51675.4	3.82849 mg/L	Y 371.029
Mn 259.372	0.378503b	mg/L	0.009550	2.5	38851.6	3.78503 mg/L	Y 371.029
Mn 260.568	0.381793b	mg/L	0.001243	0.3	6979.52	3.81793 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001024	1.2	28.0728	uncal mg/L	Y 371.029
Mo 203.846	-0.092349b	mg/L	0.000312	0.3	10.9330	-0.923492 mg/L	Y 371.029
Mo 204.598	-0.093453b	mg/L	0.001736	1.9	10.1416	-0.934533 mg/L	Y 371.029
Na 568.821	165.159b	mg/L	2.82670	1.7	44056.8	1651.59 mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.52696	1.9	34303340	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.14141	1.6	29573488	- mg/L	Y 371.029
Ni 216.555	-0.001673b	mg/L	0.000399	23.8	18.2607	-0.016726 mg/L	Y 371.029
Ni 221.648	-0.003025b	mg/L	0.000457	15.1	8.73932	-0.030251 mg/L	Y 371.029
Ni 231.604	-0.000196b	mg/L	0.000727	371.8	22.9099	-0.001955 mg/L	Y 371.029
P 177.434	0.000205uvb	mg/L	0.007413	3612.7	0.290858	0.002052 mg/L	Y 371.029
P 213.618	-0.012679b	mg/L	0.001322	10.4	1.87217	-0.126793 mg/L	Y 371.029
P 214.914	0.017140b	mg/L	0.006648	38.8	2.77804	0.171397 mg/L	Y 371.029
Pb 220.353	-0.002027uvb	mg/L	0.002435	120.1	4.14330	-0.020270 mg/L	Y 371.029
Pb 261.417	-0.030885uvb	mg/L	0.010246	33.2	8.08117	-0.308852 mg/L	Y 371.029
Pb 405.781	-0.014019b	mg/L	0.004231	30.2	96.7705	-0.140195 mg/L	Y 371.029
Sb 206.834	-0.019649uvb	mg/L	0.003001	15.3	5.11595	-0.196486 mg/L	Y 371.029
Sb 231.146	0.007745uvb	mg/L	0.001517	19.6	3.94850	0.077454 mg/L	Y 371.029
Sb 259.804	-0.003900uvb	mg/L	0.015025	385.3	15.0334	-0.038998 mg/L	Y 371.029
Se 196.026	0.003283uvb	mg/L	0.006185	188.4	4.14913	0.032826 mg/L	Y 371.029
Se 203.985	0.015906uvb	mg/L	0.010352	65.1	2.37503	0.159063 mg/L	Y 371.029
Si 250.690	0.876957b	mg/L	0.006181	0.7	1178.61	8.76957 mg/L	Y 371.029
Si 251.611	0.851886b	mg/L	0.006010	0.7	1366.18	8.51886 mg/L	Y 371.029
Si 288.158	0.897489b	mg/L	0.014788	1.6	7247.42	8.97489 mg/L	Y 371.029
Sn 189.927	-0.000691uvb	mg/L	0.004978	720.5	2.08093	-0.006908 mg/L	Y 371.029
Sn 283.998	-0.025024uvb	mg/L	0.002042	8.2	3.55913	-0.250238 mg/L	Y 371.029
Sr 216.596	0.132577b	mg/L	0.000985	0.7	1057.93	1.32577 mg/L	Y 371.029
Sr 407.771	0.125930b	mg/L	0.001187	0.9	324164	1.25930 mg/L	Y 371.029
Sr 421.552	0.127129b	mg/L	0.000907	0.7	203124	1.27129 mg/L	Y 371.029
Ti 334.941	-0.000951uvb	mg/L	0.000138	14.5	110.236	-0.009511 mg/L	Y 371.029
Ti 336.122	-0.000963uvb	mg/L	0.000059	6.2	7.19054	-0.009626 mg/L	Y 371.029
Ti 337.280	-0.001134b	mg/L	0.000044	3.9	12.5922	-0.011344 mg/L	Y 371.029
Tl 190.794	-0.002374uvb	mg/L	0.001388	58.5	1.02251	-0.023737 mg/L	Y 371.029
Tl 190.807	0.000116uvb	mg/L	0.007352	6316.7	1.21147	0.001164 mg/L	Y 371.029
Tl 351.923	0.013788uvb	mg/L	0.010321	74.9	15.7487	0.137876 mg/L	Y 371.029
V 268.796	-0.012452b	mg/L	0.000263	2.1	31.7541	-0.124522 mg/L	Y 371.029
V 292.401	-0.001353b	mg/L	0.000017	1.2	28.4060	-0.013527 mg/L	Y 371.029
V 311.837	-0.000647b	mg/L	0.000128	19.7	9.34534	-0.006471 mg/L	Y 371.029
Zn 202.548	3.88236b	mg/L	0.145474	3.7	28489.7	38.8236 mg/L	Y 371.029
Zn 206.200	3.86177b	mg/L	0.125390	3.2	9213.84	38.6177 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	3.72017b	mg/L	0.135717	3.6	56114.3	37.2017 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.11621	8950.67	100.630	1.1
Y 371.029	0.915456	150965	1640.010	1.1

11J1391-25 (Samp) **11/4/2011, 6:45:09 PM** **Rack 4, Tube 31**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 50**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000737	mg/L	0.000140	19.0	364.142	0.036867 mg/L	Y 371.029
Ag 338.289	-0.000240uv	mg/L	0.001781	740.5	2.59957	-0.012023 mg/L	Y 371.029
Al 237.312	-0.010826uv	mg/L	0.000465	4.3	48.4804	-0.541276 mg/L	Y 371.029
Al 257.509	0.009978	mg/L	0.002536	25.4	21.6307	0.498899 mg/L	Y 371.029
Al 308.215	0.007100uv	mg/L	0.001380	19.4	631.894	0.354995 mg/L	Y 371.029
As 188.980	0.002426	mg/L	0.001314	54.2	4.65565	0.121279 mg/L	Y 371.029
As 193.696	-0.002496uv	mg/L	0.002170	87.0	1.82798	-0.124780 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.010542	254.0	7.62944	uncal mg/L	Y 371.029
B 182.577	0.398485	mg/L	0.011383	2.9	176.179	19.9243 mg/L	Y 371.029
B 249.678	0.386929	mg/L	0.011637	3.0	3076.50	19.3465 mg/L	Y 371.029
B 249.772	0.392005	mg/L	0.010829	2.8	6841.03	19.6002 mg/L	Y 371.029
Ba 233.527	0.000521	mg/L	0.000052	9.9	187.600	0.026055 mg/L	Y 371.029
Ba 455.403	0.000187	mg/L	0.000027	14.4	4809.33	0.009342 mg/L	Y 371.029
Ba 493.408	0.000119	mg/L	0.000014	12.0	2897.04	0.005938 mg/L	Y 371.029
Be 234.861	0.000285	mg/L	0.000009	3.0	5.16199	0.014263 mg/L	Y 371.029
Be 313.042	-0.000186uv	mg/L	0.000007	3.8	1632.68	-0.009321 mg/L	Y 371.029
Be 313.107	0.000021uv	mg/L	0.000021	99.9	29.7844	0.001054 mg/L	Y 371.029
Ca 393.366	3.92077n	mg/L	0.011983	0.3	5083634	196.038 mg/L	Y 371.029
Ca 396.847	3.38338	mg/L	0.021494	0.6	6762827	169.169 mg/L	Y 371.029
Ca 430.253	3.68452	mg/L	0.022345	0.6	14476.4	184.226 mg/L	Y 371.029
Cd 214.439	0.000078	mg/L	0.000101	129.8	6.99495	0.003900 mg/L	Y 371.029
Cd 226.502	0.000187	mg/L	0.000081	43.4	32.8527	0.009368 mg/L	Y 371.029
Cd 228.802	0.000229uv	mg/L	0.000451	196.8	17.8228	0.011456 mg/L	Y 371.029
Co 228.615	-0.000560	mg/L	0.000215	38.3	12.0697	-0.027977 mg/L	Y 371.029
Co 230.786	-0.000620	mg/L	0.000504	81.3	14.2315	-0.030992 mg/L	Y 371.029
Co 238.892	0.005387uv	mg/L	0.000979	18.2	4.62044	0.269343 mg/L	Y 371.029
Cr 205.560	-0.000584	mg/L	0.000197	33.8	2.93904	-0.029184 mg/L	Y 371.029
Cr 206.158	-0.002207uv	mg/L	0.001120	50.8	2.13406	-0.110351 mg/L	Y 371.029
Cr 267.716	-0.000703	mg/L	0.000127	18.0	17.1569	-0.035169 mg/L	Y 371.029
Cu 213.598	-0.000485	mg/L	0.000246	50.8	6.83082	-0.024233 mg/L	Y 371.029
Cu 324.754	-0.001829uv	mg/L	0.000012	0.7	381.373	-0.091431 mg/L	Y 371.029
Cu 327.395	-0.001116uv	mg/L	0.000132	11.9	18.5595	-0.055789 mg/L	Y 371.029
Fe 234.350	5.46897	mg/L	0.046133	0.8	40325.0	273.448 mg/L	Y 371.029
Fe 238.204	5.34573	mg/L	0.039261	0.7	86289.6	267.286 mg/L	Y 371.029
Fe 259.940	5.41992	mg/L	0.030246	0.6	73456.9	270.996 mg/L	Y 371.029
Ga 287.423	-0.019146	mg/L	0.000564	2.9	48.3214	-0.957277 mg/L	Y 371.029
Ga 294.363	0.000237	mg/L	0.000640	270.1	14.5815	0.011845 mg/L	Y 371.029
Ga 417.204	0.000355	mg/L	0.001589	447.5	54.9751	0.017754 mg/L	Y 371.029
K 766.491	0.271295	mg/L	0.001750	0.6	16774.8	13.5648 mg/L	Y 371.029
K 769.897	0.265298	mg/L	0.004175	1.6	20570.6	13.2649 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.001609	mg/L	0.000055	3.4	7.93002	0.080468 mg/L	Y 371.029
Li 670.783	0.001523	mg/L	0.000168	11.0	57282.0	0.076145 mg/L	Y 371.029
Mg 279.078	1.73252	mg/L	0.025416	1.5	2281.96	86.6259 mg/L	Y 371.029
Mg 280.270	1.76352	mg/L	0.014472	0.8	160516	88.1761 mg/L	Y 371.029
Mg 285.213	1.72134	mg/L	0.008934	0.5	51821.7	86.0671 mg/L	Y 371.029
Mn 257.610	0.209206	mg/L	0.002133	1.0	28269.0	10.4603 mg/L	Y 371.029
Mn 259.372	0.207899	mg/L	0.002097	1.0	21452.4	10.3950 mg/L	Y 371.029
Mn 260.568	0.209088	mg/L	0.001579	0.8	3777.41	10.4544 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.001086	73.4	21.1804	uncal mg/L	Y 371.029
Mo 203.846	0.003134	mg/L	0.003393	108.3	12.2901	0.156698 mg/L	Y 371.029
Mo 204.598	0.001010	mg/L	0.000469	46.4	7.48321	0.050522 mg/L	Y 371.029
Na 568.821	4.28515	mg/L	0.035040	0.8	1026.63	214.257 mg/L	Y 371.029
Na 588.995	4.73414	mg/L	0.046149	1.0	2263745	236.707 mg/L	Y 371.029
Na 589.592	4.35888	mg/L	0.042457	1.0	1133750	217.944 mg/L	Y 371.029
Ni 216.555	-0.002992	mg/L	0.000149	5.0	8.58957	-0.149625 mg/L	Y 371.029
Ni 221.648	-0.002324	mg/L	0.001087	46.8	6.85023	-0.116208 mg/L	Y 371.029
Ni 231.604	-0.003606	mg/L	0.000315	8.7	9.15085	-0.180306 mg/L	Y 371.029
P 177.434	0.001742uv	mg/L	0.012596	723.1	0.558393	0.087100 mg/L	Y 371.029
P 213.618	-0.004173uv	mg/L	0.001616	38.7	-0.889840	-0.208637 mg/L	Y 371.029
P 214.914	0.009405	mg/L	0.007292	77.5	1.69481	0.470256 mg/L	Y 371.029
Pb 220.353	-0.001153uv	mg/L	0.001200	104.1	3.75589	-0.057636 mg/L	Y 371.029
Pb 261.417	-0.001944uv	mg/L	0.005094	262.0	5.85993	-0.097203 mg/L	Y 371.029
Pb 405.781	0.010924	mg/L	0.004341	39.7	102.356	0.546182 mg/L	Y 371.029
Sb 206.834	-0.001652uv	mg/L	0.002673	161.8	6.43685	-0.082616 mg/L	Y 371.029
Sb 231.146	-0.006224uv	mg/L	0.001642	26.4	2.69786	-0.311220 mg/L	Y 371.029
Sb 259.804	-0.016542uv	mg/L	0.016734	101.2	12.6046	-0.827102 mg/L	Y 371.029
Se 196.026	0.002019uv	mg/L	0.003675	182.0	4.60005	0.100954 mg/L	Y 371.029
Se 203.985	0.009183uv	mg/L	0.016039	174.7	2.82706	0.459135 mg/L	Y 371.029
Si 250.690	0.302666	mg/L	0.004756	1.6	494.328	15.1333 mg/L	Y 371.029
Si 251.611	0.295406	mg/L	0.001452	0.5	567.895	14.7703 mg/L	Y 371.029
Si 288.158	0.300317	mg/L	0.003027	1.0	3371.43	15.0159 mg/L	Y 371.029
Sn 189.927	0.001335uv	mg/L	0.001768	132.4	2.01724	0.066757 mg/L	Y 371.029
Sn 283.998	-0.001595uv	mg/L	0.000795	49.8	8.15025	-0.079726 mg/L	Y 371.029
Sr 216.596	0.014122	mg/L	0.000140	1.0	135.052	0.706090 mg/L	Y 371.029
Sr 407.771	0.013982	mg/L	0.000135	1.0	41221.3	0.699124 mg/L	Y 371.029
Sr 421.552	0.014178	mg/L	0.000134	0.9	25778.7	0.708878 mg/L	Y 371.029
Ti 334.941	-0.000627uv	mg/L	0.000104	16.5	112.067	-0.031333 mg/L	Y 371.029
Ti 336.122	-0.000319	mg/L	0.000134	42.1	27.8090	-0.015962 mg/L	Y 371.029
Ti 337.280	-0.000457uv	mg/L	0.000196	42.8	10.2028	-0.022868 mg/L	Y 371.029
Tl 190.794	-0.004391uv	mg/L	0.000851	19.4	0.957957	-0.219547 mg/L	Y 371.029
Tl 190.807	0.002518	mg/L	0.001993	79.2	1.02673	0.125876 mg/L	Y 371.029
Tl 351.923	0.004852	mg/L	0.007280	150.0	11.9968	0.242609 mg/L	Y 371.029
V 268.796	-0.000550	mg/L	0.000363	66.0	25.5580	-0.027499 mg/L	Y 371.029
V 292.401	-0.000825uv	mg/L	0.000209	25.4	25.4564	-0.041235 mg/L	Y 371.029
V 311.837	-0.000420	mg/L	0.000042	10.0	9.14919	-0.021022 mg/L	Y 371.029
Zn 202.548	2.15881	mg/L	0.032904	1.5	15998.8	107.941 mg/L	Y 371.029
Zn 206.200	2.16036	mg/L	0.022464	1.0	5205.00	108.018 mg/L	Y 371.029
Zn 213.857	2.05998	mg/L	0.016590	0.8	31384.9	102.999 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.13005	9061.62	58.045	0.6
Y 371.029	0.931794	153659	1051.693	0.7

11J1391-26 (Samp) **11/4/2011, 6:49:04 PM** **Rack 4, Tube 32**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.008058b	mg/L	0.000209	2.6	352.120	-0.040291 mg/L	Y 371.029
Ag 338.289	0.002280b	mg/L	0.002713	119.0	11.5377	0.011402 mg/L	Y 371.029
Al 237.312	-0.028584uvb	mg/L	0.004290	15.0	39.1656	-0.142919 mg/L	Y 371.029
Al 257.509	-0.058099b	mg/L	0.007253	12.5	19.5996	-0.290497 mg/L	Y 371.029
Al 308.215	0.087303b	mg/L	0.001754	2.0	659.892	0.436516 mg/L	Y 371.029
As 188.980	0.034090b	mg/L	0.003159	9.3	7.26876	0.170451 mg/L	Y 371.029
As 193.696	0.014769uvb	mg/L	0.004693	31.8	2.90116	0.073843 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.018949	3.9	455.572	uncal mg/L	Y 371.029
B 182.577	0.099792b	mg/L	0.001673	1.7	49.6745	0.498959 mg/L	Y 371.029
B 249.678	0.077292b	mg/L	0.005133	6.6	738.603	0.386461 mg/L	Y 371.029
B 249.772	0.103282b	mg/L	0.003673	3.6	2635.70	0.516410 mg/L	Y 371.029
Ba 233.527	0.005973b	mg/L	0.000201	3.4	437.718	0.029864 mg/L	Y 371.029
Ba 455.403	0.006378b	mg/L	0.000196	3.1	11169.1	0.031889 mg/L	Y 371.029
Ba 493.408	0.005855b	mg/L	0.000196	3.3	6773.01	0.029274 mg/L	Y 371.029
Be 234.861	0.000561uvb	mg/L	0.001578	281.3	-171.732	0.002805 mg/L	Y 371.029
Be 313.042	-0.000116uvb	mg/L	0.000024	20.6	1665.00	-0.000581 mg/L	Y 371.029
Be 313.107	0.000016b	mg/L	0.000012	76.6	47.3921	0.000079 mg/L	Y 371.029
Ca 393.366	22.3996nb	mg/L	0.535104	2.4	28881774	111.998 mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.335206	1.7	38790036	- mg/L	Y 371.029
Ca 430.253	31.2478b	mg/L	0.774409	2.5	117539	156.239 mg/L	Y 371.029
Cd 214.439	0.351134b	mg/L	0.004742	1.4	5665.33	1.75567 mg/L	Y 371.029
Cd 226.502	0.346601b	mg/L	0.008316	2.4	10395.7	1.73301 mg/L	Y 371.029
Cd 228.802	0.339036b	mg/L	0.004996	1.5	4479.71	1.69518 mg/L	Y 371.029
Co 228.615	-0.005676b	mg/L	0.000691	12.2	107.480	-0.028381 mg/L	Y 371.029
Co 230.786	-0.006027b	mg/L	0.001180	19.6	95.5290	-0.030137 mg/L	Y 371.029
Co 238.892	0.005845uvb	mg/L	0.004371	74.8	-231.545	0.029227 mg/L	Y 371.029
Cr 205.560	-0.009172uvb	mg/L	0.000151	1.6	2.08073	-0.045861 mg/L	Y 371.029
Cr 206.158	-0.009088b	mg/L	0.002302	25.3	8.05959	-0.045439 mg/L	Y 371.029
Cr 267.716	-0.008945uvb	mg/L	0.000231	2.6	13.3455	-0.044725 mg/L	Y 371.029
Cu 213.598	-0.013894b	mg/L	0.001336	9.6	58.6713	-0.069471 mg/L	Y 371.029
Cu 324.754	-0.000403uvb	mg/L	0.000117	29.0	340.369	-0.002014 mg/L	Y 371.029
Cu 327.395	-0.014023uvb	mg/L	0.000037	0.3	4.51434	-0.070114 mg/L	Y 371.029
Fe 234.350	58.0384b	mg/L	1.69859	2.9	427657	290.192 mg/L	Y 371.029
Fe 238.204	54.8563b	mg/L	1.21891	2.2	885275	274.281 mg/L	Y 371.029
Fe 259.940	55.3786b	mg/L	1.19017	2.1	750107	276.893 mg/L	Y 371.029
Ga 287.423	-0.190372b	mg/L	0.006000	3.2	451.571	-0.951862 mg/L	Y 371.029
Ga 294.363	-0.007577b	mg/L	0.000281	3.7	26.2008	-0.037886 mg/L	Y 371.029
Ga 417.204	-0.002488b	mg/L	0.000838	33.7	168.545	-0.012440 mg/L	Y 371.029
K 766.491	7.84920b	mg/L	0.178936	2.3	433590	39.2460 mg/L	Y 371.029
K 769.897	7.52252b	mg/L	0.172950	2.3	352647	37.6126 mg/L	Y 371.029
Li 610.365	0.002463b	mg/L	0.000018	0.7	42.5508	0.012315 mg/L	Y 371.029
Li 670.783	-0.002181b	mg/L	0.000416	19.1	59785.4	-0.010907 mg/L	Y 371.029
Mg 279.078	45.8142b	mg/L	1.20470	2.6	60196.8	229.071 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	40.0644b	mg/L	0.915433	2.3	3634663	200.322 mg/L	Y 371.029
Mg 285.213	46.2268b	mg/L	1.07831	2.3	1387658	231.134 mg/L	Y 371.029
Mn 257.610	1.75526b	mg/L	0.051589	2.9	237124	8.77630 mg/L	Y 371.029
Mn 259.372	1.74010b	mg/L	0.046467	2.7	181350	8.70052 mg/L	Y 371.029
Mn 260.568	1.75977b	mg/L	0.059299	3.4	31908.4	8.79883 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000558	0.3	13.9028	uncal mg/L	Y 371.029
Mo 203.846	-0.203331b	mg/L	0.001443	0.7	10.3064	-1.01665 mg/L	Y 371.029
Mo 204.598	-0.208916b	mg/L	0.001137	0.5	6.18298	-1.04458 mg/L	Y 371.029
Na 568.821	-xb	mg/L	9.34947	2.6	95005.7	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.82092	1.9	40855408	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	2.53735	1.6	34685392	- mg/L	Y 371.029
Ni 216.555	-0.032932b	mg/L	0.001494	4.5	50.1470	-0.164661 mg/L	Y 371.029
Ni 221.648	-0.037213b	mg/L	0.000258	0.7	14.0914	-0.186063 mg/L	Y 371.029
Ni 231.604	-0.030380b	mg/L	0.001177	3.9	39.9613	-0.151902 mg/L	Y 371.029
P 177.434	0.017595b	mg/L	0.006039	34.3	1.07632	0.087973 mg/L	Y 371.029
P 213.618	-0.014107b	mg/L	0.005380	38.1	12.3615	-0.070533 mg/L	Y 371.029
P 214.914	0.061849b	mg/L	0.017999	29.1	14.1515	0.309245 mg/L	Y 371.029
Pb 220.353	-0.006134uvb	mg/L	0.003006	49.0	1.59993	-0.030670 mg/L	Y 371.029
Pb 261.417	-0.069524uvb	mg/L	0.005399	7.8	6.46939	-0.347619 mg/L	Y 371.029
Pb 405.781	-0.061163uvb	mg/L	0.012207	20.0	78.7883	-0.305816 mg/L	Y 371.029
Sb 206.834	-0.041085uvb	mg/L	0.003492	8.5	5.46632	-0.205427 mg/L	Y 371.029
Sb 231.146	0.029779b	mg/L	0.004268	14.3	9.61925	0.148896 mg/L	Y 371.029
Sb 259.804	-0.112993b	mg/L	0.005413	4.8	29.2881	-0.564964 mg/L	Y 371.029
Se 196.026	-0.000812uvb	mg/L	0.005810	715.2	1.97348	-0.004062 mg/L	Y 371.029
Se 203.985	0.032796uvb	mg/L	0.014866	45.3	1.89157	0.163979 mg/L	Y 371.029
Si 250.690	3.13897b	mg/L	0.057479	1.8	3850.20	15.6949 mg/L	Y 371.029
Si 251.611	3.05306b	mg/L	0.045433	1.5	4454.42	15.2653 mg/L	Y 371.029
Si 288.158	3.24444b	mg/L	0.117697	3.6	22511.0	16.2222 mg/L	Y 371.029
Sn 189.927	-0.003576b	mg/L	0.001584	44.3	2.29505	-0.017879 mg/L	Y 371.029
Sn 283.998	-0.032577uvb	mg/L	0.003419	10.5	6.11667	-0.162884 mg/L	Y 371.029
Sr 216.596	0.220136b	mg/L	0.006219	2.8	1812.31	1.10068 mg/L	Y 371.029
Sr 407.771	0.208401b	mg/L	0.003977	1.9	533497	1.04201 mg/L	Y 371.029
Sr 421.552	0.215670b	mg/L	0.005368	2.5	342763	1.07835 mg/L	Y 371.029
Ti 334.941	-0.003339uvb	mg/L	0.000052	1.5	86.6516	-0.016693 mg/L	Y 371.029
Ti 336.122	-0.003272uvb	mg/L	0.000032	1.0	0.844882	-0.016362 mg/L	Y 371.029
Ti 337.280	-0.004082uvb	mg/L	0.000281	6.9	7.95455	-0.020409 mg/L	Y 371.029
Tl 190.794	0.000093uvb	mg/L	0.003397	3668.2	1.75891	0.000463 mg/L	Y 371.029
Tl 190.807	-0.002629b	mg/L	0.001298	49.4	1.12020	-0.013146 mg/L	Y 371.029
Tl 351.923	0.019358b	mg/L	0.005003	25.8	12.9818	0.096792 mg/L	Y 371.029
V 268.796	-0.032658b	mg/L	0.000036	0.1	30.7708	-0.163288 mg/L	Y 371.029
V 292.401	-0.008777b	mg/L	0.000106	1.2	36.1685	-0.043887 mg/L	Y 371.029
V 311.837	-0.006937b	mg/L	0.000024	0.3	4.65124	-0.034685 mg/L	Y 371.029
Zn 202.548	4.03853b	mg/L	0.073032	1.8	29789.3	20.1927 mg/L	Y 371.029
Zn 206.200	4.03014b	mg/L	0.062606	1.6	9664.44	20.1507 mg/L	Y 371.029
Zn 213.857	3.93741b	mg/L	0.123390	3.1	59734.3	19.6870 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.09376	8770.65	155.463	1.8
Y 371.029	0.904067	149087	2589.695	1.7

111103A. All Data Report 11/7/2011, 16:06:17

11J1391-27 (Samp) **11/4/2011, 6:53:21 PM** **Rack 4, Tube 33**

M_200.7_T_WW

Weight: 1 **Volume: 1** **Dilution: 5**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	-0.007754b	mg/L	0.000292	3.8	359.965	-0.038771 mg/L	Y 371.029
Ag 338.289	0.000477uvb	mg/L	0.001475	309.4	6.36026	0.002383 mg/L	Y 371.029
Al 237.312	-0.031658uvb	mg/L	0.002819	8.9	35.2607	-0.158291 mg/L	Y 371.029
Al 257.509	-0.065982uvb	mg/L	0.008717	13.2	14.3277	-0.329912 mg/L	Y 371.029
Al 308.215	0.084771b	mg/L	0.001396	1.6	654.216	0.423853 mg/L	Y 371.029
As 188.980	0.033939b	mg/L	0.002579	7.6	7.33857	0.169695 mg/L	Y 371.029
As 193.696	0.015525b	mg/L	0.001205	7.8	3.23272	0.077626 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.005910	6.3	289.692	uncal mg/L	Y 371.029
B 182.577	0.092548b	mg/L	0.004300	4.6	46.5735	0.462742 mg/L	Y 371.029
B 249.678	0.066022b	mg/L	0.002217	3.4	649.857	0.330112 mg/L	Y 371.029
B 249.772	0.094064b	mg/L	0.001367	1.5	2459.27	0.470322 mg/L	Y 371.029
Ba 233.527	0.005192b	mg/L	0.000069	1.3	410.587	0.025962 mg/L	Y 371.029
Ba 455.403	0.005625b	mg/L	0.000073	1.3	10461.8	0.028127 mg/L	Y 371.029
Ba 493.408	0.005103b	mg/L	0.000116	2.3	6351.55	0.025517 mg/L	Y 371.029
Be 234.861	0.000743uvb	mg/L	0.001341	180.5	-147.062	0.003713 mg/L	Y 371.029
Be 313.042	-0.000117uvb	mg/L	0.000007	5.9	1665.13	-0.000587 mg/L	Y 371.029
Be 313.107	0.000019b	mg/L	0.000006	31.0	49.5497	0.000094 mg/L	Y 371.029
Ca 393.366	22.4242nb	mg/L	0.257042	1.1	28912752	112.121 mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.281858	1.4	39135444	- mg/L	Y 371.029
Ca 430.253	31.1643b	mg/L	0.376002	1.2	117208	155.822 mg/L	Y 371.029
Cd 214.439	0.353963b	mg/L	0.004351	1.2	5710.66	1.76981 mg/L	Y 371.029
Cd 226.502	0.347187b	mg/L	0.004613	1.3	10410.2	1.73594 mg/L	Y 371.029
Cd 228.802	0.341065b	mg/L	0.003928	1.2	4506.58	1.70533 mg/L	Y 371.029
Co 228.615	-0.005081b	mg/L	0.000610	12.0	107.823	-0.025405 mg/L	Y 371.029
Co 230.786	-0.005430b	mg/L	0.000231	4.3	95.1777	-0.027152 mg/L	Y 371.029
Co 238.892	0.012215uvb	mg/L	0.006958	57.0	-191.407	0.061073 mg/L	Y 371.029
Cr 205.560	-0.009086uvb	mg/L	0.000283	3.1	1.51111	-0.045429 mg/L	Y 371.029
Cr 206.158	-0.007222b	mg/L	0.004079	56.5	10.3420	-0.036108 mg/L	Y 371.029
Cr 267.716	-0.008519b	mg/L	0.000082	1.0	17.1354	-0.042594 mg/L	Y 371.029
Cu 213.598	-0.013032b	mg/L	0.000862	6.6	58.7193	-0.065159 mg/L	Y 371.029
Cu 324.754	-0.000333uvb	mg/L	0.000175	52.6	341.258	-0.001663 mg/L	Y 371.029
Cu 327.395	-0.013566uvb	mg/L	0.000094	0.7	9.10983	-0.067828 mg/L	Y 371.029
Fe 234.350	56.4008b	mg/L	0.575518	1.0	415596	282.004 mg/L	Y 371.029
Fe 238.204	53.5292b	mg/L	0.746601	1.4	863869	267.646 mg/L	Y 371.029
Fe 259.940	53.5955b	mg/L	0.285357	0.5	725968	267.978 mg/L	Y 371.029
Ga 287.423	-0.181343b	mg/L	0.002635	1.5	447.183	-0.906716 mg/L	Y 371.029
Ga 294.363	-0.007475b	mg/L	0.000120	1.6	25.2061	-0.037376 mg/L	Y 371.029
Ga 417.204	-0.000867b	mg/L	0.000269	31.0	178.231	-0.004336 mg/L	Y 371.029
K 766.491	7.55976b	mg/L	0.071065	0.9	417703	37.7988 mg/L	Y 371.029
K 769.897	7.23880b	mg/L	0.066026	0.9	339740	36.1940 mg/L	Y 371.029
Li 610.365	0.002491b	mg/L	0.000236	9.5	43.6782	0.012454 mg/L	Y 371.029
Li 670.783	-0.002223b	mg/L	0.000105	4.7	59494.0	-0.011117 mg/L	Y 371.029
Mg 279.078	45.4820b	mg/L	0.623146	1.4	59760.3	227.410 mg/L	Y 371.029
Mg 280.270	39.6308b	mg/L	0.412299	1.0	3595325	198.154 mg/L	Y 371.029
Mg 285.213	45.1085b	mg/L	0.518497	1.1	1354093	225.543 mg/L	Y 371.029
Mn 257.610	1.76777b	mg/L	0.023468	1.3	238803	8.83887 mg/L	Y 371.029
Mn 259.372	1.75218b	mg/L	0.024170	1.4	182326	8.76091 mg/L	Y 371.029
Mn 260.568	1.77366b	mg/L	0.025350	1.4	32155.2	8.86831 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	uncal	mg/L	0.000439	0.2	11.4776	uncal mg/L	Y 371.029
Mo 203.846	-0.201007b	mg/L	0.000854	0.4	8.59004	-1.00504 mg/L	Y 371.029
Mo 204.598	-0.205442b	mg/L	0.000507	0.2	5.72266	-1.02721 mg/L	Y 371.029
Na 568.821	-xb	mg/L	3.91708	1.1	93279.4	- mg/L	Y 371.029
Na 588.995	-ob	mg/L	1.84863	1.9	41093444	- mg/L	Y 371.029
Na 589.592	-ob	mg/L	3.31386	2.1	34966448	- mg/L	Y 371.029
Ni 216.555	-0.032593b	mg/L	0.000914	2.8	46.3047	-0.162966 mg/L	Y 371.029
Ni 221.648	-0.035220b	mg/L	0.001147	3.3	15.5437	-0.176098 mg/L	Y 371.029
Ni 231.604	-0.030712b	mg/L	0.000611	2.0	35.6311	-0.153560 mg/L	Y 371.029
P 177.434	0.021031b	mg/L	0.011385	54.1	1.21321	0.105156 mg/L	Y 371.029
P 213.618	-0.013889b	mg/L	0.007455	53.7	12.0904	-0.069446 mg/L	Y 371.029
P 214.914	0.061041b	mg/L	0.015310	25.1	13.9026	0.305207 mg/L	Y 371.029
Pb 220.353	-0.006434uvb	mg/L	0.000304	4.7	1.25634	-0.032171 mg/L	Y 371.029
Pb 261.417	-0.063443b	mg/L	0.003689	5.8	8.92580	-0.317216 mg/L	Y 371.029
Pb 405.781	-0.057705uvb	mg/L	0.002536	4.4	82.4652	-0.288526 mg/L	Y 371.029
Sb 206.834	-0.040556uvb	mg/L	0.001198	3.0	5.35870	-0.202780 mg/L	Y 371.029
Sb 231.146	0.025156uvb	mg/L	0.006723	26.7	7.77156	0.125779 mg/L	Y 371.029
Sb 259.804	-0.123374uvb	mg/L	0.040432	32.8	23.6113	-0.616872 mg/L	Y 371.029
Se 196.026	0.003076uvb	mg/L	0.007888	256.4	2.91176	0.015381 mg/L	Y 371.029
Se 203.985	0.037454b	mg/L	0.006531	17.4	2.62455	0.187272 mg/L	Y 371.029
Si 250.690	3.17265b	mg/L	0.044337	1.4	3888.70	15.8632 mg/L	Y 371.029
Si 251.611	3.08974b	mg/L	0.046193	1.5	4503.80	15.4487 mg/L	Y 371.029
Si 288.158	3.23525b	mg/L	0.047870	1.5	22452.6	16.1763 mg/L	Y 371.029
Sn 189.927	-0.003544uvb	mg/L	0.003540	99.9	2.27391	-0.017718 mg/L	Y 371.029
Sn 283.998	-0.031503uvb	mg/L	0.001624	5.2	8.21934	-0.157514 mg/L	Y 371.029
Sr 216.596	0.217176b	mg/L	0.002893	1.3	1787.07	1.08588 mg/L	Y 371.029
Sr 407.771	0.210136b	mg/L	0.002589	1.2	537859	1.05068 mg/L	Y 371.029
Sr 421.552	0.211107b	mg/L	0.003012	1.4	335609	1.05553 mg/L	Y 371.029
Ti 334.941	-0.003303uvb	mg/L	0.000124	3.7	77.0769	-0.016517 mg/L	Y 371.029
Ti 336.122	-0.003084uvb	mg/L	0.000056	1.8	9.25952	-0.015420 mg/L	Y 371.029
Ti 337.280	-0.003920uvb	mg/L	0.000005	0.1	9.98004	-0.019598 mg/L	Y 371.029
Tl 190.794	-0.002965uvb	mg/L	0.000921	31.0	0.901033	-0.014827 mg/L	Y 371.029
Tl 190.807	-0.005373uvb	mg/L	0.002082	38.8	0.646244	-0.026865 mg/L	Y 371.029
Tl 351.923	0.012204uvb	mg/L	0.002412	19.8	4.92729	0.061022 mg/L	Y 371.029
V 268.796	-0.031828b	mg/L	0.000623	2.0	30.8953	-0.159141 mg/L	Y 371.029
V 292.401	-0.008595b	mg/L	0.000173	2.0	33.9211	-0.042976 mg/L	Y 371.029
V 311.837	-0.006675b	mg/L	0.000032	0.5	7.56829	-0.033374 mg/L	Y 371.029
Zn 202.548	3.92177b	mg/L	0.025342	0.6	28946.9	19.6089 mg/L	Y 371.029
Zn 206.200	3.90227b	mg/L	0.015272	0.4	9364.83	19.5113 mg/L	Y 371.029
Zn 213.857	3.89042b	mg/L	0.051398	1.3	59030.1	19.4521 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.08262	8681.30	89.894	1.0
Y 371.029	0.894309	147478	1652.838	1.1

11J1391-01 (Samp) **11/4/2011, 6:57:20 PM** **Rack 4, Tube 34**

M_200.7_T_WW

Weight: 1 **Volume: 1** **Dilution: 500**

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000916	mg/L	0.000167	18.3	362.081	0.457996 mg/L	Y 371.029
Ag 338.289	0.002110	mg/L	0.002071	98.1	9.75947	1.05506 mg/L	Y 371.029
Al 237.312	0.059638	mg/L	0.002544	4.3	144.796	29.8191 mg/L	Y 371.029
Al 257.509	0.076989	mg/L	0.015983	20.8	61.5341	38.4945 mg/L	Y 371.029
Al 308.215	0.062240	mg/L	0.002358	3.8	914.422	31.1198 mg/L	Y 371.029
As 188.980	0.004249	mg/L	0.001091	25.7	5.12441	2.12464 mg/L	Y 371.029
As 193.696	0.002562uv	mg/L	0.003232	126.2	3.35022	1.28078 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.006033	7.4	75.2513	uncal mg/L	Y 371.029
B 182.577	0.003071	mg/L	0.002092	68.1	7.58510	1.53550 mg/L	Y 371.029
B 249.678	0.002422	mg/L	0.000731	30.2	91.4130	1.21084 mg/L	Y 371.029
B 249.772	0.003591	mg/L	0.000774	21.6	196.461	1.79546 mg/L	Y 371.029
Ba 233.527	0.000184	mg/L	0.000061	33.3	172.286	0.091951 mg/L	Y 371.029
Ba 455.403	-0.000134uv	mg/L	0.000021	16.0	4445.54	-0.067145 mg/L	Y 371.029
Ba 493.408	-0.000180uv	mg/L	0.000019	10.7	2684.39	-0.090057 mg/L	Y 371.029
Be 234.861	0.000029	mg/L	0.000005	17.9	1.04255	0.014671 mg/L	Y 371.029
Be 313.042	-0.000184uv	mg/L	0.000011	5.9	1625.79	-0.091939 mg/L	Y 371.029
Be 313.107	0.000058	mg/L	0.000012	20.0	53.2894	0.028751 mg/L	Y 371.029
Ca 393.366	0.975239n	mg/L	0.011292	1.2	1297494	487.620 mg/L	Y 371.029
Ca 396.847	0.880736	mg/L	0.010293	1.2	1801684	440.368 mg/L	Y 371.029
Ca 430.253	0.925206	mg/L	0.013144	1.4	4281.54	462.603 mg/L	Y 371.029
Cd 214.439	0.049108	mg/L	0.001161	2.4	796.753	24.5540 mg/L	Y 371.029
Cd 226.502	0.048673	mg/L	0.000730	1.5	1465.18	24.3364 mg/L	Y 371.029
Cd 228.802	0.046868	mg/L	0.001331	2.8	634.214	23.4340 mg/L	Y 371.029
Co 228.615	0.000904	mg/L	0.000438	48.5	7.89775	0.451848 mg/L	Y 371.029
Co 230.786	0.001090	mg/L	0.000280	25.7	11.3946	0.545097 mg/L	Y 371.029
Co 238.892	-0.000176uv	mg/L	0.000322	183.0	2.21641	-0.087888 mg/L	Y 371.029
Cr 205.560	0.000007	mg/L	0.000186	2864.7	3.02848	0.003251 mg/L	Y 371.029
Cr 206.158	0.004149	mg/L	0.001396	33.7	13.3165	2.07433 mg/L	Y 371.029
Cr 267.716	-0.000158uv	mg/L	0.000154	97.7	14.6938	-0.078915 mg/L	Y 371.029
Cu 213.598	0.001439	mg/L	0.000168	11.7	5.61626	0.719597 mg/L	Y 371.029
Cu 324.754	0.001201uv	mg/L	0.000202	16.8	441.949	0.600609 mg/L	Y 371.029
Cu 327.395	0.001297	mg/L	0.000063	4.9	74.5045	0.648453 mg/L	Y 371.029
Fe 234.350	0.121957	mg/L	0.002924	2.4	997.281	60.9784 mg/L	Y 371.029
Fe 238.204	0.120678	mg/L	0.003894	3.2	2146.63	60.3389 mg/L	Y 371.029
Fe 259.940	0.122243	mg/L	0.003160	2.6	1836.58	61.1216 mg/L	Y 371.029
Ga 287.423	0.002675	mg/L	0.001587	59.3	18.7764	1.33738 mg/L	Y 371.029
Ga 294.363	-0.000285uv	mg/L	0.000476	166.9	9.91115	-0.142734 mg/L	Y 371.029
Ga 417.204	0.001292	mg/L	0.000492	38.1	53.1522	0.646247 mg/L	Y 371.029
K 766.491	0.025315	mg/L	0.000594	2.3	3298.00	12.6573 mg/L	Y 371.029
K 769.897	0.031701	mg/L	0.004830	15.2	9901.17	15.8504 mg/L	Y 371.029
Li 610.365	0.001236	mg/L	0.000028	2.3	-7.21319	0.618009 mg/L	Y 371.029
Li 670.783	0.000860	mg/L	0.000230	26.7	55513.0	0.430216 mg/L	Y 371.029
Mg 279.078	0.271795	mg/L	0.002075	0.8	361.578	135.897 mg/L	Y 371.029
Mg 280.270	0.274109	mg/L	0.003766	1.4	25494.8	137.055 mg/L	Y 371.029
Mg 285.213	0.258449	mg/L	0.003015	1.2	7940.62	129.225 mg/L	Y 371.029
Mn 257.610	0.039014	mg/L	0.000919	2.4	5298.50	19.5068 mg/L	Y 371.029
Mn 259.372	0.038851	mg/L	0.001118	2.9	3934.42	19.4255 mg/L	Y 371.029
Mn 260.568	0.038667	mg/L	0.000056	0.1	705.790	19.3337 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.000688	29.2	17.7465	uncal mg/L	Y 371.029
Mo 203.846	0.002805	mg/L	0.001482	52.9	9.04282	1.40243 mg/L	Y 371.029
Mo 204.598	0.001731	mg/L	0.000314	18.1	5.05930	0.865350 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	1.12760	mg/L	0.060075	5.3	185.481	563.799 mg/L	Y 371.029
Na 588.995	0.252260	mg/L	0.007613	3.0	353220	126.130 mg/L	Y 371.029
Na 589.592	-0.030767uv	mg/L	0.005883	19.1	165350	-15.3837 mg/L	Y 371.029
Ni 216.555	0.001088	mg/L	0.000118	10.8	8.76981	0.543821 mg/L	Y 371.029
Ni 221.648	0.000644	mg/L	0.000070	10.9	5.59301	0.321923 mg/L	Y 371.029
Ni 231.604	-0.000044uv	mg/L	0.000796	1812.2	8.64649	-0.021968 mg/L	Y 371.029
P 177.434	0.001185uv	mg/L	0.015014	1266.8	0.490648	0.592585 mg/L	Y 371.029
P 213.618	0.001517	mg/L	0.003047	200.8	2.25774	0.758543 mg/L	Y 371.029
P 214.914	0.009878	mg/L	0.006963	70.5	1.11169	4.93915 mg/L	Y 371.029
Pb 220.353	0.000374uv	mg/L	0.001481	395.9	5.37034	0.187039 mg/L	Y 371.029
Pb 261.417	0.009277	mg/L	0.003116	33.6	11.1143	4.63854 mg/L	Y 371.029
Pb 405.781	0.007278	mg/L	0.003352	46.1	94.0073	3.63880 mg/L	Y 371.029
Sb 206.834	-0.004543uv	mg/L	0.002257	49.7	4.91439	-2.27149 mg/L	Y 371.029
Sb 231.146	-0.002282uv	mg/L	0.004340	190.2	3.65010	-1.14086 mg/L	Y 371.029
Sb 259.804	-0.018869uv	mg/L	0.009830	52.1	5.78978	-9.43445 mg/L	Y 371.029
Se 196.026	-0.004710uv	mg/L	0.002587	54.9	3.06484	-2.35485 mg/L	Y 371.029
Se 203.985	0.002000uv	mg/L	0.007769	388.4	2.01485	1.00005 mg/L	Y 371.029
Si 250.690	0.062092	mg/L	0.002134	3.4	211.968	31.0458 mg/L	Y 371.029
Si 251.611	0.060739	mg/L	0.002335	3.8	240.558	30.3696 mg/L	Y 371.029
Si 288.158	0.055958	mg/L	0.003098	5.5	1760.12	27.9791 mg/L	Y 371.029
Sn 189.927	0.002661	mg/L	0.002679	100.7	2.23497	1.33049 mg/L	Y 371.029
Sn 283.998	-0.003478uv	mg/L	0.004020	115.6	11.5053	-1.73913 mg/L	Y 371.029
Sr 216.596	0.002421	mg/L	0.000146	6.0	36.7288	1.21069 mg/L	Y 371.029
Sr 407.771	0.002299	mg/L	0.000030	1.3	11581.1	1.14927 mg/L	Y 371.029
Sr 421.552	0.002359	mg/L	0.000026	1.1	7156.36	1.17973 mg/L	Y 371.029
Ti 334.941	-0.000819uv	mg/L	0.000072	8.8	91.5298	-0.409442 mg/L	Y 371.029
Ti 336.122	-0.000428	mg/L	0.000011	2.6	25.6322	-0.213796 mg/L	Y 371.029
Ti 337.280	-0.000381uv	mg/L	0.000099	25.9	11.5753	-0.190627 mg/L	Y 371.029
Tl 190.794	-0.002301uv	mg/L	0.001868	81.2	1.71831	-1.15044 mg/L	Y 371.029
Tl 190.807	0.005929	mg/L	0.003854	65.0	1.68299	2.96472 mg/L	Y 371.029
Tl 351.923	0.001332uv	mg/L	0.002106	158.1	8.54167	0.666173 mg/L	Y 371.029
V 268.796	-0.000030uv	mg/L	0.000249	818.3	20.9239	-0.015236 mg/L	Y 371.029
V 292.401	-0.000378uv	mg/L	0.000186	49.3	21.1001	-0.189045 mg/L	Y 371.029
V 311.837	0.000281	mg/L	0.000164	58.2	11.2150	0.140591 mg/L	Y 371.029
Zn 202.548	4.57053	mg/L	0.071125	1.6	33279.9	2285.26 mg/L	Y 371.029
Zn 206.200	4.52989	mg/L	0.062855	1.4	10723.0	2264.94 mg/L	Y 371.029
Zn 213.857	4.37385	mg/L	0.041015	0.9	65430.6	2186.93 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12977	9059.37	114.058	1.3
Y 371.029	0.933960	154016	2229.215	1.4

SEQ-CCVF (Samp) **11/4/2011, 7:01:12 PM** **Rack 4, Tube 35**

M_200.7_T_WW

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.098755	mg/L	0.000434	0.4	4814.99	0.098755 mg/L	Y 371.029
Ag 338.289	0.098679	mg/L	0.002634	2.7	276.052	0.098679 mg/L	Y 371.029
Al 237.312	2.59819	mg/L	0.023499	0.9	3539.21	2.59819 mg/L	Y 371.029
Al 257.509	2.58138	mg/L	0.012566	0.5	1512.68	2.58138 mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Al 308.215	2.58717	mg/L	0.010856	0.4	14373.3	2.58717 mg/L	Y 371.029
As 188.980	0.526025	mg/L	0.002540	0.5	152.859	0.526025 mg/L	Y 371.029
As 193.696	0.517549	mg/L	0.006447	1.2	171.804	0.517549 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.007062	0.9	545.886	uncal mg/L	Y 371.029
B 182.577	0.510377	mg/L	0.013238	2.6	223.884	0.510377 mg/L	Y 371.029
B 249.678	0.499259	mg/L	0.015902	3.2	3950.44	0.499259 mg/L	Y 371.029
B 249.772	0.492562	mg/L	0.007611	1.5	8487.46	0.492562 mg/L	Y 371.029
Ba 233.527	0.522087	mg/L	0.001778	0.3	17688.7	0.522087 mg/L	Y 371.029
Ba 455.403	0.492271	mg/L	0.001236	0.3	469779	0.492271 mg/L	Y 371.029
Ba 493.408	0.511590	mg/L	0.000840	0.2	284487	0.511590 mg/L	Y 371.029
Be 234.861	0.526368	mg/L	0.002770	0.5	52805.2	0.526368 mg/L	Y 371.029
Be 313.042	0.522004	mg/L	0.002993	0.6	809234	0.522004 mg/L	Y 371.029
Be 313.107	0.520326	mg/L	0.003410	0.7	384826	0.520326 mg/L	Y 371.029
Ca 393.366	4.95315n	mg/L	0.016794	0.3	6411681	4.95315 mg/L	Y 371.029
Ca 396.847	4.59257	mg/L	0.011288	0.2	9162235	4.59257 mg/L	Y 371.029
Ca 430.253	4.97864	mg/L	0.026286	0.5	19256.3	4.97864 mg/L	Y 371.029
Cd 214.439	0.270803	mg/L	0.001723	0.6	4364.97	0.270803 mg/L	Y 371.029
Cd 226.502	0.265328	mg/L	0.001017	0.4	7882.97	0.265328 mg/L	Y 371.029
Cd 228.802	0.261192	mg/L	0.002393	0.9	3459.71	0.261192 mg/L	Y 371.029
Co 228.615	0.529976	mg/L	0.004583	0.9	4344.01	0.529976 mg/L	Y 371.029
Co 230.786	0.532671	mg/L	0.001988	0.4	2862.68	0.532671 mg/L	Y 371.029
Co 238.892	0.532026	mg/L	0.001247	0.2	2717.55	0.532026 mg/L	Y 371.029
Cr 205.560	0.527121	mg/L	0.003544	0.7	1926.81	0.527121 mg/L	Y 371.029
Cr 206.158	0.524324	mg/L	0.003743	0.7	799.441	0.524324 mg/L	Y 371.029
Cr 267.716	0.519795	mg/L	0.002718	0.5	9876.74	0.519795 mg/L	Y 371.029
Cu 213.598	0.536408	mg/L	0.003036	0.6	1678.83	0.536408 mg/L	Y 371.029
Cu 324.754	0.514820	mg/L	0.001934	0.4	17869.6	0.514820 mg/L	Y 371.029
Cu 327.395	0.511995	mg/L	0.001816	0.4	22077.8	0.511995 mg/L	Y 371.029
Fe 234.350	0.535628	mg/L	0.003313	0.6	4188.16	0.535628 mg/L	Y 371.029
Fe 238.204	0.527834	mg/L	0.002748	0.5	8835.26	0.527834 mg/L	Y 371.029
Fe 259.940	0.523919	mg/L	0.014139	2.7	7353.25	0.523919 mg/L	Y 371.029
Ga 287.423	0.512850	mg/L	0.005194	1.0	1146.66	0.512850 mg/L	Y 371.029
Ga 294.363	0.514791	mg/L	0.003272	0.6	3019.79	0.514791 mg/L	Y 371.029
Ga 417.204	0.509297	mg/L	0.002358	0.5	4690.52	0.509297 mg/L	Y 371.029
K 766.491	5.41946	mg/L	0.010510	0.2	298917	5.41946 mg/L	Y 371.029
K 769.897	5.20664	mg/L	0.010102	0.2	244384	5.20664 mg/L	Y 371.029
Li 610.365	1.06353	mg/L	0.003955	0.4	43079.8	1.06353 mg/L	Y 371.029
Li 670.783	1.13325	mg/L	0.004612	0.4	2924609	1.13325 mg/L	Y 371.029
Mg 279.078	5.30579	mg/L	0.013372	0.3	6974.46	5.30579 mg/L	Y 371.029
Mg 280.270	5.46382	mg/L	0.037400	0.7	496112	5.46382 mg/L	Y 371.029
Mg 285.213	5.39417	mg/L	0.038404	0.7	162042	5.39417 mg/L	Y 371.029
Mn 257.610	0.523427	mg/L	0.001268	0.2	71569.7	0.523427 mg/L	Y 371.029
Mn 259.372	0.525405	mg/L	0.001017	0.2	52991.3	0.525405 mg/L	Y 371.029
Mn 260.568	0.520675	mg/L	0.011019	2.1	9414.30	0.520675 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.023341	2.2	3264.21	uncal mg/L	Y 371.029
Mo 203.846	1.06825	mg/L	0.027868	2.6	1320.72	1.06825 mg/L	Y 371.029
Mo 204.598	1.06001	mg/L	0.028389	2.7	1547.72	1.06001 mg/L	Y 371.029
Na 568.821	4.96122	mg/L	0.065927	1.3	1212.85	4.96122 mg/L	Y 371.029
Na 588.995	5.65417	mg/L	0.021597	0.4	2657617	5.65417 mg/L	Y 371.029
Na 589.592	5.28866	mg/L	0.021272	0.4	1339672	5.28866 mg/L	Y 371.029
Ni 216.555	1.07514	mg/L	0.004135	0.4	4776.95	1.07514 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ni 221.648	1.06345	mg/L	0.005959	0.6	1923.02	1.06345 mg/L	Y 371.029
Ni 231.604	1.06986	mg/L	0.003987	0.4	3207.69	1.06986 mg/L	Y 371.029
P 177.434	0.643245	mg/L	0.010562	1.6	26.6131	0.643245 mg/L	Y 371.029
P 213.618	0.531134	mg/L	0.005250	1.0	276.872	0.531134 mg/L	Y 371.029
P 214.914	0.527541	mg/L	0.008172	1.5	85.5564	0.527541 mg/L	Y 371.029
Pb 220.353	1.06422	mg/L	0.008789	0.8	1043.54	1.06422 mg/L	Y 371.029
Pb 261.417	1.01259	mg/L	0.007166	0.7	507.557	1.01259 mg/L	Y 371.029
Pb 405.781	1.01034	mg/L	0.006784	0.7	1412.53	1.01034 mg/L	Y 371.029
Sb 206.834	1.07310	mg/L	0.002522	0.2	618.789	1.07310 mg/L	Y 371.029
Sb 231.146	1.07074	mg/L	0.008589	0.8	506.200	1.07074 mg/L	Y 371.029
Sb 259.804	1.10505	mg/L	0.013549	1.2	429.877	1.10505 mg/L	Y 371.029
Se 196.026	1.06949	mg/L	0.034275	3.2	244.216	1.06949 mg/L	Y 371.029
Se 203.985	1.07143	mg/L	0.018106	1.7	151.452	1.07143 mg/L	Y 371.029
Si 250.690	1.06257	mg/L	0.003197	0.3	1389.38	1.06257 mg/L	Y 371.029
Si 251.611	1.04306	mg/L	0.003105	0.3	1613.13	1.04306 mg/L	Y 371.029
Si 288.158	1.06345	mg/L	0.005135	0.5	8302.37	1.06345 mg/L	Y 371.029
Sn 189.927	1.06745	mg/L	0.006684	0.6	222.594	1.06745 mg/L	Y 371.029
Sn 283.998	1.05989	mg/L	0.008702	0.8	1836.56	1.05989 mg/L	Y 371.029
Sr 216.596	0.533587	mg/L	0.002109	0.4	4162.35	0.533587 mg/L	Y 371.029
Sr 407.771	0.499373	mg/L	0.002194	0.4	1264945	0.499373 mg/L	Y 371.029
Sr 421.552	0.505424	mg/L	0.003616	0.7	794927	0.505424 mg/L	Y 371.029
Ti 334.941	0.511554	mg/L	0.002072	0.4	97554.1	0.511554 mg/L	Y 371.029
Ti 336.122	0.523728	mg/L	0.002235	0.4	42620.5	0.523728 mg/L	Y 371.029
Ti 337.280	0.520887	mg/L	0.003164	0.6	15245.5	0.520887 mg/L	Y 371.029
Tl 190.794	0.529293	mg/L	0.004177	0.8	152.924	0.529293 mg/L	Y 371.029
Tl 190.807	0.515548	mg/L	0.008833	1.7	83.5078	0.515548 mg/L	Y 371.029
Tl 351.923	0.511188	mg/L	0.003602	0.7	602.591	0.511188 mg/L	Y 371.029
V 268.796	0.521917	mg/L	0.006983	1.3	5081.65	0.521917 mg/L	Y 371.029
V 292.401	0.514224	mg/L	0.002440	0.5	16359.1	0.514224 mg/L	Y 371.029
V 311.837	0.523831	mg/L	0.001877	0.4	22933.7	0.523831 mg/L	Y 371.029
Zn 202.548	0.551884	mg/L	0.003082	0.6	4523.26	0.551884 mg/L	Y 371.029
Zn 206.200	0.548567	mg/L	0.003146	0.6	1453.75	0.548567 mg/L	Y 371.029
Zn 213.857	0.528942	mg/L	0.001174	0.2	8954.34	0.528942 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.12473	9018.93	21.452	0.2
Y 371.029	0.929902	153347	423.856	0.3

SEQ-CCBF (Samp) **11/4/2011, 7:05:22 PM** **Rack 4, Tube 36**

M_200.7_T_WW

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000581	mg/L	0.000081	13.9	349.702	0.000581 mg/L	Y 371.029
Ag 338.289	0.000590uv	mg/L	0.001033	175.2	4.42810	0.000590 mg/L	Y 371.029
Al 237.312	-0.000950uv	mg/L	0.000466	49.1	63.4046	-0.000950 mg/L	Y 371.029
Al 257.509	0.013486	mg/L	0.003211	23.8	22.5377	0.013486 mg/L	Y 371.029
Al 308.215	-0.003076uv	mg/L	0.000659	21.4	613.326	-0.003076 mg/L	Y 371.029
As 188.980	0.002640uv	mg/L	0.004802	181.9	4.87496	0.002640 mg/L	Y 371.029
As 193.696	0.002588	mg/L	0.002377	91.8	3.62325	0.002588 mg/L	Y 371.029
As 228.812	uncal	mg/L	0.004307	239.6	7.15062	uncal mg/L	Y 371.029

111103A. All Data Report 11/7/2011, 16:06:17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 182.577	0.011177	mg/L	0.004099	36.7	10.7080	0.011177 mg/L	Y 371.029
B 249.678	0.012617	mg/L	0.003595	28.5	165.695	0.012617 mg/L	Y 371.029
B 249.772	0.013577	mg/L	0.003904	28.8	366.175	0.013577 mg/L	Y 371.029
Ba 233.527	0.000172	mg/L	0.000126	73.2	171.195	0.000172 mg/L	Y 371.029
Ba 455.403	-0.000247uv	mg/L	0.000015	5.9	4336.17	-0.000247 mg/L	Y 371.029
Ba 493.408	-0.000300uv	mg/L	0.000032	10.7	2604.51	-0.000300 mg/L	Y 371.029
Be 234.861	0.000008uv	mg/L	0.000010	131.4	-1.30412	0.000008 mg/L	Y 371.029
Be 313.042	-0.000253uv	mg/L	0.000007	2.7	1542.36	-0.000253 mg/L	Y 371.029
Be 313.107	0.000029	mg/L	0.000008	28.2	36.9281	0.000029 mg/L	Y 371.029
Ca 393.366	-0.004909nuv	mg/L	0.000145	3.0	32433.3	-0.004909 mg/L	Y 371.029
Ca 396.847	-0.002384uv	mg/L	0.000259	10.9	44489.6	-0.002384 mg/L	Y 371.029
Ca 430.253	-0.020735uv	mg/L	0.004868	23.5	718.288	-0.020735 mg/L	Y 371.029
Cd 214.439	0.000145	mg/L	0.000068	46.9	6.85299	0.000145 mg/L	Y 371.029
Cd 226.502	0.000054uv	mg/L	0.000099	183.6	16.3710	0.000054 mg/L	Y 371.029
Cd 228.802	0.000098	mg/L	0.000053	53.5	15.7930	0.000098 mg/L	Y 371.029
Co 228.615	0.000459	mg/L	0.000233	50.7	4.76347	0.000459 mg/L	Y 371.029
Co 230.786	0.000016uv	mg/L	0.000216	1326.6	5.00008	0.000016 mg/L	Y 371.029
Co 238.892	-0.000016uv	mg/L	0.000284	1756.6	3.12481	-0.000016 mg/L	Y 371.029
Cr 205.560	0.000272	mg/L	0.000224	82.4	2.75264	0.000272 mg/L	Y 371.029
Cr 206.158	0.000336uv	mg/L	0.001162	345.3	2.39914	0.000336 mg/L	Y 371.029
Cr 267.716	0.000073uv	mg/L	0.000211	287.8	16.5059	0.000073 mg/L	Y 371.029
Cu 213.598	0.000094uv	mg/L	0.000147	155.6	0.448700	0.000094 mg/L	Y 371.029
Cu 324.754	-0.001882uv	mg/L	0.000171	9.1	383.901	-0.001882 mg/L	Y 371.029
Cu 327.395	0.000027uv	mg/L	0.000091	335.5	18.9520	0.000027 mg/L	Y 371.029
Fe 234.350	0.001607	mg/L	0.000701	43.6	40.9353	0.001607 mg/L	Y 371.029
Fe 238.204	0.001913	mg/L	0.000536	28.0	60.6675	0.001913 mg/L	Y 371.029
Fe 259.940	0.001960	mg/L	0.000371	18.9	67.8069	0.001960 mg/L	Y 371.029
Ga 287.423	0.001374uv	mg/L	0.002904	211.4	12.8279	0.001374 mg/L	Y 371.029
Ga 294.363	0.000827	mg/L	0.000583	70.5	13.5669	0.000827 mg/L	Y 371.029
Ga 417.204	0.001311	mg/L	0.001475	112.5	50.5011	0.001311 mg/L	Y 371.029
K 766.491	-0.002082uv	mg/L	0.000580	27.8	1708.40	-0.002082 mg/L	Y 371.029
K 769.897	-0.001149uv	mg/L	0.001034	90.0	8463.28	-0.001149 mg/L	Y 371.029
Li 610.365	0.001044	mg/L	0.000043	4.1	-14.9849	0.001044 mg/L	Y 371.029
Li 670.783	0.000207	mg/L	0.000097	46.9	53384.9	0.000207 mg/L	Y 371.029
Mg 279.078	0.002517uv	mg/L	0.003867	153.6	8.15726	0.002517 mg/L	Y 371.029
Mg 280.270	-0.001419uv	mg/L	0.000062	4.4	359.148	-0.001419 mg/L	Y 371.029
Mg 285.213	-0.001222uv	mg/L	0.000030	2.5	100.908	-0.001222 mg/L	Y 371.029
Mn 257.610	-0.000010	mg/L	0.000009	91.6	10.4233	-0.000010 mg/L	Y 371.029
Mn 259.372	0.000042	mg/L	0.000036	85.8	40.8531	0.000042 mg/L	Y 371.029
Mn 260.568	0.000062uv	mg/L	0.000131	210.8	5.60072	0.000062 mg/L	Y 371.029
Mo 202.032	uncal	mg/L	0.002107	10.7	74.7154	uncal mg/L	Y 371.029
Mo 203.846	0.020397	mg/L	0.003121	15.3	31.7741	0.020397 mg/L	Y 371.029
Mo 204.598	0.019112	mg/L	0.003105	16.2	31.7525	0.019112 mg/L	Y 371.029
Na 568.821	0.971131	mg/L	0.098884	10.2	128.426	0.971131 mg/L	Y 371.029
Na 588.995	-0.244509uv	mg/L	0.000966	0.4	140246	-0.244509 mg/L	Y 371.029
Na 589.592	-0.518613uv	mg/L	0.000671	0.1	56159.2	-0.518613 mg/L	Y 371.029
Ni 216.555	-0.000095uv	mg/L	0.000240	251.5	3.04372	-0.000095 mg/L	Y 371.029
Ni 221.648	0.000312uv	mg/L	0.000522	167.3	4.33002	0.000312 mg/L	Y 371.029
Ni 231.604	-0.000766uv	mg/L	0.000345	45.0	5.90634	-0.000766 mg/L	Y 371.029
P 177.434	-0.009157uv	mg/L	0.008044	87.8	0.102540	-0.009157 mg/L	Y 371.029
P 213.618	0.003423	mg/L	0.001578	46.1	1.65364	0.003423 mg/L	Y 371.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
P 214.914	0.009315	mg/L	0.003745	40.2	1.30881	0.009315 mg/L	Y 371.029
Pb 220.353	0.000264uv	mg/L	0.000664	251.9	4.84940	0.000264 mg/L	Y 371.029
Pb 261.417	0.009455	mg/L	0.006255	66.2	11.5942	0.009455 mg/L	Y 371.029
Pb 405.781	0.006434	mg/L	0.003616	56.2	93.8171	0.006434 mg/L	Y 371.029
Sb 206.834	-0.003998uv	mg/L	0.002619	65.5	3.95946	-0.003998 mg/L	Y 371.029
Sb 231.146	-0.007070uv	mg/L	0.002548	36.0	2.44216	-0.007070 mg/L	Y 371.029
Sb 259.804	-0.011150uv	mg/L	0.014391	129.1	7.46459	-0.011150 mg/L	Y 371.029
Se 196.026	0.011195	mg/L	0.005165	46.1	6.69634	0.011195 mg/L	Y 371.029
Se 203.985	0.010017uv	mg/L	0.013792	137.7	3.16709	0.010017 mg/L	Y 371.029
Si 250.690	-0.003476uv	mg/L	0.001259	36.2	134.301	-0.003476 mg/L	Y 371.029
Si 251.611	0.000107uv	mg/L	0.000800	750.8	153.472	0.000107 mg/L	Y 371.029
Si 288.158	-0.014940uv	mg/L	0.000766	5.1	1320.52	-0.014940 mg/L	Y 371.029
Sn 189.927	0.000473uv	mg/L	0.002643	558.9	1.84191	0.000473 mg/L	Y 371.029
Sn 283.998	0.003924	mg/L	0.003369	85.8	13.6005	0.003924 mg/L	Y 371.029
Sr 216.596	0.000242uv	mg/L	0.000248	102.6	18.3582	0.000242 mg/L	Y 371.029
Sr 407.771	-0.000081uv	mg/L	0.000006	7.6	5511.22	-0.000081 mg/L	Y 371.029
Sr 421.552	-0.000049uv	mg/L	0.000008	15.9	3334.28	-0.000049 mg/L	Y 371.029
Ti 334.941	0.000581	mg/L	0.000262	45.2	241.419	0.000581 mg/L	Y 371.029
Ti 336.122	0.000766	mg/L	0.000295	38.5	76.6197	0.000766 mg/L	Y 371.029
Ti 337.280	0.000367	mg/L	0.000048	13.2	20.9590	0.000367 mg/L	Y 371.029
Tl 190.794	-0.000823uv	mg/L	0.002240	272.2	1.66349	-0.000823 mg/L	Y 371.029
Tl 190.807	0.002182	mg/L	0.000308	14.1	0.988946	0.002182 mg/L	Y 371.029
Tl 351.923	0.002750	mg/L	0.002021	73.5	9.16641	0.002750 mg/L	Y 371.029
V 268.796	0.001348	mg/L	0.000648	48.1	47.6258	0.001348 mg/L	Y 371.029
V 292.401	0.000067uv	mg/L	0.000140	210.7	23.5975	0.000067 mg/L	Y 371.029
V 311.837	0.000265	mg/L	0.000070	26.5	11.7407	0.000265 mg/L	Y 371.029
Zn 202.548	0.003399	mg/L	0.000091	2.7	540.951	0.003399 mg/L	Y 371.029
Zn 206.200	0.003176	mg/L	0.000502	15.8	177.192	0.003176 mg/L	Y 371.029
Zn 213.857	0.002131	mg/L	0.001296	60.8	1069.11	0.002131 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.14566	9186.76	58.535	0.6
Y 371.029	0.948977	156493	993.431	0.6

11/3/2011 10:13:44 AM	Worksheet created from template
11/3/2011 10:13:45 AM	>>>New Worksheet2011D.vwst
11/3/2011 10:14:58 AM	Analysis started.
11/3/2011 10:18:07 AM	**Measured Blank**
11/3/2011 10:22:22 AM	**Measured Standard 1**
11/3/2011 10:26:00 AM	**Measured Standard 2**
11/3/2011 10:29:44 AM	**Measured Standard 3**
11/3/2011 10:33:35 AM	**Measured Standard 4**
11/3/2011 10:37:37 AM	**Measured Standard 5**
11/3/2011 10:41:50 AM	**Measured Standard 6**
11/3/2011 10:46:03 AM	**Measured Standard 7**
11/3/2011 10:47:33 AM	Calibration(Reslope) failed [Ag 338.289]: Maximum error has been exceeded.
11/3/2011 10:47:33 AM	Calibration(Reslope) failed [As 228.812]: Maximum error has been exceeded.
11/3/2011 10:47:33 AM	Calibration(Reslope) failed [Ca 430.253]: Maximum error has been exceeded.
11/3/2011 10:47:33 AM	Continuing in emission.
11/3/2011 10:47:44 AM	Analysis completed.
11/3/2011 10:53:28 AM	Analysis started.
11/3/2011 10:56:29 AM	**Measured Standard 2**
11/3/2011 10:57:25 AM	Calibration(Reslope) failed [As 188.980]: Maximum error has been exceeded.
11/3/2011 10:57:25 AM	Calibration(Reslope) failed [Mo 202.032]: Maximum error has been exceeded.
11/3/2011 10:57:25 AM	Calibration(Reslope) failed [Mo 204.598]: Maximum error has been exceeded.
11/3/2011 10:57:25 AM	Calibration(Reslope) failed [Mo 203.846]: Maximum error has been exceeded.
11/3/2011 10:57:25 AM	Calibration(Reslope) failed [Ag 338.289]: Maximum error has been exceeded.
11/3/2011 10:57:25 AM	Continuing in emission.
11/3/2011 10:57:34 AM	Analysis completed.
11/3/2011 10:58:52 AM	Analysis started.
11/3/2011 11:01:53 AM	**Measured Standard 2**
11/3/2011 11:02:59 AM	Calibration(Reslope) failed [Mo 202.032]: Maximum error has been exceeded.
11/3/2011 11:02:59 AM	Calibration(Reslope) failed [Mo 204.598]: Maximum error has been exceeded.
11/3/2011 11:02:59 AM	Calibration(Reslope) failed [Mo 203.846]: Maximum error has been exceeded.
11/3/2011 11:02:59 AM	Calibration(Reslope) failed [As 228.812]: Maximum error has been exceeded.
11/3/2011 11:02:59 AM	Continuing in emission.
11/3/2011 11:03:08 AM	Analysis completed.
11/3/2011 11:07:11 AM	Analysis started.
11/3/2011 11:10:14 AM	**Measured Standard 3**
11/3/2011 11:11:15 AM	Calibration(Reslope) failed [Mo 202.032]: Maximum error has been exceeded.
11/3/2011 11:11:15 AM	Calibration(Reslope) failed [As 228.812]: Maximum error has been exceeded.
11/3/2011 11:11:15 AM	Continuing in emission.
11/3/2011 11:11:24 AM	Analysis completed.
11/3/2011 11:12:36 AM	Analysis started.
11/3/2011 11:15:40 AM	**Measured SEQ-ICV1**
11/3/2011 11:17:24 AM	Analysis completed.
11/3/2011 11:19:13 AM	Analysis started.
11/3/2011 11:22:12 AM	**Measured SEQ-ICV2**
11/3/2011 11:23:47 AM	Analysis completed.
11/3/2011 11:26:41 AM	Analysis started.
11/3/2011 11:29:41 AM	**Measured SEQ-ICB1**
11/3/2011 11:32:43 AM	**Measured SEQ-LCV1**
11/3/2011 11:36:29 AM	**Measured SEQ-HCV1**
11/3/2011 11:38:06 AM	Analysis completed.
11/3/2011 11:39:57 AM	Analysis started.
11/3/2011 11:42:58 AM	**Measured SEQ-IFA1**
11/3/2011 11:47:11 AM	**Measured SEQ-IFB1**
11/3/2011 11:51:23 AM	**Measured SEQ-CCV1**
11/3/2011 11:55:21 AM	**Measured SEQ-CCB1**
11/3/2011 11:55:45 AM	Analysis completed.
11/3/2011 11:59:24 AM	Analysis started.
11/3/2011 12:02:28 PM	**Measured 1145144-BLK1**
11/3/2011 12:06:00 PM	**Measured 1145144-BS1**
11/3/2011 12:10:14 PM	**Measured 1145144-BS2**
11/3/2011 12:14:07 PM	**Measured 11J1430-04**
11/3/2011 12:17:58 PM	Request to stop the worksheet run after completing this solution.
11/3/2011 12:18:21 PM	**Measured 1145144-DUP1**
11/3/2011 12:22:15 PM	Analysis started.
11/3/2011 12:25:15 PM	**Measured 1145144-MS1**
11/3/2011 12:29:28 PM	**Measured 1145144-MSD1**
11/3/2011 12:33:27 PM	**Measured 1145144-SRD1**
11/3/2011 12:37:17 PM	**Measured 11J1464-02**
11/3/2011 12:41:09 PM	**Measured 11J1464-03**
11/3/2011 12:45:00 PM	**Measured SEQ-CCV2**
11/3/2011 12:48:54 PM	**Measured SEQ-CCB2**
11/3/2011 12:51:53 PM	**Measured 11J1464-05**
11/3/2011 12:55:52 PM	**Measured 11J1464-07**
11/3/2011 12:59:44 PM	**Measured 11J1464-09**
11/3/2011 1:03:34 PM	**Measured 11K0040-01**
11/3/2011 1:07:47 PM	**Measured 11K0051-01**
11/3/2011 1:12:00 PM	**Measured 11K0095-01**
11/3/2011 1:16:04 PM	**Measured 11K0095-02**
11/3/2011 1:20:09 PM	**Measured 11K0095-03**
11/3/2011 1:24:16 PM	**Measured 11K0121-01**
11/3/2011 1:27:57 PM	**Measured 11K0123-01**
11/3/2011 1:32:12 PM	**Measured SEQ-CCV3**
11/3/2011 1:36:17 PM	**Measured SEQ-CCB3**
11/3/2011 1:36:45 PM	Analysis completed.
11/3/2011 1:45:23 PM	Analysis started.
11/3/2011 1:48:23 PM	**Measured 11K0137-01**
11/3/2011 1:52:38 PM	**Measured 11K0185-01**

11/3/2011 1:54:18 PM	Analysis completed.
11/3/2011 2:11:55 PM	Analysis started.
11/3/2011 2:14:55 PM	**Measured 11J1430-04**
11/3/2011 2:18:53 PM	**Measured 1145144-DUP1**
11/3/2011 2:22:50 PM	**Measured 1145144-PS1**
11/3/2011 2:27:03 PM	**Measured 11K0123-01**
11/3/2011 2:31:17 PM	**Measured 11K0137-01**
11/3/2011 2:32:42 PM	Analysis completed.
11/3/2011 2:36:08 PM	Analysis started.
11/3/2011 2:39:08 PM	**Measured 1145046-BLK3**
11/3/2011 2:42:37 PM	**Measured 1145046-BS2**
11/3/2011 2:46:49 PM	**Measured 11J0711-01**
11/3/2011 2:50:46 PM	**Measured SEQ-CCV4**
11/3/2011 2:53:52 PM	Request to stop the worksheet run after completing this solution.
11/3/2011 2:54:41 PM	**Measured SEQ-CCB4**
11/3/2011 2:56:00 PM	Analysis started.
11/3/2011 2:58:59 PM	**Measured SEQ-CCV4**
11/3/2011 3:03:16 PM	**Measured SEQ-CCB4**
11/3/2011 3:06:19 PM	**Measured 1145046-DUP2**
11/3/2011 3:10:18 PM	**Measured 1145046-PS2**
11/3/2011 3:14:32 PM	**Measured 11J1398-01**
11/3/2011 3:16:04 PM	Analysis completed.
11/3/2011 3:48:05 PM	Analysis started.
11/3/2011 3:51:04 PM	**Measured SEQ-CCV5**
11/3/2011 3:55:17 PM	**Measured SEQ-CCB5**
11/3/2011 3:55:47 PM	Analysis completed.
11/4/2011 11:02:11 AM	Analysis started.
11/4/2011 11:02:31 AM	F F16510: Error. The plasma has gone out unexpectedly.
11/4/2011 11:02:31 AM	Analysis stopped due to error 0.
11/4/2011 11:02:31 AM	Immediate stop of worksheet run requested.
11/4/2011 11:02:46 AM	Analysis stopped due to error 22002.
11/4/2011 11:11:15 AM	Analysis started.
11/4/2011 11:14:17 AM	**Measured SEQ-CCV6**
11/4/2011 11:18:33 AM	**Measured SEQ-CCB6**
11/4/2011 11:21:37 AM	**Measured FRIDGE FILTER**
11/4/2011 11:25:43 AM	**Measured 1145174-BLK1**
11/4/2011 11:29:35 AM	**Measured 1145174-BS1**
11/4/2011 11:33:50 AM	**Measured 11J1400-01**
11/4/2011 11:38:01 AM	**Measured 11J1400-02**
11/4/2011 11:42:15 AM	**Measured 11K0182-01**
11/4/2011 11:46:07 AM	**Measured 11K0183-01**
11/4/2011 11:50:21 AM	**Measured 1145174-DUP1**
11/4/2011 11:54:21 AM	**Measured 1145174-MS1**
11/4/2011 11:57:54 AM	Request to stop the worksheet run after completing this solution.
11/4/2011 11:58:36 AM	**Measured 1145174-MSD1**
11/4/2011 12:03:18 PM	Analysis started.
11/4/2011 12:06:18 PM	**Measured SEQ-CCV7**
11/4/2011 12:10:32 PM	**Measured SEQ-CCB7**
11/4/2011 12:13:32 PM	**Measured 11J1400-01**
11/4/2011 12:17:46 PM	**Measured 11J1400-02**
11/4/2011 12:22:00 PM	**Measured 11K0183-01**
11/4/2011 12:26:14 PM	**Measured 1145174-DUP1**
11/4/2011 12:30:13 PM	**Measured 1145174-PS1**
11/4/2011 12:31:58 PM	Analysis completed.
11/4/2011 12:46:42 PM	Analysis started.
11/4/2011 12:49:42 PM	**Measured 11J1400-02**
11/4/2011 12:54:05 PM	Request to stop the worksheet run after completing this solution.
11/4/2011 12:53:48 PM	**Measured 11K0183-01**
11/4/2011 12:58:59 PM	Analysis started.
11/4/2011 1:01:59 PM	**Measured 1145174-DUP1**
11/4/2011 1:05:51 PM	**Measured 1145174-PS1**
11/4/2011 1:10:05 PM	**Measured 1145200-BLK1**
11/4/2011 1:13:39 PM	**Measured SEQ-CCV8**
11/4/2011 1:17:32 PM	**Measured SEQ-CCB8**
11/4/2011 1:20:35 PM	**Measured 1145200-BS1**
11/4/2011 1:24:44 PM	**Measured 11J1391-01**
11/4/2011 1:28:58 PM	**Measured 11J1391-02**
11/4/2011 1:33:13 PM	**Measured 11J1391-03**
11/4/2011 1:37:27 PM	**Measured 11J1391-04**
11/4/2011 1:41:42 PM	**Measured 11J1391-05**
11/4/2011 1:45:51 PM	**Measured 11J1391-06**
11/4/2011 1:49:51 PM	**Measured 11J1391-07**
11/4/2011 1:53:51 PM	**Measured 11J1391-08**
11/4/2011 1:57:53 PM	**Measured 11J1391-09**
11/4/2011 2:01:52 PM	**Measured SEQ-CCV9**
11/4/2011 2:06:06 PM	**Measured SEQ-CCB9**
11/4/2011 2:06:41 PM	Analysis completed.
11/4/2011 2:15:59 PM	Analysis started.
11/4/2011 2:18:58 PM	**Measured 11J1391-10**
11/4/2011 2:23:12 PM	**Measured 11J1391-11**
11/4/2011 2:27:26 PM	**Measured 11J1391-12**
11/4/2011 2:31:40 PM	**Measured 11J1391-13**
11/4/2011 2:35:38 PM	**Measured 11J1391-14**
11/4/2011 2:39:53 PM	**Measured 11J1391-15**
11/4/2011 2:43:44 PM	**Measured 11J1391-16**
11/4/2011 2:47:38 PM	**Measured 11J1391-17**
11/4/2011 2:51:37 PM	**Measured 1145200-DUP1**

11/4/2011 2:55:34 PM	**Measured 1145200-MS1**
11/4/2011 2:59:47 PM	**Measured SEQ-CCVA**
11/4/2011 3:03:41 PM	**Measured SEQ-CCBA**
11/4/2011 3:04:16 PM	Analysis completed.
11/4/2011 3:08:22 PM	Analysis started.
11/4/2011 3:11:22 PM	**Measured 1145200-MSD1**
11/4/2011 3:15:35 PM	**Measured 11J1391-18**
11/4/2011 3:19:49 PM	**Measured 11J1391-19**
11/4/2011 3:23:46 PM	**Measured 11J1391-20**
11/4/2011 3:27:46 PM	**Measured 1145200-BLK2**
11/4/2011 3:31:18 PM	**Measured 1145200-BS2**
11/4/2011 3:35:33 PM	**Measured 11J1391-21**
11/4/2011 3:39:47 PM	**Measured 11J1391-22**
11/4/2011 3:43:41 PM	**Measured 11J1391-23**
11/4/2011 3:47:35 PM	**Measured 11J1391-24**
11/4/2011 3:51:28 PM	**Measured SEQ-CCVB**
11/4/2011 3:55:30 PM	**Measured SEQ-CCBB**
11/4/2011 3:56:09 PM	Analysis completed.
11/4/2011 3:59:32 PM	Analysis started.
11/4/2011 4:02:31 PM	**Measured 11J1391-25**
11/4/2011 4:06:46 PM	**Measured 11J1391-26**
11/4/2011 4:11:00 PM	**Measured 11J1391-27**
11/4/2011 4:14:59 PM	**Measured 11J1391-28**
11/4/2011 4:18:33 PM	**Measured 11J1391-29**
11/4/2011 4:22:25 PM	**Measured 11J1391-30**
11/4/2011 4:26:38 PM	**Measured 11J1391-31**
11/4/2011 4:30:33 PM	**Measured 11J1391-32**
11/4/2011 4:34:39 PM	**Measured 1145200-DUP2**
11/4/2011 4:38:47 PM	**Measured 1145200-MS2**
11/4/2011 4:43:04 PM	**Measured SEQ-CCVC**
11/4/2011 4:47:02 PM	**Measured SEQ-CCBC**
11/4/2011 4:47:41 PM	Analysis completed.
11/4/2011 4:52:32 PM	Analysis started.
11/4/2011 4:55:36 PM	**Measured 1145200-MSD2**
11/4/2011 4:59:54 PM	**Measured 11J1391-33**
11/4/2011 5:03:52 PM	**Measured 11J1391-34**
11/4/2011 5:07:27 PM	**Measured 11J1391-35**
11/4/2011 5:11:01 PM	**Measured 1145174-BS1**
11/4/2011 5:14:57 PM	**Measured 11J1391-01**
11/4/2011 5:18:58 PM	**Measured 11J1391-03**
11/4/2011 5:22:50 PM	**Measured 11J1391-04**
11/4/2011 5:26:45 PM	**Measured 11J1391-06**
11/4/2011 5:31:27 PM	Request to stop the worksheet run after completing this solution.
11/4/2011 5:30:38 PM	**Measured 11J1391-07**
11/4/2011 5:35:18 PM	Analysis started.
11/4/2011 5:38:20 PM	**Measured SEQ-CCVD**
11/4/2011 5:42:37 PM	**Measured SEQ-CCBD**
11/4/2011 5:46:31 PM	Request to stop the worksheet run after completing this solution.
11/4/2011 5:45:40 PM	**Measured 11J1391-08**
11/4/2011 5:50:30 PM	Analysis started.
11/4/2011 5:53:32 PM	**Measured 11J1391-10**
11/4/2011 5:57:49 PM	**Measured 11J1391-11**
11/4/2011 6:01:54 PM	**Measured 11J1391-14**
11/4/2011 6:05:52 PM	**Measured 11J1391-16**
11/4/2011 6:09:58 PM	**Measured 11J1391-17**
11/4/2011 6:13:59 PM	**Measured 1145200-DUP1**
11/4/2011 6:17:58 PM	**Measured 1145200-PS1**
11/4/2011 6:22:15 PM	**Measured 11J1391-18**
11/4/2011 6:26:10 PM	**Measured 11J1391-19**
11/4/2011 6:30:05 PM	**Measured SEQ-CCVE**
11/4/2011 6:34:02 PM	**Measured SEQ-CCBE**
11/4/2011 6:37:07 PM	**Measured 11J1391-20**
11/4/2011 6:41:01 PM	**Measured 11J1391-21**
11/4/2011 6:45:09 PM	**Measured 11J1391-25**
11/4/2011 6:49:04 PM	**Measured 11J1391-26**
11/4/2011 6:53:21 PM	**Measured 11J1391-27**
11/4/2011 6:57:20 PM	**Measured 11J1391-01**
11/4/2011 7:01:12 PM	**Measured SEQ-CCVF**
11/4/2011 7:05:22 PM	**Measured SEQ-CCBF**
11/4/2011 7:06:05 PM	Analysis completed.

111107A. All Data Report 11/8/2011, 12:19:46

Blank (Blk) **11/7/2011, 11:38:46 AM** **Rack 2, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.000000	mg/L	8.085	2.2	359.957
Ag 338.289	0.000000	mg/L	1.693	230.2	0.735663
Al 237.312	0.000000	mg/L	3.851	5.9	64.7915
Al 257.509	0.000000	mg/L	1.551	6.3	24.6349
Al 308.215	0.000000	mg/L	13.576	1.7	781.210
As 188.980	0.000000	mg/L	1.160	33.7	3.44435
As 193.696	0.000000	mg/L	1.418	64.8	2.18874
As 228.812	0.000000	mg/L	2.874	47.5	6.04444
B 182.577	0.000000	mg/L	1.065	16.5	6.45863
B 249.678	0.000000	mg/L	3.021	4.1	74.0992
B 249.772	0.000000	mg/L	5.153	3.0	172.217
Ba 233.527	0.000000	mg/L	2.642	1.6	163.145
Ba 455.403	0.000000	mg/L	12.471	0.3	4683.42
Ba 493.408	0.000000	mg/L	7.267	0.3	2647.75
Be 234.861	0.000000	mg/L	0.216	17.5	-1.23168
Be 313.042	0.000000	mg/L	34.896	1.2	2868.04
Be 313.107	0.000000	mg/L	3.692	10.2	36.0389
Ca 393.366	0.000000n	mg/L	37.412	0.1	38435.4
Ca 396.847	0.000000	mg/L	91.533	0.2	50200.4
Ca 430.253	0.000000	mg/L	9.034	1.0	878.197
Cd 214.439	0.000000	mg/L	1.665	21.6	7.69884
Cd 226.502	0.000000	mg/L	1.254	5.4	23.3853
Cd 228.802	0.000000	mg/L	1.834	10.0	18.3753
Co 228.615	0.000000	mg/L	1.639	37.5	4.36892
Co 230.786	0.000000	mg/L	0.719	8.3	8.69648
Co 238.892	0.000000	mg/L	1.416	30.4	4.65852
Cr 205.560	0.000000	mg/L	1.609	43.7	3.68493
Cr 206.158	0.000000	mg/L	0.357	13.7	2.60041
Cr 267.716	0.000000	mg/L	2.618	13.9	18.8395
Cu 213.598	0.000000	mg/L	0.120	9.1	1.31107
Cu 324.754	0.000000	mg/L	12.145	2.0	593.490
Cu 327.395	0.000000	mg/L	6.432	23.1	27.8994
Fe 234.350	0.000000	mg/L	2.914	10.7	27.2889
Fe 238.204	0.000000	mg/L	4.891	15.5	31.5161
Fe 259.940	0.000000	mg/L	2.120	5.1	41.5733
Ga 287.423	0.000000	mg/L	0.989	7.3	13.5016
Ga 294.363	0.000000	mg/L	1.301	9.2	14.1083
Ga 417.204	0.000000	mg/L	4.479	7.9	56.4413
K 766.491	0.000000	mg/L	21.804	1.1	1974.10
K 769.897	0.000000	mg/L	34.010	0.4	9536.86
Li 610.365	0.000000	mg/L	5.097	24.4	-20.8797
Li 670.783	0.000000	mg/L	137.130	0.2	56350.8
Mg 279.078	0.000000	mg/L	1.712	22.1	7.75920
Mg 280.270	0.000000	mg/L	2.879	0.8	360.764
Mg 285.213	0.000000	mg/L	1.706	1.7	98.2239
Mn 257.610	0.000000	mg/L	4.692	36.1	13.0010
Mn 259.372	0.000000	mg/L	5.822	20.1	28.9624
Mn 260.568	0.000000	mg/L	1.104	31.1	3.54901
Mo 202.032	0.000000	mg/L	1.063	7.7	13.8250
Mo 203.846	0.000000	mg/L	0.623	10.7	5.82442

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.000000	mg/L	1.252	24.5	5.10563
Na 568.821	0.000000	mg/L	5.948	4.9	121.987
Na 588.995	0.000000	mg/L	884.263	0.6	143811
Na 589.592	0.000000	mg/L	437.086	0.7	62717.3
Ni 216.555	0.000000	mg/L	2.036	71.4	2.85339
Ni 221.648	0.000000	mg/L	1.414	47.9	2.94790
Ni 231.604	0.000000	mg/L	1.426	18.9	7.54268
P 177.434	0.000000	mg/L	0.437	63.2	0.691208
P 213.618	0.000000	mg/L	0.734	24.4	3.01106
P 214.914	0.000000	mg/L	0.699	120.5	0.579898
Pb 220.353	0.000000	mg/L	1.579	39.3	4.01512
Pb 261.417	0.000000	mg/L	1.569	14.5	10.8180
Pb 405.781	0.000000	mg/L	10.417	9.4	110.647
Sb 206.834	0.000000	mg/L	1.254	29.8	4.20509
Sb 231.146	0.000000	mg/L	2.373	51.8	4.58078
Sb 259.804	0.000000	mg/L	2.450	31.3	7.81601
Se 196.026	0.000000	mg/L	1.585	49.0	3.23241
Se 203.985	0.000000	mg/L	1.309	40.1	3.26151
Si 250.690	0.000000	mg/L	1.048	0.8	137.887
Si 251.611	0.000000	mg/L	1.940	1.2	161.855
Si 288.158	0.000000	mg/L	7.769	0.5	1533.36
Sn 189.927	0.000000	mg/L	0.580	28.4	2.04520
Sn 283.998	0.000000	mg/L	3.926	29.1	13.5112
Sr 216.596	0.000000	mg/L	3.307	17.5	18.8600
Sr 407.771	0.000000	mg/L	11.577	0.2	5770.39
Sr 421.552	0.000000	mg/L	8.121	0.2	3321.38
Ti 334.941	0.000000	mg/L	12.887	14.1	91.2524
Ti 336.122	0.000000	mg/L	11.132	58.9	18.9131
Ti 337.280	0.000000	mg/L	5.406	37.7	14.3340
Tl 190.794	0.000000	mg/L	0.393	33.8	1.16473
Tl 190.807	0.000000	mg/L	0.763	77.8	0.980838
Tl 351.923	0.000000	mg/L	9.095	90.1	10.0983
V 268.796	0.000000	mg/L	3.118	14.1	22.1511
V 292.401	0.000000	mg/L	6.675	23.8	28.0033
V 311.837	0.000000	mg/L	5.497	54.3	10.1319
Zn 202.548	0.000000	mg/L	2.757	0.5	533.100
Zn 206.200	0.000000	mg/L	0.548	0.3	174.734
Zn 213.857	0.000000	mg/L	4.842	0.5	1070.00

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02747	8239.10	26.872	0.3
Y 371.029	0.849079	140019	209.421	0.1

Standard 1 (Std) **11/7/2011, 11:42:58 AM** **Rack 2, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.001000	mg/L	4.335	4.5	97.2149
Be 313.042	0.001000	mg/L	5.269	0.1	4218.56
Be 313.107	0.001000	mg/L	5.398	0.7	769.898
Cd 214.439	0.000500	mg/L	1.025	6.4	16.0544
Cd 226.502	0.000500	mg/L	2.702	7.0	38.6808

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 228.802	0.000500	mg/L	2.179	9.0	24.0974
Cr 205.560	0.001000	mg/L	0.923	11.9	7.77222
Cr 206.158	0.001000	mg/L	1.301	31.6	4.12119
Cr 267.716	0.001000	mg/L	1.917	5.1	37.3206
Cu 213.598	0.001000	mg/L	2.711	74.0	3.66135
Cu 324.754	0.001000	mg/L	3.313	0.6	581.554
Cu 327.395	0.001000	mg/L	9.100	12.4	73.5672
K 766.491	0.010000	mg/L	13.705	0.5	2635.91
K 769.897	0.010000	mg/L	60.170	0.6	9996.83
Mg 279.078	0.010000	mg/L	0.503	2.2	22.7779
Mg 280.270	0.010000	mg/L	1.172	0.1	1518.65
Mg 285.213	0.010000	mg/L	1.659	0.4	456.020

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.04150	8351.55	34.103	0.4
Y 371.029	0.860585	141917	544.525	0.4

Standard 2 (Std) **11/7/2011, 11:46:35 AM** **Rack 2, Tube 3**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.001000	mg/L	9.742	2.4	398.414
Ag 338.289	0.001000	mg/L	2.543	35.3	7.19995
Al 237.312	0.025000	mg/L	4.401	4.9	89.9534
Al 257.509	0.025000	mg/L	5.300	15.7	33.7437
Al 308.215	0.025000	mg/L	5.039	0.6	776.527
As 188.980	0.005000	mg/L	1.225	17.7	6.90888
As 193.696	0.005000	mg/L	1.791	53.6	3.34200
As 228.812	0.005000	mg/L	9.152	151.8	6.02875
Ba 233.527	0.005000	mg/L	2.736	0.8	333.307
Ba 455.403	0.005000	mg/L	31.294	0.3	9799.47
Ba 493.408	0.005000	mg/L	11.008	0.2	5550.40
Be 234.861	0.005000	mg/L	4.045	0.8	512.011
Be 313.042	0.005000	mg/L	16.919	0.2	10789.0
Be 313.107	0.005000	mg/L	2.519	0.1	3806.18
Ca 393.366	0.050000n	mg/L	169.884	0.2	98212.2
Ca 396.847	0.050000	mg/L	139.056	0.1	127947
Ca 430.253	0.050000	mg/L	10.297	0.9	1087.11
Cd 214.439	0.002500	mg/L	1.350	2.7	49.3866
Cd 226.502	0.002500	mg/L	5.055	5.2	97.8133
Cd 228.802	0.002500	mg/L	2.198	4.1	53.8341
Co 228.615	0.005000	mg/L	2.245	5.4	41.5453
Co 230.786	0.005000	mg/L	0.360	1.1	34.0889
Co 238.892	0.005000	mg/L	2.020	6.4	31.6519
Cr 205.560	0.005000	mg/L	1.405	6.3	22.2877
Cr 206.158	0.005000	mg/L	1.080	11.5	9.38063
Cr 267.716	0.005000	mg/L	4.396	4.0	108.947
Cu 213.598	0.005000	mg/L	1.280	8.0	15.9490
Cu 324.754	0.005000	mg/L	10.188	1.4	723.078
Cu 327.395	0.005000	mg/L	5.669	2.3	243.340
Fe 234.350	0.005000	mg/L	5.971	9.1	65.8495
Fe 238.204	0.005000	mg/L	6.851	5.9	116.974

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Fe 259.940	0.005000	mg/L	7.784	6.5	119.340
Ga 287.423	0.005000	mg/L	2.051	10.1	20.3874
Ga 294.363	0.005000	mg/L	7.723	23.8	32.3822
Ga 417.204	0.005000	mg/L	4.526	5.0	89.7833
K 766.491	0.050000	mg/L	30.060	0.6	5080.13
K 769.897	0.050000	mg/L	30.164	0.3	11951.1
Li 610.365	0.010000	mg/L	2.424	3.5	70.1961
Li 670.783	0.010000	mg/L	229.286	0.3	85477.9
Mg 279.078	0.050000	mg/L	4.235	5.4	78.6494
Mg 280.270	0.050000	mg/L	14.226	0.3	5436.69
Mg 285.213	0.050000	mg/L	4.497	0.3	1683.92
Mn 257.610	0.005000	mg/L	6.030	0.8	718.878
Mn 259.372	0.005000	mg/L	5.766	1.0	564.074
Mn 260.568	0.005000	mg/L	0.451	0.5	96.8548
Mo 202.032	0.010000	mg/L	0.376	0.8	44.2581
Mo 203.846	0.010000	mg/L	2.005	11.3	17.7589
Mo 204.598	0.010000	mg/L	1.238	7.2	17.1508
Ni 216.555	0.010000	mg/L	1.434	2.8	50.5174
Ni 221.648	0.010000	mg/L	0.768	3.4	22.4934
Ni 231.604	0.010000	mg/L	1.332	3.3	40.0134
Pb 220.353	0.010000	mg/L	1.321	9.3	14.2795
Pb 261.417	0.010000	mg/L	1.468	9.3	15.8348
Pb 405.781	0.010000	mg/L	8.432	6.7	125.179
Se 196.026	0.010000	mg/L	0.296	4.7	6.30481
Se 203.985	0.010000	mg/L	2.107	98.8	2.13268
Si 250.690	0.010000	mg/L	1.234	0.8	148.880
Si 251.611	0.010000	mg/L	4.321	2.5	172.366
Si 288.158	0.010000	mg/L	5.580	0.4	1554.58
Sn 189.927	0.010000	mg/L	0.741	14.9	4.95925
Sn 283.998	0.010000	mg/L	8.205	39.7	20.6437
Sr 216.596	0.005000	mg/L	2.415	3.9	62.6813
Sr 407.771	0.005000	mg/L	15.538	0.1	19022.3
Sr 421.552	0.005000	mg/L	18.081	0.2	11285.3
Ti 334.941	0.005000	mg/L	16.814	1.6	1076.29
Ti 336.122	0.005000	mg/L	7.821	1.9	409.313
Ti 337.280	0.005000	mg/L	2.422	1.6	147.619
V 268.796	0.005000	mg/L	14.353	23.9	60.0828
V 292.401	0.005000	mg/L	3.562	1.8	195.730
V 311.837	0.005000	mg/L	8.658	4.2	206.449
Zn 202.548	0.005000	mg/L	1.102	0.2	572.429
Zn 206.200	0.005000	mg/L	1.186	0.6	188.228
Zn 213.857	0.005000	mg/L	4.141	0.4	1143.50

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03490	8298.63	44.596	0.5
Y 371.029	0.853798	140797	731.847	0.5

111107A. All Data Report 11/8/2011, 12:19:46

Standard 3 (Std) **11/7/2011, 11:50:18 AM** **Rack 2, Tube 4**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.004000	mg/L	8.010	1.5	527.707
Ag 338.289	0.004000	mg/L	3.095	29.7	10.4341
Al 237.312	0.100000	mg/L	1.821	0.8	234.094
Al 257.509	0.100000	mg/L	2.647	2.9	91.2043
Al 308.215	0.100000	mg/L	5.532	0.4	1339.03
As 188.980	0.020000	mg/L	0.702	7.5	9.40299
As 193.696	0.020000	mg/L	0.955	9.9	9.65061
As 228.812	0.020000	mg/L	14.040	124.6	11.2724
B 182.577	0.020000	mg/L	0.390	2.6	15.1391
B 249.678	0.020000	mg/L	5.626	2.4	230.299
B 249.772	0.020000	mg/L	6.779	1.3	535.100
Ba 233.527	0.020000	mg/L	2.356	0.3	841.934
Ba 455.403	0.020000	mg/L	63.600	0.3	25316.8
Ba 493.408	0.020000	mg/L	44.561	0.3	14283.6
Be 234.861	0.020000	mg/L	9.830	0.5	2068.06
Be 313.042	0.020000	mg/L	211.074	0.6	34317.5
Be 313.107	0.020000	mg/L	87.167	0.6	15083.1
Ca 393.366	0.200000n	mg/L	1306.741	0.3	411722
Ca 396.847	0.200000	mg/L	1138.143	0.2	522950
Ca 430.253	0.200000	mg/L	13.543	0.7	1965.56
Cd 214.439	0.010000	mg/L	1.299	0.7	178.792
Cd 226.502	0.010000	mg/L	2.968	0.9	319.499
Cd 228.802	0.010000	mg/L	3.648	2.3	158.133
Co 228.615	0.020000	mg/L	4.736	2.7	173.557
Co 230.786	0.020000	mg/L	1.177	1.0	116.628
Co 238.892	0.020000	mg/L	0.869	0.8	110.498
Cr 205.560	0.020000	mg/L	0.553	0.7	77.7953
Cr 206.158	0.020000	mg/L	1.469	4.5	32.8282
Cr 267.716	0.020000	mg/L	4.407	1.1	403.939
Cu 213.598	0.020000	mg/L	1.362	2.3	60.4432
Cu 324.754	0.020000	mg/L	10.519	0.8	1264.71
Cu 327.395	0.020000	mg/L	12.862	1.4	932.220
Fe 234.350	0.020000	mg/L	14.597	8.2	178.858
Fe 238.204	0.020000	mg/L	20.167	5.5	365.947
Fe 259.940	0.020000	mg/L	16.678	5.0	333.820
Ga 287.423	0.020000	mg/L	9.299	15.8	58.8607
Ga 294.363	0.020000	mg/L	4.709	3.9	120.429
Ga 417.204	0.020000	mg/L	17.204	7.2	238.469
K 766.491	0.200000	mg/L	55.375	0.4	14282.6
K 769.897	0.200000	mg/L	26.995	0.1	19096.8
Li 610.365	0.040000	mg/L	11.305	1.4	812.102
Li 670.783	0.040000	mg/L	522.118	0.3	173669
Mg 279.078	0.200000	mg/L	2.210	0.8	279.659
Mg 280.270	0.200000	mg/L	139.802	0.7	20737.3
Mg 285.213	0.200000	mg/L	19.911	0.3	6478.68
Mn 257.610	0.020000	mg/L	64.262	2.3	2788.11
Mn 259.372	0.020000	mg/L	40.739	1.9	2113.48
Mn 260.568	0.020000	mg/L	5.132	1.3	382.585
Mo 202.032	0.040000	mg/L	0.916	0.7	133.007
Mo 203.846	0.040000	mg/L	0.279	0.5	53.7512

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Mo 204.598	0.040000	mg/L	1.547	2.7	57.1173
Ni 216.555	0.040000	mg/L	2.267	1.2	189.266
Ni 221.648	0.040000	mg/L	1.071	1.4	78.7524
Ni 231.604	0.040000	mg/L	1.094	0.8	133.577
P 177.434	0.020000	mg/L	0.257	26.6	0.967206
P 213.618	0.020000	mg/L	0.659	7.1	9.22898
P 214.914	0.020000	mg/L	1.697	50.7	3.35083
Pb 220.353	0.040000	mg/L	1.531	3.4	45.3913
Pb 261.417	0.040000	mg/L	0.737	2.2	32.8138
Pb 405.781	0.040000	mg/L	8.515	4.9	173.382
Sb 206.834	0.040000	mg/L	1.378	5.0	27.5280
Sb 231.146	0.040000	mg/L	2.494	9.5	26.1497
Sb 259.804	0.040000	mg/L	4.636	23.8	19.4663
Se 196.026	0.040000	mg/L	0.674	4.9	13.7009
Se 203.985	0.040000	mg/L	1.255	18.9	6.65277
Si 250.690	0.040000	mg/L	2.782	1.5	186.428
Si 251.611	0.040000	mg/L	5.605	2.5	220.760
Si 288.158	0.040000	mg/L	16.150	0.9	1769.18
Sn 189.927	0.040000	mg/L	0.314	2.9	10.8227
Sn 283.998	0.040000	mg/L	27.828	43.1	64.5250
Sr 216.596	0.020000	mg/L	5.212	2.8	187.370
Sr 407.771	0.020000	mg/L	293.886	0.5	60106.6
Sr 421.552	0.020000	mg/L	130.764	0.4	35962.0
Ti 334.941	0.020000	mg/L	37.546	1.0	3927.93
Ti 336.122	0.020000	mg/L	9.657	0.6	1666.32
Ti 337.280	0.020000	mg/L	11.815	2.0	603.114
Tl 190.794	0.020000	mg/L	1.077	15.4	6.99284
Tl 190.807	0.020000	mg/L	1.235	37.9	3.26297
Tl 351.923	0.020000	mg/L	6.523	20.5	31.8296
V 268.796	0.020000	mg/L	45.740	25.2	181.307
V 292.401	0.020000	mg/L	10.642	1.5	717.834
V 311.837	0.020000	mg/L	6.088	0.7	877.172
Zn 202.548	0.020000	mg/L	10.707	1.6	686.815
Zn 206.200	0.020000	mg/L	2.719	1.2	227.736
Zn 213.857	0.020000	mg/L	28.991	2.1	1363.25

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.03795	8323.11	38.251	0.5
Y 371.029	0.857449	141399	492.256	0.3

Standard 4 (Std) **11/7/2011, 11:54:06 AM** **Rack 2, Tube 5**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.020000	mg/L	3.833	0.3	1255.32
Ag 338.289	0.020000	mg/L	5.173	10.6	48.6282
Al 237.312	0.500000	mg/L	4.266	0.6	767.847
Al 257.509	0.500000	mg/L	4.837	1.5	324.413
Al 308.215	0.500000	mg/L	14.558	0.4	3350.70
As 188.980	0.100000	mg/L	1.024	3.1	33.5661
As 193.696	0.100000	mg/L	0.881	2.6	33.8029
As 228.812	0.100000	mg/L	48.178	114.7	42.0026

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
B 182.577	0.100000	mg/L	0.683	1.4	50.2073
B 249.678	0.100000	mg/L	20.204	2.5	814.719
B 249.772	0.100000	mg/L	38.266	2.1	1845.67
Ba 233.527	0.100000	mg/L	11.614	0.3	3570.76
Ba 455.403	0.100000	mg/L	80.192	0.1	105869
Ba 493.408	0.100000	mg/L	54.283	0.1	60444.1
Be 234.861	0.100000	mg/L	134.525	1.3	10329.3
Be 313.042	0.100000	mg/L	509.410	0.3	162382
Be 313.107	0.100000	mg/L	268.925	0.4	75294.7
Ca 393.366	1.00000n	mg/L	1807.256	0.1	1547929
Ca 396.847	1.00000	mg/L	3475.109	0.2	2034649
Ca 430.253	1.00000	mg/L	22.826	0.5	4870.67
Cd 214.439	0.050000	mg/L	4.831	0.6	865.493
Cd 226.502	0.050000	mg/L	5.221	0.3	1537.78
Cd 228.802	0.050000	mg/L	1.153	0.2	717.687
Co 228.615	0.100000	mg/L	9.439	1.1	869.471
Co 230.786	0.100000	mg/L	2.426	0.4	564.887
Co 238.892	0.100000	mg/L	1.889	0.4	535.548
Cr 205.560	0.100000	mg/L	2.654	0.7	380.738
Cr 206.158	0.100000	mg/L	1.569	1.0	161.479
Cr 267.716	0.100000	mg/L	7.033	0.4	1955.08
Cu 213.598	0.100000	mg/L	2.446	0.8	319.386
Cu 324.754	0.100000	mg/L	15.206	0.4	4235.30
Cu 327.395	0.100000	mg/L	9.138	0.2	4526.60
Fe 234.350	0.100000	mg/L	57.212	7.3	780.129
Fe 238.204	0.100000	mg/L	77.671	4.6	1682.35
Fe 259.940	0.100000	mg/L	59.617	4.1	1442.81
Ga 287.423	0.100000	mg/L	9.389	4.0	232.713
Ga 294.363	0.100000	mg/L	6.016	1.0	596.480
Ga 417.204	0.100000	mg/L	70.370	7.4	955.241
K 766.491	1.00000	mg/L	82.023	0.1	64908.6
K 769.897	1.00000	mg/L	26.353	0.0	58099.3
Li 610.365	0.200000	mg/L	15.288	0.2	7274.29
Li 670.783	0.200000	mg/L	1128.507	0.2	626219
Mg 279.078	1.00000	mg/L	2.729	0.2	1370.43
Mg 280.270	1.00000	mg/L	1116.477	1.1	101187
Mg 285.213	1.00000	mg/L	55.450	0.2	31799.1
Mn 257.610	0.100000	mg/L	246.271	1.8	13859.3
Mn 259.372	0.100000	mg/L	177.840	1.7	10185.3
Mn 260.568	0.100000	mg/L	14.513	0.8	1907.50
Mo 202.032	0.200000	mg/L	8.704	1.4	608.834
Mo 203.846	0.200000	mg/L	1.204	0.5	247.682
Mo 204.598	0.200000	mg/L	3.728	1.3	284.005
Na 568.821	1.00000	mg/L	6.658	2.3	294.549
Na 588.995	1.00000	mg/L	2117.188	0.3	648469
Na 589.592	1.00000	mg/L	722.963	0.2	325578
Ni 216.555	0.200000	mg/L	1.289	0.1	930.607
Ni 221.648	0.200000	mg/L	3.127	0.8	388.798
Ni 231.604	0.200000	mg/L	4.426	0.7	642.636
P 177.434	0.100000	mg/L	0.420	10.6	3.97305
P 213.618	0.100000	mg/L	2.006	4.0	50.0943

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
P 214.914	0.100000	mg/L	2.284	13.1	17.4780
Pb 220.353	0.200000	mg/L	2.568	1.2	208.504
Pb 261.417	0.200000	mg/L	4.766	4.3	110.140
Pb 405.781	0.200000	mg/L	9.163	2.4	381.062
Sb 206.834	0.200000	mg/L	3.455	2.8	125.366
Sb 231.146	0.200000	mg/L	1.707	1.6	105.216
Sb 259.804	0.200000	mg/L	2.858	3.2	89.0145
Se 196.026	0.200000	mg/L	1.230	2.5	48.3753
Se 203.985	0.200000	mg/L	2.437	8.9	27.2585
Si 250.690	0.200000	mg/L	3.755	0.9	402.597
Si 251.611	0.200000	mg/L	10.282	2.2	473.533
Si 288.158	0.200000	mg/L	7.733	0.3	2986.15
Sn 189.927	0.200000	mg/L	1.202	2.8	43.3533
Sn 283.998	0.200000	mg/L	122.936	43.9	279.998
Sr 216.596	0.100000	mg/L	3.620	0.4	857.150
Sr 407.771	0.100000	mg/L	774.277	0.3	271301
Sr 421.552	0.100000	mg/L	346.325	0.2	162910
Ti 334.941	0.100000	mg/L	225.582	1.2	19171.8
Ti 336.122	0.100000	mg/L	93.176	1.1	8173.21
Ti 337.280	0.100000	mg/L	15.796	0.5	3024.13
Tl 190.794	0.100000	mg/L	0.518	1.8	29.0668
Tl 190.807	0.100000	mg/L	0.268	1.6	17.1435
Tl 351.923	0.100000	mg/L	7.435	6.3	117.727
V 268.796	0.100000	mg/L	217.029	25.8	840.582
V 292.401	0.100000	mg/L	10.253	0.3	3449.22
V 311.837	0.100000	mg/L	20.225	0.4	4588.47
Zn 202.548	0.100000	mg/L	22.339	1.7	1300.57
Zn 206.200	0.100000	mg/L	3.013	0.7	424.806
Zn 213.857	0.100000	mg/L	55.583	2.2	2581.73

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.04284	8362.33	17.875	0.2
Y 371.029	0.859941	141810	393.086	0.3

Standard 5 (Std) **11/7/2011, 11:58:18 AM** **Rack 2, Tube 6**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.100000	mg/L	3.052	0.1	4925.68
Ag 338.289	0.100000	mg/L	9.965	3.3	303.791
Al 237.312	2.50000	mg/L	15.934	0.4	3708.45
Al 257.509	2.50000	mg/L	8.000	0.5	1601.75
Al 308.215	2.50000	mg/L	70.738	0.5	14882.2
As 188.980	0.500000	mg/L	0.756	0.5	155.474
As 193.696	0.500000	mg/L	1.833	1.1	172.031
As 228.812	0.500000	mg/L	300.230	118.5	253.386
B 182.577	0.500000	mg/L	3.978	1.7	231.991
B 249.678	0.500000	mg/L	56.376	1.4	3953.29
B 249.772	0.500000	mg/L	378.682	4.3	8852.29
Ba 233.527	0.500000	mg/L	37.840	0.2	17944.2
Ba 455.403	0.500000	mg/L	1498.150	0.3	521927
Ba 493.408	0.500000	mg/L	319.362	0.1	301250

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Be 234.861	0.500000	mg/L	118.500	0.2	54222.1
Be 313.042	0.500000	mg/L	2871.222	0.3	828848
Be 313.107	0.500000	mg/L	1840.063	0.5	390167
Ca 393.366	5.00000n	mg/L	5567.294	0.1	7081199
Ca 396.847	5.00000	mg/L	14957.154	0.2	9579300
Ca 430.253	5.00000	mg/L	106.988	0.5	20642.0
Cd 214.439	0.250000	mg/L	6.161	0.1	4554.91
Cd 226.502	0.250000	mg/L	8.942	0.1	7864.64
Cd 228.802	0.250000	mg/L	13.941	0.4	3669.86
Co 228.615	0.500000	mg/L	30.876	0.7	4601.07
Co 230.786	0.500000	mg/L	15.662	0.5	2940.83
Co 238.892	0.500000	mg/L	15.488	0.6	2790.41
Cr 205.560	0.500000	mg/L	6.774	0.3	1981.77
Cr 206.158	0.500000	mg/L	5.995	0.7	832.594
Cr 267.716	0.500000	mg/L	46.462	0.5	9965.75
Cu 213.598	0.500000	mg/L	14.566	0.9	1695.05
Cu 324.754	0.500000	mg/L	67.186	0.3	19689.4
Cu 327.395	0.500000	mg/L	32.028	0.1	23482.4
Fe 234.350	0.500000	mg/L	296.346	7.6	3921.14
Fe 238.204	0.500000	mg/L	425.282	5.0	8531.92
Fe 259.940	0.500000	mg/L	311.199	4.3	7306.71
Ga 287.423	0.500000	mg/L	37.212	3.1	1188.80
Ga 294.363	0.500000	mg/L	17.479	0.6	3148.40
Ga 417.204	0.500000	mg/L	377.264	7.8	4835.23
K 766.491	5.00000	mg/L	568.454	0.2	324509
K 769.897	5.00000	mg/L	543.872	0.2	262263
Li 610.365	1.00000	mg/L	105.667	0.2	45663.8
Li 670.783	1.00000	mg/L	5938.275	0.2	3047935
Mg 279.078	5.00000	mg/L	4.696	0.1	7037.74
Mg 280.270	5.00000	mg/L	1148.580	0.2	519757
Mg 285.213	5.00000	mg/L	1342.803	0.8	170044
Mn 257.610	0.500000	mg/L	2042.367	2.8	72920.2
Mn 259.372	0.500000	mg/L	1496.104	2.8	53466.9
Mn 260.568	0.500000	mg/L	111.465	1.1	9863.73
Mo 202.032	1.00000	mg/L	57.378	1.7	3328.90
Mo 203.846	1.00000	mg/L	36.062	2.7	1356.48
Mo 204.598	1.00000	mg/L	37.153	2.4	1569.04
Na 568.821	5.00000	mg/L	31.101	2.4	1282.39
Na 588.995	5.00000	mg/L	6186.607	0.2	2791038
Na 589.592	5.00000	mg/L	3610.759	0.3	1412495
Ni 216.555	1.00000	mg/L	6.129	0.1	4851.30
Ni 221.648	1.00000	mg/L	5.533	0.3	2013.49
Ni 231.604	1.00000	mg/L	10.820	0.3	3344.21
P 177.434	0.500000	mg/L	0.380	1.9	20.0915
P 213.618	0.500000	mg/L	11.182	4.1	272.973
P 214.914	0.500000	mg/L	6.116	7.2	85.4697
Pb 220.353	1.00000	mg/L	4.167	0.4	1087.50
Pb 261.417	1.00000	mg/L	5.452	1.0	550.087
Pb 405.781	1.00000	mg/L	17.059	1.1	1551.06
Sb 206.834	1.00000	mg/L	5.121	0.8	643.787
Sb 231.146	1.00000	mg/L	6.434	1.2	531.800

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sb 259.804	1.00000	mg/L	4.439	1.0	462.354
Se 196.026	1.00000	mg/L	7.091	2.9	247.309
Se 203.985	1.00000	mg/L	9.971	6.8	146.822
Si 250.690	1.00000	mg/L	14.526	1.0	1426.31
Si 251.611	1.00000	mg/L	39.367	2.3	1684.57
Si 288.158	1.00000	mg/L	105.458	1.2	8740.64
Sn 189.927	1.00000	mg/L	1.890	0.9	216.245
Sn 283.998	1.00000	mg/L	647.097	45.8	1413.47
Sr 216.596	0.500000	mg/L	6.490	0.1	4397.86
Sr 407.771	0.500000	mg/L	4335.791	0.3	1350866
Sr 421.552	0.500000	mg/L	6183.518	0.8	817244
Ti 334.941	0.500000	mg/L	224.073	0.2	98468.4
Ti 336.122	0.500000	mg/L	195.912	0.5	42624.2
Ti 337.280	0.500000	mg/L	70.064	0.4	15794.4
Tl 190.794	0.500000	mg/L	1.072	0.7	155.699
Tl 190.807	0.500000	mg/L	1.586	1.9	85.6995
Tl 351.923	0.500000	mg/L	10.742	1.8	593.131
V 268.796	0.500000	mg/L	1235.703	28.9	4272.80
V 292.401	0.500000	mg/L	83.456	0.5	17666.8
V 311.837	0.500000	mg/L	70.504	0.3	24630.7
Zn 202.548	0.500000	mg/L	80.874	1.8	4545.71
Zn 206.200	0.500000	mg/L	12.232	0.8	1478.45
Zn 213.857	0.500000	mg/L	227.986	2.5	8960.90

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.05047	8423.50	54.455	0.6
Y 371.029	0.864386	142543	863.556	0.6

Standard 6 (Std) **11/7/2011, 12:02:31 PM** **Rack 2, Tube 7**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.400000	mg/L	54.845	0.3	19027.6
Ag 338.289	0.400000	mg/L	37.045	3.0	1234.66
Al 237.312	10.0000	mg/L	47.913	0.3	14073.3
Al 257.509	10.0000	mg/L	21.057	0.3	6150.02
Al 308.215	10.0000	mg/L	322.165	0.6	56035.0
As 188.980	2.00000	mg/L	2.712	0.5	595.222
As 193.696	2.00000	mg/L	4.163	0.6	674.096
As 228.812	2.00000	mg/L	1142.708	113.7	1004.76
B 182.577	2.00000	mg/L	22.605	2.6	884.060
B 249.678	2.00000	mg/L	327.039	2.2	15123.0
B 249.772	2.00000	mg/L	739.234	2.2	34246.4
Ba 233.527	2.00000	mg/L	300.932	0.4	68611.4
Ba 455.403	2.00000	mg/L	2339.988	0.1	2009270
Ba 493.408	2.00000	mg/L	1512.964	0.1	1125042
Be 234.861	2.00000	mg/L	516.352	0.2	210628
Be 313.042	2.00000	mg/L	12379.994	0.4	3209823
Be 313.107	2.00000	mg/L	5747.421	0.4	1512104
Ca 393.366	20.0000n	mg/L	109545.148	0.5	22977978
Ca 396.847	20.0000o	mg/L	364759.938	1.1	33365912
Ca 430.253	20.0000	mg/L	332.509	0.4	77852.8

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Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Cd 214.439	1.00000	mg/L	187.018	1.1	17349.5
Cd 226.502	1.00000	mg/L	128.644	0.4	30406.7
Cd 228.802	1.00000	mg/L	81.035	0.6	14057.0
Co 228.615	2.00000	mg/L	100.194	0.6	17691.0
Co 230.786	2.00000	mg/L	80.212	0.7	11198.1
Co 238.892	2.00000	mg/L	48.046	0.5	10640.7
Cr 205.560	2.00000	mg/L	52.872	0.7	7652.51
Cr 206.158	2.00000	mg/L	18.954	0.6	3208.08
Cr 267.716	2.00000	mg/L	198.127	0.5	38449.5
Cu 213.598	2.00000	mg/L	56.626	0.9	6583.80
Cu 324.754	2.00000	mg/L	468.345	0.6	74703.5
Cu 327.395	2.00000	mg/L	264.846	0.3	90489.7
Fe 234.350	2.00000	mg/L	1091.016	7.3	14961.5
Fe 238.204	2.00000	mg/L	1520.945	4.6	33031.6
Fe 259.940	2.00000	mg/L	1150.749	4.1	27910.5
Ga 287.423	2.00000	mg/L	138.845	3.0	4607.98
Ga 294.363	2.00000	mg/L	71.050	0.6	12131.5
Ga 417.204	2.00000	mg/L	1427.559	7.5	18912.4
K 766.491	20.0000	mg/L	3567.297	0.3	1180897
K 769.897	20.0000	mg/L	2913.449	0.3	984930
Li 610.365	4.00000	mg/L	594.414	0.3	186574
Li 670.783	4.00000	mg/L	42952.496	0.4	10702656
Mg 279.078	20.0000	mg/L	107.513	0.4	27481.8
Mg 280.270	20.0000	mg/L	7796.590	0.4	1871458
Mg 285.213	20.0000	mg/L	3179.917	0.5	646674
Mn 257.610	2.00000	mg/L	4930.126	1.8	279072
Mn 259.372	2.00000	mg/L	4042.272	2.0	204476
Mn 260.568	2.00000	mg/L	311.057	0.8	38206.3
Mo 202.032	4.00000	mg/L	187.969	1.4	13136.4
Mo 203.846	4.00000	mg/L	93.282	1.7	5426.62
Mo 204.598	4.00000	mg/L	118.462	1.9	6284.06
Na 568.821	20.0000	mg/L	92.669	1.8	5127.42
Na 588.995	20.0000	mg/L	44946.117	0.5	9289744
Na 589.592	20.0000	mg/L	27262.646	0.5	5128908
Ni 216.555	4.00000	mg/L	73.308	0.4	18537.0
Ni 221.648	4.00000	mg/L	26.758	0.3	7740.94
Ni 231.604	4.00000	mg/L	89.527	0.7	12700.8
P 177.434	2.00000	mg/L	1.237	1.6	78.1007
P 213.618	2.00000	mg/L	40.590	3.9	1052.48
P 214.914	2.00000	mg/L	22.050	6.8	323.411
Pb 220.353	4.00000	mg/L	19.240	0.5	4167.41
Pb 261.417	4.00000	mg/L	7.811	0.4	2118.46
Pb 405.781	4.00000	mg/L	56.625	1.0	5747.01
Sb 206.834	4.00000	mg/L	24.550	1.1	2257.37
Sb 231.146	4.00000	mg/L	30.023	1.6	1860.64
Sb 259.804	4.00000	mg/L	21.443	1.4	1575.55
Se 196.026	4.00000	mg/L	20.338	2.1	985.167
Se 203.985	4.00000	mg/L	37.305	6.3	594.717
Si 250.690	4.00000	mg/L	43.589	0.9	4873.51
Si 251.611	4.00000	mg/L	130.288	2.3	5782.47
Si 288.158	4.00000	mg/L	149.193	0.5	28194.4

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sn 189.927	4.00000	mg/L	11.163	1.3	831.510
Sn 283.998	4.00000	mg/L	2398.807	44.2	5428.37
Sr 216.596	2.00000	mg/L	66.603	0.4	16781.8
Sr 407.771	2.00000	mg/L	98151.930	1.9	5137312
Sr 421.552	2.00000	mg/L	22061.234	0.7	3134021
Ti 334.941	2.00000	mg/L	717.688	0.2	383306
Ti 336.122	2.00000	mg/L	291.918	0.2	164170
Ti 337.280	2.00000	mg/L	190.912	0.3	60894.1
Tl 190.794	2.00000	mg/L	4.283	0.7	604.853
Tl 190.807	2.00000	mg/L	5.919	1.8	336.263
Tl 351.923	2.00000	mg/L	10.047	0.4	2260.57
V 268.796	2.00000	mg/L	4774.326	29.0	16441.2
V 292.401	2.00000	mg/L	305.558	0.4	68406.4
V 311.837	2.00000	mg/L	303.789	0.3	94336.9
Zn 202.548	2.00000	mg/L	287.385	1.8	15817.3
Zn 206.200	2.00000	mg/L	49.518	1.0	5200.84
Zn 213.857	2.00000	mg/L	782.540	2.5	31911.7

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.04845	8407.29	19.527	0.2
Y 371.029	0.866194	142841	168.698	0.1

Standard 7 (Std) **11/7/2011, 12:06:43 PM** **Rack 2, Tube 8**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ca 393.366	100.000on	mg/L	559521.938	1.2	45403544
Ca 396.847	100.000o	mg/L	498158.313	1.2	42166488
Ca 430.253	100.000	mg/L	2360.759	0.6	411660
Mg 279.078	100.000	mg/L	533.234	0.4	137482
Mg 280.270	100.000	mg/L	64313.801	1.0	6652571
Mg 285.213	100.000	mg/L	21106.119	0.7	2968181
Na 568.821	100.000	mg/L	480.331	1.7	28870.1
Na 588.995	100.000o	mg/L	138508.578	0.4	32244838
Na 589.592	100.000	mg/L	84038.953	0.4	23809784

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	0.989314	7933.09	28.818	0.4
Y 371.029	0.832739	137324	426.675	0.3

Ag 328.068 Calibration (mg/L) **11/7/2011, 12:02:31 PM** **Correlation Coefficient: 0.999986**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		359.957	0.000000	0.000428	-	-
Standard 2		398.414	0.001000	0.001266	0.000266	26.6
Standard 3		527.707	0.004000	0.004083	0.000083	2.1
Standard 4		1255.32	0.020000	0.019938	-0.000062	-0.3
Standard 5		4925.68	0.100000	0.099918	-0.000082	-0.1
Standard 6		19027.6	0.400000	0.407208	0.007208	1.8

Curve Type: Linear Equation: y = 45891.3 x + 340.3

Ag 338.289 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999926

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.735663	0.000000	0.000074	-	-
Standard 2		7.19995	0.001000	0.002217	0.001217	121.7
Standard 3		10.4341	0.004000	0.003288	-0.000712	-17.8
Standard 4		48.6282	0.020000	0.015946	-0.004054	-20.3
Standard 5		303.791	0.100000	0.100509	0.000509	0.5
Standard 6		1234.66	0.400000	0.409009	0.009009	2.3

Maximum error exceeded.
Curve Type: Linear Equation: y = 3017.4 x + 0.5

Al 237.312 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999946

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		64.7915	0.000000	-0.011861	-	-
Standard 2		89.9534	0.025000	0.005935	-0.019065	-76.3
Standard 3		234.094	0.100000	0.107881	0.007881	7.9
Standard 4		767.847	0.500000	0.485388	-0.014612	-2.9
Standard 5		3708.45	2.50000	2.56519	0.065191	2.6
Standard 6		14073.3	10.0000	9.89590	-0.104099	-1.0

Curve Type: Linear Equation: y = 1413.9 x + 81.6

Al 257.509 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999967

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		24.6349	0.000000	-0.001222	-	-
Standard 2		33.7437	0.025000	0.013530	-0.011470	-45.9
Standard 3		91.2043	0.100000	0.106592	0.006592	6.6
Standard 4		324.413	0.500000	0.484291	-0.015709	-3.1
Standard 5		1601.75	2.50000	2.55303	0.053031	2.1
Standard 6		6150.02	10.0000	9.91931	-0.080688	-0.8

Curve Type: Linear Equation: y = 617.4 x + 25.4

Al 308.215 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999972

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		781.210	0.000000	0.014343	-	-
Standard 2		776.527	0.025000	0.013501	-0.011499	-46.0
Standard 3		1339.03	0.100000	0.114622	0.014622	14.6
Standard 4		3350.70	0.500000	0.476262	-0.023738	-4.7
Standard 5		14882.2	2.50000	2.54929	0.049288	2.0
Standard 6		56035.0	10.0000	9.94736	-0.052642	-0.5

Curve Type: Linear Equation: y = 5562.6 x + 701.4

As 188.980 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999975

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.44435	0.000000	-0.003161	-	-
Standard 2		6.90888	0.005000	0.008452	0.003452	69.0
Standard 3		9.40299	0.020000	0.016812	-0.003188	-15.9
Standard 4		33.5661	0.100000	0.097807	-0.002193	-2.2
Standard 5		155.474	0.500000	0.506445	0.006445	1.3
Standard 6		595.222	2.00000	1.98049	-0.019514	-1.0

Curve Type: Linear Equation: y = 298.3 x + 4.4

As 193.696 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999988

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.18874	0.000000	0.001382	-	-
Standard 2		3.34200	0.005000	0.004807	-0.000193	-3.9
Standard 3		9.65061	0.020000	0.023545	0.003545	17.7
Standard 4		33.8029	0.100000	0.095281	-0.004719	-4.7
Standard 5		172.031	0.500000	0.505843	0.005843	1.2
Standard 6		674.096	2.00000	1.99707	-0.002934	-0.1

Curve Type: Linear Equation: y = 336.7 x + 1.7

As 228.812 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999925

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.04444	0.000000	0.000716	-	-
Standard 2		6.02875	0.005000	0.000677	-0.004323	-86.5
Standard 3		11.2724	0.020000	0.013650	-0.006350	-31.8
Standard 4		42.0026	0.100000	0.089677	-0.010323	-10.3
Standard 5		253.386	0.500000	0.612643	0.112643	22.5
Standard 6		1004.76	2.00000	2.47156	0.471564	23.6

Curve Type: Linear Equation: y = 404.2 x + 5.8

B 182.577 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999972

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		6.45863	0.000000	0.000594	-	-
Standard 3		15.1391	0.020000	0.020139	0.000139	0.7
Standard 4		50.2073	0.100000	0.099100	-0.000900	-0.9
Standard 5		231.991	0.500000	0.508413	0.008413	1.7
Standard 6		884.060	2.00000	1.97664	-0.023361	-1.2

Curve Type: Linear Equation: y = 444.1 x + 6.2

B 249.678 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999965

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		74.0992	0.000000	-0.000054	-	-
Standard 3		230.299	0.020000	0.020374	0.000374	1.9
Standard 4		814.719	0.100000	0.096805	-0.003195	-3.2
Standard 5		3953.29	0.500000	0.507272	0.007272	1.5
Standard 6		15123.0	2.00000	1.96806	-0.031943	-1.6

Curve Type: Linear Equation: y = 7646.3 x + 74.5

B 249.772 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999986

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		172.217	0.000000	-0.000344	-	-
Standard 3		535.100	0.020000	0.020700	0.000700	3.5
Standard 4		1845.67	0.100000	0.096698	-0.003302	-3.3
Standard 5		8852.29	0.500000	0.503004	0.003004	0.6
Standard 6		34246.4	2.00000	1.97558	-0.024423	-1.2

Curve Type: Linear Equation: y = 17244.7 x + 178.1

Ba 233.527 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999948

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		163.145	0.000000	0.000277	-	-
Standard 2		333.307	0.005000	0.005151	0.000151	3.0
Standard 3		841.934	0.020000	0.019720	-0.000280	-1.4
Standard 4		3570.76	0.100000	0.097881	-0.002119	-2.1
Standard 5		17944.2	0.500000	0.509578	0.009578	1.9
Standard 6		68611.4	2.00000	1.96083	-0.039165	-2.0

Curve Type: Linear Equation: y = 34912.7 x + 153.5

Ba 455.403 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999967

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4683.42	0.000000	-0.000024	-	-
Standard 2		9799.47	0.005000	0.005038	0.000038	0.8
Standard 3		25316.8	0.020000	0.020391	0.000391	2.0
Standard 4		105869	0.100000	0.100088	0.000088	0.1
Standard 5		521927	0.500000	0.511729	0.011729	2.3
Standard 6		2009270	2.00000	1.98328	-0.016717	-0.8

Curve Type: Linear Equation: y = 1010729.4 x + 4707.2

Ba 493.408 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999868

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2647.75	0.000000	-0.000000	-	-
Standard 2		5550.40	0.005000	0.005001	0.000001	0.0
Standard 3		14283.6	0.020000	0.020049	0.000049	0.2
Standard 4		60444.1	0.100000	0.099587	-0.000413	-0.4
Standard 5		301250	0.500000	0.514515	0.014515	2.9
Standard 6		1125042	2.00000	1.93397	-0.066028	-3.3

Curve Type: Linear Equation: y = 580356.5 x + 2648.0

Be 234.861 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999969

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-1.23168	0.000000	0.000001	-	-
Standard 1		97.2149	0.001000	0.000926	-0.000074	-7.4
Standard 2		512.011	0.005000	0.004824	-0.000176	-3.5
Standard 3		2068.06	0.020000	0.019448	-0.000552	-2.8
Standard 4		10329.3	0.100000	0.097088	-0.002912	-2.9
Standard 5		54222.1	0.500000	0.509594	0.009594	1.9
Standard 6		210628	2.00000	1.97950	-0.020495	-1.0

Curve Type: Linear Equation: y = 106405.1 x + -1.3

Be 313.042 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999970

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2868.04	0.000000	0.000160	-	-
Standard 1		4218.56	0.001000	0.000993	-0.000007	-0.7
Standard 2		10789.0	0.005000	0.005044	0.000044	0.9
Standard 3		34317.5	0.020000	0.019551	-0.000449	-2.2
Standard 4		162382	0.100000	0.098513	-0.001487	-1.5
Standard 5		828848	0.500000	0.509445	0.009445	1.9
Standard 6		3209823	2.00000	1.97751	-0.022487	-1.1

Curve Type: Linear Equation: y = 1621842.4 x + 2608.8

Be 313.107 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999966

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		36.0389	0.000000	0.000011	-	-
Standard 1		769.898	0.001000	0.000982	-0.000018	-1.8
Standard 2		3806.18	0.005000	0.004999	-0.000001	0.0
Standard 3		15083.1	0.020000	0.019917	-0.000083	-0.4
Standard 4		75294.7	0.100000	0.099572	-0.000428	-0.4
Standard 5		390167	0.500000	0.516118	0.016118	3.2
Standard 6		1512104	2.00000	2.00034	0.000338	0.0

Curve Type: Linear Equation: y = 755910.3 x + 27.6

Ca 393.366 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.998396

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank	n	38435.4	0.000000	0.000294	-	-
Standard 2	n	98212.2	0.050000	0.042366	-0.007634	-15.3
Standard 3	n	411722	0.200000	0.263017	0.063017	31.5
Standard 4	n	1547929	1.00000	1.06269	0.062693	6.3
Standard 5	n	7081199	5.00000	4.95707	-0.042928	-0.9
Standard 6	n	22977978	20.0000	16.1454	-3.85459	-19.3

Curve Type: Linear Equation: y = 1420835.0 x + 38017.5

Ca 396.847 Calibration (mg/L) 11/7/2011, 11:58:18 AM Correlation Coefficient: 0.999926

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		50200.4	0.000000	0.002266	-	-
Standard 2		127947	0.050000	0.043839	-0.006161	-12.3
Standard 3		522950	0.200000	0.255054	0.055054	27.5
Standard 4		2034649	1.00000	1.06339	0.063388	6.3
Standard 5		9579300	5.00000	5.09766	0.097657	2.0

Curve Type: Linear Equation: y = 1870140.9 x + 45962.9

Ca 430.253 Calibration (mg/L) 11/7/2011, 12:06:43 PM Correlation Coefficient: 0.999917

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		878.197	0.000000	-0.015252	-	-
Standard 2		1087.11	0.050000	0.037522	-0.012478	-25.0
Standard 3		1965.56	0.200000	0.259421	0.059421	29.7
Standard 4		4870.67	1.00000	0.993266	-0.006734	-0.7
Standard 5		20642.0	5.00000	4.97718	-0.022818	-0.5
Standard 6		77852.8	20.0000	19.4289	-0.571110	-2.9
Standard 7		411660	100.000	103.750	3.75031	3.8

Curve Type: Linear Equation: y = 3958.8 x + 938.6

Cd 214.439 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999921

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.69884	0.000000	0.000223	-	-
Standard 1		16.0544	0.000500	0.000684	0.000184	36.8
Standard 2		49.3866	0.002500	0.002524	0.000024	1.0
Standard 3		178.792	0.010000	0.009668	-0.000332	-3.3
Standard 4		865.493	0.050000	0.047578	-0.002422	-4.8
Standard 5		4554.91	0.250000	0.251253	0.001253	0.5
Standard 6		17349.5	1.00000	0.957579	-0.042421	-4.2

Curve Type: Linear Equation: y = 18114.2 x + 3.7

Cd 226.502 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999965

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		23.3853	0.000000	0.000105	-	-
Standard 1		38.6808	0.000500	0.000595	0.000095	19.0
Standard 2		97.8133	0.002500	0.002490	-0.000010	-0.4
Standard 3		319.499	0.010000	0.009596	-0.000404	-4.0
Standard 4		1537.78	0.050000	0.048646	-0.001354	-2.7
Standard 5		7864.64	0.250000	0.251442	0.001442	0.6
Standard 6		30406.7	1.00000	0.973989	-0.026011	-2.6

Curve Type: Linear Equation: y = 31198.1 x + 20.1

Cd 228.802 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999946

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		18.3753	0.000000	0.000241	-	-
Standard 1		24.0974	0.000500	0.000646	0.000146	29.2
Standard 2		53.8341	0.002500	0.002750	0.000250	10.0
Standard 3		158.133	0.010000	0.010130	0.000130	1.3
Standard 4		717.687	0.050000	0.049724	-0.000276	-0.6
Standard 5		3669.86	0.250000	0.258621	0.008621	3.4
Standard 6		14057.0	1.00000	0.993620	-0.006380	-0.6

Curve Type: Linear Equation: y = 14132.2 x + 15.0

Co 228.615 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999943

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.36892	0.000000	0.000374	-	-
Standard 2		41.5453	0.005000	0.004537	-0.000463	-9.3
Standard 3		173.557	0.020000	0.019320	-0.000680	-3.4
Standard 4		869.471	0.100000	0.097251	-0.002749	-2.7
Standard 5		4601.07	0.500000	0.515132	0.015132	3.0
Standard 6		17691.0	2.00000	1.98100	-0.019001	-1.0

Curve Type: Linear Equation: y = 8929.8 x + 1.0

Co 230.786 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999920

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		8.69648	0.000000	0.000461	-	-
Standard 2		34.0889	0.005000	0.004947	-0.000053	-1.1
Standard 3		116.628	0.020000	0.019529	-0.000471	-2.4
Standard 4		564.887	0.100000	0.098721	-0.001279	-1.3
Standard 5		2940.83	0.500000	0.518468	0.018468	3.7
Standard 6		11198.1	2.00000	1.97725	-0.022755	-1.1

Curve Type: Linear Equation: y = 5660.4 x + 6.1

Co 238.892 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999924

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.65852	0.000000	0.000258	-	-
Standard 2		31.6519	0.005000	0.005287	0.000287	5.7
Standard 3		110.498	0.020000	0.019974	-0.000026	-0.1
Standard 4		535.548	0.100000	0.099154	-0.000846	-0.8
Standard 5		2790.41	0.500000	0.519195	0.019195	3.8
Standard 6		10640.7	2.00000	1.98157	-0.018428	-0.9

Curve Type: Linear Equation: y = 5368.2 x + 3.3

Cr 205.560 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999960

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.68493	0.000000	0.000665	-	-
Standard 1		7.77222	0.001000	0.001713	0.000713	71.3
Standard 2		22.2877	0.005000	0.005435	0.000435	8.7
Standard 3		77.7953	0.020000	0.019666	-0.000334	-1.7
Standard 4		380.738	0.100000	0.097336	-0.002664	-2.7
Standard 5		1981.77	0.500000	0.507814	0.007814	1.6
Standard 6		7652.51	2.00000	1.96170	-0.038303	-1.9

Curve Type: Linear Equation: y = 3900.4 x + 1.1

Cr 206.158 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999956

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.60041	0.000000	0.000173	-	-
Standard 1		4.12119	0.001000	0.001112	0.000112	11.2
Standard 2		9.38063	0.005000	0.004363	-0.000637	-12.7
Standard 3		32.8282	0.020000	0.018855	-0.001145	-5.7
Standard 4		161.479	0.100000	0.098370	-0.001630	-1.6
Standard 5		832.594	0.500000	0.513164	0.013164	2.6
Standard 6		3208.08	2.00000	1.98138	-0.018623	-0.9

Curve Type: Linear Equation: y = 1617.9 x + 2.3

Cr 267.716 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999960

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		18.8395	0.000000	0.000096	-	-
Standard 1		37.3206	0.001000	0.001045	0.000045	4.5
Standard 2		108.947	0.005000	0.004723	-0.000277	-5.5
Standard 3		403.939	0.020000	0.019871	-0.000129	-0.6
Standard 4		1955.08	0.100000	0.099520	-0.000480	-0.5
Standard 5		9965.75	0.500000	0.510859	0.010859	2.2
Standard 6		38449.5	2.00000	1.97347	-0.026533	-1.3

Curve Type: Linear Equation: y = 19474.6 x + 17.0

Cu 213.598 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999967

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.31107	0.000000	0.000023	-	-
Standard 1		3.66135	0.001000	0.000745	-0.000255	-25.5
Standard 2		15.9490	0.005000	0.004517	-0.000483	-9.7
Standard 3		60.4432	0.020000	0.018176	-0.001824	-9.1
Standard 4		319.386	0.100000	0.097670	-0.002330	-2.3
Standard 5		1695.05	0.500000	0.519990	0.019990	4.0
Standard 6		6583.80	2.00000	2.02081	0.020810	1.0

Curve Type: Linear Equation: y = 3257.4 x + 1.2

Cu 324.754 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999965

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		593.490	0.000000	0.001367	-	-
Standard 1		581.554	0.001000	0.001049	0.000049	4.9
Standard 2		723.078	0.005000	0.004818	-0.000182	-3.6
Standard 3		1264.71	0.020000	0.019240	-0.000760	-3.8
Standard 4		4235.30	0.100000	0.098339	-0.001661	-1.7
Standard 5		19689.4	0.500000	0.509844	0.009844	2.0
Standard 6		74703.5	2.00000	1.97473	-0.025269	-1.3

Curve Type: Linear Equation: y = 37555.1 x + 542.2

Cu 327.395 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999955

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		27.8994	0.000000	0.000447	-	-
Standard 1		73.5672	0.001000	0.001435	0.000435	43.5
Standard 2		243.340	0.005000	0.005108	0.000108	2.2
Standard 3		932.220	0.020000	0.020013	0.000013	0.1
Standard 4		4526.60	0.100000	0.097778	-0.002222	-2.2
Standard 5		23482.4	0.500000	0.507891	0.007891	1.6
Standard 6		90489.7	2.00000	1.95761	-0.042388	-2.1

Curve Type: Linear Equation: y = 46220.9 x + 7.2

Fe 234.350 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999940

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		27.2889	0.000000	-0.000013	-	-
Standard 2		65.8495	0.005000	0.005067	0.000067	1.3
Standard 3		178.858	0.020000	0.019957	-0.000043	-0.2
Standard 4		780.129	0.100000	0.099177	-0.000823	-0.8
Standard 5		3921.14	0.500000	0.513020	0.013020	2.6
Standard 6		14961.5	2.00000	1.96764	-0.032361	-1.6

Curve Type: Linear Equation: y = 7589.9 x + 27.4

Fe 238.204 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999970

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		31.5161	0.000000	-0.000040	-	-
Standard 2		116.974	0.005000	0.005084	0.000084	1.7
Standard 3		365.947	0.020000	0.020012	0.000012	0.1
Standard 4		1682.35	0.100000	0.098940	-0.001060	-1.1
Standard 5		8531.92	0.500000	0.509625	0.009625	1.9
Standard 6		33031.6	2.00000	1.97857	-0.021430	-1.1

Curve Type: Linear Equation: y = 16678.4 x + 32.2

Fe 259.940 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999941

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		41.5733	0.000000	-0.000037	-	-
Standard 2		119.340	0.005000	0.005418	0.000418	8.4
Standard 3		333.820	0.020000	0.020463	0.000463	2.3
Standard 4		1442.81	0.100000	0.098254	-0.001746	-1.7
Standard 5		7306.71	0.500000	0.509582	0.009582	1.9
Standard 6		27910.5	2.00000	1.95485	-0.045150	-2.3

Curve Type: Linear Equation: y = 14256.0 x + 42.1

Ga 287.423 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999976

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.5016	0.000000	0.000399	-	-
Standard 2		20.3874	0.005000	0.003409	-0.001591	-31.8
Standard 3		58.8607	0.020000	0.020230	0.000230	1.2
Standard 4		232.713	0.100000	0.096242	-0.003758	-3.8
Standard 5		1188.80	0.500000	0.514259	0.014259	2.9
Standard 6		4607.98	2.00000	2.00918	0.009181	0.5

Curve Type: Linear Equation: y = 2287.2 x + 12.6

Ga 294.363 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999951

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		14.1083	0.000000	0.000358	-	-
Standard 2		32.3822	0.005000	0.003347	-0.001653	-33.1
Standard 3		120.429	0.020000	0.017748	-0.002252	-11.3
Standard 4		596.480	0.100000	0.095613	-0.004387	-4.4
Standard 5		3148.40	0.500000	0.513013	0.013013	2.6
Standard 6		12131.5	2.00000	1.98232	-0.017677	-0.9

Curve Type: Linear Equation: y = 6113.8 x + 11.9

Ga 417.204 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999989

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		56.4413	0.000000	0.000647	-	-
Standard 2		89.7833	0.005000	0.004299	-0.000701	-14.0
Standard 3		238.469	0.020000	0.020586	0.000586	2.9
Standard 4		955.241	0.100000	0.099102	-0.000898	-0.9
Standard 5		4835.23	0.500000	0.524122	0.024122	4.8
Standard 6		18912.4	2.00000	2.06616	0.066159	3.3

Curve Type: Linear Equation: y = 9129.0 x + 50.5

K 766.491 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999721

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1974.10	0.000000	-0.000153	-	-
Standard 1		2635.91	0.010000	0.010378	0.000378	3.8
Standard 2		5080.13	0.050000	0.049274	-0.000726	-1.5
Standard 3		14282.6	0.200000	0.195715	-0.004285	-2.1
Standard 4		64908.6	1.00000	1.00134	0.001339	0.1
Standard 5		324509	5.00000	5.13242	0.132416	2.6
Standard 6		1180897	20.0000	18.7603	-1.23968	-6.2

Curve Type: Linear Equation: y = 62840.8 x + 1983.7

K 769.897 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999956

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		9536.86	0.000000	0.002297	-	-
Standard 1		9996.83	0.010000	0.011728	0.001728	17.3
Standard 2		11951.1	0.050000	0.051802	0.001802	3.6
Standard 3		19096.8	0.200000	0.198326	-0.001674	-0.8
Standard 4		58099.3	1.00000	0.998077	-0.001923	-0.2
Standard 5		262263	5.00000	5.18449	0.184493	3.7
Standard 6		984930	20.0000	20.0029	0.002874	0.0

Curve Type: Linear Equation: y = 48768.2 x + 9424.9

Li 610.365 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999953

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-20.8797	0.000000	0.007047	-	-
Standard 2		70.1961	0.010000	0.009275	-0.000725	-7.3
Standard 3		812.102	0.040000	0.027420	-0.012580	-31.4
Standard 4		7274.29	0.200000	0.185472	-0.014528	-7.3
Standard 5		45663.8	1.00000	1.12440	0.124398	12.4
Standard 6		186574	4.00000	4.57076	0.570757	14.3

Curve Type: Linear Equation: y = 40886.6 x + -309.0

Li 670.783 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999511

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		56350.8	0.000000	-0.000034	-	-
Standard 2		85477.9	0.010000	0.010051	0.000051	0.5
Standard 3		173669	0.040000	0.040585	0.000585	1.5
Standard 4		626219	0.200000	0.197272	-0.002728	-1.4
Standard 5		3047935	1.00000	1.03574	0.035744	3.6
Standard 6		10702656	4.00000	3.68604	-0.313956	-7.8

Curve Type: Linear Equation: y = 2888247.8 x + 56449.2

Mg 279.078 Calibration (mg/L) 11/7/2011, 12:06:43 PM Correlation Coefficient: 0.999999

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.75920	0.000000	0.000186	-	-
Standard 1		22.7779	0.010000	0.010915	0.000915	9.1
Standard 2		78.6494	0.050000	0.050827	0.000827	1.7
Standard 3		279.659	0.200000	0.194419	-0.005581	-2.8
Standard 4		1370.43	1.00000	0.973620	-0.026380	-2.6
Standard 5		7037.74	5.00000	5.02209	0.022094	0.4
Standard 6		27481.8	20.0000	19.6264	-0.373594	-1.9
Standard 7		137482	100.000	98.2057	-1.79433	-1.8

Curve Type: Linear Equation: y = 1399.9 x + 7.5

Mg 280.270 Calibration (mg/L) 11/7/2011, 12:06:43 PM Correlation Coefficient: 0.996608

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		360.764	0.000000	-0.001141	-	-
Standard 1		1518.65	0.010000	0.010199	0.000199	2.0
Standard 2		5436.69	0.050000	0.048572	-0.001428	-2.9
Standard 3		20737.3	0.200000	0.198427	-0.001573	-0.8
Standard 4		101187	1.00000	0.986350	-0.013650	-1.4
Standard 5		519757	5.00000	5.08584	0.085837	1.7
Standard 6		1871458	20.0000	18.3244	-1.67559	-8.4
Standard 7		6652571	100.000	65.1507	-34.8493	-34.8

Curve Type: Linear Equation: y = 102103.2 x + 477.3

Mg 285.213 Calibration (mg/L) 11/7/2011, 12:06:43 PM Correlation Coefficient: 0.999830

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		98.2239	0.000000	-0.000599	-	-
Standard 1		456.020	0.010000	0.010661	0.000661	6.6
Standard 2		1683.92	0.050000	0.049304	-0.000696	-1.4
Standard 3		6478.68	0.200000	0.200200	0.000200	0.1
Standard 4		31799.1	1.00000	0.997058	-0.002942	-0.3
Standard 5		170044	5.00000	5.34776	0.347756	7.0
Standard 6		646674	20.0000	20.3477	0.347736	1.7
Standard 7		2968181	100.000	93.4077	-6.59231	-6.6

Curve Type: Linear Equation: y = 31775.4 x + 117.3

Mn 257.610 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999931

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.0010	0.000000	-0.000009	-	-
Standard 2		718.878	0.005000	0.005017	0.000017	0.3
Standard 3		2788.11	0.020000	0.019750	-0.000250	-1.3
Standard 4		13859.3	0.100000	0.098575	-0.001425	-1.4
Standard 5		72920.2	0.500000	0.519080	0.019080	3.8
Standard 6		279072	2.00000	1.98685	-0.013146	-0.7

Curve Type: Linear Equation: y = 140452.3 x + 14.2

Mn 259.372 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999931

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		28.9624	0.000000	-0.000067	-	-
Standard 2		564.074	0.005000	0.005070	0.000070	1.4
Standard 3		2113.48	0.020000	0.019944	-0.000056	-0.3
Standard 4		10185.3	0.100000	0.097433	-0.002567	-2.6
Standard 5		53466.9	0.500000	0.512931	0.012931	2.6
Standard 6		204476	2.00000	1.96260	-0.037403	-1.9

Curve Type: Linear Equation: y = 104168.0 x + 36.0

Mn 260.568 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999964

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.54901	0.000000	0.000103	-	-
Standard 2		96.8548	0.005000	0.004983	-0.000017	-0.3
Standard 3		382.585	0.020000	0.019929	-0.000071	-0.4
Standard 4		1907.50	0.100000	0.099695	-0.000305	-0.3
Standard 5		9863.73	0.500000	0.515870	0.015870	3.2
Standard 6		38206.3	2.00000	1.99842	-0.001584	-0.1

Curve Type: Linear Equation: y = 19117.5 x + 1.6

Mo 202.032 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999983

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.8250	0.000000	0.000249	-	-
Standard 2		44.2581	0.010000	0.010144	0.000144	1.4
Standard 3		133.007	0.040000	0.039002	-0.000998	-2.5
Standard 4		608.834	0.200000	0.193719	-0.006281	-3.1
Standard 5		3328.90	1.00000	1.07816	0.078162	7.8
Standard 6		13136.4	4.00000	4.26712	0.267119	6.7

Curve Type: Linear Equation: y = 3075.5 x + 13.1

Mo 203.846 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999988

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.82442	0.000000	0.000774	-	-
Standard 2		17.7589	0.010000	0.010521	0.000521	5.2
Standard 3		53.7512	0.040000	0.039916	-0.000084	-0.2
Standard 4		247.682	0.200000	0.198299	-0.001701	-0.9
Standard 5		1356.48	1.00000	1.10386	0.103863	10.4
Standard 6		5426.62	4.00000	4.42796	0.427961	10.7

Curve Type: Linear Equation: y = 1224.4 x + 4.9

Mo 204.598 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999987

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.10563	0.000000	0.001991	-	-
Standard 2		17.1508	0.010000	0.010240	0.000240	2.4
Standard 3		57.1173	0.040000	0.037612	-0.002388	-6.0
Standard 4		284.005	0.200000	0.193000	-0.007000	-3.5
Standard 5		1569.04	1.00000	1.07308	0.073078	7.3
Standard 6		6284.06	4.00000	4.30223	0.302234	7.6

Curve Type: Linear Equation: y = 1460.1 x + 2.2

Na 568.821 Calibration (mg/L) 11/7/2011, 12:06:43 PM Correlation Coefficient: 0.999699

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		121.987	0.000000	0.932962	-	-
Standard 4		294.549	1.00000	1.52971	0.529709	53.0
Standard 5		1282.39	5.00000	4.94582	-0.054178	-1.1
Standard 6		5127.42	20.0000	18.2426	-1.75738	-8.8
Standard 7		28870.1	100.000	100.349	0.348900	0.3

Curve Type: Linear Equation: y = 289.2 x + -147.8

Na 588.995 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999169

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		143811	0.000000	-0.269278	-	-
Standard 4		648469	1.00000	0.841868	-0.158132	-15.8
Standard 5		2791038	5.00000	5.55934	0.559339	11.2
Standard 6		9289744	20.0000	19.8681	-0.131929	-0.7

Curve Type: Linear Equation: y = 454177.6 x + 266111.1

Na 589.592 Calibration (mg/L) 11/7/2011, 12:06:43 PM Correlation Coefficient: 0.999911

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		62717.3	0.000000	-0.507726	-	-
Standard 4		325578	1.00000	0.602768	-0.397232	-39.7
Standard 5		1412495	5.00000	5.19461	0.194608	3.9
Standard 6		5128908	20.0000	20.8951	0.895134	4.5
Standard 7		23809784	100.000	99.8152	-0.184784	-0.2

Curve Type: Linear Equation: y = 236706.3 x + 182899.2

Ni 216.555 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999929

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.85339	0.000000	0.001988	-	-
Standard 2		50.5174	0.010000	0.011980	0.001980	19.8
Standard 3		189.266	0.040000	0.041067	0.001067	2.7
Standard 4		930.607	0.200000	0.196480	-0.003520	-1.8
Standard 5		4851.30	1.00000	1.01840	0.018401	1.8
Standard 6		18537.0	4.00000	3.88743	-0.112571	-2.8

Curve Type: Linear Equation: y = 4770.2 x + -6.6

Ni 221.648 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999948

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.94790	0.000000	0.000514	-	-
Standard 2		22.4934	0.010000	0.010405	0.000405	4.1
Standard 3		78.7524	0.040000	0.038875	-0.001125	-2.8
Standard 4		388.798	0.200000	0.195774	-0.004226	-2.1
Standard 5		2013.49	1.00000	1.01795	0.017948	1.8
Standard 6		7740.94	4.00000	3.91632	-0.083676	-2.1

Curve Type: Linear Equation: y = 1976.1 x + 1.9

Ni 231.604 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999912

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.54268	0.000000	0.000830	-	-
Standard 2		40.0134	0.010000	0.010720	0.000720	7.2
Standard 3		133.577	0.040000	0.039220	-0.000780	-2.0
Standard 4		642.636	0.200000	0.194279	-0.005721	-2.9
Standard 5		3344.21	1.00000	1.01718	0.017176	1.7
Standard 6		12700.8	4.00000	3.86719	-0.132809	-3.3

Curve Type: Linear Equation: y = 3283.0 x + 4.8

P 177.434 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999966

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.691208	0.000000	0.009808	-	-
Standard 3		0.967206	0.020000	0.016863	-0.003137	-15.7
Standard 4		3.97305	0.100000	0.093692	-0.006308	-6.3
Standard 5		20.0915	0.500000	0.505681	0.005681	1.1
Standard 6		78.1007	2.00000	1.98840	-0.011601	-0.6

Curve Type: Linear Equation: y = 39.1 x + 0.3

P 213.618 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999939

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.01106	0.000000	0.004395	-	-
Standard 3		9.22898	0.020000	0.016633	-0.003367	-16.8
Standard 4		50.0943	0.100000	0.097065	-0.002935	-2.9
Standard 5		272.973	0.500000	0.535739	0.035739	7.1
Standard 6		1052.48	2.00000	2.06997	0.069975	3.5

Curve Type: Linear Equation: y = 508.1 x + 0.8

P 214.914 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999905

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.579898	0.000000	0.000180	-	-
Standard 3		3.35083	0.020000	0.016928	-0.003072	-15.4
Standard 4		17.4780	0.100000	0.102312	0.002312	2.3
Standard 5		85.4697	0.500000	0.513250	0.013250	2.7
Standard 6		323.411	2.00000	1.95136	-0.048641	-2.4

Curve Type: Linear Equation: y = 165.5 x + 0.6

Pb 220.353 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999942

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.01512	0.000000	0.000597	-	-
Standard 2		14.2795	0.010000	0.010250	0.000250	2.5
Standard 3		45.3913	0.040000	0.039510	-0.000490	-1.2
Standard 4		208.504	0.200000	0.192913	-0.007087	-3.5
Standard 5		1087.50	1.00000	1.01959	0.019585	2.0
Standard 6		4167.41	4.00000	3.91616	-0.083844	-2.1

Curve Type: Linear Equation: y = 1063.3 x + 3.4

Pb 261.417 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999974

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.8180	0.000000	-0.001027	-	-
Standard 2		15.8348	0.010000	0.008475	-0.001525	-15.3
Standard 3		32.8138	0.040000	0.040632	0.000632	1.6
Standard 4		110.140	0.200000	0.187083	-0.012917	-6.5
Standard 5		550.087	1.00000	1.02031	0.020315	2.0
Standard 6		2118.46	4.00000	3.99071	-0.009292	-0.2

Curve Type: Linear Equation: y = 528.0 x + 11.4

Pb 405.781 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999979

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		110.647	0.000000	0.000110	-	-
Standard 2		125.179	0.010000	0.010353	0.000353	3.5
Standard 3		173.382	0.040000	0.044332	0.004332	10.8
Standard 4		381.062	0.200000	0.190725	-0.009275	-4.6
Standard 5		1551.06	1.00000	1.01545	0.015454	1.5
Standard 6		5747.01	4.00000	3.97319	-0.026814	-0.7

Curve Type: Linear Equation: y = 1418.6 x + 110.5

Sb 206.834 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999396

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.20509	0.000000	-0.000498	-	-
Standard 3		27.5280	0.040000	0.037895	-0.002105	-5.3
Standard 4		125.366	0.200000	0.198951	-0.001049	-0.5
Standard 5		643.787	1.00000	1.05235	0.052351	5.2
Standard 6		2257.37	4.00000	3.70855	-0.291453	-7.3

Curve Type: Linear Equation: y = 607.5 x + 4.5

Sb 231.146 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999404

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.58078	0.000000	-0.003252	-	-
Standard 3		26.1497	0.040000	0.040034	0.000034	0.1
Standard 4		105.216	0.200000	0.198709	-0.001291	-0.6
Standard 5		531.800	1.00000	1.05480	0.054803	5.5
Standard 6		1860.64	4.00000	3.72161	-0.278395	-7.0

Curve Type: Linear Equation: y = 498.3 x + 6.2

Sb 259.804 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999102

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.81601	0.000000	-0.002015	-	-
Standard 3		19.4663	0.040000	0.025275	-0.014725	-36.8
Standard 4		89.0145	0.200000	0.188193	-0.011808	-5.9
Standard 5		462.354	1.00000	1.06274	0.062743	6.3
Standard 6		1575.55	4.00000	3.67040	-0.329597	-8.2

Curve Type: Linear Equation: y = 426.9 x + 8.7

Se 196.026 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999990

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.23241	0.000000	-0.002397	-	-
Standard 2		6.30481	0.010000	0.010488	0.000488	4.9
Standard 3		13.7009	0.040000	0.041505	0.001505	3.8
Standard 4		48.3753	0.200000	0.186921	-0.013079	-6.5
Standard 5		247.309	1.00000	1.02120	0.021200	2.1
Standard 6		985.167	4.00000	4.11560	0.115599	2.9

Curve Type: Linear Equation: y = 238.4 x + 3.8

Se 203.985 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999962

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.26151	0.000000	0.011836	-	-
Standard 2		2.13268	0.010000	0.003879	-0.006121	-61.2
Standard 3		6.65277	0.040000	0.035744	-0.004256	-10.6
Standard 4		27.2585	0.200000	0.181007	-0.018993	-9.5
Standard 5		146.822	1.00000	1.02389	0.023891	2.4
Standard 6		594.717	4.00000	4.18139	0.181389	4.5

Curve Type: Linear Equation: y = 141.9 x + 1.6

Si 250.690 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999749

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		137.887	0.000000	-0.000131	-	-
Standard 2		148.880	0.010000	0.008745	-0.001255	-12.5
Standard 3		186.428	0.040000	0.039065	-0.000935	-2.3
Standard 4		402.597	0.200000	0.213620	0.013619	6.8
Standard 5		1426.31	1.00000	1.04026	0.040255	4.0
Standard 6		4873.51	4.00000	3.82384	-0.176161	-4.4

Curve Type: Linear Equation: y = 1238.4 x + 138.0

Si 251.611 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999773

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		161.855	0.000000	0.000086	-	-
Standard 2		172.366	0.010000	0.007225	-0.002775	-27.8
Standard 3		220.760	0.040000	0.040093	0.000093	0.2
Standard 4		473.533	0.200000	0.211770	0.011770	5.9
Standard 5		1684.57	1.00000	1.03427	0.034272	3.4
Standard 6		5782.47	4.00000	3.81746	-0.182541	-4.6

Curve Type: Linear Equation: y = 1472.4 x + 161.7

Si 288.158 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999771

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1533.36	0.000000	0.001743	-	-
Standard 2		1554.58	0.010000	0.004780	-0.005220	-52.2
Standard 3		1769.18	0.040000	0.035491	-0.004509	-11.3
Standard 4		2986.15	0.200000	0.209645	0.009645	4.8
Standard 5		8740.64	1.00000	1.03314	0.033142	3.3
Standard 6		28194.4	4.00000	3.81708	-0.182921	-4.6

Curve Type: Linear Equation: y = 6987.9 x + 1521.2

Sn 189.927 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999965

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.04520	0.000000	-0.001385	-	-
Standard 2		4.95925	0.010000	0.012396	0.002396	24.0
Standard 3		10.8227	0.040000	0.040127	0.000127	0.3
Standard 4		43.3533	0.200000	0.193976	-0.006024	-3.0
Standard 5		216.245	1.00000	1.01164	0.011641	1.2
Standard 6		831.510	4.00000	3.92144	-0.078555	-2.0

Curve Type: Linear Equation: y = 211.4 x + 2.3

Sn 283.998 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999956

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		13.5112	0.000000	0.000804	-	-
Standard 2		20.6437	0.010000	0.006375	-0.003625	-36.2
Standard 3		64.5250	0.040000	0.040654	0.000654	1.6
Standard 4		279.998	0.200000	0.208977	0.008977	4.5
Standard 5		1413.47	1.00000	1.09441	0.094414	9.4
Standard 6		5428.37	4.00000	4.23076	0.230756	5.8

Curve Type: Linear Equation: y = 1280.1 x + 12.5

Sr 216.596 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999933

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		18.8600	0.000000	0.000505	-	-
Standard 2		62.6813	0.005000	0.005550	0.000550	11.0
Standard 3		187.370	0.020000	0.019902	-0.000098	-0.5
Standard 4		857.150	0.100000	0.096998	-0.003002	-3.0
Standard 5		4397.86	0.500000	0.504554	0.004554	0.9
Standard 6		16781.8	2.00000	1.93002	-0.069981	-3.5

Curve Type: Linear Equation: y = 8687.6 x + 14.5

Sr 407.771 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999926

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5770.39	0.000000	0.000005	-	-
Standard 2		19022.3	0.005000	0.004989	-0.000011	-0.2
Standard 3		60106.6	0.020000	0.020441	0.000441	2.2
Standard 4		271301	0.100000	0.099870	-0.000130	-0.1
Standard 5		1350866	0.500000	0.505890	0.005890	1.2
Standard 6		5137312	2.00000	1.92996	-0.070043	-3.5

Curve Type: Linear Equation: y = 2658896.3 x + 5756.4

Sr 421.552 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999949

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3321.38	0.000000	0.000002	-	-
Standard 2		11285.3	0.005000	0.004983	-0.000017	-0.3
Standard 3		35962.0	0.020000	0.020415	0.000415	2.1
Standard 4		162910	0.100000	0.099805	-0.000195	-0.2
Standard 5		817244	0.500000	0.509012	0.009012	1.8
Standard 6		3134021	2.00000	1.95787	-0.042126	-2.1

Curve Type: Linear Equation: y = 1599032.0 x + 3318.1

Ti 334.941 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999976

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		91.2524	0.000000	-0.000028	-	-
Standard 2		1076.29	0.005000	0.005061	0.000061	1.2
Standard 3		3927.93	0.020000	0.019795	-0.000205	-1.0
Standard 4		19171.8	0.100000	0.098558	-0.001442	-1.4
Standard 5		98468.4	0.500000	0.508271	0.008271	1.7
Standard 6		383306	2.00000	1.97998	-0.020016	-1.0

Curve Type: Linear Equation: y = 193541.6 x + 96.7

Ti 336.122 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999950

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		18.9131	0.000000	0.000124	-	-
Standard 2		409.313	0.005000	0.004859	-0.000141	-2.8
Standard 3		1666.32	0.020000	0.020102	0.000102	0.5
Standard 4		8173.21	0.100000	0.099009	-0.000991	-1.0
Standard 5		42624.2	0.500000	0.516783	0.016783	3.4
Standard 6		164170	2.00000	1.99073	-0.009268	-0.5

Curve Type: Linear Equation: y = 82463.0 x + 8.7

Ti 337.280 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999952

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		14.3340	0.000000	0.000569	-	-
Standard 2		147.619	0.005000	0.004913	-0.000087	-1.7
Standard 3		603.114	0.020000	0.019756	-0.000244	-1.2
Standard 4		3024.13	0.100000	0.098648	-0.001352	-1.4
Standard 5		15794.4	0.500000	0.514786	0.014786	3.0
Standard 6		60894.1	2.00000	1.98442	-0.015576	-0.8

Curve Type: Linear Equation: y = 30687.6 x + -3.1

Tl 190.794 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999966

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.16473	0.000000	0.002252	-	-
Standard 3		6.99284	0.020000	0.021379	0.001379	6.9
Standard 4		29.0668	0.100000	0.093819	-0.006181	-6.2
Standard 5		155.699	0.500000	0.509392	0.009392	1.9
Standard 6		604.853	2.00000	1.98339	-0.016608	-0.8

Curve Type: Linear Equation: y = 304.7 x + 0.5

Tl 190.807 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999988

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.980838	0.000000	0.003697	-	-
Standard 3		3.26297	0.020000	0.017227	-0.002773	-13.9
Standard 4		17.1435	0.100000	0.099522	-0.000478	-0.5
Standard 5		85.6995	0.500000	0.505977	0.005977	1.2
Standard 6		336.263	2.00000	1.99152	-0.008484	-0.4

Curve Type: Linear Equation: y = 168.7 x + 0.4

Tl 351.923 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999946

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.0983	0.000000	-0.000324	-	-
Standard 3		31.8296	0.020000	0.018960	-0.001040	-5.2
Standard 4		117.727	0.100000	0.095185	-0.004815	-4.8
Standard 5		593.131	0.500000	0.517056	0.017056	3.4
Standard 6		2260.57	2.00000	1.99673	-0.003266	-0.2

Curve Type: Linear Equation: y = 1126.9 x + 10.5

V 268.796 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999957

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		22.1511	0.000000	0.000016	-	-
Standard 2		60.0828	0.005000	0.004687	-0.000313	-6.3
Standard 3		181.307	0.020000	0.019614	-0.000386	-1.9
Standard 4		840.582	0.100000	0.100797	0.000797	0.8
Standard 5		4272.80	0.500000	0.523435	0.023435	4.7
Standard 6		16441.2	2.00000	2.02183	0.021834	1.1

Curve Type: Linear Equation: y = 8120.9 x + 22.0

V 292.401 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999966

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		28.0033	0.000000	0.000130	-	-
Standard 2		195.730	0.005000	0.004997	-0.000003	-0.1
Standard 3		717.834	0.020000	0.020149	0.000149	0.7
Standard 4		3449.22	0.100000	0.099415	-0.000585	-0.6
Standard 5		17666.8	0.500000	0.512018	0.012018	2.4
Standard 6		68406.4	2.00000	1.98451	-0.015490	-0.8

Curve Type: Linear Equation: y = 34458.3 x + 23.5

V 311.837 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999928

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.1319	0.000000	0.000889	-	-
Standard 2		206.449	0.005000	0.005006	0.000006	0.1
Standard 3		877.172	0.020000	0.019069	-0.000931	-4.7
Standard 4		4588.47	0.100000	0.096888	-0.003112	-3.1
Standard 5		24630.7	0.500000	0.517134	0.017134	3.4
Standard 6		94336.9	2.00000	1.97874	-0.021264	-1.1

Curve Type: Linear Equation: y = 47691.6 x + -32.3

Zn 202.548 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999917

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		533.100	0.000000	-0.000042	-	-
Standard 2		572.429	0.005000	0.005011	0.000011	0.2
Standard 3		686.815	0.020000	0.019706	-0.000294	-1.5
Standard 4		1300.57	0.100000	0.098553	-0.001447	-1.4
Standard 5		4545.71	0.500000	0.515447	0.015447	3.1
Standard 6		15817.3	2.00000	1.96347	-0.036529	-1.8

Curve Type: Linear Equation: y = 7784.1 x + 533.4

Zn 206.200 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999954

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		174.734	0.000000	-0.000044	-	-
Standard 2		188.228	0.005000	0.005254	0.000254	5.1
Standard 3		227.736	0.020000	0.020765	0.000765	3.8
Standard 4		424.806	0.100000	0.098135	-0.001865	-1.9
Standard 5		1478.45	0.500000	0.511797	0.011797	2.4
Standard 6		5200.84	2.00000	1.97322	-0.026783	-1.3

Curve Type: Linear Equation: y = 2547.1 x + 174.8

Zn 213.857 Calibration (mg/L) 11/7/2011, 12:02:31 PM Correlation Coefficient: 0.999979

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1070.00	0.000000	0.000151	-	-
Standard 2		1143.50	0.005000	0.004914	-0.000086	-1.7
Standard 3		1363.25	0.020000	0.019153	-0.000847	-4.2
Standard 4		2581.73	0.100000	0.098113	-0.001887	-1.9
Standard 5		8960.90	0.500000	0.511491	0.011491	2.3
Standard 6		31911.7	2.00000	1.99873	-0.001266	-0.1

Curve Type: Linear Equation: y = 15431.8 x + 1067.7

SEQ-ICV1 (Samp) 11/7/2011, 12:13:17 PM Rack 1, Tube 1
M_200.7_T_WW ICV
Weight: 1 Volume: 1 Dilution: 1

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.519171	mg/L	0.003044	0.6	24152.4	0.519171 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.003069	0.6	1539.80	uncal mg/L	Y 371.029
Al 237.312	5.03865	mg/L	0.038556	0.8	7208.71	5.03865 mg/L	Y 371.029
Al 257.509	5.00943	mg/L	0.042179	0.8	3115.97	5.00943 mg/L	Y 371.029
Al 308.215	5.10316	mg/L	0.034538	0.7	29156.7	5.10316 mg/L	Y 371.029
As 188.980	1.00580	mg/L	0.009249	0.9	303.471	1.00580 mg/L	Y 371.029
As 193.696	1.01686	mg/L	0.011928	1.2	344.168	1.01686 mg/L	Y 371.029
As 228.812	1.98673	mg/L	0.021096	1.1	1557.24	1.98673 mg/L	Y 371.029
B 182.577	1.06756	mg/L	0.011649	1.1	480.976	1.06756 mg/L	Y 371.029
B 249.678	1.05512	mg/L	0.012340	1.2	8160.78	1.05512 mg/L	Y 371.029

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
B 249.772	1.06745	mg/L	0.016584	1.6	18663.9	1.06745 mg/L	Y 371.029
Ba 233.527	0.999555	mg/L	0.006257	0.6	35080.0	0.999555 mg/L	Y 371.029
Ba 455.403	1.00560	mg/L	0.005159	0.5	1021455	1.00560 mg/L	Y 371.029
Ba 493.408	0.982886	mg/L	0.004875	0.5	573303	0.982886 mg/L	Y 371.029
Be 234.861	0.989582	mg/L	0.009412	1.0	105276	0.989582 mg/L	Y 371.029
Be 313.042	0.996950	mg/L	0.006078	0.6	1619505	0.996950 mg/L	Y 371.029
Be 313.107	1.00975	mg/L	0.006293	0.6	763309	1.00975 mg/L	Y 371.029
Ca 393.366	9.09809n	mg/L	0.049508	0.5	12973593	9.09809 mg/L	Y 371.029
Ca 396.847	9.68817	mg/L	0.049997	0.5	18174662	9.68817 mg/L	Y 371.029
Ca 430.253	9.68806	mg/L	0.064579	0.7	39414.7	9.68806 mg/L	Y 371.029
Cd 214.439	0.974886	mg/L	0.005853	0.6	17663.0	0.974886 mg/L	Y 371.029
Cd 226.502	0.984680	mg/L	0.006134	0.6	30755.2	0.984680 mg/L	Y 371.029
Cd 228.802	0.988361	mg/L	0.008368	0.8	13985.2	0.988361 mg/L	Y 371.029
Co 228.615	1.00567	mg/L	0.010482	1.0	8972.42	1.00567 mg/L	Y 371.029
Co 230.786	1.01547	mg/L	0.008488	0.8	5745.06	1.01547 mg/L	Y 371.029
Co 238.892	0.991723	mg/L	0.007001	0.7	5311.36	0.991723 mg/L	Y 371.029
Cr 205.560	0.976569	mg/L	0.010487	1.1	3822.26	0.976569 mg/L	Y 371.029
Cr 206.158	1.01443	mg/L	0.005272	0.5	1649.12	1.01443 mg/L	Y 371.029
Cr 267.716	0.994282	mg/L	0.006134	0.6	19437.0	0.994282 mg/L	Y 371.029
Cu 213.598	1.01422	mg/L	0.011356	1.1	3322.58	1.01422 mg/L	Y 371.029
Cu 324.754	0.992478	mg/L	0.005601	0.6	37745.7	0.992478 mg/L	Y 371.029
Cu 327.395	1.00128	mg/L	0.005785	0.6	46347.0	1.00128 mg/L	Y 371.029
Fe 234.350	5.13508	mg/L	0.034463	0.7	39359.9	5.13508 mg/L	Y 371.029
Fe 238.204	5.11175	mg/L	0.013422	0.3	85908.8	5.11175 mg/L	Y 371.029
Fe 259.940	5.11791	mg/L	0.021104	0.4	73476.0	5.11791 mg/L	Y 371.029
Ga 287.423	0.996778	mg/L	0.010583	1.1	2414.82	0.996778 mg/L	Y 371.029
Ga 294.363	0.987511	mg/L	0.006137	0.6	6076.97	0.987511 mg/L	Y 371.029
Ga 417.204	1.00259	mg/L	0.006422	0.6	9785.93	1.00259 mg/L	Y 371.029
K 766.491	9.65330	mg/L	0.059891	0.6	608911	9.65330 mg/L	Y 371.029
K 769.897	10.2366	mg/L	0.115833	1.1	508647	10.2366 mg/L	Y 371.029
Li 610.365	1.09536	mg/L	0.009194	0.8	44476.5	1.09536 mg/L	Y 371.029
Li 670.783	1.01301	mg/L	0.008217	0.8	2985281	1.01301 mg/L	Y 371.029
Mg 279.078	9.83584	mg/L	0.086005	0.9	13776.3	9.83584 mg/L	Y 371.029
Mg 280.270	9.54700	mg/L	0.041135	0.4	975504	9.54700 mg/L	Y 371.029
Mg 285.213	10.4513	mg/L	0.095401	0.9	332253	10.4513 mg/L	Y 371.029
Mn 257.610	0.991934	mg/L	0.007752	0.8	141363	0.991934 mg/L	Y 371.029
Mn 259.372	0.981455	mg/L	0.004263	0.4	103936	0.981455 mg/L	Y 371.029
Mn 260.568	1.00520	mg/L	0.007784	0.8	19331.2	1.00520 mg/L	Y 371.029
Mo 202.032	1.09932	mg/L	0.030159	2.7	3417.28	1.09932 mg/L	Y 371.029
Mo 203.846	1.13023	mg/L	0.031683	2.8	1398.63	1.13023 mg/L	Y 371.029
Mo 204.598	1.10032	mg/L	0.035386	3.2	1620.70	1.10032 mg/L	Y 371.029
Na 568.821	9.29561	mg/L	0.163042	1.8	2573.09	9.29561 mg/L	Y 371.029
Na 588.995	10.2291	mg/L	0.054997	0.5	4917664	10.2291 mg/L	Y 371.029
Na 589.592	10.7937	mg/L	0.068023	0.6	2741677	10.7937 mg/L	Y 371.029
Ni 216.555	0.988681	mg/L	0.010081	1.0	4731.95	0.988681 mg/L	Y 371.029
Ni 221.648	0.987472	mg/L	0.007406	0.7	1962.07	0.987472 mg/L	Y 371.029
Ni 231.604	0.991874	mg/L	0.009617	1.0	3276.94	0.991874 mg/L	Y 371.029
P 177.434	1.00347	mg/L	0.041588	4.1	39.6983	1.00347 mg/L	Y 371.029
P 213.618	1.04315	mg/L	0.022509	2.2	546.520	1.04315 mg/L	Y 371.029
P 214.914	0.988330	mg/L	0.026142	2.6	172.240	0.988330 mg/L	Y 371.029
Pb 220.353	0.994402	mg/L	0.010313	1.0	1061.21	0.994402 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Pb 261.417	0.804351	mg/L	0.003825	0.5	434.012	0.804351 mg/L	Y 371.029
Pb 405.781	0.971808	mg/L	0.004646	0.5	1506.20	0.971808 mg/L	Y 371.029
Sb 206.834	0.923122	mg/L	0.014961	1.6	571.740	0.923122 mg/L	Y 371.029
Sb 231.146	0.947788	mg/L	0.022290	2.4	486.312	0.947788 mg/L	Y 371.029
Sb 259.804	0.723614	mg/L	0.008964	1.2	326.569	0.723614 mg/L	Y 371.029
Se 196.026	1.03464	mg/L	0.029531	2.9	251.066	1.03464 mg/L	Y 371.029
Se 203.985	1.11417	mg/L	0.047340	4.2	174.360	1.11417 mg/L	Y 371.029
Si 250.690	0.992168	mg/L	0.005555	0.6	1386.32	0.992168 mg/L	Y 371.029
Si 251.611	0.974337	mg/L	0.010381	1.1	1637.89	0.974337 mg/L	Y 371.029
Si 288.158	0.969111	mg/L	0.008719	0.9	8327.71	0.969111 mg/L	Y 371.029
Sn 189.927	0.981026	mg/L	0.007591	0.8	209.917	0.981026 mg/L	Y 371.029
Sn 283.998	1.18082	mg/L	0.012984	1.1	2469.24	1.18082 mg/L	Y 371.029
Sr 216.596	1.01525	mg/L	0.007208	0.7	8847.58	1.01525 mg/L	Y 371.029
Sr 407.771	1.02070	mg/L	0.001561	0.2	2720454	1.02070 mg/L	Y 371.029
Sr 421.552	1.02594	mg/L	0.002503	0.2	1644341	1.02594 mg/L	Y 371.029
Ti 334.941	0.998117	mg/L	0.007802	0.8	193594	0.998117 mg/L	Y 371.029
Ti 336.122	1.00184	mg/L	0.007372	0.7	82745.8	1.00184 mg/L	Y 371.029
Ti 337.280	1.00901	mg/L	0.007022	0.7	31005.8	1.00901 mg/L	Y 371.029
Tl 190.794	0.995529	mg/L	0.007653	0.8	305.356	0.995529 mg/L	Y 371.029
Tl 190.807	1.00073	mg/L	0.013084	1.3	169.764	1.00073 mg/L	Y 371.029
Tl 351.923	0.998703	mg/L	0.013195	1.3	1137.48	0.998703 mg/L	Y 371.029
V 268.796	0.952689	mg/L	0.010194	1.1	8751.91	0.952689 mg/L	Y 371.029
V 292.401	1.00993	mg/L	0.006260	0.6	34912.6	1.00993 mg/L	Y 371.029
V 311.837	1.00379	mg/L	0.005700	0.6	47947.6	1.00379 mg/L	Y 371.029
Zn 202.548	1.01235	mg/L	0.010064	1.0	8522.07	1.01235 mg/L	Y 371.029
Zn 206.200	1.01708	mg/L	0.010407	1.0	2778.06	1.01708 mg/L	Y 371.029
Zn 213.857	1.02389	mg/L	0.012594	1.2	17061.1	1.02389 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.06163	8513.00	66.634	0.8
Y 371.029	0.873585	144060	1372.376	1.0

SEQ-ICV2 (Samp) **11/7/2011, 12:20:25 PM** **Rack 1, Tube 2**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.548134	mg/L	0.000920	0.2	25480.6	0.548134 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001186	0.2	1631.05	uncal mg/L	Y 371.029
Al 237.312	5.34273	mg/L	0.020439	0.4	7638.84	5.34273 mg/L	Y 371.029
Al 257.509	5.31411	mg/L	0.009998	0.2	3303.97	5.31411 mg/L	Y 371.029
Al 308.215	5.42201	mg/L	0.007724	0.1	30933.8	5.42201 mg/L	Y 371.029
As 188.980	1.06762	mg/L	0.007708	0.7	321.854	1.06762 mg/L	Y 371.029
As 193.696	1.07738	mg/L	0.004768	0.4	364.548	1.07738 mg/L	Y 371.029
As 228.812	2.13934	mg/L	0.025166	1.2	1660.79	2.13934 mg/L	Y 371.029
B 182.577	1.07216	mg/L	0.012768	1.2	483.062	1.07216 mg/L	Y 371.029
B 249.678	1.08262	mg/L	0.021450	2.0	8372.23	1.08262 mg/L	Y 371.029
B 249.772	1.08424	mg/L	0.022227	2.1	18958.5	1.08424 mg/L	Y 371.029
Ba 233.527	1.06169	mg/L	0.000619	0.1	37251.2	1.06169 mg/L	Y 371.029
Ba 455.403	1.06641	mg/L	0.001718	0.2	1082937	1.06641 mg/L	Y 371.029
Ba 493.408	1.04106	mg/L	0.001703	0.2	607078	1.04106 mg/L	Y 371.029

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Be 234.861	1.04986	mg/L	0.001354	0.1	111689	1.04986 mg/L	Y 371.029
Be 313.042	1.06010	mg/L	0.000624	0.1	1721931	1.06010 mg/L	Y 371.029
Be 313.107	1.07462	mg/L	0.000749	0.1	812342	1.07462 mg/L	Y 371.029
Ca 393.366	9.59032n	mg/L	0.005667	0.1	13673536	9.59032 mg/L	Y 371.029
Ca 396.847	10.2489	mg/L	0.011734	0.1	19224000	10.2489 mg/L	Y 371.029
Ca 430.253	10.2859	mg/L	0.007573	0.1	41789.5	10.2859 mg/L	Y 371.029
Cd 214.439	1.03221	mg/L	0.001823	0.2	18701.3	1.03221 mg/L	Y 371.029
Cd 226.502	1.04755	mg/L	0.001440	0.1	32717.6	1.04755 mg/L	Y 371.029
Cd 228.802	1.04366	mg/L	0.004213	0.4	14766.8	1.04366 mg/L	Y 371.029
Co 228.615	1.06455	mg/L	0.004451	0.4	9497.78	1.06455 mg/L	Y 371.029
Co 230.786	1.07921	mg/L	0.001162	0.1	6105.34	1.07921 mg/L	Y 371.029
Co 238.892	1.05533	mg/L	0.001752	0.2	5651.77	1.05533 mg/L	Y 371.029
Cr 205.560	1.04166	mg/L	0.004552	0.4	4076.88	1.04166 mg/L	Y 371.029
Cr 206.158	1.07656	mg/L	0.006137	0.6	1750.02	1.07656 mg/L	Y 371.029
Cr 267.716	1.05701	mg/L	0.001237	0.1	20662.1	1.05701 mg/L	Y 371.029
Cu 213.598	1.07027	mg/L	0.003729	0.3	3506.13	1.07027 mg/L	Y 371.029
Cu 324.754	1.05104	mg/L	0.001146	0.1	39940.8	1.05104 mg/L	Y 371.029
Cu 327.395	1.06095	mg/L	0.001799	0.2	49108.6	1.06095 mg/L	Y 371.029
Fe 234.350	5.46906	mg/L	0.007016	0.1	41917.3	5.46906 mg/L	Y 371.029
Fe 238.204	5.41715	mg/L	0.023867	0.4	91040.6	5.41715 mg/L	Y 371.029
Fe 259.940	5.42973	mg/L	0.067471	1.2	77950.5	5.42973 mg/L	Y 371.029
Ga 287.423	1.05575	mg/L	0.003144	0.3	2557.55	1.05575 mg/L	Y 371.029
Ga 294.363	1.04976	mg/L	0.001324	0.1	6459.27	1.04976 mg/L	Y 371.029
Ga 417.204	1.06749	mg/L	0.000210	0.0	10414.0	1.06749 mg/L	Y 371.029
K 766.491	10.2126	mg/L	0.017117	0.2	644080	10.2126 mg/L	Y 371.029
K 769.897	10.5572	mg/L	0.019752	0.2	524279	10.5572 mg/L	Y 371.029
Li 610.365	1.16432	mg/L	0.002244	0.2	47296.0	1.16432 mg/L	Y 371.029
Li 670.783	1.08196	mg/L	0.000390	0.0	3184616	1.08196 mg/L	Y 371.029
Mg 279.078	10.4577	mg/L	0.006908	0.1	14646.8	10.4577 mg/L	Y 371.029
Mg 280.270	10.1192	mg/L	0.051844	0.5	1033938	10.1192 mg/L	Y 371.029
Mg 285.213	11.1578	mg/L	0.093411	0.8	354706	11.1578 mg/L	Y 371.029
Mn 257.610	1.04977	mg/L	0.007655	0.7	149608	1.04977 mg/L	Y 371.029
Mn 259.372	1.03922	mg/L	0.006979	0.7	110048	1.03922 mg/L	Y 371.029
Mn 260.568	1.06412	mg/L	0.006228	0.6	20464.6	1.06412 mg/L	Y 371.029
Mo 202.032	1.14280	mg/L	0.015712	1.4	3552.42	1.14280 mg/L	Y 371.029
Mo 203.846	1.17657	mg/L	0.023567	2.0	1455.97	1.17657 mg/L	Y 371.029
Mo 204.598	1.14134	mg/L	0.018675	1.6	1681.32	1.14134 mg/L	Y 371.029
Na 568.821	9.78897	mg/L	0.083116	0.8	2717.79	9.78897 mg/L	Y 371.029
Na 588.995	10.8549	mg/L	0.045600	0.4	5202241	10.8549 mg/L	Y 371.029
Na 589.592	11.4837	mg/L	0.021568	0.2	2905258	11.4837 mg/L	Y 371.029
Ni 216.555	1.05151	mg/L	0.002376	0.2	5033.09	1.05151 mg/L	Y 371.029
Ni 221.648	1.05167	mg/L	0.001307	0.1	2089.50	1.05167 mg/L	Y 371.029
Ni 231.604	1.04653	mg/L	0.002425	0.2	3457.38	1.04653 mg/L	Y 371.029
P 177.434	1.05809	mg/L	0.010751	1.0	41.8429	1.05809 mg/L	Y 371.029
P 213.618	1.10329	mg/L	0.004816	0.4	577.963	1.10329 mg/L	Y 371.029
P 214.914	1.05737	mg/L	0.008870	0.8	184.101	1.05737 mg/L	Y 371.029
Pb 220.353	1.05399	mg/L	0.002898	0.3	1124.60	1.05399 mg/L	Y 371.029
Pb 261.417	0.854165	mg/L	0.000726	0.1	460.174	0.854165 mg/L	Y 371.029
Pb 405.781	1.02349	mg/L	0.013405	1.3	1580.52	1.02349 mg/L	Y 371.029
Sb 206.834	0.989391	mg/L	0.008283	0.8	612.392	0.989391 mg/L	Y 371.029
Sb 231.146	1.02522	mg/L	0.003263	0.3	525.345	1.02522 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sb 259.804	0.778110	mg/L	0.014265	1.8	350.422	0.778110 mg/L	Y 371.029
Se 196.026	1.08978	mg/L	0.025326	2.3	264.248	1.08978 mg/L	Y 371.029
Se 203.985	1.18162	mg/L	0.049441	4.2	184.836	1.18162 mg/L	Y 371.029
Si 250.690	1.04464	mg/L	0.004956	0.5	1452.52	1.04464 mg/L	Y 371.029
Si 251.611	1.02575	mg/L	0.000988	0.1	1715.88	1.02575 mg/L	Y 371.029
Si 288.158	1.01111	mg/L	0.005570	0.6	8623.46	1.01111 mg/L	Y 371.029
Sn 189.927	1.05029	mg/L	0.007203	0.7	224.571	1.05029 mg/L	Y 371.029
Sn 283.998	1.25392	mg/L	0.003693	0.3	2620.70	1.25392 mg/L	Y 371.029
Sr 216.596	1.07256	mg/L	0.003973	0.4	9346.32	1.07256 mg/L	Y 371.029
Sr 407.771	1.08027	mg/L	0.002761	0.3	2878908	1.08027 mg/L	Y 371.029
Sr 421.552	1.08325	mg/L	0.005034	0.5	1736008	1.08325 mg/L	Y 371.029
Ti 334.941	1.05818	mg/L	0.001502	0.1	205239	1.05818 mg/L	Y 371.029
Ti 336.122	1.06224	mg/L	0.002567	0.2	87733.6	1.06224 mg/L	Y 371.029
Ti 337.280	1.07036	mg/L	0.002446	0.2	32891.3	1.07036 mg/L	Y 371.029
Tl 190.794	1.05466	mg/L	0.008936	0.8	323.467	1.05466 mg/L	Y 371.029
Tl 190.807	1.04473	mg/L	0.006017	0.6	177.192	1.04473 mg/L	Y 371.029
Tl 351.923	1.04012	mg/L	0.003147	0.3	1184.28	1.04012 mg/L	Y 371.029
V 268.796	1.01221	mg/L	0.003263	0.3	9276.54	1.01221 mg/L	Y 371.029
V 292.401	1.07277	mg/L	0.000532	0.0	37083.6	1.07277 mg/L	Y 371.029
V 311.837	1.06595	mg/L	0.000879	0.1	50918.9	1.06595 mg/L	Y 371.029
Zn 202.548	1.09337	mg/L	0.004317	0.4	9158.99	1.09337 mg/L	Y 371.029
Zn 206.200	1.09924	mg/L	0.005241	0.5	2988.07	1.09924 mg/L	Y 371.029
Zn 213.857	1.10645	mg/L	0.004342	0.4	18347.2	1.10645 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.06299	8523.91	55.832	0.7
Y 371.029	0.874685	144242	959.412	0.7

SEQ-ICB1 (Samp) **11/7/2011, 12:24:38 PM** **Rack 1, Tube 3**
M_200.7_T_WW **ICB**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000232	mg/L	0.000086	37.1	351.033	0.000232 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000973	102.5	3.36521	uncal mg/L	Y 371.029
Al 237.312	-0.009714uv	mg/L	0.002763	28.4	67.8384	-0.009714 mg/L	Y 371.029
Al 257.509	-0.003350uv	mg/L	0.009063	270.5	23.2979	-0.003350 mg/L	Y 371.029
Al 308.215	-0.000757uv	mg/L	0.001148	151.7	697.937	-0.000757 mg/L	Y 371.029
As 188.980	0.008948	mg/L	0.000896	10.0	7.05647	0.008948 mg/L	Y 371.029
As 193.696	0.010401	mg/L	0.005023	48.3	5.22511	0.010401 mg/L	Y 371.029
As 228.812	0.013977	mg/L	0.005105	36.5	11.8024	0.013977 mg/L	Y 371.029
B 182.577	0.030501	mg/L	0.006811	22.3	19.7422	0.030501 mg/L	Y 371.029
B 249.678	0.032461	mg/L	0.007442	22.9	322.726	0.032461 mg/L	Y 371.029
B 249.772	0.032143	mg/L	0.007327	22.8	732.433	0.032143 mg/L	Y 371.029
Ba 233.527	0.000899	mg/L	0.000180	20.0	184.878	0.000899 mg/L	Y 371.029
Ba 455.403	0.000553	mg/L	0.000008	1.4	5267.39	0.000553 mg/L	Y 371.029
Ba 493.408	0.000655	mg/L	0.000009	1.3	3028.42	0.000655 mg/L	Y 371.029
Be 234.861	0.000026	mg/L	0.000008	31.1	1.39424	0.000026 mg/L	Y 371.029
Be 313.042	0.000014	mg/L	0.000010	74.4	2630.33	0.000014 mg/L	Y 371.029
Be 313.107	0.000030	mg/L	0.000005	17.5	50.2508	0.000030 mg/L	Y 371.029
Ca 393.366	-0.000818nuv	mg/L	0.000071	8.7	36872.7	-0.000818 mg/L	Y 371.029

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ca 396.847	0.001306	mg/L	0.000059	4.5	48435.0	0.001306 mg/L	Y 371.029
Ca 430.253	-0.028967uv	mg/L	0.003703	12.8	823.925	-0.028967 mg/L	Y 371.029
Cd 214.439	0.000284	mg/L	0.000077	27.1	8.81390	0.000284 mg/L	Y 371.029
Cd 226.502	0.000061uv	mg/L	0.000125	204.5	22.0669	0.000061 mg/L	Y 371.029
Cd 228.802	0.000242	mg/L	0.000094	39.1	18.4067	0.000242 mg/L	Y 371.029
Co 228.615	0.000443	mg/L	0.000189	42.7	4.96893	0.000443 mg/L	Y 371.029
Co 230.786	0.000240uv	mg/L	0.000396	164.8	7.49506	0.000240 mg/L	Y 371.029
Co 238.892	0.000056uv	mg/L	0.000183	325.5	3.56272	0.000056 mg/L	Y 371.029
Cr 205.560	0.000742	mg/L	0.000195	26.3	4.02253	0.000742 mg/L	Y 371.029
Cr 206.158	-0.000063uv	mg/L	0.000440	693.8	2.24847	-0.000063 mg/L	Y 371.029
Cr 267.716	-0.000021uv	mg/L	0.000315	1467.2	16.6631	-0.000021 mg/L	Y 371.029
Cu 213.598	0.000029uv	mg/L	0.000347	1215.2	1.51880	0.000029 mg/L	Y 371.029
Cu 324.754	-0.001085uv	mg/L	0.000179	16.5	501.324	-0.001085 mg/L	Y 371.029
Cu 327.395	0.000360	mg/L	0.000170	47.2	23.8818	0.000360 mg/L	Y 371.029
Fe 234.350	0.002772	mg/L	0.000343	12.4	49.2776	0.002772 mg/L	Y 371.029
Fe 238.204	0.002184	mg/L	0.000415	19.0	70.4865	0.002184 mg/L	Y 371.029
Fe 259.940	0.002050	mg/L	0.000585	28.5	72.8925	0.002050 mg/L	Y 371.029
Ga 287.423	-0.000374uv	mg/L	0.003567	953.6	11.8065	-0.000374 mg/L	Y 371.029
Ga 294.363	0.000365	mg/L	0.000219	60.1	14.1824	0.000365 mg/L	Y 371.029
Ga 417.204	0.000361uv	mg/L	0.000942	261.0	53.7589	0.000361 mg/L	Y 371.029
K 766.491	-0.002177uv	mg/L	0.000253	11.6	1847.72	-0.002177 mg/L	Y 371.029
K 769.897	-0.010863uv	mg/L	0.001333	12.3	8895.51	-0.010863 mg/L	Y 371.029
Li 610.365	0.007089	mg/L	0.000074	1.0	-19.1694	0.007089 mg/L	Y 371.029
Li 670.783	-0.000302uv	mg/L	0.000024	7.8	55579.1	-0.000302 mg/L	Y 371.029
Mg 279.078	0.004264	mg/L	0.002881	67.6	13.4538	0.004264 mg/L	Y 371.029
Mg 280.270	-0.000670uv	mg/L	0.000090	13.4	409.823	-0.000670 mg/L	Y 371.029
Mg 285.213	-0.000233uv	mg/L	0.000050	21.4	110.075	-0.000233 mg/L	Y 371.029
Mn 257.610	-0.000034uv	mg/L	0.000031	91.2	14.9717	-0.000034 mg/L	Y 371.029
Mn 259.372	0.000006	mg/L	0.000006	89.2	49.9469	0.000006 mg/L	Y 371.029
Mn 260.568	0.000126	mg/L	0.000070	55.4	4.13507	0.000126 mg/L	Y 371.029
Mo 202.032	0.027230	mg/L	0.005640	20.7	96.6349	0.027230 mg/L	Y 371.029
Mo 203.846	0.028024	mg/L	0.004978	17.8	39.1207	0.028024 mg/L	Y 371.029
Mo 204.598	0.027174	mg/L	0.004821	17.7	41.7895	0.027174 mg/L	Y 371.029
Na 568.821	0.917494	mg/L	0.051160	5.6	117.754	0.917494 mg/L	Y 371.029
Na 588.995	-0.289506uv	mg/L	0.000366	0.1	134642	-0.289506 mg/L	Y 371.029
Na 589.592	-0.528075uv	mg/L	0.000462	0.1	57914.6	-0.528075 mg/L	Y 371.029
Ni 216.555	0.002072	mg/L	0.000601	29.0	3.26949	0.002072 mg/L	Y 371.029
Ni 221.648	0.000897	mg/L	0.000309	34.4	3.71673	0.000897 mg/L	Y 371.029
Ni 231.604	0.000423	mg/L	0.000188	44.5	6.22528	0.000423 mg/L	Y 371.029
P 177.434	0.000147uv	mg/L	0.016729	11346.3	0.313065	0.000147 mg/L	Y 371.029
P 213.618	-0.002083uv	mg/L	0.000928	44.6	-0.260282	-0.002083 mg/L	Y 371.029
P 214.914	0.015314	mg/L	0.014003	91.4	3.11511	0.015314 mg/L	Y 371.029
Pb 220.353	0.000889uv	mg/L	0.001139	128.1	4.32863	0.000889 mg/L	Y 371.029
Pb 261.417	0.004379	mg/L	0.000825	18.8	13.6594	0.004379 mg/L	Y 371.029
Pb 405.781	-0.004663uv	mg/L	0.001616	34.7	103.938	-0.004663 mg/L	Y 371.029
Sb 206.834	0.042458	mg/L	0.001664	3.9	30.3096	0.042458 mg/L	Y 371.029
Sb 231.146	0.037933	mg/L	0.002770	7.3	25.1468	0.037933 mg/L	Y 371.029
Sb 259.804	0.045901	mg/L	0.000845	1.8	28.2967	0.045901 mg/L	Y 371.029
Se 196.026	0.011485	mg/L	0.001956	17.0	6.54453	0.011485 mg/L	Y 371.029
Se 203.985	0.018430	mg/L	0.012352	67.0	4.18998	0.018430 mg/L	Y 371.029
Si 250.690	0.023975	mg/L	0.000424	1.8	167.735	0.023975 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Si 251.611	0.023310	mg/L	0.001491	6.4	196.470	0.023310 mg/L	Y 371.029
Si 288.158	0.015814	mg/L	0.000161	1.0	1631.82	0.015814 mg/L	Y 371.029
Sn 189.927	0.001400uv	mg/L	0.002271	162.2	2.63339	0.001400 mg/L	Y 371.029
Sn 283.998	-0.004279uv	mg/L	0.000834	19.5	7.09837	-0.004279 mg/L	Y 371.029
Sr 216.596	0.000450	mg/L	0.000285	63.5	18.4006	0.000450 mg/L	Y 371.029
Sr 407.771	-0.000015uv	mg/L	0.000006	41.8	5721.02	-0.000015 mg/L	Y 371.029
Sr 421.552	0.000009	mg/L	0.000010	114.8	3334.57	0.000009 mg/L	Y 371.029
Ti 334.941	0.002126	mg/L	0.000579	27.3	509.008	0.002126 mg/L	Y 371.029
Ti 336.122	0.001860	mg/L	0.000665	35.8	162.398	0.001860 mg/L	Y 371.029
Ti 337.280	0.002187	mg/L	0.000440	20.1	64.0921	0.002187 mg/L	Y 371.029
Tl 190.794	0.004659	mg/L	0.003467	74.4	1.89970	0.004659 mg/L	Y 371.029
Tl 190.807	0.002473uv	mg/L	0.003594	145.3	0.811737	0.002473 mg/L	Y 371.029
Tl 351.923	-0.000497uv	mg/L	0.001700	342.4	9.90916	-0.000497 mg/L	Y 371.029
V 268.796	0.002040	mg/L	0.000816	40.0	61.4728	0.002040 mg/L	Y 371.029
V 292.401	0.000089uv	mg/L	0.000171	191.7	26.6742	0.000089 mg/L	Y 371.029
V 311.837	0.000760	mg/L	0.000075	9.9	4.11777	0.000760 mg/L	Y 371.029
Zn 202.548	0.005077	mg/L	0.000541	10.7	572.945	0.005077 mg/L	Y 371.029
Zn 206.200	0.005503	mg/L	0.000474	8.6	188.873	0.005503 mg/L	Y 371.029
Zn 213.857	0.003938	mg/L	0.000516	13.1	1128.47	0.003938 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.08292	8683.71	30.411	0.4
Y 371.029	0.891686	147045	324.487	0.2

SEQ-LCV1 (Samp) **11/7/2011, 12:27:38 PM** **Rack 1, Tube 4**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.004078	mg/L	0.000209	5.1	527.415	0.004078 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002862	120.6	7.38586	uncal mg/L	Y 371.029
Al 237.312	0.103733	mg/L	0.004450	4.3	228.354	0.103733 mg/L	Y 371.029
Al 257.509	0.109853	mg/L	0.006294	5.7	93.1386	0.109853 mg/L	Y 371.029
Al 308.215	0.108613	mg/L	0.001393	1.3	1307.74	0.108613 mg/L	Y 371.029
As 188.980	0.029035	mg/L	0.002742	9.4	13.0307	0.029035 mg/L	Y 371.029
As 193.696	0.024413	mg/L	0.000685	2.8	9.94130	0.024413 mg/L	Y 371.029
As 228.812	0.040787	mg/L	0.002355	5.8	30.0487	0.040787 mg/L	Y 371.029
B 182.577	0.035749	mg/L	0.001847	5.2	22.0854	0.035749 mg/L	Y 371.029
B 249.678	0.032919	mg/L	0.001221	3.7	326.533	0.032919 mg/L	Y 371.029
B 249.772	0.032144	mg/L	0.001202	3.7	732.979	0.032144 mg/L	Y 371.029
Ba 233.527	0.019865	mg/L	0.000088	0.4	847.601	0.019865 mg/L	Y 371.029
Ba 455.403	0.020165	mg/L	0.000071	0.4	25097.3	0.020165 mg/L	Y 371.029
Ba 493.408	0.019917	mg/L	0.000188	0.9	14211.9	0.019917 mg/L	Y 371.029
Be 234.861	0.019491	mg/L	0.000069	0.4	2072.57	0.019491 mg/L	Y 371.029
Be 313.042	0.019541	mg/L	0.000087	0.4	34302.0	0.019541 mg/L	Y 371.029
Be 313.107	0.020023	mg/L	0.000118	0.6	15163.0	0.020023 mg/L	Y 371.029
Ca 393.366	0.259951n	mg/L	0.000980	0.4	407541	0.259951 mg/L	Y 371.029
Ca 396.847	0.253222	mg/L	0.000512	0.2	519747	0.253222 mg/L	Y 371.029
Ca 430.253	0.249913	mg/L	0.002062	0.8	1930.03	0.249913 mg/L	Y 371.029
Cd 214.439	0.009691	mg/L	0.000124	1.3	179.213	0.009691 mg/L	Y 371.029
Cd 226.502	0.009793	mg/L	0.000045	0.5	325.832	0.009793 mg/L	Y 371.029

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cd 228.802	0.010049	mg/L	0.000138	1.4	157.042	0.010049 mg/L	Y 371.029
Co 228.615	0.019158	mg/L	0.000393	2.1	171.844	0.019158 mg/L	Y 371.029
Co 230.786	0.020263	mg/L	0.000367	1.8	120.662	0.020263 mg/L	Y 371.029
Co 238.892	0.019830	mg/L	0.000347	1.8	109.919	0.019830 mg/L	Y 371.029
Cr 205.560	0.019540	mg/L	0.000121	0.6	77.5508	0.019540 mg/L	Y 371.029
Cr 206.158	0.018777	mg/L	0.000703	3.7	32.8188	0.018777 mg/L	Y 371.029
Cr 267.716	0.019953	mg/L	0.000168	0.8	406.666	0.019953 mg/L	Y 371.029
Cu 213.598	0.018829	mg/L	0.000336	1.8	63.0149	0.018829 mg/L	Y 371.029
Cu 324.754	0.018818	mg/L	0.000184	1.0	1247.06	0.018818 mg/L	Y 371.029
Cu 327.395	0.020135	mg/L	0.000169	0.8	938.305	0.020135 mg/L	Y 371.029
Fe 234.350	0.020667	mg/L	0.000135	0.7	194.274	0.020667 mg/L	Y 371.029
Fe 238.204	0.020910	mg/L	0.000226	1.1	395.751	0.020910 mg/L	Y 371.029
Fe 259.940	0.020621	mg/L	0.000610	3.0	347.575	0.020621 mg/L	Y 371.029
Ga 287.423	0.018921	mg/L	0.000900	4.8	56.9860	0.018921 mg/L	Y 371.029
Ga 294.363	0.018204	mg/L	0.001320	7.2	123.704	0.018204 mg/L	Y 371.029
Ga 417.204	0.019375	mg/L	0.001181	6.1	238.052	0.019375 mg/L	Y 371.029
K 766.491	0.193321	mg/L	0.000441	0.2	14139.2	0.193321 mg/L	Y 371.029
K 769.897	0.189182	mg/L	0.001416	0.7	18652.7	0.189182 mg/L	Y 371.029
Li 610.365	0.028641	mg/L	0.000297	1.0	861.994	0.028641 mg/L	Y 371.029
Li 670.783	0.041022	mg/L	0.000157	0.4	174991	0.041022 mg/L	Y 371.029
Mg 279.078	0.199150	mg/L	0.001940	1.0	286.225	0.199150 mg/L	Y 371.029
Mg 280.270	0.199530	mg/L	0.001457	0.7	20855.4	0.199530 mg/L	Y 371.029
Mg 285.213	0.201855	mg/L	0.001036	0.5	6532.24	0.201855 mg/L	Y 371.029
Mn 257.610	0.019934	mg/L	0.000068	0.3	2864.33	0.019934 mg/L	Y 371.029
Mn 259.372	0.019981	mg/L	0.000235	1.2	2154.54	0.019981 mg/L	Y 371.029
Mn 260.568	0.019986	mg/L	0.000134	0.7	386.057	0.019986 mg/L	Y 371.029
Mo 202.032	0.054494	mg/L	0.002615	4.8	180.955	0.054494 mg/L	Y 371.029
Mo 203.846	0.055396	mg/L	0.004036	7.3	72.8275	0.055396 mg/L	Y 371.029
Mo 204.598	0.055176	mg/L	0.004289	7.8	82.9067	0.055176 mg/L	Y 371.029
Na 568.821	1.01336	mg/L	0.021674	2.1	146.228	1.01336 mg/L	Y 371.029
Na 588.995	-0.053547uv	mg/L	0.001488	2.8	241933	-0.053547 mg/L	Y 371.029
Na 589.592	-0.305790uv	mg/L	0.001157	0.4	110606	-0.305790 mg/L	Y 371.029
Ni 216.555	0.040838	mg/L	0.000607	1.5	188.322	0.040838 mg/L	Y 371.029
Ni 221.648	0.039134	mg/L	0.000907	2.3	79.3308	0.039134 mg/L	Y 371.029
Ni 231.604	0.039620	mg/L	0.000444	1.1	135.030	0.039620 mg/L	Y 371.029
P 177.434	0.022757	mg/L	0.013462	59.2	1.19994	0.022757 mg/L	Y 371.029
P 213.618	0.017897	mg/L	0.003264	18.2	10.1789	0.017897 mg/L	Y 371.029
P 214.914	0.027507	mg/L	0.006871	25.0	5.28607	0.027507 mg/L	Y 371.029
Pb 220.353	0.038276	mg/L	0.001710	4.5	44.0927	0.038276 mg/L	Y 371.029
Pb 261.417	0.030461	mg/L	0.005489	18.0	27.3950	0.030461 mg/L	Y 371.029
Pb 405.781	0.036338	mg/L	0.003089	8.5	162.507	0.036338 mg/L	Y 371.029
Sb 206.834	0.066543	mg/L	0.003751	5.6	45.0626	0.066543 mg/L	Y 371.029
Sb 231.146	0.061812	mg/L	0.000965	1.6	37.2166	0.061812 mg/L	Y 371.029
Sb 259.804	0.067979	mg/L	0.007777	11.4	37.8045	0.067979 mg/L	Y 371.029
Se 196.026	0.048320	mg/L	0.005209	10.8	15.3414	0.048320 mg/L	Y 371.029
Se 203.985	0.034578	mg/L	0.005021	14.5	6.75340	0.034578 mg/L	Y 371.029
Si 250.690	0.043032	mg/L	0.004604	10.7	191.684	0.043032 mg/L	Y 371.029
Si 251.611	0.044119	mg/L	0.002065	4.7	228.034	0.044119 mg/L	Y 371.029
Si 288.158	0.034832	mg/L	0.001651	4.7	1765.68	0.034832 mg/L	Y 371.029
Sn 189.927	0.039705	mg/L	0.002818	7.1	10.7335	0.039705 mg/L	Y 371.029
Sn 283.998	0.047155	mg/L	0.006250	13.3	90.4879	0.047155 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Sr 216.596	0.020065	mg/L	0.000325	1.6	188.913	0.020065 mg/L	Y 371.029
Sr 407.771	0.020320	mg/L	0.000116	0.6	59805.7	0.020320 mg/L	Y 371.029
Sr 421.552	0.020411	mg/L	0.000106	0.5	35969.3	0.020411 mg/L	Y 371.029
Ti 334.941	0.021020	mg/L	0.000304	1.4	4171.37	0.021020 mg/L	Y 371.029
Ti 336.122	0.021403	mg/L	0.000447	2.1	1776.19	0.021403 mg/L	Y 371.029
Ti 337.280	0.021027	mg/L	0.000409	1.9	643.110	0.021027 mg/L	Y 371.029
Tl 190.794	0.019702	mg/L	0.001117	5.7	6.50996	0.019702 mg/L	Y 371.029
Tl 190.807	0.015771	mg/L	0.002073	13.1	3.07358	0.015771 mg/L	Y 371.029
Tl 351.923	0.015119	mg/L	0.006178	40.9	27.5454	0.015119 mg/L	Y 371.029
V 268.796	0.021256	mg/L	0.000595	2.8	241.434	0.021256 mg/L	Y 371.029
V 292.401	0.019883	mg/L	0.000338	1.7	710.070	0.019883 mg/L	Y 371.029
V 311.837	0.019025	mg/L	0.000402	2.1	876.890	0.019025 mg/L	Y 371.029
Zn 202.548	0.021011	mg/L	0.000307	1.5	699.022	0.021011 mg/L	Y 371.029
Zn 206.200	0.020790	mg/L	0.001038	5.0	228.055	0.020790 mg/L	Y 371.029
Zn 213.857	0.020137	mg/L	0.001236	6.1	1383.74	0.020137 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.07310	8604.99	28.661	0.3
Y 371.029	0.883555	145704	426.330	0.3

SEQ-HCV1 (Samp) **11/7/2011, 12:31:18 PM** **Rack 1, Tube 5**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.623417b	mg/L	0.000918	0.1	28910.9	0.623417 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.004343	0.6	1891.23	uncal mg/L	Y 371.029
Al 237.312	50.4645b	mg/L	0.099268	0.2	71497.0	50.4645 mg/L	Y 371.029
Al 257.509	49.9471b	mg/L	0.209982	0.4	30838.2	49.9471 mg/L	Y 371.029
Al 308.215	50.1696b	mg/L	0.107021	0.2	280845	50.1696 mg/L	Y 371.029
As 188.980	10.0189b	mg/L	0.010851	0.1	2982.32	10.0189 mg/L	Y 371.029
As 193.696	10.1568b	mg/L	0.014655	0.1	3419.54	10.1568 mg/L	Y 371.029
As 228.812	13.7822b	mg/L	0.142224	1.0	9325.17	13.7822 mg/L	Y 371.029
B 182.577	10.0178b	mg/L	0.171068	1.7	4460.47	10.0178 mg/L	Y 371.029
B 249.678	10.0891b	mg/L	0.217301	2.2	77363.0	10.0891 mg/L	Y 371.029
B 249.772	9.96515b	mg/L	0.186136	1.9	172247	9.96515 mg/L	Y 371.029
Ba 233.527	9.49123b	mg/L	0.034356	0.4	331796	9.49123 mg/L	Y 371.029
Ba 455.403	9.07914b	mg/L	0.017025	0.2	9184517	9.07914 mg/L	Y 371.029
Ba 493.408	9.06963b	mg/L	0.010339	0.1	5268313	9.06963 mg/L	Y 371.029
Be 234.861	9.77863b	mg/L	0.036287	0.4	1040495	9.77863 mg/L	Y 371.029
Be 313.042	9.04425b	mg/L	0.013153	0.1	14670960	9.04425 mg/L	Y 371.029
Be 313.107	9.30128b	mg/L	0.014894	0.2	7030964	9.30128 mg/L	Y 371.029
Ca 393.366	-onb	mg/L	0.207085	0.7	44564188	- mg/L	Y 371.029
Ca 396.847	-ob	mg/L	0.146635	0.7	41433676	- mg/L	Y 371.029
Ca 430.253	102.051b	mg/L	0.116089	0.1	406124	102.051 mg/L	Y 371.029
Cd 214.439	4.64679b	mg/L	0.044993	1.0	84176.6	4.64679 mg/L	Y 371.029
Cd 226.502	4.66154b	mg/L	0.007266	0.2	145525	4.66154 mg/L	Y 371.029
Cd 228.802	4.96315b	mg/L	0.018644	0.4	70179.4	4.96315 mg/L	Y 371.029
Co 228.615	9.66564b	mg/L	0.039937	0.4	86142.7	9.66564 mg/L	Y 371.029
Co 230.786	9.65164b	mg/L	0.044460	0.5	54536.8	9.65164 mg/L	Y 371.029
Co 238.892	9.67311b	mg/L	0.025052	0.3	52037.0	9.67311 mg/L	Y 371.029

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cr 205.560	9.56700b	mg/L	0.034087	0.4	37415.1	9.56700 mg/L	Y 371.029
Cr 206.158	9.65407b	mg/L	0.038235	0.4	15664.6	9.65407 mg/L	Y 371.029
Cr 267.716	9.64586b	mg/L	0.011047	0.1	188323	9.64586 mg/L	Y 371.029
Cu 213.598	9.59913b	mg/L	0.032302	0.3	31460.8	9.59913 mg/L	Y 371.029
Cu 324.754	9.86167b	mg/L	0.027178	0.3	370002	9.86167 mg/L	Y 371.029
Cu 327.395	9.87354b	mg/L	0.023684	0.2	456564	9.87354 mg/L	Y 371.029
Fe 234.350	9.67396b	mg/L	0.029755	0.3	77902.1	9.67396 mg/L	Y 371.029
Fe 238.204	9.56826b	mg/L	0.025954	0.3	165883	9.56826 mg/L	Y 371.029
Fe 259.940	9.49864b	mg/L	0.023302	0.2	140238	9.49864 mg/L	Y 371.029
Ga 287.423	10.0625b	mg/L	0.003939	0.0	23584.2	10.0625 mg/L	Y 371.029
Ga 294.363	10.0458b	mg/L	0.017801	0.2	61685.7	10.0458 mg/L	Y 371.029
Ga 417.204	10.2319b	mg/L	0.016688	0.2	99036.9	10.2319 mg/L	Y 371.029
K 766.491	82.9770b	mg/L	0.162064	0.2	5219670	82.9770 mg/L	Y 371.029
K 769.897	98.1194b	mg/L	0.722233	0.7	4795694	98.1194 mg/L	Y 371.029
Li 610.365	23.5586b	mg/L	0.059125	0.3	962920	23.5586 mg/L	Y 371.029
Li 670.783	-ob	mg/L	0.361984	2.7	38313732	- mg/L	Y 371.029
Mg 279.078	97.5633b	mg/L	0.247245	0.3	136555	97.5633 mg/L	Y 371.029
Mg 280.270	64.7658b	mg/L	0.656805	1.0	6615652	64.7658 mg/L	Y 371.029
Mg 285.213	92.4874b	mg/L	0.193716	0.2	2939356	92.4874 mg/L	Y 371.029
Mn 257.610	9.49603b	mg/L	0.022011	0.2	1353717	9.49603 mg/L	Y 371.029
Mn 259.372	9.45013b	mg/L	0.009726	0.1	1000022	9.45013 mg/L	Y 371.029
Mn 260.568	9.69950b	mg/L	0.018487	0.2	186496	9.69950 mg/L	Y 371.029
Mo 202.032	21.7562b	mg/L	0.132301	0.6	67235.9	21.7562 mg/L	Y 371.029
Mo 203.846	22.4528b	mg/L	0.197280	0.9	27624.4	22.4528 mg/L	Y 371.029
Mo 204.598	21.8981b	mg/L	0.175022	0.8	32130.2	21.8981 mg/L	Y 371.029
Na 568.821	98.7348b	mg/L	0.115419	0.1	28784.4	98.7348 mg/L	Y 371.029
Na 588.995	-ob	mg/L	0.305418	0.4	31948526	- mg/L	Y 371.029
Na 589.592	98.4841b	mg/L	0.055922	0.1	23533674	98.4841 mg/L	Y 371.029
Ni 216.555	18.6077b	mg/L	0.055862	0.3	88820.0	18.6077 mg/L	Y 371.029
Ni 221.648	18.8239b	mg/L	0.023354	0.1	37228.2	18.8239 mg/L	Y 371.029
Ni 231.604	18.7118b	mg/L	0.089856	0.5	61495.8	18.7118 mg/L	Y 371.029
P 177.434	9.93198b	mg/L	0.040218	0.4	389.930	9.93198 mg/L	Y 371.029
P 213.618	10.3143b	mg/L	0.017829	0.2	5394.38	10.3143 mg/L	Y 371.029
P 214.914	9.70792b	mg/L	0.027173	0.3	1694.53	9.70792 mg/L	Y 371.029
Pb 220.353	18.8199b	mg/L	0.041361	0.2	20020.8	18.8199 mg/L	Y 371.029
Pb 261.417	19.8241b	mg/L	0.044984	0.2	10465.1	19.8241 mg/L	Y 371.029
Pb 405.781	20.2443b	mg/L	0.022825	0.1	29042.9	20.2443 mg/L	Y 371.029
Sb 206.834	19.5587b	mg/L	0.268194	1.4	11950.0	19.5587 mg/L	Y 371.029
Sb 231.146	19.7509b	mg/L	0.224304	1.1	9930.42	19.7509 mg/L	Y 371.029
Sb 259.804	19.7727b	mg/L	0.239823	1.2	8479.79	19.7727 mg/L	Y 371.029
Se 196.026	21.0311b	mg/L	0.076968	0.4	5024.73	21.0311 mg/L	Y 371.029
Se 203.985	21.5021b	mg/L	0.047245	0.2	3189.22	21.5021 mg/L	Y 371.029
Si 250.690	16.1504b	mg/L	0.168173	1.0	20319.6	16.1504 mg/L	Y 371.029
Si 251.611	16.0594b	mg/L	0.186962	1.2	24344.4	16.0594 mg/L	Y 371.029
Si 288.158	16.0783b	mg/L	0.244084	1.5	114092	16.0783 mg/L	Y 371.029
Sn 189.927	19.0358b	mg/L	0.050469	0.3	4028.27	19.0358 mg/L	Y 371.029
Sn 283.998	21.3836b	mg/L	0.074063	0.3	36390.0	21.3836 mg/L	Y 371.029
Sr 216.596	9.32309b	mg/L	0.027195	0.3	81057.9	9.32309 mg/L	Y 371.029
Sr 407.771	8.49688b	mg/L	0.030098	0.4	22605370	8.49688 mg/L	Y 371.029
Sr 421.552	8.93182b	mg/L	0.012178	0.1	14290311	8.93182 mg/L	Y 371.029
Ti 334.941	9.60732b	mg/L	0.027177	0.3	1862255	9.60732 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ti 336.122	9.74090b	mg/L	0.021404	0.2	804391	9.74090 mg/L	Y 371.029
Ti 337.280	9.83998b	mg/L	0.017745	0.2	302382	9.83998 mg/L	Y 371.029
Tl 190.794	9.61457b	mg/L	0.006188	0.1	2943.76	9.61457 mg/L	Y 371.029
Tl 190.807	9.63378b	mg/L	0.032794	0.3	1647.53	9.63378 mg/L	Y 371.029
Tl 351.923	10.2310b	mg/L	0.005281	0.1	11557.8	10.2310 mg/L	Y 371.029
V 268.796	9.99565b	mg/L	0.021837	0.2	100722	9.99565 mg/L	Y 371.029
V 292.401	9.75271b	mg/L	0.035552	0.4	336722	9.75271 mg/L	Y 371.029
V 311.837	9.89853b	mg/L	0.005858	0.1	472873	9.89853 mg/L	Y 371.029
Zn 202.548	9.33416b	mg/L	0.026477	0.3	74267.1	9.33416 mg/L	Y 371.029
Zn 206.200	9.38906b	mg/L	0.040131	0.4	24227.8	9.38906 mg/L	Y 371.029
Zn 213.857	9.71319b	mg/L	0.126086	1.3	153647	9.71319 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.00503	8059.08	43.083	0.5
Y 371.029	0.844925	139334	700.205	0.5

SEQ-IFA1 (Samp) **11/7/2011, 12:38:08 PM** **Rack 1, Tube 6**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.001376uv	mg/L	0.000199	14.5	281.205	0.001376 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000992	1.6	63.7054	uncal mg/L	Y 371.029
Al 237.312	97.4831	mg/L	0.090645	0.1	137912	97.4831 mg/L	Y 371.029
Al 257.509	99.4700	mg/L	0.182856	0.2	61419.6	99.4700 mg/L	Y 371.029
Al 308.215	99.0619	mg/L	0.094019	0.1	552330	99.0619 mg/L	Y 371.029
As 188.980	0.037553	mg/L	0.006856	18.3	6.96739	0.037553 mg/L	Y 371.029
As 193.696	-0.005108uv	mg/L	0.002752	53.9	1.76986	-0.005108 mg/L	Y 371.029
As 228.812	2.38542	mg/L	0.229716	9.6	8110.09	2.38542 mg/L	Y 371.029
B 182.577	0.042620	mg/L	0.009615	22.6	32.0397	0.042620 mg/L	Y 371.029
B 249.678	0.031320	mg/L	0.011000	35.1	517.021	0.031320 mg/L	Y 371.029
B 249.772	0.109912	mg/L	0.011241	10.2	3460.25	0.109912 mg/L	Y 371.029
Ba 233.527	-0.003636	mg/L	0.000099	2.7	343.705	-0.003636 mg/L	Y 371.029
Ba 455.403	-0.003907uv	mg/L	0.000023	0.6	4706.03	-0.003907 mg/L	Y 371.029
Ba 493.408	-0.004015	mg/L	0.000020	0.5	2990.53	-0.004015 mg/L	Y 371.029
Be 234.861	0.002155uv	mg/L	0.003129	145.2	-166.190	0.002155 mg/L	Y 371.029
Be 313.042	0.000087	mg/L	0.000010	11.1	4211.49	0.000087 mg/L	Y 371.029
Be 313.107	0.000280	mg/L	0.000007	2.5	38.8314	0.000280 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.123597	0.4	44126500	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.085897	0.4	41026960	- mg/L	Y 371.029
Ca 430.253	97.3343	mg/L	0.044774	0.0	387661	97.3343 mg/L	Y 371.029
Cd 214.439	8.94735	mg/L	0.088540	1.0	162078	8.94735 mg/L	Y 371.029
Cd 226.502	9.15853	mg/L	0.006976	0.1	285974	9.15853 mg/L	Y 371.029
Cd 228.802	9.43233	mg/L	0.067489	0.7	133335	9.43233 mg/L	Y 371.029
Co 228.615	0.010572	mg/L	0.000152	1.4	167.264	0.010572 mg/L	Y 371.029
Co 230.786	-0.000450	mg/L	0.000669	148.5	30.7004	-0.000450 mg/L	Y 371.029
Co 238.892	-0.005738uv	mg/L	0.003031	52.8	-435.817	-0.005738 mg/L	Y 371.029
Cr 205.560	9.22122	mg/L	0.017752	0.2	36178.7	9.22122 mg/L	Y 371.029
Cr 206.158	9.30860	mg/L	0.007683	0.1	15156.0	9.30860 mg/L	Y 371.029
Cr 267.716	9.26122	mg/L	0.008970	0.1	181391	9.26122 mg/L	Y 371.029
Cu 213.598	9.17118	mg/L	0.021173	0.2	30116.0	9.17118 mg/L	Y 371.029

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Cu 324.754	9.42801	mg/L	0.035157	0.4	354237	9.42801 mg/L	Y 371.029
Cu 327.395	9.44013	mg/L	0.034834	0.4	437444	9.44013 mg/L	Y 371.029
Fe 234.350	96.9131	mg/L	0.430249	0.4	740376	96.9131 mg/L	Y 371.029
Fe 238.204	92.9527	mg/L	0.226944	0.2	1559527	92.9527 mg/L	Y 371.029
Fe 259.940	93.3470	mg/L	0.308461	0.3	1338126	93.3470 mg/L	Y 371.029
Ga 287.423	-0.424431	mg/L	0.002720	0.6	988.998	-0.424431 mg/L	Y 371.029
Ga 294.363	-0.024125	mg/L	0.002058	8.5	175.407	-0.024125 mg/L	Y 371.029
Ga 417.204	-0.273843	mg/L	0.003208	1.2	3186.20	-0.273843 mg/L	Y 371.029
K 766.491	-0.047858	mg/L	0.000346	0.7	2061.40	-0.047858 mg/L	Y 371.029
K 769.897	-0.006795uv	mg/L	0.001040	15.3	9263.40	-0.006795 mg/L	Y 371.029
Li 610.365	0.009122	mg/L	0.000101	1.1	63.9271	0.009122 mg/L	Y 371.029
Li 670.783	-0.010181	mg/L	0.000018	0.2	57374.7	-0.010181 mg/L	Y 371.029
Mg 279.078	93.7836	mg/L	0.094782	0.1	131306	93.7836 mg/L	Y 371.029
Mg 280.270	62.6528	mg/L	0.465693	0.7	6400051	62.6528 mg/L	Y 371.029
Mg 285.213	88.8409	mg/L	0.134397	0.2	2823501	88.8409 mg/L	Y 371.029
Mn 257.610	8.90298	mg/L	0.037105	0.4	1289374	8.90298 mg/L	Y 371.029
Mn 259.372	8.96763	mg/L	0.040743	0.5	959302	8.96763 mg/L	Y 371.029
Mn 260.568	9.18893	mg/L	0.029008	0.3	177268	9.18893 mg/L	Y 371.029
Mo 202.032	9.76167	mg/L	0.085084	0.9	30344.7	9.76167 mg/L	Y 371.029
Mo 203.846	10.0477	mg/L	0.093191	0.9	12442.4	10.0477 mg/L	Y 371.029
Mo 204.598	9.76699	mg/L	0.076900	0.8	14424.5	9.76699 mg/L	Y 371.029
Na 568.821	95.0075	mg/L	0.084532	0.1	27629.9	95.0075 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.235165	0.3	31298974	- mg/L	Y 371.029
Na 589.592	92.3673	mg/L	0.222668	0.2	22084798	92.3673 mg/L	Y 371.029
Ni 216.555	8.46722	mg/L	0.019129	0.2	40785.0	8.46722 mg/L	Y 371.029
Ni 221.648	8.50457	mg/L	0.026390	0.3	16967.5	8.50457 mg/L	Y 371.029
Ni 231.604	8.47973	mg/L	0.012878	0.2	28114.4	8.47973 mg/L	Y 371.029
P 177.434	-0.017958uv	mg/L	0.021047	117.2	1.01617	-0.017958 mg/L	Y 371.029
P 213.618	-0.250489	mg/L	0.012002	4.8	22.2566	-0.250489 mg/L	Y 371.029
P 214.914	-0.217204	mg/L	0.014353	6.6	43.6195	-0.217204 mg/L	Y 371.029
Pb 220.353	-0.003428uv	mg/L	0.001038	30.3	3.48519	-0.003428 mg/L	Y 371.029
Pb 261.417	0.037863uv	mg/L	0.004470	11.8	9.68315	0.037863 mg/L	Y 371.029
Pb 405.781	-0.144801uv	mg/L	0.009247	6.4	81.5579	-0.144801 mg/L	Y 371.029
Sb 206.834	0.089250	mg/L	0.002222	2.5	128.409	0.089250 mg/L	Y 371.029
Sb 231.146	-0.223842uv	mg/L	0.006826	3.0	5.93075	-0.223842 mg/L	Y 371.029
Sb 259.804	-0.350265	mg/L	0.019664	5.6	38.7693	-0.350265 mg/L	Y 371.029
Se 196.026	0.002904	mg/L	0.004707	162.1	8.12861	0.002904 mg/L	Y 371.029
Se 203.985	1.59863	mg/L	0.011588	0.7	362.563	1.59863 mg/L	Y 371.029
Si 250.690	-0.029758	mg/L	0.013103	44.0	333.575	-0.029758 mg/L	Y 371.029
Si 251.611	-0.108427	mg/L	0.010297	9.5	434.202	-0.108427 mg/L	Y 371.029
Si 288.158	-0.005648	mg/L	0.009307	164.8	1983.16	-0.005648 mg/L	Y 371.029
Sn 189.927	-0.010692uv	mg/L	0.005887	55.1	2.30891	-0.010692 mg/L	Y 371.029
Sn 283.998	2.22839	mg/L	0.018800	0.8	11565.3	2.22839 mg/L	Y 371.029
Sr 216.596	-0.024327uv	mg/L	0.000298	1.2	2.95573	-0.024327 mg/L	Y 371.029
Sr 407.771	-0.001396	mg/L	0.000017	1.3	9056.06	-0.001396 mg/L	Y 371.029
Sr 421.552	-0.001821	mg/L	0.000013	0.7	5148.83	-0.001821 mg/L	Y 371.029
Ti 334.941	9.20403	mg/L	0.005138	0.1	1785935	9.20403 mg/L	Y 371.029
Ti 336.122	9.34150	mg/L	0.006463	0.1	772080	9.34150 mg/L	Y 371.029
Ti 337.280	9.43736	mg/L	0.017611	0.2	290225	9.43736 mg/L	Y 371.029
Tl 190.794	-0.043316	mg/L	0.003424	7.9	1.50605	-0.043316 mg/L	Y 371.029
Tl 190.807	0.089826	mg/L	0.004507	5.0	20.9004	0.089826 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Tl 351.923	0.006002	mg/L	0.004167	69.4	26.3821	0.006002 mg/L	Y 371.029
V 268.796	8.98227	mg/L	0.031008	0.3	81971.5	8.98227 mg/L	Y 371.029
V 292.401	9.33070	mg/L	0.067008	0.7	322894	9.33070 mg/L	Y 371.029
V 311.837	9.45205	mg/L	0.014105	0.1	452377	9.45205 mg/L	Y 371.029
Zn 202.548	9.08361	mg/L	0.014002	0.2	72311.1	9.08361 mg/L	Y 371.029
Zn 206.200	9.13406	mg/L	0.034188	0.4	23582.0	9.13406 mg/L	Y 371.029
Zn 213.857	9.47416	mg/L	0.118666	1.3	149209	9.47416 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.01444	8134.57	15.210	0.2
Y 371.029	0.851421	140405	563.594	0.4

SEQ-IFB1 (Samp) **11/7/2011, 12:42:20 PM** **Rack 1, Tube 7**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.104376	mg/L	0.000280	0.3	5008.41	0.104376 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002580	1.7	343.126	uncal mg/L	Y 371.029
Al 237.312	98.3027	mg/L	0.174178	0.2	139071	98.3027 mg/L	Y 371.029
Al 257.509	100.192	mg/L	0.235592	0.2	61865.0	100.192 mg/L	Y 371.029
Al 308.215	99.5705	mg/L	0.149973	0.2	555204	99.5705 mg/L	Y 371.029
As 188.980	0.541738	mg/L	0.005385	1.0	157.049	0.541738 mg/L	Y 371.029
As 193.696	0.441944	mg/L	0.008845	2.0	152.129	0.441944 mg/L	Y 371.029
As 228.812	10.4884	mg/L	0.331780	3.2	11336.1	10.4884 mg/L	Y 371.029
B 182.577	0.490903	mg/L	0.010285	2.1	231.209	0.490903 mg/L	Y 371.029
B 249.678	0.482735	mg/L	0.008893	1.8	3970.71	0.482735 mg/L	Y 371.029
B 249.772	0.536769	mg/L	0.006500	1.2	10792.8	0.536769 mg/L	Y 371.029
Ba 233.527	0.468838	mg/L	0.001242	0.3	16845.8	0.468838 mg/L	Y 371.029
Ba 455.403	0.492459	mg/L	0.000695	0.1	506475	0.492459 mg/L	Y 371.029
Ba 493.408	0.481932	mg/L	0.000624	0.1	285054	0.481932 mg/L	Y 371.029
Be 234.861	0.463112	mg/L	0.000653	0.1	48893.1	0.463112 mg/L	Y 371.029
Be 313.042	0.468635	mg/L	0.000973	0.2	764148	0.468635 mg/L	Y 371.029
Be 313.107	0.478318	mg/L	0.001087	0.2	361387	0.478318 mg/L	Y 371.029
Ca 393.366	-on	mg/L	0.240807	0.8	44037472	- mg/L	Y 371.029
Ca 396.847	-o	mg/L	0.186459	0.9	41047292	- mg/L	Y 371.029
Ca 430.253	100.669	mg/L	0.216070	0.2	400884	100.669 mg/L	Y 371.029
Cd 214.439	8.98176	mg/L	0.061843	0.7	162701	8.98176 mg/L	Y 371.029
Cd 226.502	9.18762	mg/L	0.007978	0.1	286879	9.18762 mg/L	Y 371.029
Cd 228.802	9.36785	mg/L	0.065716	0.7	132424	9.36785 mg/L	Y 371.029
Co 228.615	0.483418	mg/L	0.001275	0.3	4376.62	0.483418 mg/L	Y 371.029
Co 230.786	0.476527	mg/L	0.001003	0.2	2722.20	0.476527 mg/L	Y 371.029
Co 238.892	0.368707	mg/L	0.002134	0.6	1591.64	0.368707 mg/L	Y 371.029
Cr 205.560	9.41876	mg/L	0.069252	0.7	36949.7	9.41876 mg/L	Y 371.029
Cr 206.158	9.51259	mg/L	0.041556	0.4	15486.1	9.51259 mg/L	Y 371.029
Cr 267.716	9.51963	mg/L	0.015654	0.2	186425	9.51963 mg/L	Y 371.029
Cu 213.598	9.36869	mg/L	0.042971	0.5	30762.4	9.36869 mg/L	Y 371.029
Cu 324.754	9.74034	mg/L	0.034739	0.4	365930	9.74034 mg/L	Y 371.029
Cu 327.395	9.75821	mg/L	0.039267	0.4	452126	9.75821 mg/L	Y 371.029
Fe 234.350	94.5514	mg/L	0.363819	0.4	722566	94.5514 mg/L	Y 371.029
Fe 238.204	91.0388	mg/L	0.246987	0.3	1527736	91.0388 mg/L	Y 371.029

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Fe 259.940	91.5044	mg/L	0.286623	0.3	1311952	91.5044 mg/L	Y 371.029
Ga 287.423	0.069224	mg/L	0.001818	2.6	2091.94	0.069224 mg/L	Y 371.029
Ga 294.363	0.454223	mg/L	0.002712	0.6	3104.93	0.454223 mg/L	Y 371.029
Ga 417.204	0.239689	mg/L	0.002541	1.1	8035.34	0.239689 mg/L	Y 371.029
K 766.491	5.39748	mg/L	0.007906	0.1	344342	5.39748 mg/L	Y 371.029
K 769.897	5.50690	mg/L	0.004693	0.1	278204	5.50690 mg/L	Y 371.029
Li 610.365	1.01309	mg/L	0.000618	0.1	41112.7	1.01309 mg/L	Y 371.029
Li 670.783	0.982107	mg/L	0.001282	0.1	2924113	0.982107 mg/L	Y 371.029
Mg 279.078	96.3445	mg/L	0.176480	0.2	134877	96.3445 mg/L	Y 371.029
Mg 280.270	62.9442	mg/L	0.178583	0.3	6429863	62.9442 mg/L	Y 371.029
Mg 285.213	90.6856	mg/L	0.281919	0.3	2882127	90.6856 mg/L	Y 371.029
Mn 257.610	9.14179	mg/L	0.022335	0.2	1323224	9.14179 mg/L	Y 371.029
Mn 259.372	9.20389	mg/L	0.024701	0.3	984036	9.20389 mg/L	Y 371.029
Mn 260.568	9.46201	mg/L	0.006091	0.1	182508	9.46201 mg/L	Y 371.029
Mo 202.032	10.6485	mg/L	0.115795	1.1	33083.0	10.6485 mg/L	Y 371.029
Mo 203.846	10.9044	mg/L	0.103107	0.9	13495.7	10.9044 mg/L	Y 371.029
Mo 204.598	10.6239	mg/L	0.112641	1.1	15680.9	10.6239 mg/L	Y 371.029
Na 568.821	98.5251	mg/L	0.114476	0.1	28658.1	98.5251 mg/L	Y 371.029
Na 588.995	-o	mg/L	0.428453	0.6	31046806	- mg/L	Y 371.029
Na 589.592	94.6541	mg/L	0.137538	0.1	22627070	94.6541 mg/L	Y 371.029
Ni 216.555	9.17343	mg/L	0.011681	0.1	44145.6	9.17343 mg/L	Y 371.029
Ni 221.648	9.15044	mg/L	0.006103	0.1	18240.8	9.15044 mg/L	Y 371.029
Ni 231.604	9.11786	mg/L	0.044110	0.5	30204.8	9.11786 mg/L	Y 371.029
P 177.434	0.450980	mg/L	0.021449	4.8	19.3650	0.450980 mg/L	Y 371.029
P 213.618	0.184547	mg/L	0.010438	5.7	246.558	0.184547 mg/L	Y 371.029
P 214.914	0.255536	mg/L	0.013672	5.4	123.885	0.255536 mg/L	Y 371.029
Pb 220.353	0.910498	mg/L	0.004595	0.5	975.483	0.910498 mg/L	Y 371.029
Pb 261.417	0.450477	mg/L	0.015565	3.5	227.504	0.450477 mg/L	Y 371.029
Pb 405.781	0.844945	mg/L	0.003526	0.4	1492.24	0.844945 mg/L	Y 371.029
Sb 206.834	1.03510	mg/L	0.010925	1.1	704.384	1.03510 mg/L	Y 371.029
Sb 231.146	0.674475	mg/L	0.013169	2.0	455.423	0.674475 mg/L	Y 371.029
Sb 259.804	-0.318353	mg/L	0.015600	4.9	49.2465	-0.318353 mg/L	Y 371.029
Se 196.026	0.970031	mg/L	0.013324	1.4	238.931	0.970031 mg/L	Y 371.029
Se 203.985	2.78247	mg/L	0.030470	1.1	533.339	2.78247 mg/L	Y 371.029
Si 250.690	0.883034	mg/L	0.012298	1.4	1467.98	0.883034 mg/L	Y 371.029
Si 251.611	0.783482	mg/L	0.017072	2.2	1764.23	0.783482 mg/L	Y 371.029
Si 288.158	0.882550	mg/L	0.013202	1.5	8194.14	0.882550 mg/L	Y 371.029
Sn 189.927	0.916697	mg/L	0.003355	0.4	198.396	0.916697 mg/L	Y 371.029
Sn 283.998	3.27370	mg/L	0.019542	0.6	13093.9	3.27370 mg/L	Y 371.029
Sr 216.596	0.421168	mg/L	0.000483	0.1	3869.87	0.421168 mg/L	Y 371.029
Sr 407.771	0.471808	mg/L	0.003735	0.8	1267456	0.471808 mg/L	Y 371.029
Sr 421.552	0.480539	mg/L	0.003643	0.8	776583	0.480539 mg/L	Y 371.029
Ti 334.941	9.52729	mg/L	0.021593	0.2	1848536	9.52729 mg/L	Y 371.029
Ti 336.122	9.63178	mg/L	0.021461	0.2	796033	9.63178 mg/L	Y 371.029
Ti 337.280	9.73480	mg/L	0.007048	0.1	299360	9.73480 mg/L	Y 371.029
Tl 190.794	0.375382	mg/L	0.007860	2.1	129.381	0.375382 mg/L	Y 371.029
Tl 190.807	0.502632	mg/L	0.004091	0.8	91.5004	0.502632 mg/L	Y 371.029
Tl 351.923	0.445506	mg/L	0.008061	1.8	522.551	0.445506 mg/L	Y 371.029
V 268.796	9.16680	mg/L	0.022358	0.2	84211.0	9.16680 mg/L	Y 371.029
V 292.401	9.67091	mg/L	0.017132	0.2	334619	9.67091 mg/L	Y 371.029
V 311.837	9.73671	mg/L	0.007572	0.1	465954	9.73671 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 202.548	9.27112	mg/L	0.026075	0.3	73795.3	9.27112 mg/L	Y 371.029
Zn 206.200	9.29964	mg/L	0.034509	0.4	24007.6	9.29964 mg/L	Y 371.029
Zn 213.857	9.76070	mg/L	0.057343	0.6	153710	9.76070 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.02360	8208.01	29.356	0.4
Y 371.029	0.862882	142295	567.179	0.4

SEQ-CCV1 (Samp) **11/7/2011, 12:46:33 PM** **Rack 1, Tube 8**
M_200.7_T_WW **CCV**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.098818	mg/L	0.000259	0.3	4872.87	0.098818 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000392	0.4	291.938	uncal mg/L	Y 371.029
Al 237.312	2.54027	mg/L	0.002734	0.1	3676.44	2.54027 mg/L	Y 371.029
Al 257.509	2.53084	mg/L	0.023386	0.9	1586.48	2.53084 mg/L	Y 371.029
Al 308.215	2.52002	mg/L	0.009017	0.4	14775.3	2.52002 mg/L	Y 371.029
As 188.980	0.514176	mg/L	0.006427	1.2	157.224	0.514176 mg/L	Y 371.029
As 193.696	0.521254	mg/L	0.001081	0.2	177.141	0.521254 mg/L	Y 371.029
As 228.812	0.500827	mg/L	0.017431	3.5	401.543	0.500827 mg/L	Y 371.029
B 182.577	0.520037	mg/L	0.006638	1.3	237.431	0.520037 mg/L	Y 371.029
B 249.678	0.521804	mg/L	0.007780	1.5	4071.79	0.521804 mg/L	Y 371.029
B 249.772	0.515989	mg/L	0.005026	1.0	9088.01	0.515989 mg/L	Y 371.029
Ba 233.527	0.506029	mg/L	0.001099	0.2	17834.7	0.506029 mg/L	Y 371.029
Ba 455.403	0.501098	mg/L	0.000393	0.1	511352	0.501098 mg/L	Y 371.029
Ba 493.408	0.508838	mg/L	0.001408	0.3	298062	0.508838 mg/L	Y 371.029
Be 234.861	0.504648	mg/L	0.004020	0.8	53695.8	0.504648 mg/L	Y 371.029
Be 313.042	0.504782	mg/L	0.002935	0.6	821286	0.504782 mg/L	Y 371.029
Be 313.107	0.512054	mg/L	0.002993	0.6	387094	0.512054 mg/L	Y 371.029
Ca 393.366	4.86061n	mg/L	0.006536	0.1	6948492	4.86061 mg/L	Y 371.029
Ca 396.847	5.03145	mg/L	0.006813	0.1	9460899	5.03145 mg/L	Y 371.029
Ca 430.253	4.88897	mg/L	0.017188	0.4	20352.1	4.88897 mg/L	Y 371.029
Cd 214.439	0.249830	mg/L	0.001006	0.4	4529.14	0.249830 mg/L	Y 371.029
Cd 226.502	0.250923	mg/L	0.000938	0.4	7852.42	0.250923 mg/L	Y 371.029
Cd 228.802	0.255737	mg/L	0.000678	0.3	3630.37	0.255737 mg/L	Y 371.029
Co 228.615	0.510514	mg/L	0.002452	0.5	4551.59	0.510514 mg/L	Y 371.029
Co 230.786	0.515733	mg/L	0.003402	0.7	2920.64	0.515733 mg/L	Y 371.029
Co 238.892	0.515624	mg/L	0.004033	0.8	2776.77	0.515624 mg/L	Y 371.029
Cr 205.560	0.503240	mg/L	0.005979	1.2	1969.02	0.503240 mg/L	Y 371.029
Cr 206.158	0.508090	mg/L	0.002698	0.5	826.591	0.508090 mg/L	Y 371.029
Cr 267.716	0.507137	mg/L	0.003375	0.7	9916.69	0.507137 mg/L	Y 371.029
Cu 213.598	0.518415	mg/L	0.004013	0.8	1700.14	0.518415 mg/L	Y 371.029
Cu 324.754	0.500698	mg/L	0.001124	0.2	19299.6	0.500698 mg/L	Y 371.029
Cu 327.395	0.501433	mg/L	0.001166	0.2	23193.8	0.501433 mg/L	Y 371.029
Fe 234.350	0.525923	mg/L	0.003793	0.7	4251.49	0.525923 mg/L	Y 371.029
Fe 238.204	0.520282	mg/L	0.001372	0.3	9031.59	0.520282 mg/L	Y 371.029
Fe 259.940	0.513750	mg/L	0.005072	1.0	7611.69	0.513750 mg/L	Y 371.029
Ga 287.423	0.507814	mg/L	0.006976	1.4	1203.13	0.507814 mg/L	Y 371.029
Ga 294.363	0.507953	mg/L	0.000091	0.0	3130.62	0.507953 mg/L	Y 371.029
Ga 417.204	0.516304	mg/L	0.001879	0.4	5055.87	0.516304 mg/L	Y 371.029

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
K 766.491	5.07229	mg/L	0.011845	0.2	320903	5.07229 mg/L	Y 371.029
K 769.897	5.13001	mg/L	0.011302	0.2	259662	5.13001 mg/L	Y 371.029
Li 610.365	1.11021	mg/L	0.004578	0.4	45083.8	1.11021 mg/L	Y 371.029
Li 670.783	1.03169	mg/L	0.003778	0.4	3037798	1.03169 mg/L	Y 371.029
Mg 279.078	4.99514	mg/L	0.017444	0.3	6998.51	4.99514 mg/L	Y 371.029
Mg 280.270	5.03720	mg/L	0.018258	0.4	514915	5.03720 mg/L	Y 371.029
Mg 285.213	5.24299	mg/L	0.031825	0.6	166737	5.24299 mg/L	Y 371.029
Mn 257.610	0.513528	mg/L	0.001201	0.2	73155.0	0.513528 mg/L	Y 371.029
Mn 259.372	0.508785	mg/L	0.000737	0.1	53864.0	0.508785 mg/L	Y 371.029
Mn 260.568	0.510388	mg/L	0.005353	1.0	9813.23	0.510388 mg/L	Y 371.029
Mo 202.032	1.18190	mg/L	0.023328	2.0	3661.90	1.18190 mg/L	Y 371.029
Mo 203.846	1.21314	mg/L	0.032873	2.7	1495.96	1.21314 mg/L	Y 371.029
Mo 204.598	1.17983	mg/L	0.035790	3.0	1731.74	1.17983 mg/L	Y 371.029
Na 568.821	4.88909	mg/L	0.057942	1.2	1286.44	4.88909 mg/L	Y 371.029
Na 588.995	5.52203	mg/L	0.012045	0.2	2777365	5.52203 mg/L	Y 371.029
Na 589.592	5.14451	mg/L	0.010163	0.2	1402704	5.14451 mg/L	Y 371.029
Ni 216.555	1.01097	mg/L	0.004428	0.4	4819.33	1.01097 mg/L	Y 371.029
Ni 221.648	1.00797	mg/L	0.004125	0.4	1995.29	1.00797 mg/L	Y 371.029
Ni 231.604	1.00885	mg/L	0.007521	0.7	3320.06	1.00885 mg/L	Y 371.029
P 177.434	0.510329	mg/L	0.017239	3.4	20.3325	0.510329 mg/L	Y 371.029
P 213.618	0.538727	mg/L	0.007514	1.4	282.690	0.538727 mg/L	Y 371.029
P 214.914	0.492708	mg/L	0.012540	2.5	86.8085	0.492708 mg/L	Y 371.029
Pb 220.353	1.00715	mg/L	0.008263	0.8	1074.60	1.00715 mg/L	Y 371.029
Pb 261.417	1.00238	mg/L	0.010554	1.1	539.813	1.00238 mg/L	Y 371.029
Pb 405.781	0.995195	mg/L	0.005086	0.5	1533.46	0.995195 mg/L	Y 371.029
Sb 206.834	1.05860	mg/L	0.002136	0.2	650.896	1.05860 mg/L	Y 371.029
Sb 231.146	1.06011	mg/L	0.011503	1.1	538.795	1.06011 mg/L	Y 371.029
Sb 259.804	1.04812	mg/L	0.020079	1.9	457.757	1.04812 mg/L	Y 371.029
Se 196.026	1.05307	mg/L	0.010571	1.0	255.241	1.05307 mg/L	Y 371.029
Se 203.985	1.05805	mg/L	0.007746	0.7	158.911	1.05805 mg/L	Y 371.029
Si 250.690	1.05662	mg/L	0.004920	0.5	1455.77	1.05662 mg/L	Y 371.029
Si 251.611	1.04830	mg/L	0.007450	0.7	1733.81	1.04830 mg/L	Y 371.029
Si 288.158	1.03667	mg/L	0.004668	0.5	8776.97	1.03667 mg/L	Y 371.029
Sn 189.927	1.01972	mg/L	0.006522	0.6	217.993	1.01972 mg/L	Y 371.029
Sn 283.998	1.11527	mg/L	0.005681	0.5	1914.06	1.11527 mg/L	Y 371.029
Sr 216.596	0.499095	mg/L	0.001977	0.4	4353.00	0.499095 mg/L	Y 371.029
Sr 407.771	0.496719	mg/L	0.000652	0.1	1326871	0.496719 mg/L	Y 371.029
Sr 421.552	0.503204	mg/L	0.001738	0.3	808209	0.503204 mg/L	Y 371.029
Ti 334.941	0.518596	mg/L	0.005398	1.0	100609	0.518596 mg/L	Y 371.029
Ti 336.122	0.529434	mg/L	0.003061	0.6	43725.5	0.529434 mg/L	Y 371.029
Ti 337.280	0.517423	mg/L	0.003936	0.8	15897.2	0.517423 mg/L	Y 371.029
Tl 190.794	0.504449	mg/L	0.000695	0.1	154.913	0.504449 mg/L	Y 371.029
Tl 190.807	0.508581	mg/L	0.010276	2.0	87.3451	0.508581 mg/L	Y 371.029
Tl 351.923	0.515655	mg/L	0.005526	1.1	592.539	0.515655 mg/L	Y 371.029
V 268.796	0.530771	mg/L	0.005512	1.0	5384.31	0.530771 mg/L	Y 371.029
V 292.401	0.504697	mg/L	0.003161	0.6	17447.5	0.504697 mg/L	Y 371.029
V 311.837	0.510160	mg/L	0.001184	0.2	24341.2	0.510160 mg/L	Y 371.029
Zn 202.548	0.513715	mg/L	0.001941	0.4	4588.52	0.513715 mg/L	Y 371.029
Zn 206.200	0.512141	mg/L	0.003917	0.8	1486.20	0.512141 mg/L	Y 371.029
Zn 213.857	0.510022	mg/L	0.001423	0.3	9078.93	0.510022 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.08197	8676.06	32.337	0.4
Y 371.029	0.889950	146759	521.754	0.4

SEQ-CCB1 (Samp) **11/7/2011, 12:58:08 PM** **Rack 1, Tube 9**
M_200.7_T_WW **CCB**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000581	mg/L	0.000146	25.0	366.925	0.000581 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001085	154.5	2.62854	uncal mg/L	Y 371.029
Al 237.312	-0.012566uv	mg/L	0.003239	25.8	63.7939	-0.012566 mg/L	Y 371.029
Al 257.509	-0.009996uv	mg/L	0.007815	78.2	19.1962	-0.009996 mg/L	Y 371.029
Al 308.215	-0.001969uv	mg/L	0.000847	43.0	690.792	-0.001969 mg/L	Y 371.029
As 188.980	0.000717uv	mg/L	0.002974	415.0	4.60294	0.000717 mg/L	Y 371.029
As 193.696	0.002391	mg/L	0.001379	57.7	2.52965	0.002391 mg/L	Y 371.029
As 228.812	0.003789	mg/L	0.001881	49.7	7.84787	0.003789 mg/L	Y 371.029
B 182.577	0.005134	mg/L	0.001858	36.2	8.47709	0.005134 mg/L	Y 371.029
B 249.678	0.003536	mg/L	0.000437	12.4	101.557	0.003536 mg/L	Y 371.029
B 249.772	0.002913	mg/L	0.000259	8.9	228.404	0.002913 mg/L	Y 371.029
Ba 233.527	0.000543	mg/L	0.000240	44.2	172.455	0.000543 mg/L	Y 371.029
Ba 455.403	-0.000086uv	mg/L	0.000004	4.7	4621.41	-0.000086 mg/L	Y 371.029
Ba 493.408	0.000041	mg/L	0.000018	43.5	2672.00	0.000041 mg/L	Y 371.029
Be 234.861	0.000010uv	mg/L	0.000017	167.5	-0.258731	0.000010 mg/L	Y 371.029
Be 313.042	-0.000014uv	mg/L	0.000013	92.6	2585.87	-0.000014 mg/L	Y 371.029
Be 313.107	0.000003uv	mg/L	0.000008	265.5	29.8982	0.000003 mg/L	Y 371.029
Ca 393.366	-0.001933nuv	mg/L	0.000153	7.9	35279.9	-0.001933 mg/L	Y 371.029
Ca 396.847	0.000167	mg/L	0.000056	33.8	46289.3	0.000167 mg/L	Y 371.029
Ca 430.253	-0.025572uv	mg/L	0.000396	1.5	837.152	-0.025572 mg/L	Y 371.029
Cd 214.439	0.000228	mg/L	0.000061	26.9	7.80577	0.000228 mg/L	Y 371.029
Cd 226.502	0.000030uv	mg/L	0.000067	223.0	21.0896	0.000030 mg/L	Y 371.029
Cd 228.802	0.000453	mg/L	0.000082	18.2	21.3786	0.000453 mg/L	Y 371.029
Co 228.615	0.000223	mg/L	0.000106	47.3	3.00607	0.000223 mg/L	Y 371.029
Co 230.786	-0.000108uv	mg/L	0.000199	184.4	5.50030	-0.000108 mg/L	Y 371.029
Co 238.892	-0.000030uv	mg/L	0.000286	953.2	3.10089	-0.000030 mg/L	Y 371.029
Cr 205.560	0.000496	mg/L	0.000416	83.9	3.05155	0.000496 mg/L	Y 371.029
Cr 206.158	-0.000158uv	mg/L	0.000574	362.5	2.08850	-0.000158 mg/L	Y 371.029
Cr 267.716	0.000084uv	mg/L	0.000190	227.7	18.6833	0.000084 mg/L	Y 371.029
Cu 213.598	0.000115uv	mg/L	0.000424	369.8	1.68574	0.000115 mg/L	Y 371.029
Cu 324.754	-0.000851uv	mg/L	0.000089	10.4	510.157	-0.000851 mg/L	Y 371.029
Cu 327.395	0.000239	mg/L	0.000185	77.6	18.2554	0.000239 mg/L	Y 371.029
Fe 234.350	0.000679	mg/L	0.000686	101.1	33.1574	0.000679 mg/L	Y 371.029
Fe 238.204	0.000669	mg/L	0.000210	31.4	44.5950	0.000669 mg/L	Y 371.029
Fe 259.940	0.001050	mg/L	0.000429	40.8	58.1278	0.001050 mg/L	Y 371.029
Ga 287.423	-0.000088uv	mg/L	0.003536	4023.9	12.4358	-0.000088 mg/L	Y 371.029
Ga 294.363	-0.000236uv	mg/L	0.000657	278.7	10.4862	-0.000236 mg/L	Y 371.029
Ga 417.204	0.000601uv	mg/L	0.001791	297.8	55.4070	0.000601 mg/L	Y 371.029
K 766.491	-0.002845uv	mg/L	0.000195	6.9	1805.11	-0.002845 mg/L	Y 371.029
K 769.897	-0.005967uv	mg/L	0.001679	28.1	9132.89	-0.005967 mg/L	Y 371.029
Li 610.365	0.007135	mg/L	0.000090	1.3	-17.2949	0.007135 mg/L	Y 371.029
Li 670.783	-0.000246uv	mg/L	0.000035	14.0	55737.1	-0.000246 mg/L	Y 371.029
Mg 279.078	0.003466	mg/L	0.001279	36.9	12.3471	0.003466 mg/L	Y 371.029

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mg 280.270	-0.001126uv	mg/L	0.000019	1.7	362.930	-0.001126 mg/L	Y 371.029
Mg 285.213	-0.000605uv	mg/L	0.000082	13.6	98.1521	-0.000605 mg/L	Y 371.029
Mn 257.610	-0.000127uv	mg/L	0.000021	16.6	0.849993	-0.000127 mg/L	Y 371.029
Mn 259.372	-0.000025	mg/L	0.000046	186.1	39.3381	-0.000025 mg/L	Y 371.029
Mn 260.568	0.000113	mg/L	0.000084	74.2	3.86727	0.000113 mg/L	Y 371.029
Mo 202.032	0.012961	mg/L	0.002954	22.8	52.6400	0.012961 mg/L	Y 371.029
Mo 203.846	0.012535	mg/L	0.002403	19.2	20.1090	0.012535 mg/L	Y 371.029
Mo 204.598	0.013150	mg/L	0.003134	23.8	21.2574	0.013150 mg/L	Y 371.029
Na 568.821	0.860157	mg/L	0.036638	4.3	101.099	0.860157 mg/L	Y 371.029
Na 588.995	-0.267091uv	mg/L	0.000436	0.2	144818	-0.267091 mg/L	Y 371.029
Na 589.592	-0.531483uv	mg/L	0.000582	0.1	57093.8	-0.531483 mg/L	Y 371.029
Ni 216.555	0.002042	mg/L	0.000366	17.9	3.12011	0.002042 mg/L	Y 371.029
Ni 221.648	0.000980	mg/L	0.000143	14.6	3.87626	0.000980 mg/L	Y 371.029
Ni 231.604	0.000763	mg/L	0.000720	94.3	7.33785	0.000763 mg/L	Y 371.029
P 177.434	0.007675uv	mg/L	0.014179	184.7	0.607793	0.007675 mg/L	Y 371.029
P 213.618	0.001077	mg/L	0.001522	141.4	1.33447	0.001077 mg/L	Y 371.029
P 214.914	0.003784uv	mg/L	0.004714	124.6	1.19027	0.003784 mg/L	Y 371.029
Pb 220.353	0.001014uv	mg/L	0.001672	164.9	4.45968	0.001014 mg/L	Y 371.029
Pb 261.417	0.000727uv	mg/L	0.004718	648.7	11.7222	0.000727 mg/L	Y 371.029
Pb 405.781	0.001801uv	mg/L	0.006475	359.4	113.068	0.001801 mg/L	Y 371.029
Sb 206.834	0.008555	mg/L	0.000411	4.8	9.70648	0.008555 mg/L	Y 371.029
Sb 231.146	0.000646uv	mg/L	0.002514	389.2	6.55437	0.000646 mg/L	Y 371.029
Sb 259.804	-0.001043uv	mg/L	0.013571	1300.9	8.25727	-0.001043 mg/L	Y 371.029
Se 196.026	0.009663	mg/L	0.005012	51.9	6.11022	0.009663 mg/L	Y 371.029
Se 203.985	0.005292uv	mg/L	0.004628	87.5	2.32945	0.005292 mg/L	Y 371.029
Si 250.690	0.006099	mg/L	0.000612	10.0	145.595	0.006099 mg/L	Y 371.029
Si 251.611	0.005125	mg/L	0.000473	9.2	169.486	0.005125 mg/L	Y 371.029
Si 288.158	-0.001215uv	mg/L	0.001049	86.3	1512.92	-0.001215 mg/L	Y 371.029
Sn 189.927	-0.000769uv	mg/L	0.001228	159.7	2.17470	-0.000769 mg/L	Y 371.029
Sn 283.998	-0.003042uv	mg/L	0.000704	23.1	8.56748	-0.003042 mg/L	Y 371.029
Sr 216.596	0.000498	mg/L	0.000344	69.2	18.8155	0.000498 mg/L	Y 371.029
Sr 407.771	-0.000040uv	mg/L	0.000005	11.5	5653.90	-0.000040 mg/L	Y 371.029
Sr 421.552	-0.000018uv	mg/L	0.000001	5.5	3291.97	-0.000018 mg/L	Y 371.029
Ti 334.941	0.001249	mg/L	0.000452	36.2	339.177	0.001249 mg/L	Y 371.029
Ti 336.122	0.001038	mg/L	0.000501	48.2	94.5379	0.001038 mg/L	Y 371.029
Ti 337.280	0.001180	mg/L	0.000524	44.4	33.1715	0.001180 mg/L	Y 371.029
Tl 190.794	0.008025	mg/L	0.000771	9.6	2.92584	0.008025 mg/L	Y 371.029
Tl 190.807	0.007310	mg/L	0.003294	45.1	1.60536	0.007310 mg/L	Y 371.029
Tl 351.923	-0.003078uv	mg/L	0.002389	77.6	7.00318	-0.003078 mg/L	Y 371.029
V 268.796	0.001658	mg/L	0.000639	38.5	44.9925	0.001658 mg/L	Y 371.029
V 292.401	0.000093uv	mg/L	0.000195	208.5	26.7879	0.000093 mg/L	Y 371.029
V 311.837	0.000876	mg/L	0.000141	16.1	9.57163	0.000876 mg/L	Y 371.029
Zn 202.548	0.001235	mg/L	0.000155	12.5	542.972	0.001235 mg/L	Y 371.029
Zn 206.200	0.001698	mg/L	0.000147	8.7	179.148	0.001698 mg/L	Y 371.029
Zn 213.857	0.000221uv	mg/L	0.000629	284.5	1070.99	0.000221 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.06610	8548.84	53.541	0.6
Y 371.029	0.877066	144634	762.611	0.5

111107A. All Data Report 11/8/2011, 12:19:46

11J1391-10 (Samp) **11/7/2011, 1:01:10 PM** **Rack 1, Tube 10**

M_200.7_T_WW **SAMP**

Weight: 1 **Volume: 1** **Dilution: 500**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000421	mg/L	0.000142	33.8	356.368	0.210313 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.002197	163.0	5.92710	uncal mg/L	Y 371.029
Al 237.312	-0.020575uv	mg/L	0.001046	5.1	50.4481	-10.2873 mg/L	Y 371.029
Al 257.509	-0.011658uv	mg/L	0.003243	27.8	20.9369	-5.82919 mg/L	Y 371.029
Al 308.215	0.010754uv	mg/L	0.001376	12.8	695.735	5.37713 mg/L	Y 371.029
As 188.980	0.002298uv	mg/L	0.004629	201.5	4.79902	1.14891 mg/L	Y 371.029
As 193.696	0.004699	mg/L	0.003424	72.9	2.99243	2.34939 mg/L	Y 371.029
As 228.812	0.000654uv	mg/L	0.010309	1575.1	5.56845	0.327238 mg/L	Y 371.029
B 182.577	0.002159	mg/L	0.000465	21.6	7.63684	1.07956 mg/L	Y 371.029
B 249.678	0.000523	mg/L	0.000636	121.6	85.7745	0.261564 mg/L	Y 371.029
B 249.772	0.004236	mg/L	0.000158	3.7	310.942	2.11782 mg/L	Y 371.029
Ba 233.527	0.000622	mg/L	0.000106	17.0	177.815	0.310904 mg/L	Y 371.029
Ba 455.403	0.000126	mg/L	0.000017	13.2	4841.31	0.062901 mg/L	Y 371.029
Ba 493.408	0.000196	mg/L	0.000029	14.9	2799.67	0.098206 mg/L	Y 371.029
Be 234.861	0.000246	mg/L	0.000009	3.7	4.34570	0.122996 mg/L	Y 371.029
Be 313.042	-0.000004uv	mg/L	0.000002	41.6	2569.47	-0.001863 mg/L	Y 371.029
Be 313.107	0.000026	mg/L	0.000009	33.6	40.7935	0.012864 mg/L	Y 371.029
Ca 393.366	0.989253n	mg/L	0.000739	0.1	1450913	494.627 mg/L	Y 371.029
Ca 396.847	0.996271	mg/L	0.000396	0.0	1916911	498.136 mg/L	Y 371.029
Ca 430.253	0.907350	mg/L	0.000663	0.1	4637.20	453.675 mg/L	Y 371.029
Cd 214.439	0.000397	mg/L	0.000121	30.4	13.5552	0.198535 mg/L	Y 371.029
Cd 226.502	0.000475	mg/L	0.000101	21.3	53.5599	0.237604 mg/L	Y 371.029
Cd 228.802	0.000402	mg/L	0.000090	22.3	22.5617	0.201106 mg/L	Y 371.029
Co 228.615	-0.000586	mg/L	0.000175	29.9	11.0189	-0.292862 mg/L	Y 371.029
Co 230.786	-0.001058	mg/L	0.000224	21.2	12.8516	-0.528976 mg/L	Y 371.029
Co 238.892	0.004532uv	mg/L	0.000393	8.7	2.34145	2.26617 mg/L	Y 371.029
Cr 205.560	-0.000775	mg/L	0.000135	17.4	2.19556	-0.387601 mg/L	Y 371.029
Cr 206.158	-0.000932	mg/L	0.000965	103.6	8.92282	-0.465843 mg/L	Y 371.029
Cr 267.716	-0.000632	mg/L	0.000029	4.6	20.2738	-0.316240 mg/L	Y 371.029
Cu 213.598	-0.000737	mg/L	0.000766	103.9	7.51459	-0.368685 mg/L	Y 371.029
Cu 324.754	0.000040uv	mg/L	0.000104	257.6	502.064	0.020166 mg/L	Y 371.029
Cu 327.395	-0.000652	mg/L	0.000149	22.8	23.4953	-0.326186 mg/L	Y 371.029
Fe 234.350	4.91857	mg/L	0.047236	1.0	37452.7	2459.28 mg/L	Y 371.029
Fe 238.204	4.88998	mg/L	0.075703	1.5	81819.6	2444.99 mg/L	Y 371.029
Fe 259.940	4.90963	mg/L	0.059877	1.2	70223.0	2454.81 mg/L	Y 371.029
Ga 287.423	-0.020488	mg/L	0.001133	5.5	45.0990	-10.2440 mg/L	Y 371.029
Ga 294.363	-0.001212uv	mg/L	0.000491	40.5	11.5102	-0.606180 mg/L	Y 371.029
Ga 417.204	-0.000878	mg/L	0.000452	51.5	57.7598	-0.438826 mg/L	Y 371.029
K 766.491	0.024149	mg/L	0.000473	2.0	3642.68	12.0744 mg/L	Y 371.029
K 769.897	0.024207	mg/L	0.001428	5.9	10550.1	12.1035 mg/L	Y 371.029
Li 610.365	0.007712	mg/L	0.000129	1.7	6.27605	3.85575 mg/L	Y 371.029
Li 670.783	0.000317	mg/L	0.000053	16.6	58224.0	0.158502 mg/L	Y 371.029
Mg 279.078	1.05166	mg/L	0.002855	0.3	1480.33	525.832 mg/L	Y 371.029
Mg 280.270	1.04685	mg/L	0.013212	1.3	107582	523.424 mg/L	Y 371.029
Mg 285.213	1.06068	mg/L	0.004706	0.4	33883.8	530.338 mg/L	Y 371.029
Mn 257.610	0.170734	mg/L	0.000784	0.5	24027.5	85.3671 mg/L	Y 371.029
Mn 259.372	0.166915	mg/L	0.001047	0.6	18168.7	83.4577 mg/L	Y 371.029
Mn 260.568	0.170055	mg/L	0.000283	0.2	3267.90	85.0277 mg/L	Y 371.029

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Mo 202.032	0.012168	mg/L	0.002522	20.7	45.1187	6.08411 mg/L	Y 371.029
Mo 203.846	0.012972	mg/L	0.001985	15.3	18.7619	6.48578 mg/L	Y 371.029
Mo 204.598	0.011542	mg/L	0.001771	15.3	16.5744	5.77122 mg/L	Y 371.029
Na 568.821	1.10490	mg/L	0.051841	4.7	193.174	552.451 mg/L	Y 371.029
Na 588.995	0.229945	mg/L	0.000605	0.3	372432	114.972 mg/L	Y 371.029
Na 589.592	-0.046557uv	mg/L	0.000649	1.4	174161	-23.2783 mg/L	Y 371.029
Ni 216.555	-0.000831	mg/L	0.000189	22.8	7.66948	-0.415703 mg/L	Y 371.029
Ni 221.648	-0.002999	mg/L	0.000457	15.2	3.82024	-1.49954 mg/L	Y 371.029
Ni 231.604	-0.001819	mg/L	0.000440	24.2	10.9398	-0.909501 mg/L	Y 371.029
P 177.434	0.001832uv	mg/L	0.001975	107.8	0.371427	0.916211 mg/L	Y 371.029
P 213.618	-0.009096uv	mg/L	0.000562	6.2	-1.49688	-4.54783 mg/L	Y 371.029
P 214.914	0.008175	mg/L	0.008071	98.7	2.03478	4.08738 mg/L	Y 371.029
Pb 220.353	0.000469	mg/L	0.000915	195.1	4.50153	0.234552 mg/L	Y 371.029
Pb 261.417	-0.008798uv	mg/L	0.011288	128.3	5.94083	-4.39923 mg/L	Y 371.029
Pb 405.781	-0.003795uv	mg/L	0.006625	174.6	105.009	-1.89730 mg/L	Y 371.029
Sb 206.834	0.003715	mg/L	0.001565	42.1	8.66977	1.85735 mg/L	Y 371.029
Sb 231.146	0.000990uv	mg/L	0.002004	202.5	5.18289	0.494794 mg/L	Y 371.029
Sb 259.804	-0.016108uv	mg/L	0.018637	115.7	9.91625	-8.05383 mg/L	Y 371.029
Se 196.026	0.005932	mg/L	0.003941	66.4	5.04989	2.96586 mg/L	Y 371.029
Se 203.985	0.005607uv	mg/L	0.013088	233.4	2.12747	2.80350 mg/L	Y 371.029
Si 250.690	0.044557	mg/L	0.005046	11.3	195.795	22.2786 mg/L	Y 371.029
Si 251.611	0.042338	mg/L	0.000529	1.3	230.120	21.1691 mg/L	Y 371.029
Si 288.158	0.041343	mg/L	0.000414	1.0	1783.60	20.6715 mg/L	Y 371.029
Sn 189.927	-0.003554uv	mg/L	0.002456	69.1	1.53542	-1.77681 mg/L	Y 371.029
Sn 283.998	-0.007038uv	mg/L	0.003303	46.9	9.49309	-3.51905 mg/L	Y 371.029
Sr 216.596	0.003547	mg/L	0.000290	8.2	54.8865	1.77343 mg/L	Y 371.029
Sr 407.771	0.004052	mg/L	0.000004	0.1	16615.8	2.02602 mg/L	Y 371.029
Sr 421.552	0.004111	mg/L	0.000015	0.4	9960.99	2.05575 mg/L	Y 371.029
Ti 334.941	-0.000052	mg/L	0.000418	804.7	277.731	-0.025961 mg/L	Y 371.029
Ti 336.122	0.000028	mg/L	0.000273	963.6	86.6691	0.014187 mg/L	Y 371.029
Ti 337.280	0.000471	mg/L	0.000227	48.1	34.0855	0.235480 mg/L	Y 371.029
Tl 190.794	0.003807	mg/L	0.001326	34.8	2.39342	1.90353 mg/L	Y 371.029
Tl 190.807	0.003132	mg/L	0.003033	96.8	1.04901	1.56607 mg/L	Y 371.029
Tl 351.923	0.003948uv	mg/L	0.011004	278.7	16.1011	1.97405 mg/L	Y 371.029
V 268.796	0.001047	mg/L	0.000397	37.9	42.7858	0.523729 mg/L	Y 371.029
V 292.401	-0.001338uv	mg/L	0.000035	2.6	17.2541	-0.669181 mg/L	Y 371.029
V 311.837	0.000234	mg/L	0.000052	22.4	4.26544	0.117010 mg/L	Y 371.029
Zn 202.548	5.29161	mg/L	0.058945	1.1	41723.8	2645.80 mg/L	Y 371.029
Zn 206.200	5.31562	mg/L	0.019753	0.4	13714.3	2657.81 mg/L	Y 371.029
Zn 213.857	5.29135	mg/L	0.047796	0.9	82733.9	2645.67 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.07577	8626.40	29.434	0.3
Y 371.029	0.882654	145556	591.277	0.4

11J1391-12 (Samp)	**11/7/2011, 1:05:16 PM**	**Rack 1, Tube 11**
	M_200.7_T_WW	**SAMP**
Weight: 1	**Volume: 1**	**Dilution: 10**

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000260	mg/L	0.000059	22.9	362.028	0.002597 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001106	144.4	4.35077	uncal mg/L	Y 371.029
Al 237.312	-0.014187uv	mg/L	0.001888	13.3	60.6907	-0.141866 mg/L	Y 371.029
Al 257.509	-0.004007uv	mg/L	0.003999	99.8	26.2034	-0.040071 mg/L	Y 371.029
Al 308.215	0.018046	mg/L	0.000926	5.1	717.359	0.180460 mg/L	Y 371.029
As 188.980	0.005469	mg/L	0.000777	14.2	5.62731	0.054695 mg/L	Y 371.029
As 193.696	0.005610	mg/L	0.001050	18.7	3.19713	0.056104 mg/L	Y 371.029
As 228.812	0.002913uv	mg/L	0.006409	220.0	6.04790	0.029125 mg/L	Y 371.029
B 182.577	0.621660	mg/L	0.012627	2.0	282.978	6.21660 mg/L	Y 371.029
B 249.678	0.627427	mg/L	0.013334	2.1	4882.80	6.27427 mg/L	Y 371.029
B 249.772	0.618407	mg/L	0.007627	1.2	10912.7	6.18407 mg/L	Y 371.029
Ba 233.527	0.001843	mg/L	0.000107	5.8	225.875	0.018425 mg/L	Y 371.029
Ba 455.403	0.001422	mg/L	0.000018	1.3	6278.98	0.014218 mg/L	Y 371.029
Ba 493.408	0.001452	mg/L	0.000011	0.8	3606.97	0.014516 mg/L	Y 371.029
Be 234.861	0.000263	mg/L	0.000024	9.0	3.95163	0.002630 mg/L	Y 371.029
Be 313.042	0.000044	mg/L	0.000009	20.4	2641.18	0.000437 mg/L	Y 371.029
Be 313.107	0.000084	mg/L	0.000012	13.8	85.4487	0.000838 mg/L	Y 371.029
Ca 393.366	6.79588n	mg/L	0.010983	0.2	9702859	67.9588 mg/L	Y 371.029
Ca 396.847	7.14383	mg/L	0.012130	0.2	13415503	71.4383 mg/L	Y 371.029
Ca 430.253	7.02795	mg/L	0.011460	0.2	28893.8	70.2795 mg/L	Y 371.029
Cd 214.439	0.000371	mg/L	0.000094	25.4	13.3380	0.003711 mg/L	Y 371.029
Cd 226.502	0.000127	mg/L	0.000031	24.4	45.3013	0.001267 mg/L	Y 371.029
Cd 228.802	0.000210	mg/L	0.000173	82.1	19.9755	0.002102 mg/L	Y 371.029
Co 228.615	0.003382	mg/L	0.000213	6.3	47.7451	0.033821 mg/L	Y 371.029
Co 230.786	0.003469	mg/L	0.000244	7.0	39.9502	0.034686 mg/L	Y 371.029
Co 238.892	0.007023	mg/L	0.001384	19.7	13.3327	0.070226 mg/L	Y 371.029
Cr 205.560	-0.000664	mg/L	0.000336	50.6	3.39117	-0.006636 mg/L	Y 371.029
Cr 206.158	-0.002911	mg/L	0.001023	35.2	6.60619	-0.029105 mg/L	Y 371.029
Cr 267.716	-0.000904uv	mg/L	0.000109	12.1	18.2855	-0.009041 mg/L	Y 371.029
Cu 213.598	-0.001890	mg/L	0.000702	37.1	5.08171	-0.018896 mg/L	Y 371.029
Cu 324.754	0.000230uv	mg/L	0.000157	68.4	493.702	0.002296 mg/L	Y 371.029
Cu 327.395	-0.000740	mg/L	0.000103	13.8	28.5680	-0.007402 mg/L	Y 371.029
Fe 234.350	5.46174	mg/L	0.024914	0.5	41600.7	54.6174 mg/L	Y 371.029
Fe 238.204	5.46927	mg/L	0.070764	1.3	91542.4	54.6927 mg/L	Y 371.029
Fe 259.940	5.41110	mg/L	0.015581	0.3	77412.7	54.1110 mg/L	Y 371.029
Ga 287.423	-0.024304	mg/L	0.002656	10.9	45.3741	-0.243043 mg/L	Y 371.029
Ga 294.363	-0.001513uv	mg/L	0.000835	55.2	9.72399	-0.015134 mg/L	Y 371.029
Ga 417.204	-0.000346	mg/L	0.000242	69.8	62.3907	-0.003464 mg/L	Y 371.029
K 766.491	0.981159	mg/L	0.000617	0.1	63862.3	9.81159 mg/L	Y 371.029
K 769.897	0.973435	mg/L	0.001003	0.1	56914.9	9.73435 mg/L	Y 371.029
Li 610.365	0.007777	mg/L	0.000098	1.3	8.97439	0.077775 mg/L	Y 371.029
Li 670.783	0.000996	mg/L	0.000040	4.0	60646.4	0.009958 mg/L	Y 371.029
Mg 279.078	3.03241	mg/L	0.007562	0.2	4252.46	30.3241 mg/L	Y 371.029
Mg 280.270	3.00847	mg/L	0.019581	0.7	307927	30.0847 mg/L	Y 371.029
Mg 285.213	3.14617	mg/L	0.011620	0.4	100163	31.4617 mg/L	Y 371.029
Mn 257.610	0.325910	mg/L	0.001343	0.4	45829.8	3.25910 mg/L	Y 371.029
Mn 259.372	0.319502	mg/L	0.002406	0.8	34166.7	3.19502 mg/L	Y 371.029
Mn 260.568	0.326524	mg/L	0.000550	0.2	6271.25	3.26524 mg/L	Y 371.029
Mo 202.032	0.007148	mg/L	0.001833	25.6	36.3797	0.071476 mg/L	Y 371.029
Mo 203.846	0.006878	mg/L	0.002126	30.9	14.0646	0.068776 mg/L	Y 371.029
Mo 204.598	0.006042	mg/L	0.002369	39.2	11.8642	0.060419 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Na 568.821	4.25399	mg/L	0.042130	1.0	1115.92	42.5399 mg/L	Y 371.029
Na 588.995	4.79596	mg/L	0.007135	0.1	2447304	47.9596 mg/L	Y 371.029
Na 589.592	4.41438	mg/L	0.008876	0.2	1230764	44.1438 mg/L	Y 371.029
Ni 216.555	0.005878	mg/L	0.000883	15.0	42.0421	0.058781 mg/L	Y 371.029
Ni 221.648	0.003740	mg/L	0.001193	31.9	18.0984	0.037398 mg/L	Y 371.029
Ni 231.604	0.004034	mg/L	0.000595	14.7	31.9811	0.040341 mg/L	Y 371.029
P 177.434	-0.002385uv	mg/L	0.004998	209.5	0.197189	-0.023853 mg/L	Y 371.029
P 213.618	-0.009305uv	mg/L	0.000014	0.1	-1.07547	-0.093046 mg/L	Y 371.029
P 214.914	0.010136	mg/L	0.008343	82.3	2.41503	0.101360 mg/L	Y 371.029
Pb 220.353	0.000412	mg/L	0.001051	255.0	4.63338	0.004122 mg/L	Y 371.029
Pb 261.417	-0.011181uv	mg/L	0.004654	41.6	4.99217	-0.111813 mg/L	Y 371.029
Pb 405.781	-0.005584uv	mg/L	0.005046	90.4	106.731	-0.055836 mg/L	Y 371.029
Sb 206.834	-0.000641	mg/L	0.001930	301.1	6.79434	-0.006410 mg/L	Y 371.029
Sb 231.146	0.004268	mg/L	0.002147	50.3	7.68899	0.042677 mg/L	Y 371.029
Sb 259.804	-0.024851uv	mg/L	0.004455	17.9	8.05030	-0.248506 mg/L	Y 371.029
Se 196.026	0.004778	mg/L	0.004270	89.4	4.91615	0.047782 mg/L	Y 371.029
Se 203.985	0.007465uv	mg/L	0.004818	64.6	2.21974	0.074645 mg/L	Y 371.029
Si 250.690	0.972175	mg/L	0.006854	0.7	1345.08	9.72175 mg/L	Y 371.029
Si 251.611	0.962649	mg/L	0.004734	0.5	1596.93	9.62649 mg/L	Y 371.029
Si 288.158	0.947218	mg/L	0.003519	0.4	8156.44	9.47218 mg/L	Y 371.029
Sn 189.927	0.000735uv	mg/L	0.003447	469.0	2.42014	0.007350 mg/L	Y 371.029
Sn 283.998	-0.010856uv	mg/L	0.000755	7.0	4.54835	-0.108557 mg/L	Y 371.029
Sr 216.596	0.032225	mg/L	0.000138	0.4	306.726	0.322249 mg/L	Y 371.029
Sr 407.771	0.032376	mg/L	0.000097	0.3	92399.7	0.323762 mg/L	Y 371.029
Sr 421.552	0.033411	mg/L	0.000080	0.2	57100.3	0.334111 mg/L	Y 371.029
Ti 334.941	-0.000380	mg/L	0.000322	84.9	238.780	-0.003798 mg/L	Y 371.029
Ti 336.122	-0.000429	mg/L	0.000107	24.8	57.1686	-0.004286 mg/L	Y 371.029
Ti 337.280	0.000315	mg/L	0.000314	100.0	33.7995	0.003146 mg/L	Y 371.029
Tl 190.794	0.000753	mg/L	0.003250	431.7	1.53130	0.007529 mg/L	Y 371.029
Tl 190.807	0.011234	mg/L	0.003111	27.7	2.33978	0.112336 mg/L	Y 371.029
Tl 351.923	-0.002930uv	mg/L	0.002605	88.9	8.63729	-0.029304 mg/L	Y 371.029
V 268.796	-0.000003	mg/L	0.000407	14763.6	34.1057	-0.000028 mg/L	Y 371.029
V 292.401	-0.001027	mg/L	0.000119	11.6	33.0171	-0.010272 mg/L	Y 371.029
V 311.837	0.000201	mg/L	0.000079	39.2	6.09369	0.002010 mg/L	Y 371.029
Zn 202.548	5.87593	mg/L	0.030431	0.5	46283.3	58.7593 mg/L	Y 371.029
Zn 206.200	5.88258	mg/L	0.020321	0.3	15162.2	58.8258 mg/L	Y 371.029
Zn 213.857	5.92539	mg/L	0.088844	1.5	92536.3	59.2539 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.07850	8648.22	28.334	0.3
Y 371.029	0.884990	145941	435.692	0.3

1144120-BLK2 (Samp) **11/7/2011, 1:09:28 PM** **Rack 1, Tube 12**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000703	mg/L	0.000201	28.5	372.674	0.000703 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000351	15.6	7.24766	uncal mg/L	Y 371.029
Al 237.312	0.027900	mg/L	0.003545	12.7	121.016	0.027900 mg/L	Y 371.029
Al 257.509	0.037930	mg/L	0.006146	16.2	48.7815	0.037930 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
V 292.401	-0.000025uv	mg/L	0.000049	191.7	22.8472	-0.000025 mg/L	Y 371.029
V 311.837	0.000825	mg/L	0.000070	8.4	7.24761	0.000825 mg/L	Y 371.029
Zn 202.548	0.012494	mg/L	0.000367	2.9	630.721	0.012494 mg/L	Y 371.029
Zn 206.200	0.013030	mg/L	0.001073	8.2	208.033	0.013030 mg/L	Y 371.029
Zn 213.857	0.011446	mg/L	0.000716	6.3	1244.36	0.011446 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.08142	8671.69	43.921	0.5
Y 371.029	0.886172	146136	599.956	0.4

SEQ-CCV2 (Samp) **11/7/2011, 1:40:38 PM** **Rack 1, Tube 20**
M_200.7_T_WW **CCV**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.100036	mg/L	0.000361	0.4	4928.56	0.100036 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001206	1.2	289.326	uncal mg/L	Y 371.029
Al 237.312	2.56289	mg/L	0.010297	0.4	3708.43	2.56289 mg/L	Y 371.029
Al 257.509	2.55993	mg/L	0.030847	1.2	1604.50	2.55993 mg/L	Y 371.029
Al 308.215	2.55160	mg/L	0.000494	0.0	14948.0	2.55160 mg/L	Y 371.029
As 188.980	0.514950	mg/L	0.003502	0.7	157.453	0.514950 mg/L	Y 371.029
As 193.696	0.519329	mg/L	0.006343	1.2	176.494	0.519329 mg/L	Y 371.029
As 228.812	0.757551	mg/L	0.008842	1.2	507.069	0.757551 mg/L	Y 371.029
B 182.577	0.507022	mg/L	0.007729	1.5	231.659	0.507022 mg/L	Y 371.029
B 249.678	0.513354	mg/L	0.011046	2.2	4007.36	0.513354 mg/L	Y 371.029
B 249.772	0.510994	mg/L	0.004713	0.9	9002.00	0.510994 mg/L	Y 371.029
Ba 233.527	0.513311	mg/L	0.002281	0.4	18089.0	0.513311 mg/L	Y 371.029
Ba 455.403	0.501702	mg/L	0.000708	0.1	511966	0.501702 mg/L	Y 371.029
Ba 493.408	0.509171	mg/L	0.000579	0.1	298257	0.509171 mg/L	Y 371.029
Be 234.861	0.513546	mg/L	0.002141	0.4	54642.5	0.513546 mg/L	Y 371.029
Be 313.042	0.510663	mg/L	0.002364	0.5	830824	0.510663 mg/L	Y 371.029
Be 313.107	0.518623	mg/L	0.001975	0.4	392060	0.518623 mg/L	Y 371.029
Ca 393.366	4.87260n	mg/L	0.003867	0.1	6965596	4.87260 mg/L	Y 371.029
Ca 396.847	5.06609	mg/L	0.005308	0.1	9525739	5.06609 mg/L	Y 371.029
Ca 430.253	4.94269	mg/L	0.018361	0.4	20565.7	4.94269 mg/L	Y 371.029
Cd 214.439	0.253732	mg/L	0.000916	0.4	4599.82	0.253732 mg/L	Y 371.029
Cd 226.502	0.255722	mg/L	0.000063	0.0	8002.17	0.255722 mg/L	Y 371.029
Cd 228.802	0.258058	mg/L	0.001251	0.5	3663.13	0.258058 mg/L	Y 371.029
Co 228.615	0.518928	mg/L	0.000742	0.1	4626.76	0.518928 mg/L	Y 371.029
Co 230.786	0.523837	mg/L	0.004452	0.8	2966.44	0.523837 mg/L	Y 371.029
Co 238.892	0.522215	mg/L	0.003134	0.6	2812.21	0.522215 mg/L	Y 371.029
Cr 205.560	0.509239	mg/L	0.000862	0.2	1992.43	0.509239 mg/L	Y 371.029
Cr 206.158	0.511344	mg/L	0.001882	0.4	831.886	0.511344 mg/L	Y 371.029
Cr 267.716	0.512743	mg/L	0.001696	0.3	10026.1	0.512743 mg/L	Y 371.029
Cu 213.598	0.529560	mg/L	0.005592	1.1	1735.89	0.529560 mg/L	Y 371.029
Cu 324.754	0.501441	mg/L	0.000984	0.2	19326.6	0.501441 mg/L	Y 371.029
Cu 327.395	0.503447	mg/L	0.001071	0.2	23287.2	0.503447 mg/L	Y 371.029
Fe 234.350	0.523772	mg/L	0.001335	0.3	4237.67	0.523772 mg/L	Y 371.029
Fe 238.204	0.526487	mg/L	0.008217	1.6	9137.70	0.526487 mg/L	Y 371.029
Fe 259.940	0.513254	mg/L	0.006709	1.3	7606.33	0.513254 mg/L	Y 371.029
Ga 287.423	0.513420	mg/L	0.001058	0.2	1216.10	0.513420 mg/L	Y 371.029

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ga 294.363	0.515235	mg/L	0.002373	0.5	3175.12	0.515235 mg/L	Y 371.029
Ga 417.204	0.519930	mg/L	0.000238	0.0	5087.70	0.519930 mg/L	Y 371.029
K 766.491	5.11258	mg/L	0.010618	0.2	323435	5.11258 mg/L	Y 371.029
K 769.897	5.17698	mg/L	0.011145	0.2	261950	5.17698 mg/L	Y 371.029
Li 610.365	1.12620	mg/L	0.000787	0.1	45737.5	1.12620 mg/L	Y 371.029
Li 670.783	1.03876	mg/L	0.000943	0.1	3058236	1.03876 mg/L	Y 371.029
Mg 279.078	5.09845	mg/L	0.006326	0.1	7143.18	5.09845 mg/L	Y 371.029
Mg 280.270	5.08964	mg/L	0.033977	0.7	520271	5.08964 mg/L	Y 371.029
Mg 285.213	5.30434	mg/L	0.024522	0.5	168686	5.30434 mg/L	Y 371.029
Mn 257.610	0.526536	mg/L	0.002129	0.4	74990.9	0.526536 mg/L	Y 371.029
Mn 259.372	0.521251	mg/L	0.001972	0.4	55128.5	0.521251 mg/L	Y 371.029
Mn 260.568	0.516856	mg/L	0.008655	1.7	9937.74	0.516856 mg/L	Y 371.029
Mo 202.032	1.10735	mg/L	0.011153	1.0	3432.68	1.10735 mg/L	Y 371.029
Mo 203.846	1.13124	mg/L	0.010145	0.9	1395.71	1.13124 mg/L	Y 371.029
Mo 204.598	1.10249	mg/L	0.010287	0.9	1618.85	1.10249 mg/L	Y 371.029
Na 568.821	4.89504	mg/L	0.045921	0.9	1288.06	4.89504 mg/L	Y 371.029
Na 588.995	5.58062	mg/L	0.014222	0.3	2803992	5.58062 mg/L	Y 371.029
Na 589.592	5.22185	mg/L	0.016579	0.3	1421017	5.22185 mg/L	Y 371.029
Ni 216.555	1.03020	mg/L	0.000340	0.0	4911.12	1.03020 mg/L	Y 371.029
Ni 221.648	1.02182	mg/L	0.001309	0.1	2022.65	1.02182 mg/L	Y 371.029
Ni 231.604	1.02456	mg/L	0.005968	0.6	3371.67	1.02456 mg/L	Y 371.029
P 177.434	0.527386	mg/L	0.012197	2.3	21.0021	0.527386 mg/L	Y 371.029
P 213.618	0.541638	mg/L	0.002752	0.5	284.281	0.541638 mg/L	Y 371.029
P 214.914	0.502210	mg/L	0.017576	3.5	88.3574	0.502210 mg/L	Y 371.029
Pb 220.353	1.02525	mg/L	0.002472	0.2	1093.86	1.02525 mg/L	Y 371.029
Pb 261.417	1.01151	mg/L	0.005012	0.5	544.623	1.01151 mg/L	Y 371.029
Pb 405.781	0.992962	mg/L	0.006912	0.7	1530.27	0.992962 mg/L	Y 371.029
Sb 206.834	1.08176	mg/L	0.001301	0.1	664.980	1.08176 mg/L	Y 371.029
Sb 231.146	1.07919	mg/L	0.004477	0.4	548.256	1.07919 mg/L	Y 371.029
Sb 259.804	1.07827	mg/L	0.006062	0.6	470.659	1.07827 mg/L	Y 371.029
Se 196.026	1.05481	mg/L	0.011974	1.1	255.657	1.05481 mg/L	Y 371.029
Se 203.985	1.06152	mg/L	0.012966	1.2	159.472	1.06152 mg/L	Y 371.029
Si 250.690	1.04954	mg/L	0.009187	0.9	1447.08	1.04954 mg/L	Y 371.029
Si 251.611	1.03656	mg/L	0.003753	0.4	1715.65	1.03656 mg/L	Y 371.029
Si 288.158	1.01825	mg/L	0.010450	1.0	8648.89	1.01825 mg/L	Y 371.029
Sn 189.927	1.03566	mg/L	0.006167	0.6	221.363	1.03566 mg/L	Y 371.029
Sn 283.998	1.12719	mg/L	0.004871	0.4	1932.27	1.12719 mg/L	Y 371.029
Sr 216.596	0.506475	mg/L	0.000989	0.2	4417.15	0.506475 mg/L	Y 371.029
Sr 407.771	0.500710	mg/L	0.001619	0.3	1337487	0.500710 mg/L	Y 371.029
Sr 421.552	0.507574	mg/L	0.002377	0.5	815200	0.507574 mg/L	Y 371.029
Ti 334.941	0.515646	mg/L	0.003983	0.8	100039	0.515646 mg/L	Y 371.029
Ti 336.122	0.526331	mg/L	0.002214	0.4	43470.2	0.526331 mg/L	Y 371.029
Ti 337.280	0.514796	mg/L	0.003065	0.6	15816.7	0.514796 mg/L	Y 371.029
Tl 190.794	0.516926	mg/L	0.005608	1.1	158.728	0.516926 mg/L	Y 371.029
Tl 190.807	0.513543	mg/L	0.004074	0.8	88.0602	0.513543 mg/L	Y 371.029
Tl 351.923	0.521226	mg/L	0.007004	1.3	598.821	0.521226 mg/L	Y 371.029
V 268.796	0.531289	mg/L	0.000777	0.1	5318.22	0.531289 mg/L	Y 371.029
V 292.401	0.505896	mg/L	0.002478	0.5	17489.1	0.505896 mg/L	Y 371.029
V 311.837	0.513056	mg/L	0.000866	0.2	24479.6	0.513056 mg/L	Y 371.029
Zn 202.548	0.525745	mg/L	0.000291	0.1	4683.01	0.525745 mg/L	Y 371.029
Zn 206.200	0.520154	mg/L	0.001811	0.3	1506.61	0.520154 mg/L	Y 371.029

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Zn 213.857	0.521685	mg/L	0.007349	1.4	9260.70	0.521685 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.07860	8649.04	21.556	0.2
Y 371.029	0.882201	145481	430.824	0.3

SEQ-CCB2 (Samp) **11/7/2011, 1:44:28 PM** **Rack 1, Tube 21**
M_200.7_T_WW **CCB**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.000765	mg/L	0.000346	45.2	375.394	0.000765 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.001100	115.5	3.37189	uncal mg/L	Y 371.029
Al 237.312	-0.013579uv	mg/L	0.003965	29.2	62.3630	-0.013579 mg/L	Y 371.029
Al 257.509	-0.001538uv	mg/L	0.010659	693.0	24.4103	-0.001538 mg/L	Y 371.029
Al 308.215	-0.000413uv	mg/L	0.000673	162.8	699.766	-0.000413 mg/L	Y 371.029
As 188.980	0.003469	mg/L	0.000844	24.3	5.42359	0.003469 mg/L	Y 371.029
As 193.696	0.007770	mg/L	0.004979	64.1	4.34047	0.007770 mg/L	Y 371.029
As 228.812	0.010241	mg/L	0.001508	14.7	10.1709	0.010241 mg/L	Y 371.029
B 182.577	0.014093	mg/L	0.003039	21.6	12.4552	0.014093 mg/L	Y 371.029
B 249.678	0.016051	mg/L	0.004115	25.6	197.248	0.016051 mg/L	Y 371.029
B 249.772	0.014564	mg/L	0.004522	31.0	429.336	0.014564 mg/L	Y 371.029
Ba 233.527	0.000301	mg/L	0.000069	23.1	163.985	0.000301 mg/L	Y 371.029
Ba 455.403	-0.000187uv	mg/L	0.000009	4.8	4518.53	-0.000187 mg/L	Y 371.029
Ba 493.408	-0.000024uv	mg/L	0.000006	26.4	2634.69	-0.000024 mg/L	Y 371.029
Be 234.861	-0.000005uv	mg/L	0.000004	83.0	-1.89955	-0.000005 mg/L	Y 371.029
Be 313.042	-0.000147uv	mg/L	0.000009	5.9	2369.32	-0.000147 mg/L	Y 371.029
Be 313.107	0.000010	mg/L	0.000008	75.9	35.3281	0.000010 mg/L	Y 371.029
Ca 393.366	-0.002107nuv	mg/L	0.000130	6.2	35031.8	-0.002107 mg/L	Y 371.029
Ca 396.847	0.000218	mg/L	0.000054	24.6	46387.0	0.000218 mg/L	Y 371.029
Ca 430.253	-0.023135uv	mg/L	0.004680	20.2	846.753	-0.023135 mg/L	Y 371.029
Cd 214.439	0.000166	mg/L	0.000127	76.4	6.67734	0.000166 mg/L	Y 371.029
Cd 226.502	0.000126	mg/L	0.000086	68.5	24.0772	0.000126 mg/L	Y 371.029
Cd 228.802	0.000078uv	mg/L	0.000195	250.8	16.0868	0.000078 mg/L	Y 371.029
Co 228.615	0.000499	mg/L	0.000352	70.6	5.46738	0.000499 mg/L	Y 371.029
Co 230.786	0.000106uv	mg/L	0.000299	281.5	6.72921	0.000106 mg/L	Y 371.029
Co 238.892	0.000536	mg/L	0.000168	31.4	6.13839	0.000536 mg/L	Y 371.029
Cr 205.560	0.000683	mg/L	0.000219	32.0	3.78311	0.000683 mg/L	Y 371.029
Cr 206.158	0.000098uv	mg/L	0.000599	610.4	2.50143	0.000098 mg/L	Y 371.029
Cr 267.716	0.000100uv	mg/L	0.000138	138.9	18.9875	0.000100 mg/L	Y 371.029
Cu 213.598	0.000049uv	mg/L	0.000120	243.7	1.53846	0.000049 mg/L	Y 371.029
Cu 324.754	-0.001189uv	mg/L	0.000086	7.2	497.517	-0.001189 mg/L	Y 371.029
Cu 327.395	0.000297	mg/L	0.000098	33.0	20.9561	0.000297 mg/L	Y 371.029
Fe 234.350	0.001912	mg/L	0.001328	69.4	42.5190	0.001912 mg/L	Y 371.029
Fe 238.204	0.002131	mg/L	0.000786	36.9	68.9732	0.002131 mg/L	Y 371.029
Fe 259.940	0.001975	mg/L	0.000678	34.4	71.3017	0.001975 mg/L	Y 371.029
Ga 287.423	-0.002768uv	mg/L	0.001428	51.6	6.31693	-0.002768 mg/L	Y 371.029
Ga 294.363	0.000250uv	mg/L	0.000426	170.4	13.4671	0.000250 mg/L	Y 371.029
Ga 417.204	0.000106uv	mg/L	0.001182	1115.8	51.2073	0.000106 mg/L	Y 371.029
K 766.491	-0.003070uv	mg/L	0.000310	10.1	1791.10	-0.003070 mg/L	Y 371.029
K 769.897	-0.007224uv	mg/L	0.001449	20.1	9072.02	-0.007224 mg/L	Y 371.029

111107A. All Data Report 11/8/2011, 12:19:46

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Li 610.365	0.006981	mg/L	0.000065	0.9	-23.5937	0.006981 mg/L	Y 371.029
Li 670.783	-0.000215uv	mg/L	0.000047	22.0	55826.5	-0.000215 mg/L	Y 371.029
Mg 279.078	0.003501	mg/L	0.001308	37.4	12.3906	0.003501 mg/L	Y 371.029
Mg 280.270	-0.001080uv	mg/L	0.000036	3.3	367.618	-0.001080 mg/L	Y 371.029
Mg 285.213	-0.000591uv	mg/L	0.000103	17.3	98.5847	-0.000591 mg/L	Y 371.029
Mn 257.610	-0.000070uv	mg/L	0.000019	27.0	8.42179	-0.000070 mg/L	Y 371.029
Mn 259.372	-0.000022	mg/L	0.000033	149.5	43.8881	-0.000022 mg/L	Y 371.029
Mn 260.568	0.000071	mg/L	0.000040	56.7	3.04572	0.000071 mg/L	Y 371.029
Mo 202.032	0.023013	mg/L	0.004370	19.0	83.5391	0.023013 mg/L	Y 371.029
Mo 203.846	0.022064	mg/L	0.003701	16.8	31.7701	0.022064 mg/L	Y 371.029
Mo 204.598	0.023746	mg/L	0.003764	15.9	36.7204	0.023746 mg/L	Y 371.029
Na 568.821	0.851868	mg/L	0.091870	10.8	98.7357	0.851868 mg/L	Y 371.029
Na 588.995	-0.264745uv	mg/L	0.001004	0.4	145885	-0.264745 mg/L	Y 371.029
Na 589.592	-0.529443uv	mg/L	0.000230	0.0	57576.6	-0.529443 mg/L	Y 371.029
Ni 216.555	0.001849	mg/L	0.000194	10.5	2.20385	0.001849 mg/L	Y 371.029
Ni 221.648	0.001075	mg/L	0.000803	74.7	4.06559	0.001075 mg/L	Y 371.029
Ni 231.604	0.000972uv	mg/L	0.001254	129.0	8.02745	0.000972 mg/L	Y 371.029
P 177.434	0.003840uv	mg/L	0.006014	156.6	0.457734	0.003840 mg/L	Y 371.029
P 213.618	-0.002353uv	mg/L	0.002335	99.2	-0.404894	-0.002353 mg/L	Y 371.029
P 214.914	0.003570uv	mg/L	0.004519	126.6	1.16571	0.003570 mg/L	Y 371.029
Pb 220.353	-0.000384uv	mg/L	0.001159	302.0	2.97441	-0.000384 mg/L	Y 371.029
Pb 261.417	-0.004518uv	mg/L	0.005964	132.0	8.95279	-0.004518 mg/L	Y 371.029
Pb 405.781	-0.001670uv	mg/L	0.006538	391.4	108.161	-0.001670 mg/L	Y 371.029
Sb 206.834	0.011573	mg/L	0.001925	16.6	11.5417	0.011573 mg/L	Y 371.029
Sb 231.146	0.009167uv	mg/L	0.009908	108.1	10.8084	0.009167 mg/L	Y 371.029
Sb 259.804	0.001689uv	mg/L	0.009372	554.9	9.42205	0.001689 mg/L	Y 371.029
Se 196.026	0.015027	mg/L	0.002878	19.2	7.38947	0.015027 mg/L	Y 371.029
Se 203.985	0.011393uv	mg/L	0.010833	95.1	3.19648	0.011393 mg/L	Y 371.029
Si 250.690	0.000658uv	mg/L	0.001612	244.8	138.854	0.000658 mg/L	Y 371.029
Si 251.611	-0.000224uv	mg/L	0.001208	538.2	161.726	-0.000224 mg/L	Y 371.029
Si 288.158	-0.008894uv	mg/L	0.000854	9.6	1459.21	-0.008894 mg/L	Y 371.029
Sn 189.927	0.003284	mg/L	0.003518	107.1	3.03166	0.003284 mg/L	Y 371.029
Sn 283.998	-0.002157uv	mg/L	0.002510	116.4	9.94607	-0.002157 mg/L	Y 371.029
Sr 216.596	0.000402uv	mg/L	0.000432	107.4	17.9841	0.000402 mg/L	Y 371.029
Sr 407.771	-0.000039uv	mg/L	0.000003	8.2	5654.61	-0.000039 mg/L	Y 371.029
Sr 421.552	-0.000008uv	mg/L	0.000005	63.9	3307.65	-0.000008 mg/L	Y 371.029
Ti 334.941	0.001448	mg/L	0.000535	36.9	377.572	0.001448 mg/L	Y 371.029
Ti 336.122	0.001326	mg/L	0.000480	36.2	118.283	0.001326 mg/L	Y 371.029
Ti 337.280	0.001789	mg/L	0.000522	29.2	51.8500	0.001789 mg/L	Y 371.029
Tl 190.794	0.004759	mg/L	0.002897	60.9	1.93028	0.004759 mg/L	Y 371.029
Tl 190.807	0.006467	mg/L	0.006375	98.6	1.47655	0.006467 mg/L	Y 371.029
Tl 351.923	0.004529	mg/L	0.001946	43.0	15.5749	0.004529 mg/L	Y 371.029
V 268.796	0.002683	mg/L	0.000500	18.6	61.4891	0.002683 mg/L	Y 371.029
V 292.401	0.000031uv	mg/L	0.000192	628.1	24.6207	0.000031 mg/L	Y 371.029
V 311.837	0.000838	mg/L	0.000049	5.9	7.77386	0.000838 mg/L	Y 371.029
Zn 202.548	0.001616	mg/L	0.000050	3.1	545.939	0.001616 mg/L	Y 371.029
Zn 206.200	0.001116	mg/L	0.000559	50.1	177.673	0.001116 mg/L	Y 371.029
Zn 213.857	0.000185	mg/L	0.000178	96.2	1070.44	0.000185 mg/L	Y 371.029

Label	Ratio	Int. (c/s)	SD(Int)	%RSD
Y 224.303	1.08300	8684.32	37.755	0.4
Y 371.029	0.888152	146462	647.755	0.4

1145233-BS1 (Samp) **11/7/2011, 3:25:30 PM** **Rack 1, Tube 22**
M_200.7_T_WW **SAMP**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	Calc Conc.	IS
Ag 328.068	0.421798	mg/L	0.000530	0.1	19683.8	0.421798 mg/L	Y 371.029
Ag 338.289	uncal	mg/L	0.000897	0.2	1230.60	uncal mg/L	Y 371.029
Al 237.312	5.15183	mg/L	0.009944	0.2	7368.73	5.15183 mg/L	Y 371.029
Al 257.509	5.09267	mg/L	0.002819	0.1	3167.47	5.09267 mg/L	Y 371.029
Al 308.215	5.22920	mg/L	0.005436	0.1	29852.7	5.22920 mg/L	Y 371.029
As 188.980	1.01939	mg/L	0.008149	0.8	307.513	1.01939 mg/L	Y 371.029
As 193.696	1.02924	mg/L	0.004146	0.4	348.339	1.02924 mg/L	Y 371.029
As 228.812	2.11166	mg/L	0.029774	1.4	1612.28	2.11166 mg/L	Y 371.029
B 182.577	0.991161	mg/L	0.021458	2.2	447.064	0.991161 mg/L	Y 371.029
B 249.678	1.00309	mg/L	0.038315	3.8	7763.39	1.00309 mg/L	Y 371.029
B 249.772	1.00258	mg/L	0.039206	3.9	17547.5	1.00258 mg/L	Y 371.029
Ba 233.527	1.02478	mg/L	0.001411	0.1	35961.2	1.02478 mg/L	Y 371.029
Ba 455.403	0.998808	mg/L	0.001554	0.2	1014597	0.998808 mg/L	Y 371.029
Ba 493.408	0.989810	mg/L	0.001038	0.1	577327	0.989810 mg/L	Y 371.029
Be 234.861	1.01779	mg/L	0.002722	0.3	108277	1.01779 mg/L	Y 371.029
Be 313.042	1.02266	mg/L	0.003623	0.4	1661204	1.02266 mg/L	Y 371.029
Be 313.107	1.03885	mg/L	0.003282	0.3	785302	1.03885 mg/L	Y 371.029
Ca 393.366	9.03833n	mg/L	0.023415	0.3	12888933	9.03833 mg/L	Y 371.029
Ca 396.847	9.78854	mg/L	0.031698	0.3	18362594	9.78854 mg/L	Y 371.029
Ca 430.253	9.84899	mg/L	0.018053	0.2	40055.3	9.84899 mg/L	Y 371.029
Cd 214.439	0.986284	mg/L	0.002367	0.2	17869.4	0.986284 mg/L	Y 371.029
Cd 226.502	1.02197	mg/L	0.002829	0.3	31918.8	1.02197 mg/L	Y 371.029
Cd 228.802	0.994375	mg/L	0.004688	0.5	14070.1	0.994375 mg/L	Y 371.029
Co 228.615	1.01006	mg/L	0.005986	0.6	9012.31	1.01006 mg/L	Y 371.029
Co 230.786	1.04005	mg/L	0.005487	0.5	5884.46	1.04005 mg/L	Y 371.029
Co 238.892	1.01123	mg/L	0.001505	0.1	5415.37	1.01123 mg/L	Y 371.029
Cr 205.560	0.994808	mg/L	0.001118	0.1	3893.63	0.994808 mg/L	Y 371.029
Cr 206.158	1.02778	mg/L	0.005454	0.5	1670.89	1.02778 mg/L	Y 371.029
Cr 267.716	1.01989	mg/L	0.000386	0.0	19937.0	1.01989 mg/L	Y 371.029
Cu 213.598	1.04528	mg/L	0.001921	0.2	3423.29	1.04528 mg/L	Y 371.029
Cu 324.754	0.982491	mg/L	0.003450	0.4	37369.5	0.982491 mg/L	Y 371.029
Cu 327.395	1.00184	mg/L	0.003632	0.4	46375.2	1.00184 mg/L	Y 371.029
Fe 234.350	5.28706	mg/L	0.004742	0.1	40521.1	5.28706 mg/L	Y 371.029
Fe 238.204	5.24716	mg/L	0.031559	0.6	88180.4	5.24716 mg/L	Y 371.029
Fe 259.940	5.24256	mg/L	0.042086	0.8	75262.6	5.24256 mg/L	Y 371.029
Ga 287.423	1.00946	mg/L	0.001975	0.2	2446.54	1.00946 mg/L	Y 371.029
Ga 294.363	1.01060	mg/L	0.001981	0.2	6218.31	1.01060 mg/L	Y 371.029
Ga 417.204	1.00422	mg/L	0.001798	0.2	9803.76	1.00422 mg/L	Y 371.029
K 766.491	9.95113	mg/L	0.016086	0.2	627631	9.95113 mg/L	Y 371.029
K 769.897	10.3044	mg/L	0.020813	0.2	511954	10.3044 mg/L	Y 371.029
Li 610.365	1.12006	mg/L	0.000880	0.1	45486.4	1.12006 mg/L	Y 371.029
Li 670.783	1.02916	mg/L	0.002738	0.3	3031996	1.02916 mg/L	Y 371.029
Mg 279.078	10.2142	mg/L	0.011879	0.1	14306.0	10.2142 mg/L	Y 371.029

11/7/2011 9:54:48 AM	Worksheet created from template
11/7/2011 9:54:48 AM	>>>New Worksheet2011D.vwst
11/7/2011 11:35:42 AM	Analysis started.
11/7/2011 11:38:46 AM	**Measured Blank**
11/7/2011 11:42:58 AM	**Measured Standard 1**
11/7/2011 11:46:35 AM	**Measured Standard 2**
11/7/2011 11:50:18 AM	**Measured Standard 3**
11/7/2011 11:54:06 AM	**Measured Standard 4**
11/7/2011 11:58:18 AM	**Measured Standard 5**
11/7/2011 12:02:31 PM	**Measured Standard 6**
11/7/2011 12:06:43 PM	**Measured Standard 7**
11/7/2011 12:08:12 PM	Calibration(Reslope) failed [Ag 338.289]: Maximum error has been exceeded.
11/7/2011 12:08:12 PM	Continuing in emission.
11/7/2011 12:08:20 PM	Analysis completed.
11/7/2011 12:10:15 PM	Analysis started.
11/7/2011 12:13:17 PM	**Measured SEQ-ICV1**
11/7/2011 12:14:45 PM	Analysis completed.
11/7/2011 12:17:24 PM	Analysis started.
11/7/2011 12:20:25 PM	**Measured SEQ-ICV2**
11/7/2011 12:24:38 PM	**Measured SEQ-ICB1**
11/7/2011 12:27:38 PM	**Measured SEQ-LCV1**
11/7/2011 12:31:18 PM	**Measured SEQ-HCV1**
11/7/2011 12:32:55 PM	Analysis completed.
11/7/2011 12:35:07 PM	Analysis started.
11/7/2011 12:38:08 PM	**Measured SEQ-IFA1**
11/7/2011 12:42:20 PM	**Measured SEQ-IFB1**
11/7/2011 12:44:37 PM	Request to stop the worksheet run after completing this solution.
11/7/2011 12:46:33 PM	**Measured SEQ-CCV1**
11/7/2011 12:55:05 PM	Analysis started.
11/7/2011 12:58:08 PM	**Measured SEQ-CCB1**
11/7/2011 1:01:10 PM	**Measured 11J1391-10**
11/7/2011 1:05:16 PM	**Measured 11J1391-12**
11/7/2011 1:09:28 PM	**Measured 1144120-BLK2**
11/7/2011 1:13:03 PM	**Measured 1144120-BS2**
11/7/2011 1:17:16 PM	**Measured 11J1212-01**
11/7/2011 1:21:14 PM	**Measured 11J1299-01**
11/7/2011 1:25:20 PM	**Measured 1144120-DUP2**
11/7/2011 1:29:27 PM	**Measured 1144120-PS2**
11/7/2011 1:33:40 PM	**Measured 1145233-BLK1**
11/7/2011 1:37:09 PM	**Measured 1145233-BLK2**
11/7/2011 1:40:38 PM	**Measured SEQ-CCV2**
11/7/2011 1:44:28 PM	**Measured SEQ-CCB2**
11/7/2011 1:44:59 PM	Analysis completed.
11/7/2011 3:22:31 PM	Analysis started.
11/7/2011 3:25:30 PM	**Measured 1145233-BS1**
11/7/2011 3:29:44 PM	**Measured 1145233-BS2**
11/7/2011 3:33:41 PM	**Measured 1145233-BS3**
11/7/2011 3:37:31 PM	**Measured 11K0100-02**
11/7/2011 3:41:27 PM	**Measured 11K0217-01**
11/7/2011 3:45:40 PM	**Measured 1145233-DUP1**
11/7/2011 3:49:38 PM	**Measured 1145233-MS1**
11/7/2011 3:53:52 PM	**Measured 1145233-SRD1**
11/7/2011 3:57:38 PM	**Measured 11K0217-05**
11/7/2011 4:00:39 PM	**Measured 11K0227-01**
11/7/2011 4:04:15 PM	**Measured SEQ-CCV3**
11/7/2011 4:08:09 PM	**Measured SEQ-CCB3**
11/7/2011 4:08:41 PM	Analysis completed.
11/7/2011 4:14:13 PM	Analysis started.
11/7/2011 4:17:19 PM	**Measured 11K0230-03**
11/7/2011 4:21:33 PM	**Measured 11K0230-04**
11/7/2011 4:25:28 PM	**Measured 11K0230-05**
11/7/2011 4:29:23 PM	**Measured 11K0230-06**
11/7/2011 4:33:16 PM	**Measured 11K0230-07**
11/7/2011 4:37:16 PM	**Measured 11K0230-08**
11/7/2011 4:41:15 PM	**Measured 11K0230-09**
11/7/2011 4:45:10 PM	**Measured 1145233-DUP2**
11/7/2011 4:49:07 PM	**Measured 1145233-MS2**
11/7/2011 4:53:21 PM	**Measured 11K0230-10**
11/7/2011 4:57:17 PM	**Measured SEQ-CCV4**
11/7/2011 5:01:10 PM	**Measured SEQ-CCB4**
11/7/2011 5:01:39 PM	Analysis completed.
11/7/2011 5:08:23 PM	Analysis started.
11/7/2011 5:11:25 PM	**Measured 11K0230-11**
11/7/2011 5:15:34 PM	**Measured 11K0230-12**
11/7/2011 5:19:38 PM	**Measured 11K0234-01**
11/7/2011 5:21:37 PM	Request to stop the worksheet run after completing this solution.
11/7/2011 5:23:23 PM	**Measured 11K0263-01**
11/7/2011 5:27:00 PM	Analysis started.
11/7/2011 5:30:00 PM	**Measured 11K0263-02**
11/7/2011 5:33:52 PM	**Measured 11K0263-03**
11/7/2011 5:37:44 PM	**Measured 11K0217-01**
11/7/2011 5:41:51 PM	**Measured 1145233-DUP1**
11/7/2011 5:46:06 PM	**Measured 1145233-PS1**
11/7/2011 5:50:20 PM	**Measured SEQ-CCV5**
11/7/2011 5:54:12 PM	**Measured SEQ-CCB5**
11/7/2011 5:54:46 PM	Analysis completed.
11/8/2011 9:54:17 AM	Analysis started.

APPENDIX B

Daily Pumping Records for the Groundwater Pump and Treat System

January, 2011				
Date	Pumped Volume (gallons)			Total Rate (gpm)
	Well #24 (RW15)	Well #27 (RW10)	Total	MP 214
1/1/2011	9,498	8,708	18,206	**12.6**
1/2/2011	8,568	7,854	16,422	**11.4**
1/3/2011	8,646	7,924	16,570	**11.5**
1/4/2011	8,621	7,805	16,426	**11.4**
1/5/2011	4,230	3,969	8,199	**5.7**
1/6/2011			0	**0.0**
1/7/2011	4,458	4,084	8,542	**5.9**
1/8/2011	8,608	8,008	16,616	**11.5**
1/9/2011	10,744	10,149	20,893	**14.5**
1/10/2011	8,407	7,976	16,383	**11.4**
1/11/2011	8,414	7,987	16,401	**11.4**
1/12/2011	8,444	7,986	16,430	**11.4**
1/13/2011	8,012	7,466	15,478	**10.7**
1/14/2011	8,464	7,965	16,429	**11.4**
1/15/2011	8,494	8,065	16,559	**11.5**
1/16/2011	1,858	1,765	3,623	**2.5**
1/17/2011			0	**0.0**
1/18/2011			0	**0.0**
1/19/2011			0	**0.0**
1/20/2011	6,485	6,356	12,841	**8.9**
1/21/2011	6,029	5,834	11,863	**8.2**
1/22/2011	8,237	8,030	16,267	**11.3**
1/23/2011	8,147	8,104	16,251	**11.3**
1/24/2011	8,044	8,140	16,184	**11.2**
1/25/2011	10,055	10,242	20,297	**14.1**
1/26/2011	7,935	8,076	16,011	**11.1**
1/27/2011	8,182	8,316	16,498	**11.5**
1/28/2011	4,295	8,201	12,496	**8.7**
1/29/2011	11,471	7,541	19,012	**13.2**
1/30/2011	8,195	8,201	16,396	**11.4**
1/31/2011	8,286	8,297	16,583	**11.5**
Totals:	**210,827**	**203,049**	**413,876**	**9.3**

February, 2011				
Date	Pumped Volume (gallons)			Total Rate (gpm)
	Well #24 (RW15)	Well #27 (RW10)	Total	MP 214
2/1/2011	8,167	8,167	16,334	**11.3**
2/2/2011	9,151	8,740	17,891	**12.4**
2/3/2011	8,665	8,222	16,887	**11.7**
2/4/2011	8,287	7,974	16,261	**11.3**
2/5/2011	8,608	8,315	16,923	**11.8**
2/6/2011	5,791	5,594	11,385	**7.9**
2/7/2011	8,258	7,976	16,234	**11.3**
2/8/2011	8,317	8,038	16,355	**11.4**
2/9/2011	8,040	7,580	15,620	**10.8**
2/10/2011	10,758	10,066	20,824	**14.5**
2/11/2011	8,606	8,167	16,773	**11.6**
2/12/2011	8,547	8,117	16,664	**11.6**
2/13/2011	8,423	7,994	16,417	**11.4**
2/14/2011	6,000	6,378	12,378	**8.6**
2/15/2011	7,000	7,000	14,000	**9.7**
2/16/2011	8,307	7,816	16,123	**11.2**
2/17/2011	8,454	8,008	16,462	**11.4**
2/18/2011	9,269	8,807	18,076	**12.6**
2/19/2011	8,200	8,100	16,300	**11.3**
2/20/2011	8,200	8,100	16,300	**11.3**
2/21/2011	8,200	8,100	16,300	**11.3**
2/22/2011	6,249	5,924	12,173	**8.5**
2/23/2011	8,360	7,997	16,357	**11.4**
2/24/2011	8,365	8,067	16,432	**11.4**
2/25/2011	8,162	7,887	16,049	**11.1**
2/26/2011	10,713	10,309	21,022	**14.6**
2/27/2011	8,257	7,976	16,233	**11.3**
2/28/2011	8,305	8,041	16,346	**11.4**
Totals:	**231,659**	**223,460**	**455,119**	**11.3**

March, 2011				
Date	Pumped Volume (gallons)			Total Rate (gpm)
	Well #24 (RW15)	Well #27 (RW10)	Total	MP 214
3/1/2011	8,297	7,994	16,291	**11.3**
3/2/2011	7,755	7,606	15,361	**10.7**
3/3/2011	8,353	8,093	16,446	**11.4**
3/4/2011	8,387	8,103	16,490	**11.5**
3/5/2011	8,263	8,161	16,424	**11.4**
3/6/2011	120	120	240	**0.2**
3/7/2011			0	**0.0**
3/8/2011			0	**0.0**
3/9/2011			0	**0.0**
3/10/2011			0	**0.0**
3/11/2011			0	**0.0**
3/12/2011			0	**0.0**
3/13/2011			0	**0.0**
3/14/2011			0	**0.0**
3/15/2011			0	**0.0**
3/16/2011			0	**0.0**
3/17/2011			0	**0.0**
3/18/2011	7,232	7,110	14,342	**10.0**
3/19/2011	8,338	8,080	16,418	**11.4**
3/20/2011	8,150	8,140	16,290	**11.3**
3/21/2011	8,040	8,286	16,326	**11.3**
3/22/2011	8,564	9,326	17,890	**12.4**
3/23/2011	6,986	8,252	15,238	**10.6**
3/24/2011	7,084	8,624	15,708	**10.9**
3/25/2011	7,286	8,263	15,549	**10.8**
3/26/2011	5,979	7,125	13,104	**9.1**
3/27/2011	6,047	7,129	13,176	**9.2**
3/28/2011	6,554	8,700	15,254	**10.6**
3/29/2011	6,360	8,754	15,114	**10.5**
3/30/2011	7,610	11,038	18,648	**13.0**
3/31/2011	6,176	9,084	15,260	**10.6**
Totals:	**141,581**	**157,988**	**299,569**	**6.7**

April, 2011				
Date	Pumped Volume (gallons)			Total Rate (gpm)
	Well #24 (RW15)	Well #27 (RW10)	Total	MP 214
4/1/2011	3,332	8,646	11,978	**8.3**
4/2/2011	8,089	8,753	16,842	**11.7**
4/3/2011	5,244	8,418	13,662	**9.5**
4/4/2011	5,282	8,919	14,201	**9.9**
4/5/2011	4,739	9,226	13,965	**9.7**
4/6/2011	5,115	9,088	14,203	**9.9**
4/7/2011	6,140	9,961	16,101	**11.2**
4/8/2011	4,824	8,834	13,658	**9.5**
4/9/2011	4,372	9,665	14,037	**9.7**
4/10/2011	3,936	8,997	12,933	**9.0**
4/11/2011	2,862	6,863	9,725	**6.8**
4/12/2011	3,594	9,809	13,403	**9.3**
4/13/2011	4,178	9,282	13,460	**9.3**
4/14/2011	3,834	9,502	13,336	**9.3**
4/15/2011	3,919	12,453	16,372	**11.4**
4/16/2011	2,411	9,691	12,102	**8.4**
4/17/2011	1,982	10,051	12,033	**8.4**
4/18/2011	6,814	7,776	14,590	**10.1**
4/19/2011	6,438	6,625	13,063	**9.1**
4/20/2011	6,851	7,251	14,102	**9.8**
4/21/2011	6,422	7,281	13,703	**9.5**
4/22/2011	6,616	7,086	13,702	**9.5**
4/23/2011	5,698	6,188	11,886	**8.3**
4/24/2011	5,900	6,867	12,767	**8.9**
4/25/2011	4,553	6,679	11,232	**7.8**
4/26/2011	4,616	6,810	11,426	**7.9**
4/27/2011	3,829	4,925	8,754	**6.1**
4/28/2011	6,788	6,119	12,907	**9.0**
4/29/2011	7,089	6,385	13,474	**9.4**
4/30/2011	6,759	6,217	12,976	**9.0**
Totals:	**152,226**	**244,367**	**396,593**	**9.2**

May, 2011				
Date	Pumped Volume (gallons)			Total Rate (gpm)
	Well #24 (RW15)	Well #27 (RW10)	Total	MP 214
5/1/2011	5,819	8,174	13,993	**9.7**
5/2/2011	250	6,219	6,469	**4.5**
5/3/2011	0	5,986	5,986	**4.2**
5/4/2011	0	6,190	6,190	**4.3**
5/5/2011	0	6,064	6,064	**4.2**
5/6/2011	0	6,240	6,240	**4.3**
5/7/2011	0	6,197	6,197	**4.3**
5/8/2011	0	6,141	6,141	**4.3**
5/9/2011	0	6,828	6,828	**4.7**
5/10/2011	0	6,212	6,212	**4.3**
5/11/2011	0	6,030	6,030	**4.2**
5/12/2011	0	6,409	6,409	**4.5**
5/13/2011	0	4,405	4,405	**3.1**
5/14/2011	0	6,421	6,421	**4.5**
5/15/2011	0	7,061	7,061	**4.9**
5/16/2011		6,700	6,700	**4.7**
5/17/2011	0	7,986	7,986	**5.5**
5/18/2011	0	6,610	6,610	**4.6**
5/19/2011	0	6,711	6,711	**4.7**
5/20/2011	0	6,630	6,630	**4.6**
5/21/2011	0	6,129	6,129	**4.3**
5/22/2011	0	6,534	6,534	**4.5**
5/23/2011		6,658	6,658	**4.6**
5/24/2011		6,475	6,475	**4.5**
5/25/2011		7,431	7,431	**5.2**
5/26/2011		6,686	6,686	**4.6**
5/27/2011		6,625	6,625	**4.6**
5/28/2011		6,616	6,616	**4.6**
5/29/2011		4,758	4,758	**3.3**
5/30/2011		6,355	6,355	**4.4**
5/31/2011		6,719	6,719	**4.7**
Totals:	**6,069**	**200,200**	**206,269**	**4.6**

June, 2011				
Date	Pumped Volume (gallons)			Total Rate (gpm)
	Well #24 (RW15)	Well #27 (RW10)	Total	MP 214
6/1/2011		5,569	5,569	**3.9**
6/2/2011		8,221	8,221	**5.7**
6/3/2011		6,529	6,529	**4.5**
6/4/2011		5,645	5,645	**3.9**
6/5/2011		5,606	5,606	**3.9**
6/6/2011		5,025	5,025	**3.5**
6/7/2011		5,450	5,450	**3.8**
6/8/2011		5,504	5,504	**3.8**
6/9/2011		5,585	5,585	**3.9**
6/10/2011		6,376	6,376	**4.4**
6/11/2011		5,556	5,556	**3.9**
6/12/2011		5,693	5,693	**4.0**
6/13/2011		5,559	5,559	**3.9**
6/14/2011		4,019	4,019	**2.8**
6/15/2011		5,521	5,521	**3.8**
6/16/2011		5,667	5,667	**3.9**
6/17/2011		5,632	5,632	**3.9**
6/18/2011		7,123	7,123	**4.9**
6/19/2011		5,679	5,679	**3.9**
6/20/2011		5,589	5,589	**3.9**
6/21/2011		5,648	5,648	**3.9**
6/22/2011		5,171	5,171	**3.6**
6/23/2011		5,592	5,592	**3.9**
6/24/2011		5,651	5,651	**3.9**
6/25/2011		5,652	5,652	**3.9**
6/26/2011		5,388	5,388	**3.7**
6/27/2011		6,530	6,530	**4.5**
6/28/2011		5,497	5,497	**3.8**
6/29/2011		5,536	5,536	**3.8**
6/30/2011		4,101	4,101	**2.8**
Totals:	**0**	**170,314**	**170,314**	**3.9**

July, 2011				
Date	Pumped Volume (gallons)			Total Rate (gpm)
	Well #24 (RW15)	Well #27 (RW10)	Total	MP 214
7/1/2011		5,592	5,592	**3.9**
7/2/2011		5,648	5,648	**3.9**
7/3/2011		5,536	5,536	**3.8**
7/4/2011		6,982	6,982	**4.8**
7/5/2011		4,388	4,388	**3.0**
7/6/2011		1,318	1,318	**0.9**
7/7/2011		4,000	4,000	**2.8**
7/8/2011		5,106	5,106	**3.5**
7/9/2011		5,448	5,448	**3.8**
7/10/2011		5,320	5,320	**3.7**
7/11/2011		5,338	5,338	**3.7**
7/12/2011		6,219	6,219	**4.3**
7/13/2011		5,027	5,027	**3.5**
7/14/2011		5,110	5,110	**3.5**
7/15/2011	6,579	4,864	11,443	**7.9**
7/16/2011	4,661	3,109	7,770	**5.4**
7/17/2011	6,734	4,494	11,228	**7.8**
7/18/2011	7,188	4,460	11,648	**8.1**
7/19/2011	7,115	4,487	11,602	**8.1**
7/20/2011	7,820	5,599	13,419	**9.3**
7/21/2011	5,856	4,217	10,073	**7.0**
7/22/2011	6,377	4,505	10,882	**7.6**
7/23/2011	5,481	4,345	9,826	**6.8**
7/24/2011	5,317	3,173	8,490	**5.9**
7/25/2011	5,151	5,425	10,576	**7.3**
7/26/2011	4,691	4,531	9,222	**6.4**
7/27/2011	5,211	4,621	9,832	**6.8**
7/28/2011	5,767	4,998	10,765	**7.5**
7/29/2011	4,851	4,294	9,145	**6.4**
7/30/2011	5,218	4,625	9,843	**6.8**
7/31/2011	4,821	4,274	9,095	**6.3**
Totals:	**98,838**	**147,053**	**245,891**	**5.5**

August, 2011				
Date	Pumped Volume (gallons)			Total Rate (gpm)
	Well #24 (RW15)	Well #27 (RW10)	Total	MP 214
8/1/2011	4,057	3,268	7,325	**5.1**
8/2/2011	5,868	4,440	10,308	**7.2**
8/3/2011	5,348	4,113	9,461	**6.6**
8/4/2011	5,840	4,347	10,187	**7.1**
8/5/2011	7,361	5,451	12,812	**8.9**
8/6/2011	5,728	4,296	10,024	**7.0**
8/7/2011	5,724	4,293	10,017	**7.0**
8/8/2011	5,748	4,311	10,059	**7.0**
8/9/2011	5,334	3,999	9,333	**6.5**
8/10/2011	5,779	4,335	10,114	**7.0**
8/11/2011	5,724	4,293	10,017	**7.0**
8/12/2011	5,772	4,326	10,098	**7.0**
8/13/2011	6,288	4,719	11,007	**7.6**
8/14/2011	5,684	4,260	9,944	**6.9**
8/15/2011	5,836	4,377	10,213	**7.1**
8/16/2011	5,676	4,260	9,936	**6.9**
8/17/2011	4,124	3,090	7,214	**5.0**
8/18/2011	4,784	4,398	9,182	**6.4**
8/19/2011	1,537	4,748	6,285	**4.4**
8/20/2011	0	5,573	5,573	**3.9**
8/21/2011	0	6,364	6,364	**4.4**
8/22/2011	0	5,862	5,862	**4.1**
8/23/2011	0	6,515	6,515	**4.5**
8/24/2011	4,525	5,057	9,582	**6.7**
8/25/2011	4,877	4,337	9,214	**6.4**
8/26/2011	5,249	4,617	9,866	**6.9**
8/27/2011	4,983	4,427	9,410	**6.5**
8/28/2011	5,231	4,774	10,005	**6.9**
8/29/2011	5,527	5,115	10,642	**7.4**
8/30/2011	4,925	4,501	9,426	**6.5**
8/31/2011	5,063	4,652	9,715	**6.7**
Totals:	**142,592**	**143,118**	**285,710**	**6.4**

September, 2011				
Date	Pumped Volume (gallons)			Total Rate (gpm)
	Well #24 (RW15)	Well #27 (RW10)	Total	MP 214
9/1/2011	4,891	4,604	9,495	**6.6**
9/2/2011	3,537	3,332	6,869	**4.8**
9/3/2011	4,874	4,593	9,467	**6.6**
9/4/2011	4,860	4,580	9,440	**6.6**
9/5/2011	4,944	4,661	9,605	**6.7**
9/6/2011	6,114	5,762	11,876	**8.2**
9/7/2011	4,921	4,639	9,560	**6.6**
9/8/2011	4,828	4,554	9,382	**6.5**
9/9/2011	4,844	4,566	9,410	**6.5**
9/10/2011	4,635	4,365	9,000	**6.3**
9/11/2011	4,869	4,589	9,458	**6.6**
9/12/2011	4,893	4,605	9,498	**6.6**
9/13/2011	4,907	4,614	9,521	**6.6**
9/14/2011	5,331	5,017	10,348	**7.2**
9/15/2011	4,921	4,629	9,550	**6.6**
9/16/2011	4,928	4,535	9,463	**6.6**
9/17/2011	5,759	4,863	10,622	**7.4**
9/18/2011	4,275	3,658	7,933	**5.5**
9/19/2011	5,904	4,988	10,892	**7.6**
9/20/2011	5,793	4,923	10,716	**7.4**
9/21/2011	5,896	4,931	10,827	**7.5**
9/22/2011	6,885	5,838	12,723	**8.8**
9/23/2011	6,144	5,220	11,364	**7.9**
9/24/2011	5,720	4,860	10,580	**7.3**
9/25/2011	5,289	4,427	9,716	**6.7**
9/26/2011	5,985	5,114	11,099	**7.7**
9/27/2011	5,789	5,113	10,902	**7.6**
9/28/2011	4,125	5,149	9,274	**6.4**
9/29/2011	3,880	4,953	8,833	**6.1**
9/30/2011	5,706	5,221	10,927	**7.6**
Totals:	**155,447**	**142,903**	**298,350**	**6.9**

October, 2011				
Date	Pumped Volume (gallons)			Total Rate (gpm)
	Well #24 (RW15)	Well #27 (RW10)	Total	MP 214
10/1/2011	5,140	4,634	9,774	**6.8**
10/2/2011	4,523	4,349	8,872	**6.2**
10/3/2011	4,335	4,191	8,526	**5.9**
10/4/2011	3,098	2,976	6,074	**4.2**
10/5/2011	4,673	4,329	9,002	**6.3**
10/6/2011	4,676	4,332	9,008	**6.3**
10/7/2011	4,536	4,254	8,790	**6.1**
10/8/2011	5,892	5,532	11,424	**7.9**
10/9/2011	4,435	4,281	8,716	**6.1**
10/10/2011	4,661	4,286	8,947	**6.2**
10/11/2011	4,727	4,332	9,059	**6.3**
10/12/2011	4,280	4,011	8,291	**5.8**
10/13/2011	4,759	4,356	9,115	**6.3**
10/14/2011	4,288	4,327	8,615	**6.0**
10/15/2011	4,167	4,311	8,478	**5.9**
10/16/2011	4,569	4,761	9,330	**6.5**
10/17/2011	4,006	4,293	8,299	**5.8**
10/18/2011	3,957	4,285	8,242	**5.7**
10/19/2011	4,176	4,230	8,406	**5.8**
10/20/2011	2,838	3,007	5,845	**4.1**
10/21/2011	4,078	4,231	8,309	**5.8**
10/22/2011	4,127	4,214	8,341	**5.8**
10/23/2011	4,001	4,144	8,145	**5.7**
10/24/2011	4,805	4,974	9,779	**6.8**
10/25/2011	3,976	4,118	8,094	**5.6**
10/26/2011	4,085	4,235	8,320	**5.8**
10/27/2011	4,048	4,191	8,239	**5.7**
10/28/2011	4,553	4,068	8,621	**6.0**
10/29/2011	4,861	4,033	8,894	**6.2**
10/30/2011	4,727	4,109	8,836	**6.1**
10/31/2011	4,167	3,938	8,105	**5.6**
Totals:	**135,164**	**131,332**	**266,496**	**5.9**

November, 2011				
Date	Pumped Volume (gallons)			Total Rate (gpm)
	Well #24 (RW15)	Well #27 (RW10)	Total	MP 214
11/1/2011	4,495	4,357	8,852	**6.1**
11/2/2011	3,551	3,764	7,315	**5.1**
11/3/2011	3,675	4,070	7,745	**5.4**
11/4/2011	3,585	4,016	7,601	**5.3**
11/5/2011	2,518	2,821	5,339	**3.7**
11/6/2011	3,726	4,240	7,966	**5.5**
11/7/2011	3,475	4,058	7,533	**5.2**
11/8/2011	3,790	3,911	7,701	**5.3**
11/9/2011	4,638	4,818	9,456	**6.6**
11/10/2011	3,588	3,798	7,386	**5.1**
11/11/2011	3,858	4,171	8,029	**5.6**
11/12/2011	3,505	3,790	7,295	**5.1**
11/13/2011	3,240	3,503	6,743	**4.7**
11/14/2011	3,602	3,892	7,494	**5.2**
11/15/2011	3,618	3,912	7,530	**5.2**
11/16/2011	3,590	3,884	7,474	**5.2**
11/17/2011	3,954	4,274	8,228	**5.7**
11/18/2011	3,620	3,907	7,527	**5.2**
11/19/2011	3,614	3,904	7,518	**5.2**
11/20/2011	3,551	3,843	7,394	**5.1**
11/21/2011	2,603	2,856	5,459	**3.8**
11/22/2011	3,577	3,934	7,511	**5.2**
11/23/2011	3,526	3,900	7,426	**5.2**
11/24/2011	3,497	3,916	7,413	**5.1**
11/25/2011	4,153	4,670	8,823	**6.1**
11/26/2011	3,394	3,819	7,213	**5.0**
11/27/2011	3,572	3,812	7,384	**5.1**
11/28/2011	3,585	3,733	7,318	**5.1**
11/29/2011	3,132	3,462	6,594	**4.6**
11/30/2011	3,325	3,646	6,971	**4.8**
Totals:	**107,557**	**116,681**	**224,238**	**5.2**

December, 2011				
Date	Pumped Volume (gallons)			Total Rate (gpm)
	Well #24 (RW15)	Well #27 (RW10)	Total	MP 214
12/1/2011	3,325	3,610	6,935	**4.8**
12/2/2011	3,336	3,625	6,961	**4.8**
12/3/2011	3,563	3,961	7,524	**5.2**
12/4/2011	3,108	3,619	6,727	**4.7**
12/5/2011	3,456	4,056	7,512	**5.2**
12/6/2011	3,462	3,866	7,328	**5.1**
12/7/2011	2,442	2,752	5,194	**3.6**
12/8/2011	3,466	3,903	7,369	**5.1**
12/9/2011	3,499	3,941	7,440	**5.2**
12/10/2011	3,372	3,801	7,173	**5.0**
12/11/2011	4,234	4,917	9,151	**6.4**
12/12/2011	3,305	3,963	7,268	**5.0**
12/13/2011	2,802	3,186	5,988	**4.2**
12/14/2011	3,062	3,659	6,721	**4.7**
12/15/2011	2,786	3,449	6,235	**4.3**
12/16/2011	3,037	3,692	6,729	**4.7**
12/17/2011	3,015	3,688	6,703	**4.7**
12/18/2011	3,020	3,702	6,722	**4.7**
12/19/2011	3,364	4,005	7,369	**5.1**
12/20/2011	3,060	3,602	6,662	**4.6**
12/21/2011	2,952	3,534	6,486	**4.5**
12/22/2011	3,108	3,554	6,662	**4.6**
12/23/2011	2,162	2,471	4,633	**3.2**
12/24/2011	3,024	3,453	6,477	**4.5**
12/25/2011	3,013	3,442	6,455	**4.5**
12/26/2011	3,324	3,572	6,896	**4.8**
12/27/2011	3,211	4,830	8,041	**5.6**
12/28/2011	2,175	3,849	6,024	**4.2**
12/29/2011	2,210	3,868	6,078	**4.2**
12/30/2011	2,244	4,033	6,277	**4.4**
12/31/2011	1,984	3,490	5,474	**3.8**
Totals:	**94,121**	**115,093**	**209,214**	**4.7**
Annual Total:	**1,476,081**	**1,995,558**	**3,471,639**	**- -**

APPENDIX C

Explanation of Treatment System Down-time

2011 OPERATIONAL HISTORY OF THE ROD AND WIRE MILL INTERIM MEASURE TREATMENT SYSTEM

1/5 – 1/7 SYSTEM DOWN DUE TO CAUSTIC LEAK.

1/16-1/20 SYSTEM DOWN DUE TO CAUSTIC LEAK.

3/6-3/18 SYSTEM DOWN TO REPLACE CAUSTIC FEED AND RECIRC PIPING.

5/2-7/15 WELL 24 (RW-15) OFF.WELL 24 FAULTY AND STUCK IN WELL CASING.

8/19-8/24 WELL 24 (RW-15) OFF DUE TO FAULTY MOTOR.REPLACED PUMP AND MOTOR.