SDG COVER PAGE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No.: 3225.1,3226.1 SDG No.: MYE4Y7

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MYE4Y7	P4538-01	X	X		
MYE4Y8	P4538-02	X	X		
MYE4Y9	P4538-03	X	X		
MYE4Z0	P4538-04	X	X		
MYE4Z1	P4538-05	X	X		
MYE4Z2	P4538-06	X	X		
MYE4Z3	P4538-07	X	X		
MYE4Z4	P4538-08	X	X		
MYE4Z5	P4538-09	X	X		
MYE4Z6	P4538-10	X	X		
MYE4Z6D	P4538-11	X	X		
MYE4Z6S	P4538-12	X	X		
MYE4Z7	P4538-13	X	X		
MYE4Z8	P4538-14	X	X		
MYE4Z9	P4538-15	X	X		
MYE500	P4538-16	X	X		
MYE501	P4538-17	X	X		
MYE502	P4538-18	X	X		
MYE503	P4538-19	X	X		
MYE504	P4538-20	X	X		
MYE505	P4538-21	X	X		

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the SDG Narrative. All edits and manual integrations have been peer-reviewed. Release of the data contained in this hardcopy Complete SDG File and in the electronic data submitted has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: _____

Date: _____ Title: _____

68HERH20D0011 SDG#MYE4Y7

USEPA CLP COC (LAB COPY)
DateShipped: 10/23/2024
CarrierName: FedEx
AirbillNo: 7793 0496 8902

CHAIN OF CUSTODY RECORD

Case #: 51817
Cooler #: EPA Cooler 07

No: 9-101424-084510-0141
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
90029-G-0001-01	MYE4Y7	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8155 (None) (1)	90029-G-0001	04/24/2024 14:18	
90029-G-0002-01	MYE4Y8	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8156 (None) (1)	90029-G-0002	04/24/2024 14:25	
90029-G-0003-01	MYE4Y9	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8157 (None) (1)	90029-G-0003	04/24/2024 13:59	
90029-G-0004-01	MYE4Z0	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8158 (None) (1)	90029-G-0004	04/24/2024 14:12	
90029-G-0005-01	MYE4Z1	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8159 (None) (1)	90029-G-0005	04/24/2024 14:07	
90029-G-0006-01	MYE4Z2	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8160 (None) (1)	90029-G-0006	04/24/2024 14:21	
90029-G-0007-01	MYE4Z3	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8161 (None) (1)	90029-G-0007	04/24/2024 14:22	
90029-G-0008-01	MYE4Z4	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8162 (None) (1)	90029-G-0008	04/24/2024 14:10	
90029-G-0009-01	MYE4Z5	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8163 (None) (1)	90029-G-0009	04/24/2024 14:25	
90029-G-0009-02	MYE4Z6	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8164 (None) (1)	90029-G-0009	04/24/2024 14:25	✓ Qa
90029-G-0010-01	MYE4Z7	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8165 (None) (1)	90029-G-0010	04/24/2024 14:14	
90029-G-0011-01	MYE4Z8	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8166 (None) (1)	90029-G-0011	04/24/2024 14:06	
90029-H-0001-01	MYE4Z9	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8167 (None) (1)	90029-H-0001	04/24/2024 11:22	
90029-H-0002-01	MYE500	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8168 (None) (1)	90029-H-0002	04/24/2024 11:42	
90029-H-0003-01	MYE501	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8169 (None) (1)	90029-H-0003	04/24/2024 11:30	
90029-H-0004-01	MYE502	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8170 (None) (1)	90029-H-0004	04/24/2024 11:02	
90029-H-0004-02	MYE503	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8171 (None) (1)	90029-H-0004	04/24/2024 11:03	
90029-H-0005-01	MYE504	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8172 (None) (1)	90029-H-0005	04/24/2024 11:12	
90029-H-0006-01	MYE505	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8173 (None) (1)	90029-H-0006	04/24/2024 11:38	

Sample(s) to be used for Lab QC: 90029-G-0009-02 Tag 9-8164 - Special Instructions: ICP-AES 11+Metals:Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn ICP-MS 11+ Metals: Ag, As, Ba,Be, Cd, Co, Cr, Cu, Ni, Pb, Sb, Se,Tl, V, Zn

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-AES and ICP-MS=Metals ICP-AES and ICP-MS

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	Emily Johnson R9	10/18/24 1605			IR gun #1 18.4°
			R. Melendez	10/24/24 9:50	custody seal intact
					NO Temp BLANK

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 1
Received By (Print Name) Cassandra Reis		Log-in Date 10/24/2024
Received By (Signature)		
Case Number 51817	SDG No. MYE4Y7	MA No. 3225.1,3226.1

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	779304968902 1
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	18.1 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	10/24/2024
12.Time Received	09:50

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MYE4Y7	N/A	9-8155	P4538-01	Intact
2	MYE4Y8	N/A	9-8156	P4538-02	Intact
3	MYE4Y9	N/A	9-8157	P4538-03	Intact
4	MYE4Z0	N/A	9-8158	P4538-04	Intact
5	MYE4Z1	N/A	9-8159	P4538-05	Intact
6	MYE4Z2	N/A	9-8160	P4538-06	Intact
7	MYE4Z3	N/A	9-8161	P4538-07	Intact
8	MYE4Z4	N/A	9-8162	P4538-08	Intact
9	MYE4Z5	N/A	9-8163	P4538-09	Intact
10	MYE4Z6	N/A	9-8164	P4538-10	Intact
11	MYE4Z6D	N/A	9-8164	P4538-11	Intact
12	MYE4Z6S	N/A	9-8164	P4538-12	Intact
13	MYE4Z7	N/A	9-8165	P4538-13	Intact
14	MYE4Z8	N/A	9-8166	P4538-14	Intact
15	MYE4Z9	N/A	9-8167	P4538-15	Intact
16	MYE500	N/A	9-8168	P4538-16	Intact
17	MYE501	N/A	9-8169	P4538-17	Intact
18	MYE502	N/A	9-8170	P4538-18	Intact
19	MYE503	N/A	9-8171	P4538-19	Intact
20	MYE504	N/A	9-8172	P4538-20	Intact
21	MYE505	N/A	9-8173	P4538-21	Intact
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

Contact SMO and attach record of resolution

Reviewed By		Logbook No.	N/A
Date	10/24/24	Logbook Page No.	N/A

FORM DC-2
COMPLETE SDG FILE (CSF) INVENTORY SHEET

LAB NAME	**Alliance Technical Group, LLC**		
LAB CODE	**ACE**		
CONTRACT NO.	**68HERH20D0011**		
CASE NO.	**51817**	SDG NO.	**MYE4Y7**
MA NO.	**3225.1,3226.1**	SOW NO.	**SFAM01.1**

All documents delivered in the Complete SDG File must be original documents where possible.
(Reference - Exhibit B Section 2.4)

	PAGE NOs: FROM	PAGE NOs: TO	CHECK LAB	CHECK REGION
1 . SDG Cover Page	1	1	✓	
2 . Traffic Report/Chain of Custody Record(s)	2	2	✓	
3 . Sample Log-In Sheet (DC-1)	3	3	✓	
4 . CSF Inventory Sheet (DC-2)	4	6	✓	
5 . SDG Narrative	7	16	✓	
6 . Communication Logs	NA	NA	✓	
7 . Percent Solids Log	17	19	✓	
Analysis Forms and Data (ICP-AES)				
8 . Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	20	38	✓	
9 . Instrument raw data by instrument in analysis order	39	219	✓	
Other Data				
10 . Standard and Reagent Preparation Logs	220	360	✓	
11 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	361	362	✓	
12 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	363	372	✓	
13 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
14 . Extraction Logs for TCLP and SPLP	NA	NA	✓	
15 . Raw GPC Data	NA	NA	✓	
16 . Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (ICP-MS)				
17 . Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	373	391	✓	
18 . Instrument raw data by instrument in analysis order	392	1912	✓	
Other Data				
19 . Standard and Reagent Preparation Logs	1913	2051	✓	
20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	2052	2053	✓	
21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	2054	2071	✓	
22 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

	PAGE NOs: FROM	TO	CHECK LAB	REGION
23. Extraction Logs for TCLP and SPLP	NA	NA	✓	
24. Raw GPC Data	NA	NA	✓	
25. Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (Mercury)				
26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	NA	NA	✓	
27. Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
28. Standard and Reagent Preparation Logs	NA	NA	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
32. Extraction Logs for TCLP and SPLP	NA	NA	✓	
33. Raw GPC Data	NA	NA	✓	
34. Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (Cyanide)				
35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	NA	NA	✓	
36. Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
37. Standard and Reagent Preparation Logs	NA	NA	✓	
38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
41. Extraction Logs for TCLP and SPLP	NA	NA	✓	
42. Raw GPC Data	NA	NA	✓	
43. Raw Florisil Data	NA	NA	✓	

	PAGE NOs: FROM	TO	CHECK LAB	REGION
Additional				
44. EPA Shipping/Receiving Documents				
Airbill (No. of Shipments 1)	2072	2072	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	2073	2075	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	2076	2077	✓	
47. Other Records and related Communication Logs (describe or list)				
	NA	NA	✓	

48. Comments:

Completed by: (CLP Lab)		Nimisha Pandya, Document Control Officer	
	(Signature)	(Print Name & Title)	(Date)
Audited by: (EPA)			
	(Signature)	(Print Name & Title)	(Date)

284 Sheffield Street
Mountainside, NJ 07092

SDG NARRATIVE

USEPA
SDG # MYE4Y7
CASE # 51817
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P4538
MODIFIED ANALYSIS #3225.1, 3226.1

A. Number of Samples and Date of Receipt

19 Soil samples were delivered to the laboratory intact on 10/24/2024.

B. Parameters

Test requested for Metals CLP FULL = Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc.

Test requested for Metals CLP MS FULL = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc.

C. Cooler Temp

Indicator Bottle**:** Presence**/Absence**

Cooler: 18.1^{o}C

D. Detail Documentation (related to Sample Handling Shipping, Analytical Problem, Temp of Cooler etc):

Issue: A "P" or "M" prefix was listed at the beginning of a CLP sample ID.

E. Corrective Action taken for above:

Resolution: To maintain COC integrity, ASB requests no changes to the Sample IDs. The laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

F. Analytical Techniques:

All analyses were based on CLP Methodology by method SFAM01.1.

Inter Element correction factors (IECs) are determined annually and correction factor are applied during ICP-AES analysis.

G. Calculation:

Calculation for ICP-AES Soil Sample:

Conversion of Results from mg/L or ppm to mg/kg (Dry Weight Basis):

$$\text{Concentration (mg/kg)} = C \times \frac{Vf}{W \times S} \times DF$$

Where,

C = Instrument value in ppm (The average of all replicate exposures)
Vf = Final digestion volume (mL)
W = Initial aliquot amount (g) (Sample amount taken in prep)
S = % Solids / 100 (Fraction of Percent Solids)
DF = Dilution Factor

Example Calculation For Sample MYE4Y7 For Antimony:

If C = 0.0137575 ppm
Vf = 100 ml
W = 1.42 g
S = 0.97(97.0/100)
DF = 2

$$\text{Concentration (mg/kg)} = 0.0137575 \times \frac{100}{1.42 \times 0.97} \times 2$$

$$= 1.99760 \text{ mg/kg}$$

= 2.0 mg/kg (Reported Result with Signification)

Calculation for ICP-MS Soil Sample:

Conversion of Results from µg /L or ppb to mg/kg :

$$\text{Concentration (mg/kg)} = C \times \frac{Vf}{W \times S} \times DF / 1000$$

Where,

C = Instrument value in ppb (The average of all replicate integrations)
Vf = Final digestion volume (mL)
W = Initial aliquot amount (g) (Fraction of Sample amount taken in prep)

S = % Solids / 100 (Fraction of Percent Solids)
DF = Dilution Factor

Example Calculation For Sample MYE4Y7 For Antimony:

If C = 2.38 ppb
Vf = 500 ml
W = 1.42 g
S = 0.97(97.0/100)
DF = 1

$$\text{Concentration (mg/kg)} = 2.38 \times \frac{500}{1.42 \times 0.97} \times 1 / 1000$$

$$= 0.86394 \text{ mg/kg}$$

$$= 0.86 \text{ mg/kg (Reported Result with Signification)}$$

H. QA/ QC

Calibrations met requirements. Interference check met requirements. Blank analyses did not indicate any presence of contamination. Laboratory Control sample was within control limits. Spike sample (MYE4Z6SRE) did meet requirements except for Arsenic, Lead. Spike sample (MYE4Z6S) did meet requirements except for Copper. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

Internal standard 89Y(1) was out Side qc limit for samples MYE4Y8 in Original so for these samples affected parameters are reported from 2X Dilution.

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

Internal Standard Association for ICP-MS analysis.

Target Analyte	Associated Internal Standard
Antimony	159Tb
Arsenic	89Y
Barium	159Tb
Beryllium	6Li

284 Sheffield Street
Mountainside, NJ 07092

Cadmium	159Tb
Chromium	45Sc
Cobalt	45Sc
Copper	45Sc
Lead	209Bi
Nickel	45Sc
Selenium	89Y
Silver	159Tb
Thallium	209Bi
Vanadium	45Sc
Zinc	45Sc

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature_____ Name: Nimisha Pandya

Date _____ Title: Document Control Officer

Date: 09/11/2024	**MA:** 3225.1	**Title:** ICP-MS with Modified Preparation Method and Analysis of Soils with Additional Laboratory QC
Method Source: SFAM01.1	**Method:** ICP-MS	
Matrix: Soil/Sediment		

Summary of Modification

The purpose of this modified analysis is to prepare samples by EPA Draft Method 3050C (see below) with additional modified LCS and Matrix Spikes and analyze for the scheduled target analytes by ICP-MS. Unless specifically modified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

I. Analyte Modifications **Not applicable** ☒

II. Calibration and QC Requirements **Not applicable** ☐

The Laboratory shall:

- Use the Method Detection Limits (MDLs) determined for routine soil analyses (i.e., Method 200.8) to report the results for these analyses. The Laboratory is NOT required to perform an MDL study for Draft Method 3050C.
- Prepare and analyze an additional Laboratory Control Sample (LCS) spiked at the CRQL. Percent Recovery limits do NOT apply to this LCS and no corrective actions are required.
- Prepare a Matrix Spike spiked at three times the levels specified in the SOW.
- Prepare and analyze an additional Matrix Spike sample spiked at five times the levels specified for this Modified Analysis (i.e., 15x the levels specified in the SOW).
- Post-Digestion Spike requirements apply to the 5x Matrix Spike only.
- Post-Digestion Spike corrective actions apply to Sb.

III. Preparation and Method Modifications **Not applicable** ☐

The Laboratory shall:

- Prepare and analyze the sample by EPA Draft Method 3050C as follows:
  - Mix sample thoroughly and transfer 1.00 – 1.50 g to a digestion vessel.
  - Add 10 mL 1:1 HNO_3 and 5 mL 1:1 HCl, heat the sample at 95°C (±3°C) and reflux 10-15 minutes.
  - Add 5 mL concentrated HNO_3 and reflux for 30 minutes at 95°C (±3°C), repeat until digestion complete.
  - Concentrate sample to 5 mL or reflux without boiling for 2 hours at 95°C (±3°C).
  - Cool sample, add 2mL water and 3 mL 30% H_2O_2. Heat at 95°C (±3°C) and add additional 1 mL aliquots of 30% H_2O_2 until effervescence is minimal.
  - Reduce volume to 5 mL or reflux without boiling for 2 hours at 95°C (±3°C).
  - Dilute to 100 mL with water, centrifuge or filter as necessary prior to analysis.
- The same sample extracts can be used for ICP-AES analysis. Separate Matrix Spikes and LCS will need to be prepared for both ICP-AES and ICP-MS analyses.
- Analyze the samples starting at an initial 5x dilution. Subsequently, dilute samples as necessary to bring the analyte concentrations within the calibration range of the instrument per the SOW.
- Method Blanks, both LCSs, and all instrument QC are to be analyzed undiluted.

IV. Special Reporting Requirements	**Not applicable** ☐

The Laboratory shall:

- Ensure the SDG Narrative is updated as stated in the SOW, including any technical and administrative problems encountered and the resolution or corrective actions taken. These problems may include interference problems encountered during analysis, dilutions, re-analyses and/or re-preparations performed, and problems with the analysis of samples. Also include a discussion of any SOW Modified Analyses, including a copy of the approved modification form with the SDG Narrative.
- Initial analysis data are reported with a dilution factor of 1.0 and a final volume of 500 mL, per the SOW.
- Report the additional LCS as “LCSD” in the raw data and in the EDD with QCType “Laboratory_Control_Sample_Duplicate”.
- Report the additional Matrix Spike with an “SRE” suffix in the raw data and EDD.
- Report any Post-Digestion Spike of the additional 5x Matrix Spike with an “ARE” suffix.

Date: 09/11/2024	**MA:** 3226.1	**Title:** ICP-AES with Modified Preparation Method and Analysis of Soils with Additional Laboratory QC
Method Source: SFAM01.1	**Method:** ICP-AES	
Matrix: Soil/Sediment		

Summary of Modification

The purpose of this modified analysis is to prepare samples by EPA Draft Method 3050C (see below) with additional modified LCS and Matrix Spikes and analyze for the scheduled target analytes by ICP-AES. Unless specifically modified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

I. Analyte Modifications **Not applicable** ☒

II. Calibration and QC Requirements **Not applicable** ☐

The Laboratory shall:

- Use the Method Detection Limits determined for routine soil analyses (i.e., Method 3050B) to report the results for these analyses. The Laboratory is NOT required to perform an MDL study for Draft Method 3050C.
- Prepare and analyze an additional Laboratory Control Sample (LCS) spiked at the CRQL. Percent Recovery limits do NOT apply to this LCS and no corrective actions are required.
- Prepare a Matrix Spike spiked at two times the levels specified in the SOW.
- Post-Digestion Spike requirements apply to the 2x Matrix Spike.
- Post-Digestion Spike corrective actions apply to Sb.

III. Preparation and Method Modifications **Not applicable** ☐

The Laboratory shall:

- Prepare and analyze the sample by EPA Draft Method 3050C as follows:
  - Mix sample thoroughly and transfer 1.00 – 1.50 g to a digestion vessel.
  - Add 10 mL 1:1 HNO_3 and 5 mL 1:1 HCl, heat the sample at 95°C (±3°C) and reflux 10 -15 minutes.
  - Add 5 mL concentrated HNO_3 and reflux for 30 minutes at 95°C (±3°C), repeat until digestion complete.
  - Concentrate sample to 5 mL or reflux without boiling for 2 hours at 95°C (±3°C).
  - Cool sample, add 2mL water and 3 mL 30% H_2O_2. Heat at 95°C (±3°C) and add additional 1 mL aliquots of 30% H_2O_2 until effervescence is minimal.
  - Reduce volume to 5 mL or reflux without boiling for 2 hours at 95°C (±3°C).
  - Dilute to 100 mL with water, centrifuge or filter as necessary prior to analysis.
- The same sample extracts can also be used for ICP-MS analysis. Separate Matrix Spikes and LCS will need to be prepared for both ICP-AES and ICP-MS analyses.
- Analyze the samples starting at an initial 2x dilution. Subsequently, dilute samples as necessary to bring the analyte concentrations within the calibration range of the instrument per the SOW.
- Verify that the dilution was adequate to reduce interferents to within the method calibration range. This can optionally be verified by visual verification of the spectrogram or by analysis of a serial dilution. There are other acceptable means to provide assurance, e.g. some software may automatically provide guidance to the analyst.
- Method Blanks, both LCS, and all instrument QC are to be analyzed undiluted.

IV. Special Reporting Requirements **Not applicable** ☐

The Laboratory shall:

- Ensure the SDG Narrative is updated as stated in the SOW, including any technical and administrative problems encountered and the resolution or corrective actions taken. These problems may include interference problems encountered during analysis, dilutions, re-analyses and/or re-preparations performed, and problems with the analysis of samples. Also include a discussion of any SOW Modified Analyses, including a copy of the approved modification form with the SDG Narrative.
- Initial analysis data are reported with a dilution factor of 2.0 and a final volume of 100 mL, per the SOW.
- Report the additional LCS as "LCSD" in the raw data and in the EDD with QCType "Laboratory_Control_Sample_Duplicate".
- Ensure that up-to-date Interelement Correction Factors (IECs) are provided with the data package.

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
As 189.042 {479}	☒	1	Fe	-0.000064	0.000000	No
Tl 190.856 {477}	☒	5	Mo	-0.002450	0.000000	No
			Co	0.002248	0.000000	No
			Ti	-0.000500	0.000000	No
			Mn	0.000370	0.000000	No
			V	-0.012340	0.000000	No
Pb 220.353 {453}	☒	6	Mo	-0.001480	0.000000	No
			Al	-0.000075	0.000000	No
			Cu	0.001400	0.000000	No
			Fe	0.000030	0.000000	No
			Mn	0.000340	0.000000	No
			Ni	0.000630	0.000000	No
Se 196.090 {472}	☒	3	Fe	-0.000308	0.000000	No
			Mn	0.000470	0.000000	No
			Co	-0.000630	0.000000	No
Sb 206.833 {463}	☒	4	Cr	0.010700	0.000000	No
			V	-0.001168	0.000000	No
			Mo	-0.002850	0.000000	No
			Ni	-0.000440	0.000000	No
Al 396.152 { 85}	☒	1	Mo	0.037230	0.000000	No
Ba 493.409 { 68}	☐	None				
Be 234.861 {144}	☒	3	Mo	-0.000320	0.000000	No
			Fe	0.000010	0.000000	No
			Mn	-0.000047	0.000000	No
Cd 214.438 {457}	☒	1	Fe	0.000040	0.000000	No
Ca 373.690 { 90}	☐	None				
Cr 267.716 {126}	☒	1	Mn	0.000160	0.000000	No
Co 228.616 {448}	☒	2	Ti	0.001840	0.000000	No
			Mo	-0.001230	0.000000	No
Cu 324.754 {104}	☒	4	Co	-0.000796	0.000000	No
			Fe	-0.000100	0.000000	No
			Mn	0.000345	0.000000	No
			Ni	0.000895	0.000000	No
Fe 259.837 {130}	☐	None				
Mn 257.610 {131}	☒	1	Ni	0.000897	0.000000	No
Mg 279.079 {121}	☐	None				
Ni 231.604 {446}	☐	None				
Ag 328.068 {103}	☒	3	Fe	-0.000100	0.000000	No
			Mn	0.000146	0.000000	No
			V	-0.000889	0.000000	No
Na 818.326 { 41}	☐	None				
V 292.402 {115}	☒	2	Mo	-0.008480	0.000000	No
			Cr	-0.002220	0.000000	No
Zn 206.200 {464}	☐	None				
Zn 213.856 {158}	☒	1	Ni	0.007280	0.000000	No
K 769.896 { 44}	☐	None				
P 177.495 {490}	☒	2	Ni	0.001640	0.000000	No
			Cu	-0.012530	0.000000	No
B 249.678 {135}	☒	3	Co	0.002880	0.000000	No
			V	-0.002000	0.000000	No
			Fe	-0.001360	0.000000	No
Mo 202.030 {467}	☐	None				
S 182.034 {485}	☒	2	Mo	-0.008000	0.000000	No
			Mn	0.002700	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Si 251.611 {134}	☒	2	Mo	0.010520	0.000000	No
			Ti	0.005650	0.000000	No
Sn 189.989 {478}	☐	None				
Ti 336.121 {100}	☒	1	Ni	-0.001000	0.000000	No
Li 670.784 { 50}	☐	None				
Y 224.306 {450}*	☐	None				
Y 360.073 { 94}*	☐	None				
Y 371.030 { 91}*	☐	None				
Y 224.306 {150}*	☐	None				
In 230.606 {446}*	☐	None				
Sr 407.771 { 83}	☐	None				

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/28/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 15:15
In Date: 10/26/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 10/27/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133147

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4538-01	MYE4Y7	1	1.16	8.68	9.84	9.58	97.0	
P4538-02	MYE4Y8	2	1.17	8.42	9.59	9.46	98.5	
P4538-03	MYE4Y9	3	1.17	8.69	9.86	9.75	98.7	
P4538-04	MYE4Z0	4	1.16	8.37	9.53	9.34	97.7	
P4538-05	MYE4Z1	5	1.16	8.61	9.77	9.54	97.3	
P4538-06	MYE4Z2	6	1.16	8.35	9.51	9.38	98.4	
P4538-07	MYE4Z3	7	1.17	8.61	9.78	9.66	98.6	
P4538-08	MYE4Z4	8	1.18	8.72	9.9	9.68	97.5	
P4538-09	MYE4Z5	9	1.17	8.37	9.54	9.42	98.6	
P4538-10	MYE4Z6	10	1.17	8.41	9.58	9.45	98.5	
P4538-11	MYE4Z6D	11	1.17	8.41	9.58	9.45	98.5	
P4538-12	MYE4Z6S	12	1.17	8.41	9.58	9.45	98.5	
P4538-13	MYE4Z7	13	1.18	8.43	9.61	9.47	98.3	
P4538-14	MYE4Z8	14	1.19	8.61	9.8	9.62	97.9	
P4538-15	MYE4Z9	15	1.15	8.40	9.55	9.43	98.6	
P4538-16	MYE500	16	1.15	8.42	9.57	9.5	99.2	
P4538-17	MYE501	17	1.17	8.72	9.89	9.71	97.9	
P4538-18	MYE502	18	1.18	8.35	9.53	9.3	97.2	
P4538-19	MYE503	19	1.16	8.41	9.57	9.39	97.9	
P4538-20	MYE504	20	1.18	8.52	9.7	9.5	97.7	
P4538-21	MYE505	21	1.14	8.68	9.82	9.65	98.0	
P4544-01	MYE5G1	22	1.16	8.46	9.62	9.09	93.7	
P4544-02	MYE5G1D	23	1.16	8.46	9.62	9.09	93.7	
P4544-03	MYE5G1S	24	1.16	8.46	9.62	9.09	93.7	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VD 133147

WorkList Name : %1-p4538 **WorkList ID :** 184832 **Department :** Wet-Chemistry **Date :** 10-26-2024 13:25:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4538-01	MYE4Y7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-02	MYE4Y8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-03	MYE4Y9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-04	MYE4Z0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-05	MYE4Z1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-06	MYE4Z2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-07	MYE4Z3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-08	MYE4Z4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-09	MYE4Z5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-10	MYE4Z6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-11	MYE4Z6D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-12	MYE4Z6S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-13	MYE4Z7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-14	MYE4Z8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-15	MYE4Z9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-16	MYE500	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-17	MYE501	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-18	MYE502	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-19	MYE503	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-20	MYE504	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
P4538-21	MYE505	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO

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Date/Time 10/26/24 14:30

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 10/26/24 15:20

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VD 133147

WorkList Name : %1-p4538 **WorkList ID :** 184832 **Department :** Wet-Chemistry **Date :** 10-26-2024 13:25:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4544-01	MYE5G1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q51	04/25/2024	Chemtech -SO
P4544-02	MYE5G1D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q51	04/25/2024	Chemtech -SO
P4544-03	MYE5G1S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q51	04/25/2024	Chemtech -SO

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Date/Time 10/26/24 14:30

Raw Sample Received by: SD WC

Raw Sample Relinquished by:

Date/Time 10/26/24 15:20

Raw Sample Received by:

Raw Sample Relinquished by: SD WC

EPA SAMPLE NO.

MYE4Y7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-01

% Solids: 97 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	19000	D	11/09/2024	2018
7440-36-0	Antimony	2.0	JD	11/09/2024	2018
7440-38-2	Arsenic	37	D	11/09/2024	2018
7440-39-3	Barium	210	D	11/09/2024	2018
7440-41-7	Beryllium	0.84	D	11/09/2024	2018
7440-43-9	Cadmium	1.2	D	11/09/2024	2018
7440-70-2	Calcium	4700	D	11/09/2024	2018
7440-47-3	Chromium	36	D	11/09/2024	2018
7440-48-4	Cobalt	21	D	11/09/2024	2018
7440-50-8	Copper	160	D	11/09/2024	2018
7439-89-6	Iron	40000	D	11/09/2024	2018
7439-92-1	Lead	49	D	11/09/2024	2018
7439-95-4	Magnesium	7400	D	11/09/2024	2018
7439-96-5	Manganese	890	D	11/09/2024	2018
7440-02-0	Nickel	41	D	11/09/2024	2018
7440-09-7	Potassium	3500	D	11/09/2024	2018
7782-49-2	Selenium	5.1	UD	11/09/2024	2018
7440-22-4	Silver	1.5	UD	11/09/2024	2018
7440-23-5	Sodium	150	JD	11/09/2024	2018
7440-28-0	Thallium	3.6	UD	11/09/2024	2018
7440-62-2	Vanadium	73	D	11/09/2024	2018
7440-66-6	Zinc	130	D	11/09/2024	2018

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Y8

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-02

% Solids: 98.5 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	13000	D	11/09/2024	2023
7440-36-0	Antimony	1.6	JD	11/09/2024	2023
7440-38-2	Arsenic	39	D	11/09/2024	2023
7440-39-3	Barium	180	D	11/09/2024	2023
7440-41-7	Beryllium	0.66	JD	11/09/2024	2023
7440-43-9	Cadmium	1.4	D	11/09/2024	2023
7440-70-2	Calcium	2800	D	11/09/2024	2023
7440-47-3	Chromium	31	D	11/09/2024	2023
7440-48-4	Cobalt	19	D	11/09/2024	2023
7440-50-8	Copper	160	D	11/09/2024	2023
7439-89-6	Iron	38000	D	11/09/2024	2023
7439-92-1	Lead	51	D	11/09/2024	2023
7439-95-4	Magnesium	6300	D	11/09/2024	2023
7439-96-5	Manganese	820	D	11/09/2024	2023
7440-02-0	Nickel	35	D	11/09/2024	2023
7440-09-7	Potassium	2700	D	11/09/2024	2023
7782-49-2	Selenium	5.0	UD	11/09/2024	2023
7440-22-4	Silver	1.4	UD	11/09/2024	2023
7440-23-5	Sodium	180	JD	11/09/2024	2023
7440-28-0	Thallium	3.6	UD	11/09/2024	2023
7440-62-2	Vanadium	69	D	11/09/2024	2023
7440-66-6	Zinc	130	D	11/09/2024	2023

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Y9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-03

% Solids: 98.7 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	14000	D	11/09/2024	2036
7440-36-0	Antimony	2.8	JD	11/09/2024	2036
7440-38-2	Arsenic	43	D	11/09/2024	2036
7440-39-3	Barium	200	D	11/09/2024	2036
7440-41-7	Beryllium	0.73	JD	11/09/2024	2036
7440-43-9	Cadmium	1.3	D	11/09/2024	2036
7440-70-2	Calcium	2900	D	11/09/2024	2036
7440-47-3	Chromium	34	D	11/09/2024	2036
7440-48-4	Cobalt	23	D	11/09/2024	2036
7440-50-8	Copper	140	D	11/09/2024	2036
7439-89-6	Iron	44000	D	11/09/2024	2036
7439-92-1	Lead	60	D	11/09/2024	2036
7439-95-4	Magnesium	6900	D	11/09/2024	2036
7439-96-5	Manganese	910	D	11/09/2024	2036
7440-02-0	Nickel	43	D	11/09/2024	2036
7440-09-7	Potassium	2700	D	11/09/2024	2036
7782-49-2	Selenium	5.9	UD	11/09/2024	2036
7440-22-4	Silver	1.7	UD	11/09/2024	2036
7440-23-5	Sodium	840	UD	11/09/2024	2036
7440-28-0	Thallium	4.2	UD	11/09/2024	2036
7440-62-2	Vanadium	83	D	11/09/2024	2036
7440-66-6	Zinc	140	D	11/09/2024	2036

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-04

% Solids: 97.7 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	15000	D	11/09/2024	2040
7440-36-0	Antimony	1.8	JD	11/09/2024	2040
7440-38-2	Arsenic	31	D	11/09/2024	2040
7440-39-3	Barium	200	D	11/09/2024	2040
7440-41-7	Beryllium	0.70	JD	11/09/2024	2040
7440-43-9	Cadmium	0.81	JD	11/09/2024	2040
7440-70-2	Calcium	3600	D	11/09/2024	2040
7440-47-3	Chromium	30	D	11/09/2024	2040
7440-48-4	Cobalt	17	D	11/09/2024	2040
7440-50-8	Copper	94	D	11/09/2024	2040
7439-89-6	Iron	36000	D	11/09/2024	2040
7439-92-1	Lead	41	D	11/09/2024	2040
7439-95-4	Magnesium	6500	D	11/09/2024	2040
7439-96-5	Manganese	800	D	11/09/2024	2040
7440-02-0	Nickel	32	D	11/09/2024	2040
7440-09-7	Potassium	3300	D	11/09/2024	2040
7782-49-2	Selenium	6.2	UD	11/09/2024	2040
7440-22-4	Silver	1.8	UD	11/09/2024	2040
7440-23-5	Sodium	890	UD	11/09/2024	2040
7440-28-0	Thallium	4.5	UD	11/09/2024	2040
7440-62-2	Vanadium	68	D	11/09/2024	2040
7440-66-6	Zinc	120	D	11/09/2024	2040

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-05

% Solids: 97.3 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000	D	11/09/2024	2045
7440-36-0	Antimony	1.4	JD	11/09/2024	2045
7440-38-2	Arsenic	34	D	11/09/2024	2045
7440-39-3	Barium	210	D	11/09/2024	2045
7440-41-7	Beryllium	0.79	JD	11/09/2024	2045
7440-43-9	Cadmium	1.0	D	11/09/2024	2045
7440-70-2	Calcium	4400	D	11/09/2024	2045
7440-47-3	Chromium	34	D	11/09/2024	2045
7440-48-4	Cobalt	19	D	11/09/2024	2045
7440-50-8	Copper	140	D	11/09/2024	2045
7439-89-6	Iron	37000	D	11/09/2024	2045
7439-92-1	Lead	43	D	11/09/2024	2045
7439-95-4	Magnesium	6800	D	11/09/2024	2045
7439-96-5	Manganese	840	D	11/09/2024	2045
7440-02-0	Nickel	37	D	11/09/2024	2045
7440-09-7	Potassium	3600	D	11/09/2024	2045
7782-49-2	Selenium	5.9	UD	11/09/2024	2045
7440-22-4	Silver	1.7	UD	11/09/2024	2045
7440-23-5	Sodium	840	UD	11/09/2024	2045
7440-28-0	Thallium	4.2	UD	11/09/2024	2045
7440-62-2	Vanadium	72	D	11/09/2024	2045
7440-66-6	Zinc	130	D	11/09/2024	2045

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z2

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-06

% Solids: 98.4 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	17000	D	11/09/2024	2049
7440-36-0	Antimony	2.4	JD	11/09/2024	2049
7440-38-2	Arsenic	36	D	11/09/2024	2049
7440-39-3	Barium	200	D	11/09/2024	2049
7440-41-7	Beryllium	0.74	D	11/09/2024	2049
7440-43-9	Cadmium	0.96	D	11/09/2024	2049
7440-70-2	Calcium	3200	D	11/09/2024	2049
7440-47-3	Chromium	32	D	11/09/2024	2049
7440-48-4	Cobalt	19	D	11/09/2024	2049
7440-50-8	Copper	110	D	11/09/2024	2049
7439-89-6	Iron	40000	D	11/09/2024	2049
7439-92-1	Lead	47	D	11/09/2024	2049
7439-95-4	Magnesium	6800	D	11/09/2024	2049
7439-96-5	Manganese	810	D	11/09/2024	2049
7440-02-0	Nickel	34	D	11/09/2024	2049
7440-09-7	Potassium	2900	D	11/09/2024	2049
7782-49-2	Selenium	5.2	UD	11/09/2024	2049
7440-22-4	Silver	1.5	UD	11/09/2024	2049
7440-23-5	Sodium	150	JD	11/09/2024	2049
7440-28-0	Thallium	3.7	UD	11/09/2024	2049
7440-62-2	Vanadium	72	D	11/09/2024	2049
7440-66-6	Zinc	130	D	11/09/2024	2049

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-07

% Solids: 98.6 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	12000	D	11/09/2024	2053
7440-36-0	Antimony	2.3	JD	11/09/2024	2053
7440-38-2	Arsenic	50	D	11/09/2024	2053
7440-39-3	Barium	140	D	11/09/2024	2053
7440-41-7	Beryllium	0.66	JD	11/09/2024	2053
7440-43-9	Cadmium	1.2	D	11/09/2024	2053
7440-70-2	Calcium	2500	D	11/09/2024	2053
7440-47-3	Chromium	30	D	11/09/2024	2053
7440-48-4	Cobalt	17	D	11/09/2024	2053
7440-50-8	Copper	120	D	11/09/2024	2053
7439-89-6	Iron	39000	D	11/09/2024	2053
7439-92-1	Lead	57	D	11/09/2024	2053
7439-95-4	Magnesium	5400	D	11/09/2024	2053
7439-96-5	Manganese	680	D	11/09/2024	2053
7440-02-0	Nickel	30	D	11/09/2024	2053
7440-09-7	Potassium	2400	D	11/09/2024	2053
7782-49-2	Selenium	5.6	UD	11/09/2024	2053
7440-22-4	Silver	1.6	UD	11/09/2024	2053
7440-23-5	Sodium	180	JD	11/09/2024	2053
7440-28-0	Thallium	4.0	UD	11/09/2024	2053
7440-62-2	Vanadium	70	D	11/09/2024	2053
7440-66-6	Zinc	130	D	11/09/2024	2053

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-08

% Solids: 97.5 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000	D	11/09/2024	2058
7440-36-0	Antimony	2.1	JD	11/09/2024	2058
7440-38-2	Arsenic	36	D	11/09/2024	2058
7440-39-3	Barium	190	D	11/09/2024	2058
7440-41-7	Beryllium	0.75	D	11/09/2024	2058
7440-43-9	Cadmium	1.2	D	11/09/2024	2058
7440-70-2	Calcium	3100	D	11/09/2024	2058
7440-47-3	Chromium	30	D	11/09/2024	2058
7440-48-4	Cobalt	19	D	11/09/2024	2058
7440-50-8	Copper	140	D	11/09/2024	2058
7439-89-6	Iron	37000	D	11/09/2024	2058
7439-92-1	Lead	49	D	11/09/2024	2058
7439-95-4	Magnesium	6400	D	11/09/2024	2058
7439-96-5	Manganese	900	D	11/09/2024	2058
7440-02-0	Nickel	34	D	11/09/2024	2058
7440-09-7	Potassium	3100	D	11/09/2024	2058
7782-49-2	Selenium	5.3	UD	11/09/2024	2058
7440-22-4	Silver	1.5	UD	11/09/2024	2058
7440-23-5	Sodium	750	UD	11/09/2024	2058
7440-28-0	Thallium	3.8	UD	11/09/2024	2058
7440-62-2	Vanadium	70	D	11/09/2024	2058
7440-66-6	Zinc	130	D	11/09/2024	2058

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-09

% Solids: 98.6 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	13000	D	11/09/2024	2102
7440-36-0	Antimony	2.1	JD	11/09/2024	2102
7440-38-2	Arsenic	45	D	11/09/2024	2102
7440-39-3	Barium	160	D	11/09/2024	2102
7440-41-7	Beryllium	0.68	JD	11/09/2024	2102
7440-43-9	Cadmium	1.3	D	11/09/2024	2102
7440-70-2	Calcium	2700	D	11/09/2024	2102
7440-47-3	Chromium	31	D	11/09/2024	2102
7440-48-4	Cobalt	18	D	11/09/2024	2102
7440-50-8	Copper	170	D	11/09/2024	2102
7439-89-6	Iron	39000	D	11/09/2024	2102
7439-92-1	Lead	69	D	11/09/2024	2102
7439-95-4	Magnesium	6000	D	11/09/2024	2102
7439-96-5	Manganese	770	D	11/09/2024	2102
7440-02-0	Nickel	32	D	11/09/2024	2102
7440-09-7	Potassium	2700	D	11/09/2024	2102
7782-49-2	Selenium	6.0	UD	11/09/2024	2102
7440-22-4	Silver	1.7	UD	11/09/2024	2102
7440-23-5	Sodium	180	JD	11/09/2024	2102
7440-28-0	Thallium	4.3	UD	11/09/2024	2102
7440-62-2	Vanadium	73	D	11/09/2024	2102
7440-66-6	Zinc	140	D	11/09/2024	2102

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-10

% Solids: 98.5 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	14000	D	11/09/2024	2107
7440-36-0	Antimony	2.0	JD	11/09/2024	2107
7440-38-2	Arsenic	59	D	11/09/2024	2107
7440-39-3	Barium	160	D	11/09/2024	2107
7440-41-7	Beryllium	0.73	JD	11/09/2024	2107
7440-43-9	Cadmium	1.2	D	11/09/2024	2107
7440-70-2	Calcium	2500	D	11/09/2024	2107
7440-47-3	Chromium	30	D	11/09/2024	2107
7440-48-4	Cobalt	19	D	11/09/2024	2107
7440-50-8	Copper	170	D	11/09/2024	2107
7439-89-6	Iron	38000	D	11/09/2024	2107
7439-92-1	Lead	61	D	11/09/2024	2107
7439-95-4	Magnesium	6000	D	11/09/2024	2107
7439-96-5	Manganese	800	D	11/09/2024	2107
7440-02-0	Nickel	32	D	11/09/2024	2107
7440-09-7	Potassium	2700	D	11/09/2024	2107
7782-49-2	Selenium	5.5	UD	11/09/2024	2107
7440-22-4	Silver	1.6	UD	11/09/2024	2107
7440-23-5	Sodium	180	JD	11/09/2024	2107
7440-28-0	Thallium	3.9	UD	11/09/2024	2107
7440-62-2	Vanadium	72	D	11/09/2024	2107
7440-66-6	Zinc	140	D	11/09/2024	2107

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-13

% Solids: 98.3 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	14000	D	11/09/2024	2124
7440-36-0	Antimony	1.4	JD	11/09/2024	2124
7440-38-2	Arsenic	37	D	11/09/2024	2124
7440-39-3	Barium	170	D	11/09/2024	2124
7440-41-7	Beryllium	0.67	JD	11/09/2024	2124
7440-43-9	Cadmium	1.1	D	11/09/2024	2124
7440-70-2	Calcium	3100	D	11/09/2024	2124
7440-47-3	Chromium	28	D	11/09/2024	2124
7440-48-4	Cobalt	18	D	11/09/2024	2124
7440-50-8	Copper	140	D	11/09/2024	2124
7439-89-6	Iron	35000	D	11/09/2024	2124
7439-92-1	Lead	56	D	11/09/2024	2124
7439-95-4	Magnesium	6000	D	11/09/2024	2124
7439-96-5	Manganese	740	D	11/09/2024	2124
7440-02-0	Nickel	30	D	11/09/2024	2124
7440-09-7	Potassium	2700	D	11/09/2024	2124
7782-49-2	Selenium	5.5	UD	11/09/2024	2124
7440-22-4	Silver	1.6	UD	11/09/2024	2124
7440-23-5	Sodium	780	UD	11/09/2024	2124
7440-28-0	Thallium	3.9	UD	11/09/2024	2124
7440-62-2	Vanadium	65	D	11/09/2024	2124
7440-66-6	Zinc	140	D	11/09/2024	2124

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-14

% Solids: 97.9 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	15000	D	11/09/2024	2129
7440-36-0	Antimony	1.4	JD	11/09/2024	2129
7440-38-2	Arsenic	38	D	11/09/2024	2129
7440-39-3	Barium	210	D	11/09/2024	2129
7440-41-7	Beryllium	0.71	D	11/09/2024	2129
7440-43-9	Cadmium	1.0	D	11/09/2024	2129
7440-70-2	Calcium	3300	D	11/09/2024	2129
7440-47-3	Chromium	32	D	11/09/2024	2129
7440-48-4	Cobalt	19	D	11/09/2024	2129
7440-50-8	Copper	130	D	11/09/2024	2129
7439-89-6	Iron	38000	D	11/09/2024	2129
7439-92-1	Lead	48	D	11/09/2024	2129
7439-95-4	Magnesium	6700	D	11/09/2024	2129
7439-96-5	Manganese	980	D	11/09/2024	2129
7440-02-0	Nickel	37	D	11/09/2024	2129
7440-09-7	Potassium	3000	D	11/09/2024	2129
7782-49-2	Selenium	4.9	UD	11/09/2024	2129
7440-22-4	Silver	1.4	UD	11/09/2024	2129
7440-23-5	Sodium	150	JD	11/09/2024	2129
7440-28-0	Thallium	3.5	UD	11/09/2024	2129
7440-62-2	Vanadium	72	D	11/09/2024	2129
7440-66-6	Zinc	120	D	11/09/2024	2129

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-15

% Solids: 98.6 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000	D	11/09/2024	2133
7440-36-0	Antimony	2.1	JD	11/09/2024	2133
7440-38-2	Arsenic	47	D	11/09/2024	2133
7440-39-3	Barium	210	D	11/09/2024	2133
7440-41-7	Beryllium	0.85	D	11/09/2024	2133
7440-43-9	Cadmium	1.2	D	11/09/2024	2133
7440-70-2	Calcium	3100	D	11/09/2024	2133
7440-47-3	Chromium	42	D	11/09/2024	2133
7440-48-4	Cobalt	26	D	11/09/2024	2133
7440-50-8	Copper	120	D	11/09/2024	2133
7439-89-6	Iron	49000	D	11/09/2024	2133
7439-92-1	Lead	48	D	11/09/2024	2133
7439-95-4	Magnesium	7000	D	11/09/2024	2133
7439-96-5	Manganese	1000	D	11/09/2024	2133
7440-02-0	Nickel	45	D	11/09/2024	2133
7440-09-7	Potassium	3000	D	11/09/2024	2133
7782-49-2	Selenium	5.1	UD	11/09/2024	2133
7440-22-4	Silver	1.5	UD	11/09/2024	2133
7440-23-5	Sodium	180	JD	11/09/2024	2133
7440-28-0	Thallium	3.7	UD	11/09/2024	2133
7440-62-2	Vanadium	95	D	11/09/2024	2133
7440-66-6	Zinc	130	D	11/09/2024	2133

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE500

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-16

% Solids: 99.2 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	13000	D	11/09/2024	2138
7440-36-0	Antimony	1.9	JD	11/09/2024	2138
7440-38-2	Arsenic	48	D	11/09/2024	2138
7440-39-3	Barium	190	D	11/09/2024	2138
7440-41-7	Beryllium	0.67	JD	11/09/2024	2138
7440-43-9	Cadmium	0.99	D	11/09/2024	2138
7440-70-2	Calcium	2500	D	11/09/2024	2138
7440-47-3	Chromium	32	D	11/09/2024	2138
7440-48-4	Cobalt	20	D	11/09/2024	2138
7440-50-8	Copper	100	D	11/09/2024	2138
7439-89-6	Iron	41000	D	11/09/2024	2138
7439-92-1	Lead	50	D	11/09/2024	2138
7439-95-4	Magnesium	6800	D	11/09/2024	2138
7439-96-5	Manganese	920	D	11/09/2024	2138
7440-02-0	Nickel	40	D	11/09/2024	2138
7440-09-7	Potassium	2500	D	11/09/2024	2138
7782-49-2	Selenium	6.5	UD	11/09/2024	2138
7440-22-4	Silver	1.9	UD	11/09/2024	2138
7440-23-5	Sodium	930	UD	11/09/2024	2138
7440-28-0	Thallium	4.6	UD	11/09/2024	2138
7440-62-2	Vanadium	81	D	11/09/2024	2138
7440-66-6	Zinc	120	D	11/09/2024	2138

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE501

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-17

% Solids: 97.9 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	17000	D	11/09/2024	2142
7440-36-0	Antimony	1.7	JD	11/09/2024	2142
7440-38-2	Arsenic	53	D	11/09/2024	2142
7440-39-3	Barium	240	D	11/09/2024	2142
7440-41-7	Beryllium	0.77	D	11/09/2024	2142
7440-43-9	Cadmium	1.5	D	11/09/2024	2142
7440-70-2	Calcium	3500	D	11/09/2024	2142
7440-47-3	Chromium	38	D	11/09/2024	2142
7440-48-4	Cobalt	26	D	11/09/2024	2142
7440-50-8	Copper	180	D	11/09/2024	2142
7439-89-6	Iron	47000	D	11/09/2024	2142
7439-92-1	Lead	64	D	11/09/2024	2142
7439-95-4	Magnesium	8700	D	11/09/2024	2142
7439-96-5	Manganese	1200	D	11/09/2024	2142
7440-02-0	Nickel	52	D	11/09/2024	2142
7440-09-7	Potassium	2800	D	11/09/2024	2142
7782-49-2	Selenium	5.1	UD	11/09/2024	2142
7440-22-4	Silver	1.5	UD	11/09/2024	2142
7440-23-5	Sodium	180	JD	11/09/2024	2142
7440-28-0	Thallium	3.6	UD	11/09/2024	2142
7440-62-2	Vanadium	95	D	11/09/2024	2142
7440-66-6	Zinc	140	D	11/09/2024	2142

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE502

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-18

% Solids: 97.2 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	15000	D	11/09/2024	2147
7440-36-0	Antimony	1.3	JD	11/09/2024	2147
7440-38-2	Arsenic	32	D	11/09/2024	2147
7440-39-3	Barium	170	D	11/09/2024	2147
7440-41-7	Beryllium	0.75	JD	11/09/2024	2147
7440-43-9	Cadmium	1.2	D	11/09/2024	2147
7440-70-2	Calcium	4000	D	11/09/2024	2147
7440-47-3	Chromium	30	D	11/09/2024	2147
7440-48-4	Cobalt	18	D	11/09/2024	2147
7440-50-8	Copper	150	D	11/09/2024	2147
7439-89-6	Iron	37000	D	11/09/2024	2147
7439-92-1	Lead	60	D	11/09/2024	2147
7439-95-4	Magnesium	6800	D	11/09/2024	2147
7439-96-5	Manganese	830	D	11/09/2024	2147
7440-02-0	Nickel	32	D	11/09/2024	2147
7440-09-7	Potassium	3100	D	11/09/2024	2147
7782-49-2	Selenium	6.4	UD	11/09/2024	2147
7440-22-4	Silver	1.8	UD	11/09/2024	2147
7440-23-5	Sodium	910	UD	11/09/2024	2147
7440-28-0	Thallium	4.6	UD	11/09/2024	2147
7440-62-2	Vanadium	72	D	11/09/2024	2147
7440-66-6	Zinc	140	D	11/09/2024	2147

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE503

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-19

% Solids: 97.9 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	14000	D	11/09/2024	2151
7440-36-0	Antimony	1.5	JD	11/09/2024	2151
7440-38-2	Arsenic	41	D	11/09/2024	2151
7440-39-3	Barium	180	D	11/09/2024	2151
7440-41-7	Beryllium	0.73	JD	11/09/2024	2151
7440-43-9	Cadmium	1.3	D	11/09/2024	2151
7440-70-2	Calcium	3900	D	11/09/2024	2151
7440-47-3	Chromium	32	D	11/09/2024	2151
7440-48-4	Cobalt	18	D	11/09/2024	2151
7440-50-8	Copper	150	D	11/09/2024	2151
7439-89-6	Iron	38000	D	11/09/2024	2151
7439-92-1	Lead	59	D	11/09/2024	2151
7439-95-4	Magnesium	6200	D	11/09/2024	2151
7439-96-5	Manganese	770	D	11/09/2024	2151
7440-02-0	Nickel	33	D	11/09/2024	2151
7440-09-7	Potassium	3000	D	11/09/2024	2151
7782-49-2	Selenium	5.3	UD	11/09/2024	2151
7440-22-4	Silver	1.5	UD	11/09/2024	2151
7440-23-5	Sodium	750	UD	11/09/2024	2151
7440-28-0	Thallium	3.8	UD	11/09/2024	2151
7440-62-2	Vanadium	71	D	11/09/2024	2151
7440-66-6	Zinc	140	D	11/09/2024	2151

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE504

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-20

% Solids: 97.7 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	19000	D	11/09/2024	2155
7440-36-0	Antimony	1.4	JD	11/09/2024	2155
7440-38-2	Arsenic	44	D	11/09/2024	2155
7440-39-3	Barium	240	D	11/09/2024	2155
7440-41-7	Beryllium	0.86	JD	11/09/2024	2155
7440-43-9	Cadmium	0.95	D	11/09/2024	2155
7440-70-2	Calcium	5200	D	11/09/2024	2155
7440-47-3	Chromium	38	D	11/09/2024	2155
7440-48-4	Cobalt	19	D	11/09/2024	2155
7440-50-8	Copper	100	D	11/09/2024	2155
7439-89-6	Iron	41000	D	11/09/2024	2155
7439-92-1	Lead	46	D	11/09/2024	2155
7439-95-4	Magnesium	7300	D	11/09/2024	2155
7439-96-5	Manganese	900	D	11/09/2024	2155
7440-02-0	Nickel	41	D	11/09/2024	2155
7440-09-7	Potassium	3200	D	11/09/2024	2155
7782-49-2	Selenium	6.4	UD	11/09/2024	2155
7440-22-4	Silver	1.8	UD	11/09/2024	2155
7440-23-5	Sodium	910	UD	11/09/2024	2155
7440-28-0	Thallium	4.6	UD	11/09/2024	2155
7440-62-2	Vanadium	81	D	11/09/2024	2155
7440-66-6	Zinc	130	D	11/09/2024	2155

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE505

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-21

% Solids: 98 Date Received: 10/24/2024

Analytical Method: ICP_AES

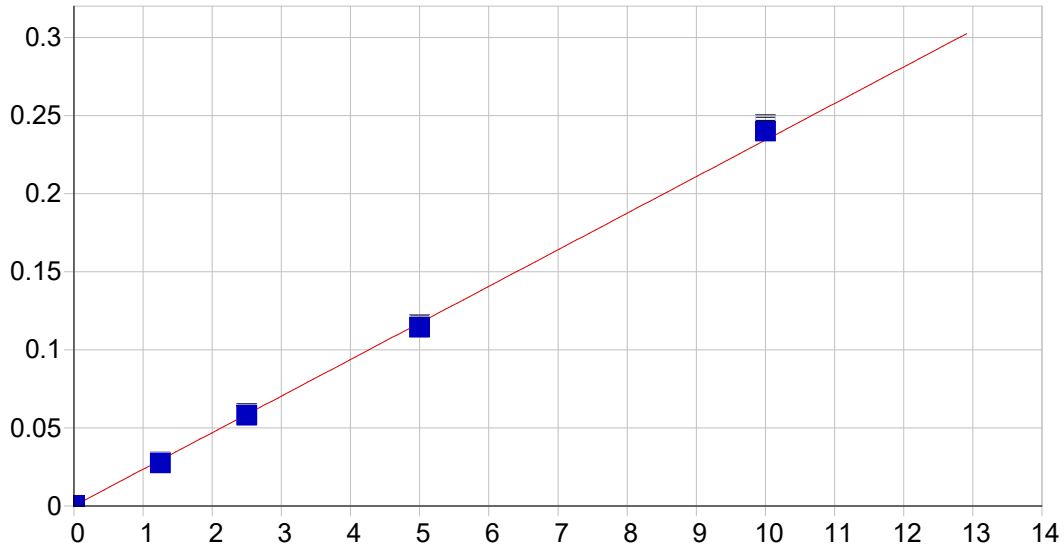
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	14000	D	11/09/2024	2200
7440-36-0	Antimony	1.6	JD	11/09/2024	2200
7440-38-2	Arsenic	40	D	11/09/2024	2200
7440-39-3	Barium	190	D	11/09/2024	2200
7440-41-7	Beryllium	0.71	JD	11/09/2024	2200
7440-43-9	Cadmium	1.1	D	11/09/2024	2200
7440-70-2	Calcium	2900	D	11/09/2024	2200
7440-47-3	Chromium	31	D	11/09/2024	2200
7440-48-4	Cobalt	20	D	11/09/2024	2200
7440-50-8	Copper	140	D	11/09/2024	2200
7439-89-6	Iron	37000	D	11/09/2024	2200
7439-92-1	Lead	54	D	11/09/2024	2200
7439-95-4	Magnesium	6100	D	11/09/2024	2200
7439-96-5	Manganese	860	D	11/09/2024	2200
7440-02-0	Nickel	36	D	11/09/2024	2200
7440-09-7	Potassium	2800	D	11/09/2024	2200
7782-49-2	Selenium	6.0	UD	11/09/2024	2200
7440-22-4	Silver	1.7	UD	11/09/2024	2200
7440-23-5	Sodium	860	UD	11/09/2024	2200
7440-28-0	Thallium	4.3	UD	11/09/2024	2200
7440-62-2	Vanadium	71	D	11/09/2024	2200
7440-66-6	Zinc	130	D	11/09/2024	2200

NOTE: Hardness (total) is reported in mg/L

Comments:

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

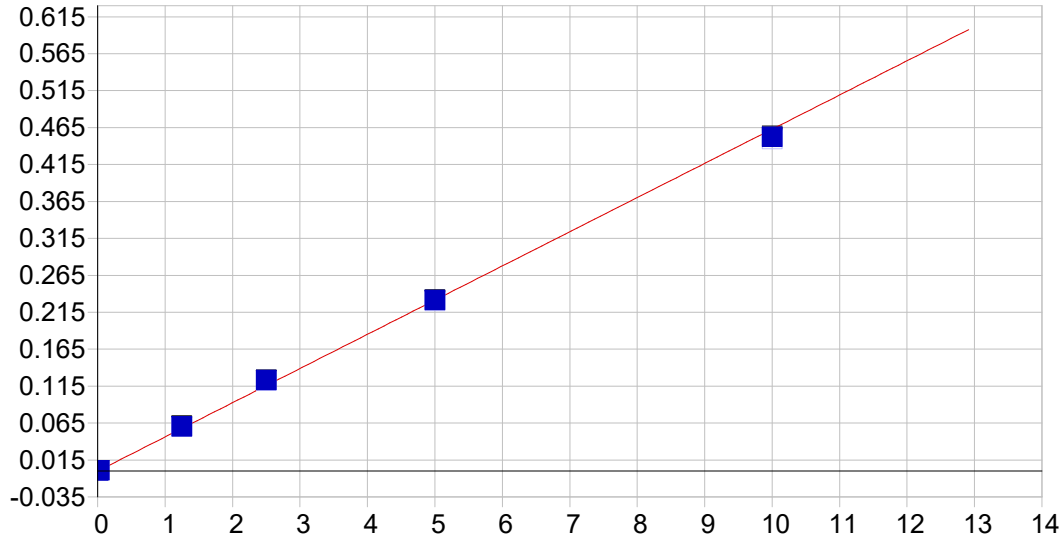


As 189.042 {479}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000113	Re-Slope:	1.000000
A1 (Gain):	0.023414	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999602	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.008950		
Predicted MQL:	0.029833		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.01000	.01059	.001	5.91	.00036	.000	1
S2	1.2500	1.1639	-.086	-6.89	.02779	.000	1
S3	2.5000	2.4686	-.031	-1.25	.05876	.000	1
S4	5.0000	4.8746	-.125	-2.51	.11593	.000	1
S5	10.000	10.242	.242	2.42	.24329	.001	1



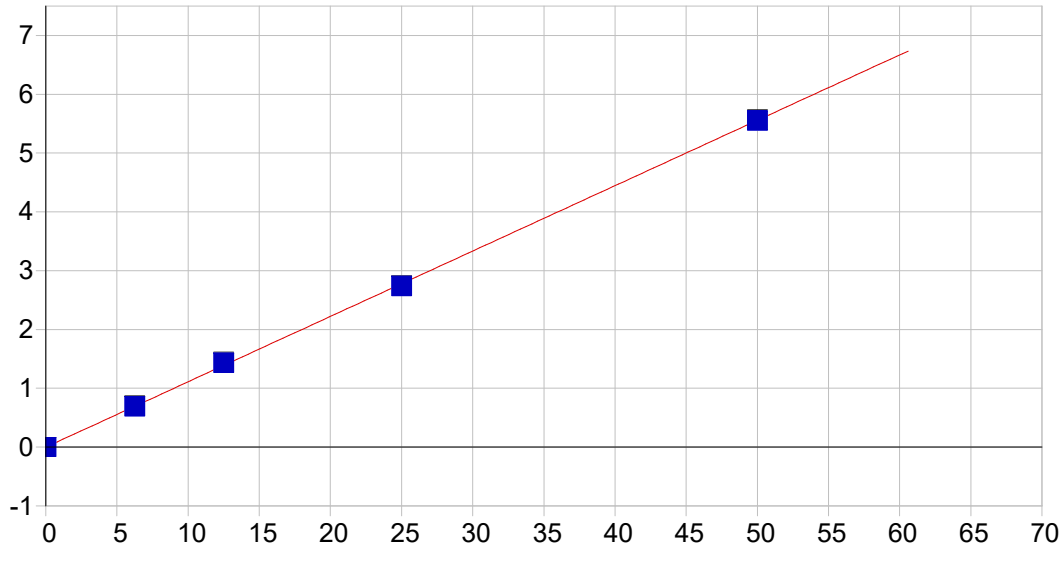
Tl 190.856 {477}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000081	Re-Slope:	1.000000
A1 (Gain):	0.046292	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999510	Status:	OK.
Std Error of Est:	0.000038		
Predicted MDL:	0.003589		
Predicted MQL:	0.011965		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.02500	.02394	-.001	-4.23	.00100	.000	1
S2	1.2500	1.3081	.058	4.65	.06008	.001	1
S3	2.5000	2.6619	.162	6.48	.12235	.000	1
S4	5.0000	5.0029	.003	.058	.22992	.000	1
S5	10.000	9.7781	-.222	-2.22	.44938	.001	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



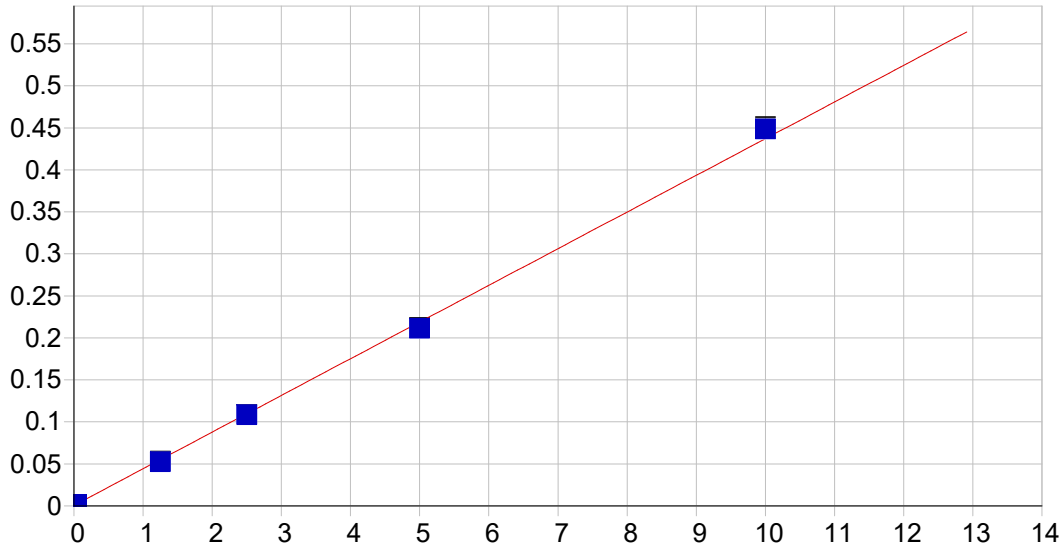
Pb 220.353 {453}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000509	Re-Slope:	1.000000
A1 (Gain):	0.111155	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999895	Status:	OK.
Std Error of Est:	0.000060		
Predicted MDL:	0.003701		
Predicted MQL:	0.012337		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00051	.000	1
S1	.01000	.00776	-.002	-22.4	.00036	.000	1
S2	6.2500	6.2474	-.003	-.042	.69375	.002	1
S3	12.500	12.914	.414	3.31	1.4346	.006	1
S4	25.000	24.634	-.366	-1.46	2.7370	.004	1
S5	50.000	49.956	-.044	-.088	5.5510	.012	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



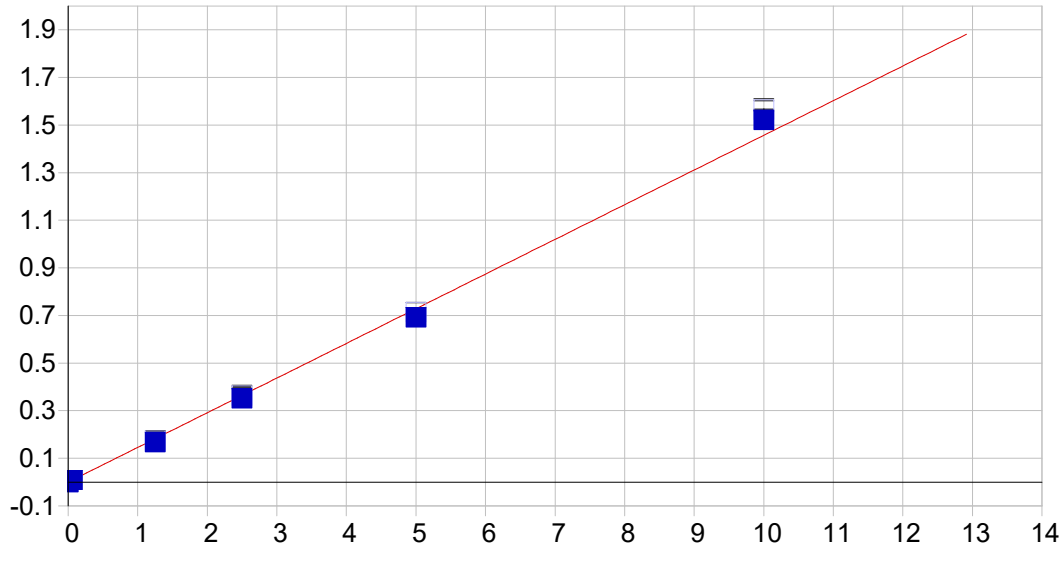
Se 196.090 {472}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000617	Re-Slope:	1.000000
A1 (Gain):	0.043652	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999536	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.007504		
Predicted MQL:	0.025013		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00062	.000	1
S1	.03500	.02886	-.006	-17.5	.00188	.000	1
S2	1.2500	1.1874	-.063	-5.00	.05235	.001	1
S3	2.5000	2.4710	-.029	-1.16	.10827	.000	1
S4	5.0000	4.8309	-.169	-3.38	.21108	.001	1
S5	10.000	10.267	.267	2.67	.44795	.002	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



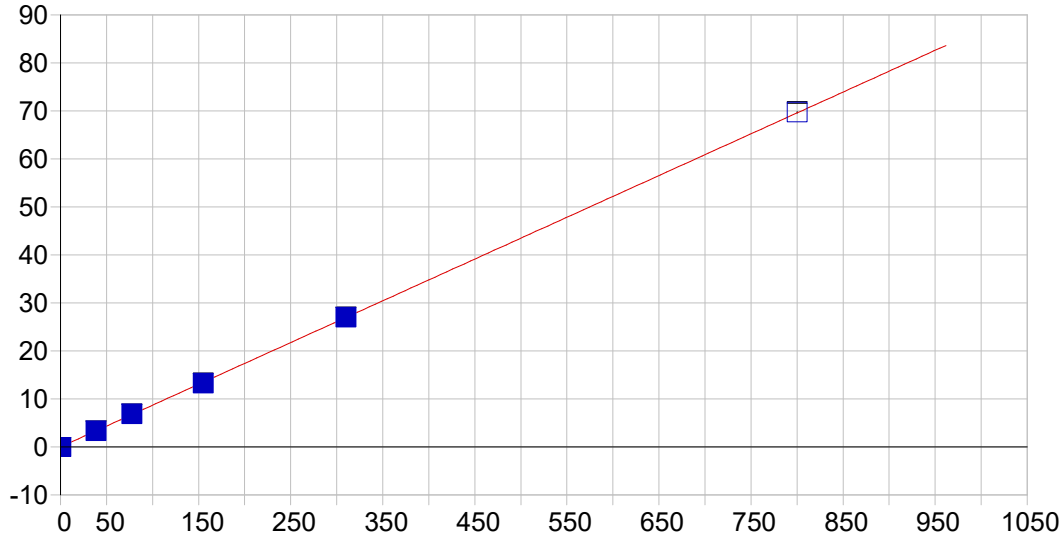
Sb 206.833 {463}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000001	Re-Slope:	1.000000
A1 (Gain):	0.145684	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998896	Status:	OK.
Std Error of Est:	0.000290		
Predicted MDL:	0.002927		
Predicted MQL:	0.009756		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00000	.001	1
S1	.06000	.05830	-.002	-2.84	.00849	.000	1
S2	1.2500	1.1492	-.101	-8.06	.17279	.001	1
S3	2.5000	2.4114	-.089	-3.55	.36205	.003	1
S4	5.0000	4.7459	-.254	-5.08	.71289	.001	1
S5	10.000	10.445	.445	4.45	1.5647	.004	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



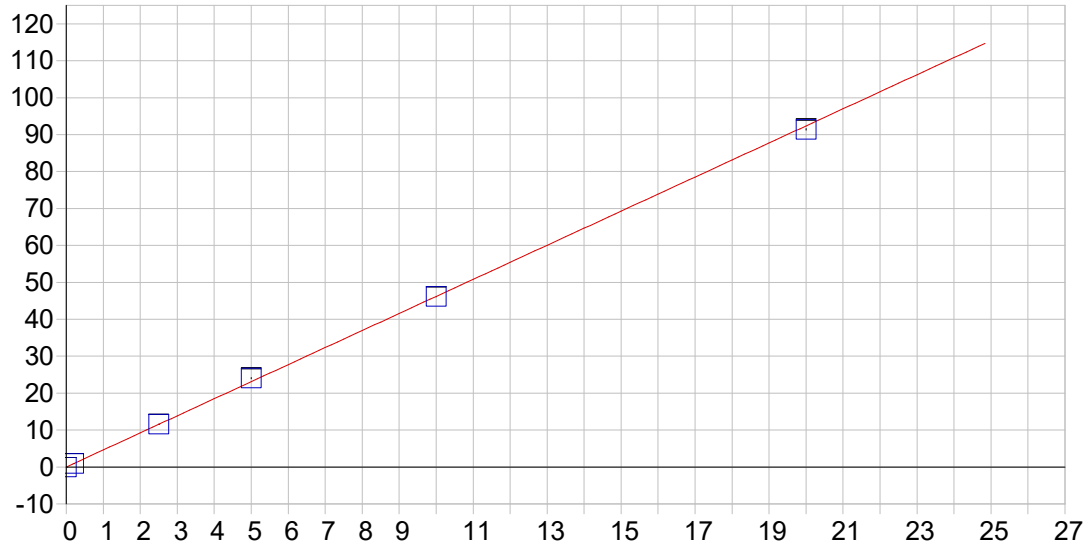
Al 396.152 { 85}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003091	Re-Slope:	1.000000
A1 (Gain):	0.086977	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999973	Status:	OK.
Std Error of Est:	0.000397		
Predicted MDL:	0.016865		
Predicted MQL:	0.056215		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00309	.000	1
S1	.20000	.20726	.007	3.63	.01497	.001	1
S2	38.750	38.141	-.609	-1.57	3.3184	.007	1
S3	77.500	78.673	1.17	1.51	6.8478	.032	1
S4	155.00	152.41	-2.59	-1.67	13.269	.009	1
S5	310.00	310.50	.499	.161	27.036	.046	1
S6	800.00	801.52	1.52	.190	69.711	.181	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

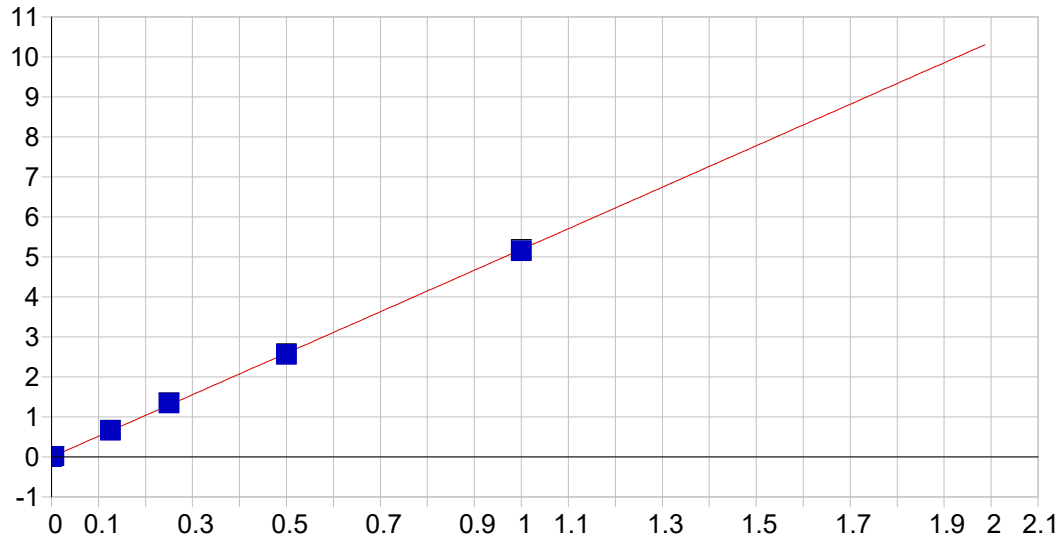


Ba 493.409 { 68}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002001	Re-Slope:	1.000000
A1 (Gain):	4.618208	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999853	Status:	OK.
Std Error of Est:	0.008409		
Predicted MDL:	0.000634		
Predicted MQL:	0.002114		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00194	.002	1
S1	.20000	.20664	.007	3.32	.95633	.001	1
S2	2.5000	2.5086	.009	.343	11.587	.023	1
S3	5.0000	5.2072	.207	4.14	24.050	.154	1
S4	10.000	9.9878	-.012	-.122	46.128	.048	1
S5	20.000	19.790	-.210	-1.05	91.395	.204	1



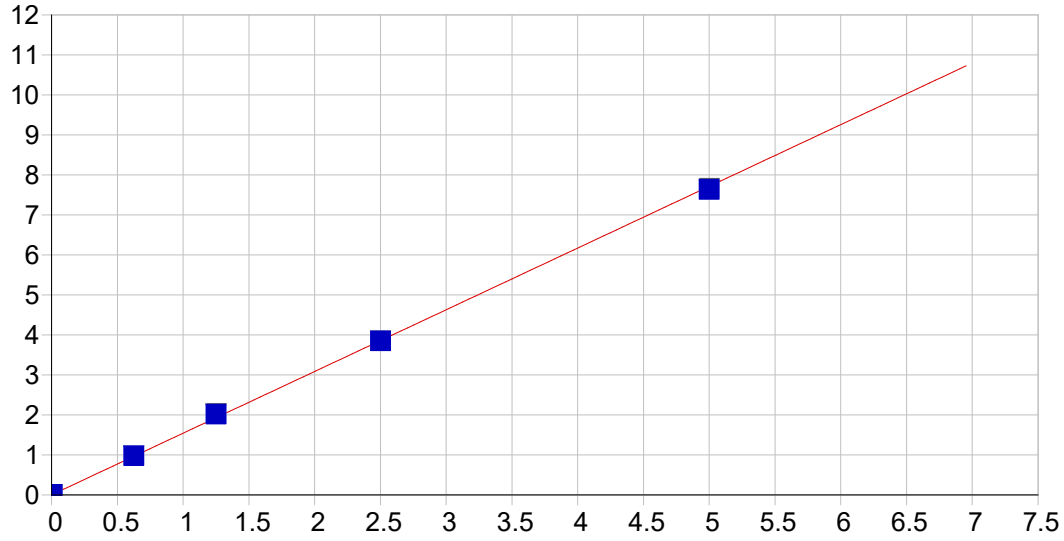
Be 234.861 {144}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001112	Re-Slope:	1.000000
A1 (Gain):	5.187017	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999865	Status:	OK.
Std Error of Est:	0.000319		
Predicted MDL:	0.000150		
Predicted MQL:	0.000501		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00111	.001	1
S1	.00500	.00528	.000	5.66	.02628	.001	1
S2	.12500	.12763	.003	2.10	.65984	.002	1
S3	.25000	.25906	.009	3.62	1.3405	.007	1
S4	.50000	.49424	-.006	-1.15	2.5583	.010	1
S5	1.0000	.99380	-.006	-.620	5.1454	.033	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



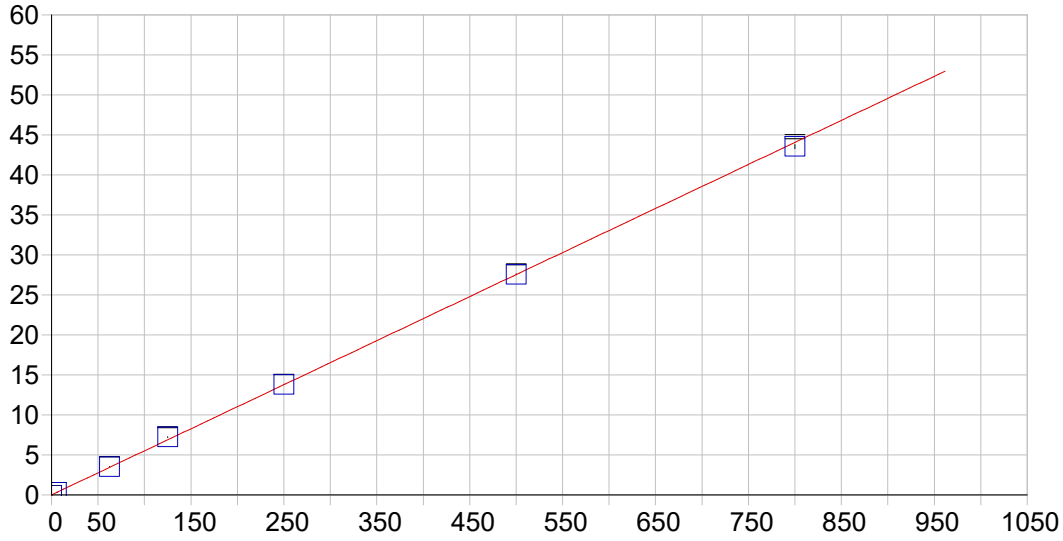
Cd 214.438 {457}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000681	Re-Slope:	1.000000
A1 (Gain):	1.543299	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999815	Status:	OK.
Std Error of Est:	0.000250		
Predicted MDL:	0.000160		
Predicted MQL:	0.000535		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00068	.000	1
S1	.00500	.00526	.000	5.23	.00881	.000	1
S2	.62500	.63326	.008	1.32	.98030	.003	1
S3	1.2500	1.3079	.058	4.63	2.0238	.010	1
S4	2.5000	2.4907	-.009	-.371	3.8539	.006	1
S5	5.0000	4.9429	-.057	-1.14	7.6475	.020	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



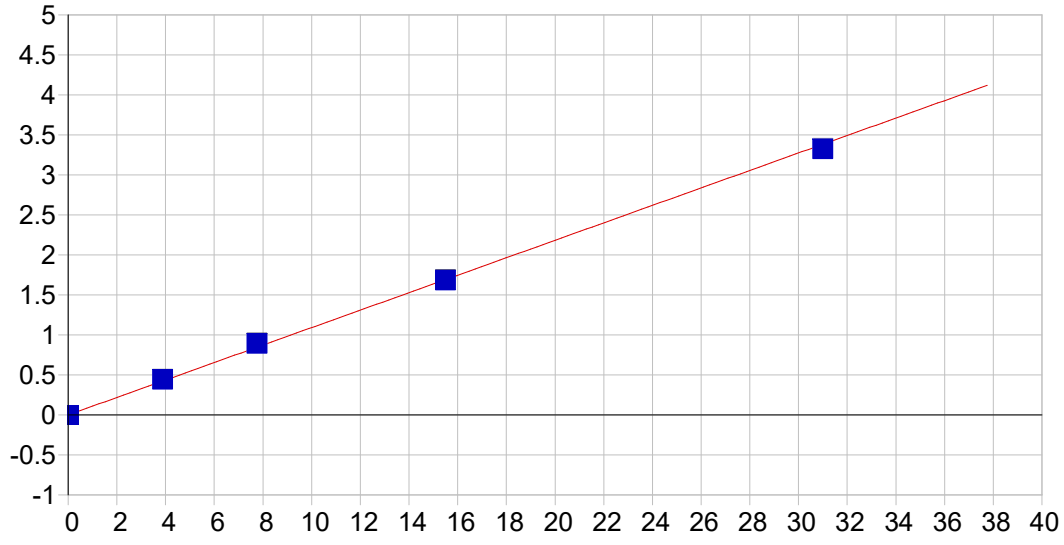
Ca 373.690 { 90}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004423	Re-Slope:	1.000000
A1 (Gain):	0.055074	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999863	Status:	OK.
Std Error of Est:	0.003181		
Predicted MDL:	0.021081		
Predicted MQL:	0.070269		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00074	-.001	.000	.00438	.001	1
S1	5.0000	5.4150	.415	8.30	.30265	.000	1
S2	62.500	64.048	1.55	2.48	3.5318	.009	1
S3	125.00	131.07	6.07	4.86	7.2230	.043	1
S4	250.00	250.76	.762	.305	13.815	.019	1
S5	500.00	500.44	.442	.088	27.566	.062	1
S6	800.00	790.76	-9.24	-1.15	43.555	.260	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



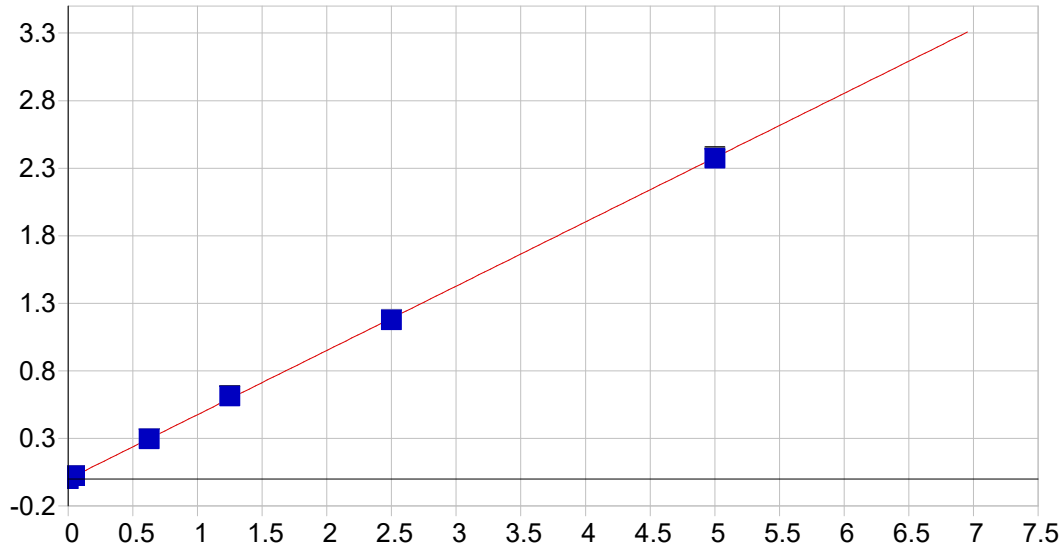
Cr 267.716 {126}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000167	Re-Slope:	1.000000
A1 (Gain):	0.109139	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999613	Status:	OK.
Std Error of Est:	0.000090		
Predicted MDL:	0.001338		
Predicted MQL:	0.004461		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.01000	.01300	.003	30.0	.00125	.000	1
S2	3.8750	4.0629	.188	4.85	.44373	.001	1
S3	7.7500	8.1895	.440	5.67	.89458	.001	1
S4	15.500	15.421	-.079	-.513	1.6847	.000	1
S5	31.000	30.449	-.551	-1.78	3.3268	.004	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



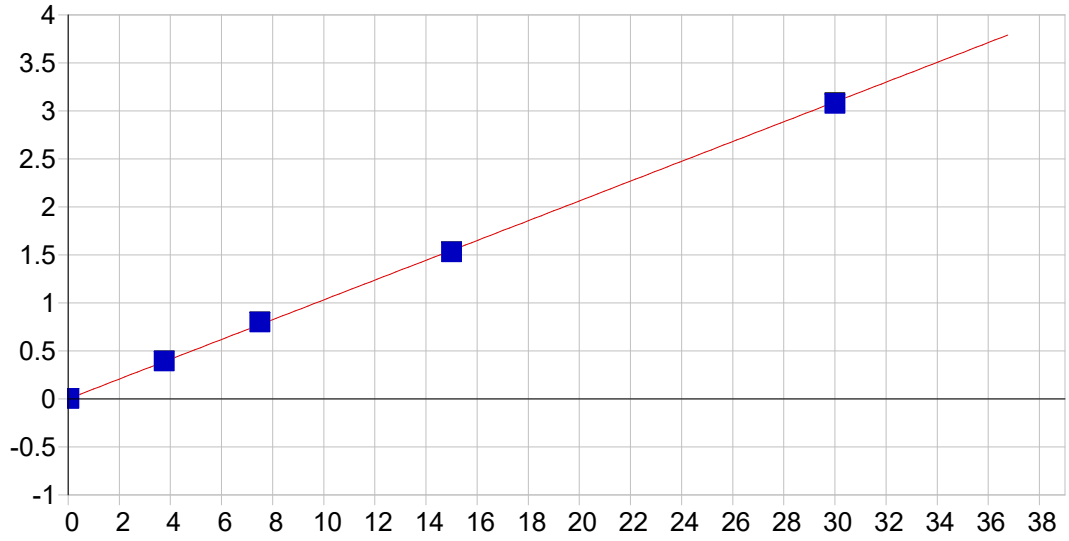
Co 228.616 {448}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000481	Re-Slope:	1.000000
A1 (Gain):	0.475710	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999920	Status:	OK.
Std Error of Est:	0.000160		
Predicted MDL:	0.000604		
Predicted MQL:	0.002014		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00048	.000	1
S1	.05000	.05015	.000	.308	.02346	.000	1
S2	.62500	.62312	-.002	-.301	.29630	.001	1
S3	1.2500	1.2890	.039	3.12	.61345	.003	1
S4	2.5000	2.4746	-.025	-1.02	1.1782	.003	1
S5	5.0000	4.9881	-.012	-.239	2.3753	.009	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



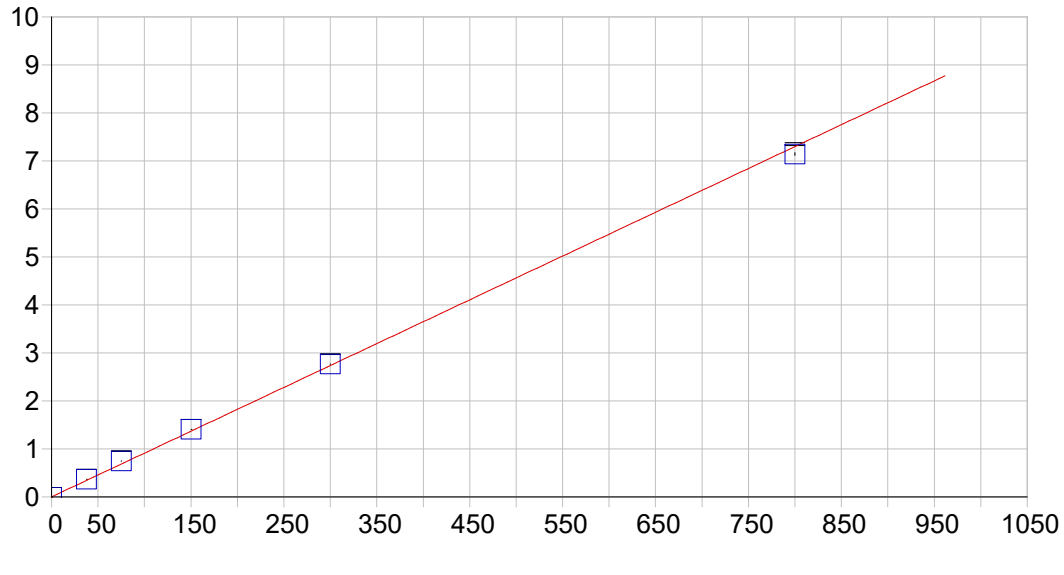
Cu 324.754 {104}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000784	Re-Slope:	1.000000
A1 (Gain):	0.103083	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999901	Status:	OK.
Std Error of Est:	0.000066		
Predicted MDL:	0.006269		
Predicted MQL:	0.020898		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00078	.001	1
S1	.02500	.02353	-.001	-5.88	.00321	.001	1
S2	3.7500	3.8122	.062	1.66	.39351	.001	1
S3	7.5000	7.7401	.240	3.20	.79817	.001	1
S4	15.000	14.847	-.153	-1.02	1.5303	.001	1
S5	30.000	29.852	-.148	-.492	3.0761	.007	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



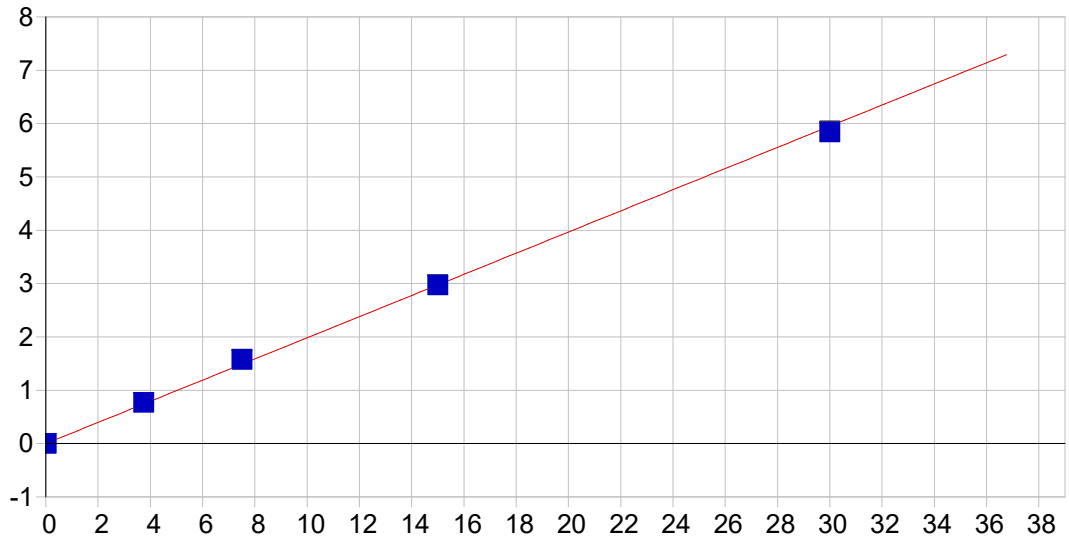
Fe 259.837 {130}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000181	Re-Slope:	1.000000
A1 (Gain):	0.009123	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999507	Status:	OK.
Std Error of Est:	0.000125		
Predicted MDL:	0.040380		
Predicted MQL:	0.134601		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00018	.000	1
S1	.10000	.09624	-.004	-3.76	.00106	.000	1
S2	37.500	40.138	2.64	7.04	.36636	.001	1
S3	75.000	81.844	6.84	9.12	.74684	.006	1
S4	150.00	154.31	4.31	2.87	1.4080	.002	1
S5	300.00	303.45	3.45	1.15	2.7686	.005	1
S6	800.00	782.76	-17.2	-2.16	7.1412	.030	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



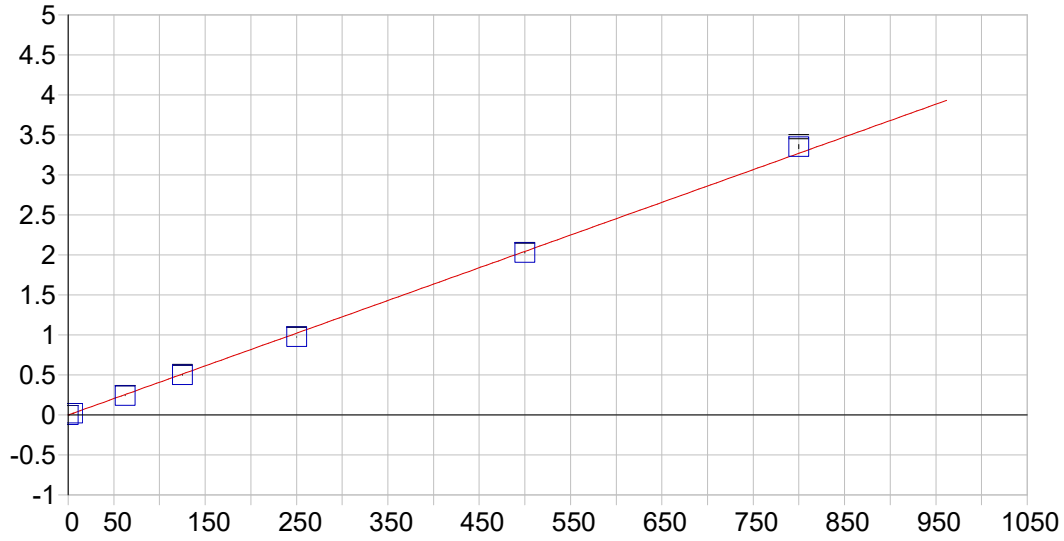
Mn 257.610 {131}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000378	Re-Slope:	1.000000
A1 (Gain):	0.198350	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999640	Status:	OK.
Std Error of Est:	0.000189		
Predicted MDL:	0.001753		
Predicted MQL:	0.005843		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00038	.000	1
S1	.01500	.01765	.003	17.7	.00313	.000	1
S2	3.7500	3.8884	.138	3.69	.77100	.001	1
S3	7.5000	7.9324	.432	5.76	1.5732	.008	1
S4	15.000	14.975	-.025	-.169	2.9703	.005	1
S5	30.000	29.452	-.548	-1.83	5.8423	.018	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



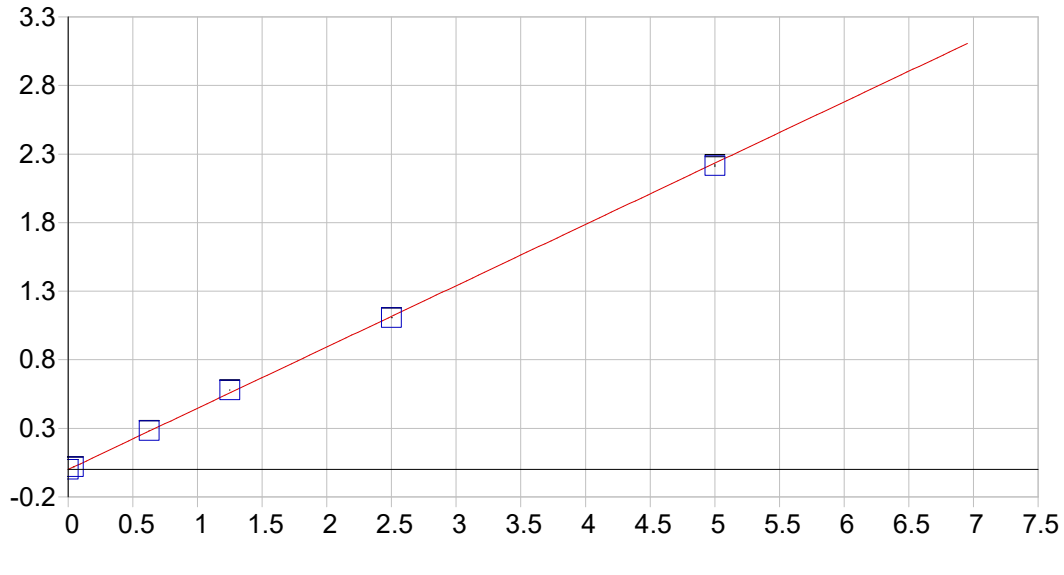
Mg 279.079 {121}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000713	Re-Slope:	1.000000
A1 (Gain):	0.004089	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999633	Status:	OK.
Std Error of Est:	0.000387		
Predicted MDL:	0.094056		
Predicted MQL:	0.313519		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	-.00071	.000	1
S1	5.0000	5.2435	.244	4.87	.02073	.000	1
S2	62.500	59.283	-3.22	-5.15	.24169	.001	1
S3	125.00	122.94	-2.06	-1.64	.50199	.005	1
S4	250.00	238.49	-11.5	-4.60	.97443	.003	1
S5	500.00	496.31	-3.69	-.739	2.0286	.003	1
S6	800.00	820.23	20.2	2.53	3.3531	.026	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



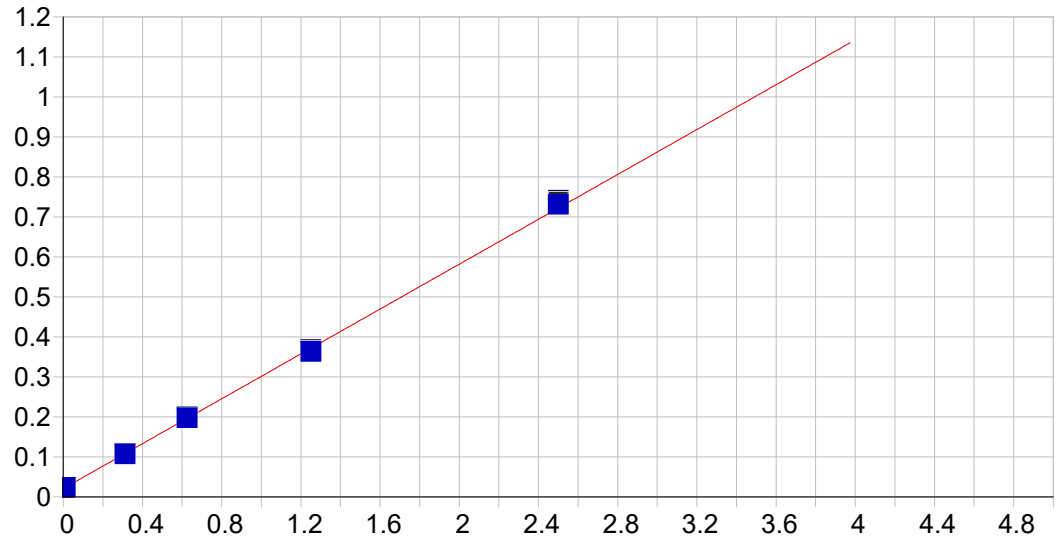
Ni 231.604 {446}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000328	Re-Slope:	1.000000
A1 (Gain):	0.446767	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999853	Status:	OK.
Std Error of Est:	0.000182		
Predicted MDL:	0.000683		
Predicted MQL:	0.002278		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.000	1
S1	.04000	.04243	.002	6.08	.01863	.000	1
S2	.62500	.63607	.011	1.77	.28385	.002	1
S3	1.2500	1.2989	.049	3.91	.57997	.002	1
S4	2.5000	2.4780	-.022	-.878	1.1068	.001	1
S5	5.0000	4.9596	-.040	-.808	2.2154	.008	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

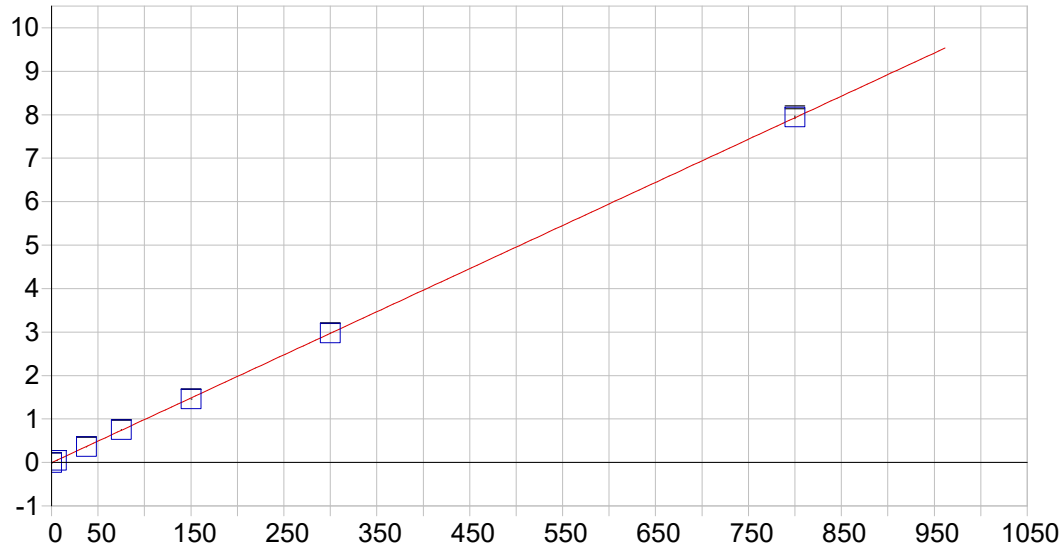


Ag 328.068 {103}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.021018	Re-Slope:	1.000000
A1 (Gain):	0.280416	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999858	Status:	OK.
Std Error of Est:	0.000040		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02102	.000	1
S1	.01000	.01067	.001	6.65	.02400	.000	1
S2	.31250	.30622	-.006	-2.01	.10783	.000	1
S3	.62500	.62879	.004	.606	.19923	.001	1
S4	1.2500	1.2194	-.031	-2.45	.36673	.001	1
S5	2.5000	2.5325	.032	1.30	.73871	.003	1

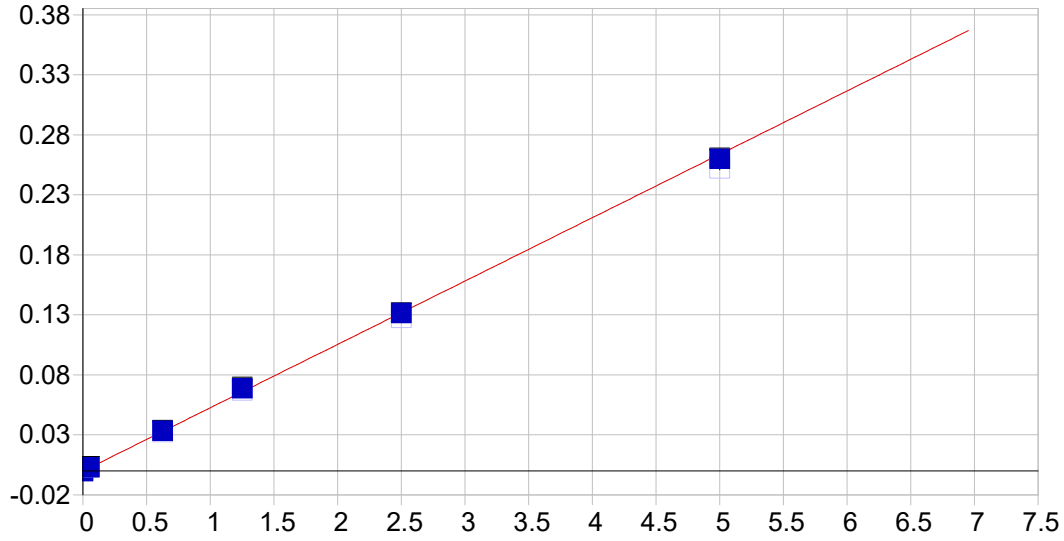


Na 818.326 { 41}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.005470	Re-Slope:	1.000000
A1 (Gain):	0.009921	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.000229		
Predicted MDL:	0.342716		
Predicted MQL:	1.142386		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	-.00547	.002	1
S1	5.0000	4.9567	-.043	-.865	.04371	.002	1
S2	37.500	36.897	-.603	-1.61	.36059	.003	1
S3	75.000	76.394	1.39	1.86	.75243	.005	1
S4	150.00	147.61	-2.39	-1.59	1.4590	.001	1
S5	300.00	300.46	.463	.154	2.9754	.007	1
S6	800.00	801.18	1.18	.147	7.9430	.032	1



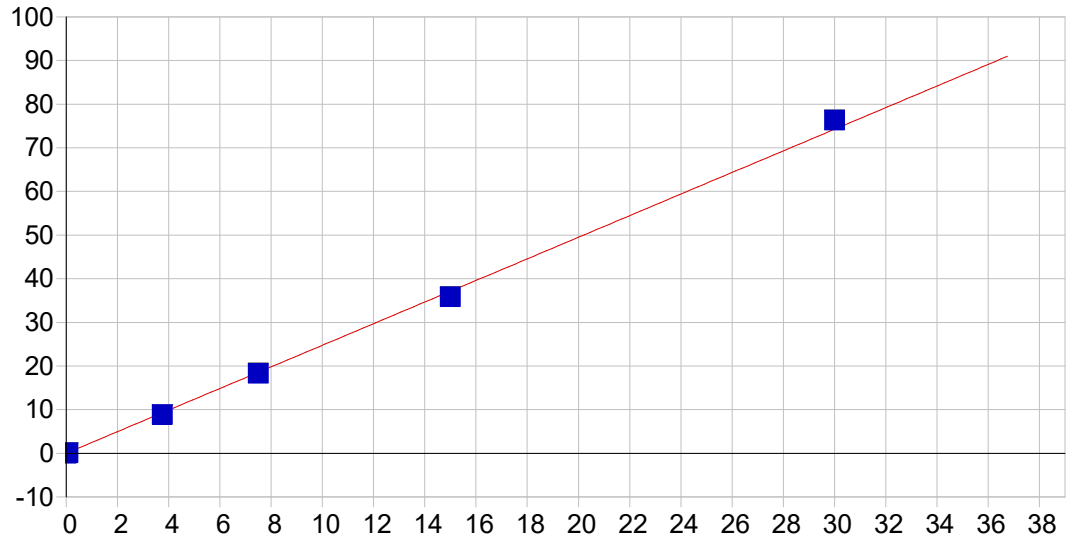
V 292.402 {115}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000158	Re-Slope:	1.000000
A1 (Gain):	0.052781	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999649	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.009923		
Predicted MQL:	0.033075		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00016	.001	1
S1	.05000	.06067	.011	21.3	.00304	.001	1
S2	.62500	.63434	.009	1.49	.03231	.001	1
S3	1.2500	1.3086	.059	4.69	.06688	.001	1
S4	2.5000	2.4932	-.007	-.273	.12738	.000	1
S5	5.0000	4.9279	-.072	-1.44	.25184	.001	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



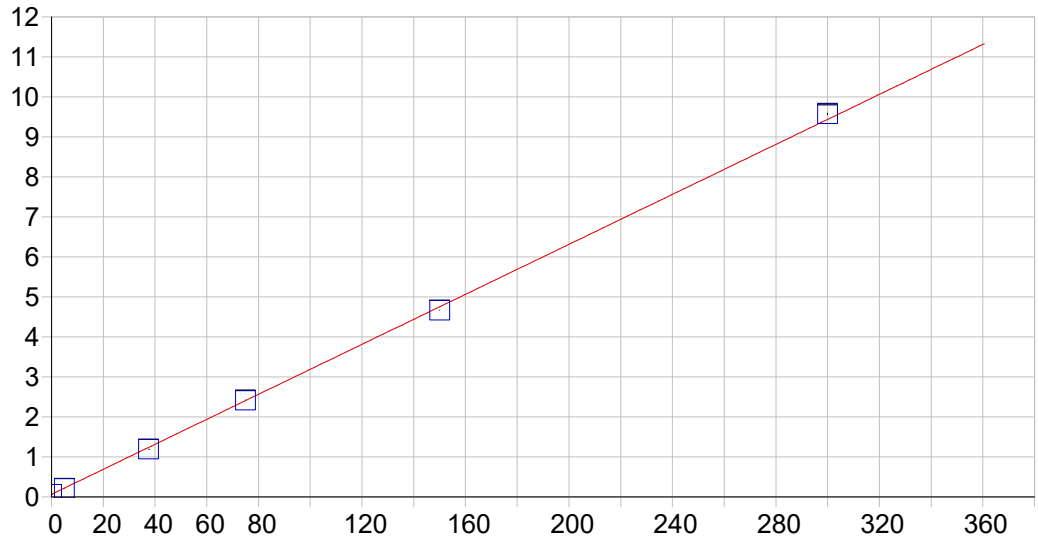
Zn 213.856 {158}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000333	Re-Slope:	1.000000
A1 (Gain):	2.475071	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999547	Status:	OK.
Std Error of Est:	0.005312		
Predicted MDL:	0.000452		
Predicted MQL:	0.001507		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.06000	.06084	.001	1.40	.15163	.002	1
S2	3.7500	3.5747	-.175	-4.67	8.8593	.009	1
S3	7.5000	7.3918	-.108	-1.44	18.318	.043	1
S4	15.000	14.464	-.536	-3.57	35.845	.079	1
S5	30.000	30.818	.818	2.73	76.368	.045	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



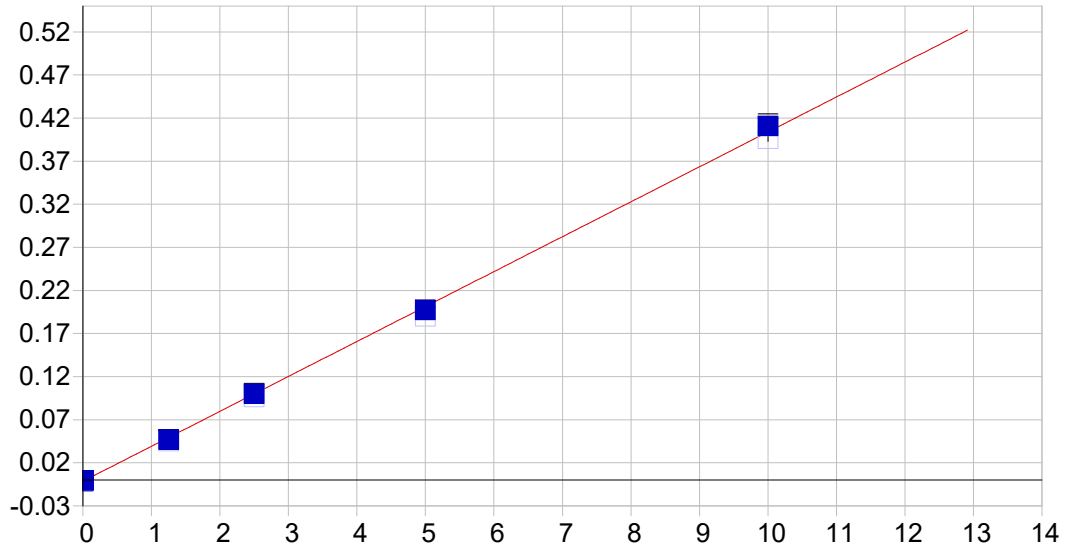
K 769.896 { 44}

Date of Fit: 11/09/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.065984	Re-Slope:	1.000000
A1 (Gain):	0.031240	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999834	Status:	OK.
Std Error of Est:	0.001174		
Predicted MDL:	0.141934		
Predicted MQL:	0.473112		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00051	.001	.000	.06600	.005	1
S1	5.0000	4.6913	-.309	-6.17	.21254	.001	1
S2	37.500	36.037	-1.46	-3.90	1.1918	.001	1
S3	75.000	75.200	.200	.267	2.4152	.010	1
S4	150.00	147.26	-2.74	-1.82	4.6665	.005	1
S5	300.00	304.31	4.31	1.44	9.5725	.019	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



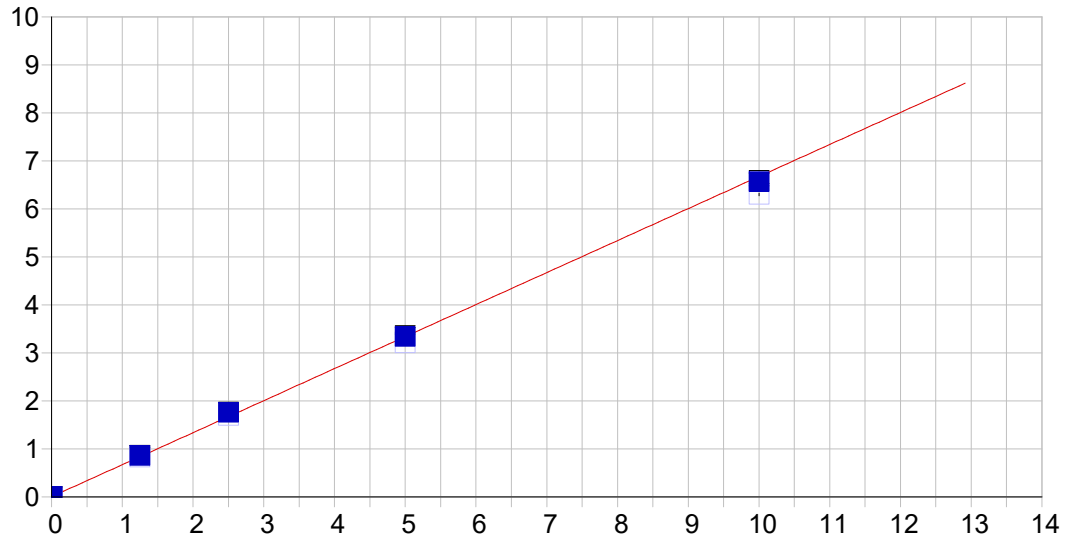
P 177.495 {490}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001340	Re-Slope:	1.000000
A1 (Gain):	0.040530	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999693	Status:	OK.
Std Error of Est:	0.000016		
Predicted MDL:	0.004039		
Predicted MQL:	0.013463		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00134	.000	1
S1	.01000	.01510	.005	51.0	-.00074	.000	1
S2	1.2500	1.1866	-.063	-5.07	.04489	.000	1
S3	2.5000	2.4965	-.003	-.140	.09612	.001	1
S4	5.0000	4.8965	-.103	-2.07	.18966	.000	1
S5	10.000	10.165	.165	1.65	.39575	.003	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

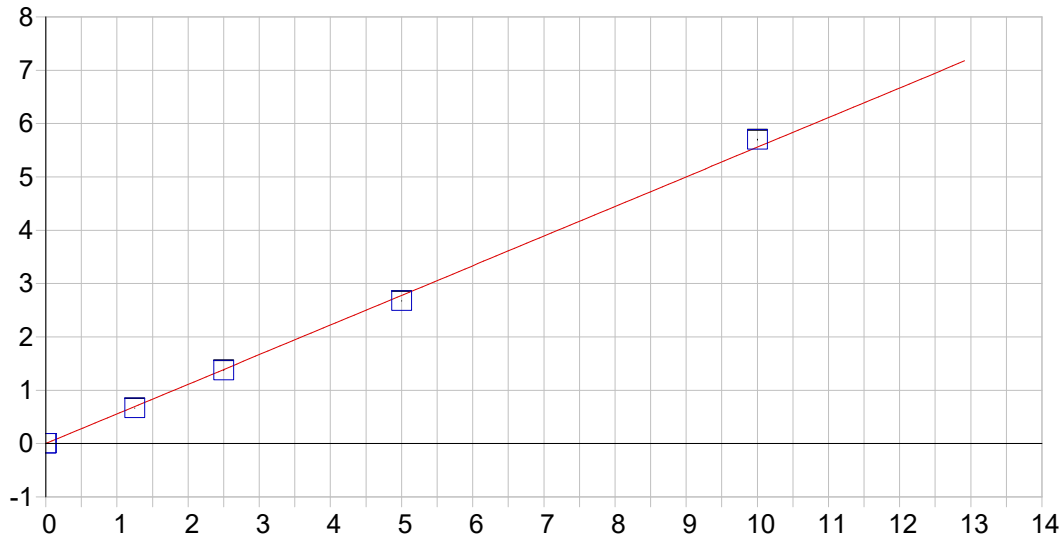


B 249.678 {135}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004322	Re-Slope:	1.000000
A1 (Gain):	0.667027	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999358	Status:	OK.
Std Error of Est:	0.000385		
Predicted MDL:	0.001357		
Predicted MQL:	0.004524		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00433	.000	1
S1	.01000	-.00088	-.011	-109.	.00367	.001	1
S2	1.2500	1.2843	.034	2.75	.82734	.004	1
S3	2.5000	2.6316	.132	5.26	1.6924	.004	1
S4	5.0000	5.0030	.003	.059	3.2068	.019	1
S5	10.000	9.8424	-.158	-1.58	6.3002	.026	1



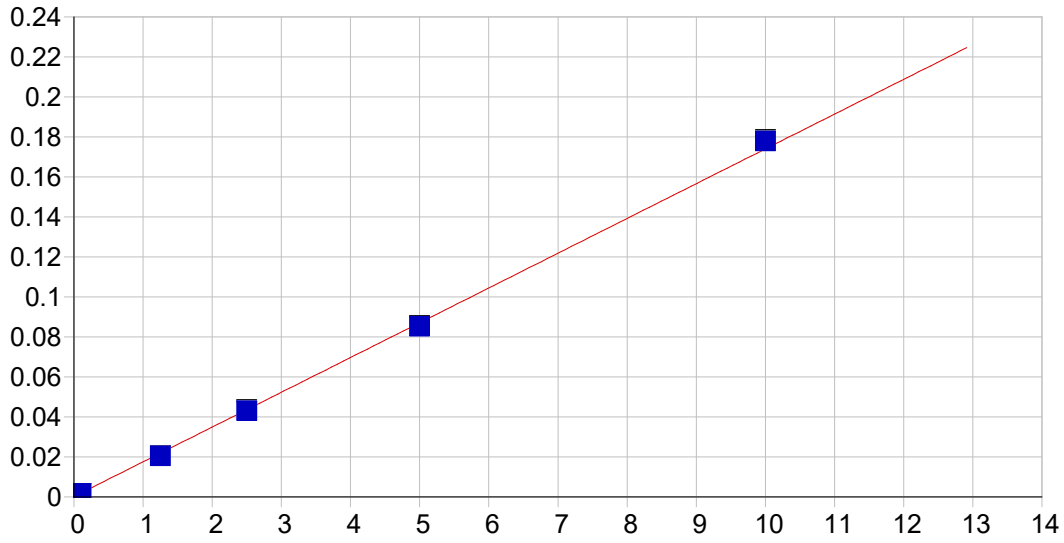
Mo 202.030 {467}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000070	Re-Slope:	1.000000
A1 (Gain):	0.555678	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999577	Status:	OK.
Std Error of Est:	0.000271		
Predicted MDL:	0.000644		
Predicted MQL:	0.002146		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01000	.01043	.000	4.30	.00573	.000	1
S2	1.2500	1.1974	-.053	-4.21	.66528	.003	1
S3	2.5000	2.4800	-.020	-.800	1.3780	.007	1
S4	5.0000	4.8149	-.185	-3.70	2.6754	.004	1
S5	10.000	10.257	.257	2.57	5.6997	.008	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



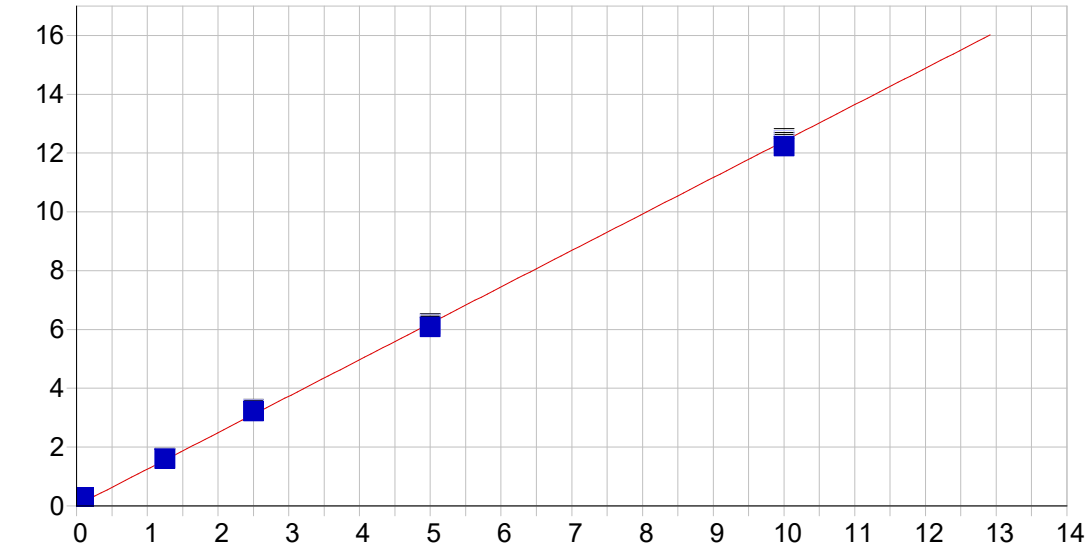
S 182.034 {485}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000165	Re-Slope:	1.000000
A1 (Gain):	0.017383	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999625	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.008418		
Predicted MQL:	0.028059		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00016	.000	1
S1	.10000	.09010	-.010	-9.90	.00173	.000	1
S2	1.2500	1.1679	-.082	-6.57	.02047	.000	1
S3	2.5000	2.4642	-.036	-1.43	.04300	.001	1
S4	5.0000	4.8993	-.101	-2.01	.08534	.000	1
S5	10.000	10.229	.229	2.29	.17799	.001	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



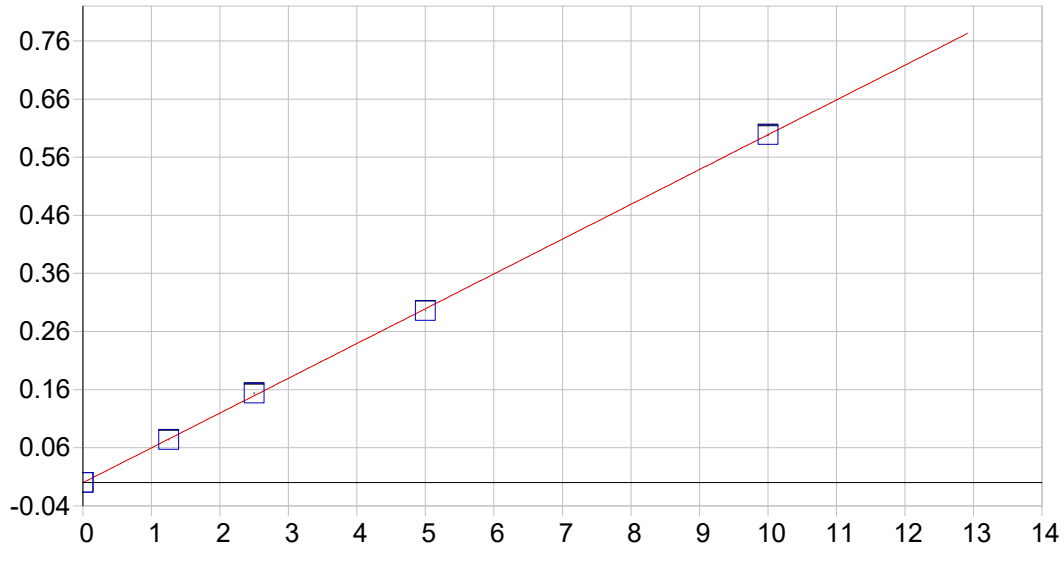
Si 251.611 {134}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.011282	Re-Slope:	1.000000
A1 (Gain):	1.239496	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.995576	Status:	OK.
Std Error of Est:	0.006317		
Predicted MDL:	0.000689		
Predicted MQL:	0.002297		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	-.000	.000	.01112	.001	1
S1	.10000	.22850	.128	128.	.29533	.001	1
S2	1.2500	1.2782	.028	2.26	1.6207	.006	1
S3	2.5000	2.5902	.090	3.61	3.2719	.013	1
S4	5.0000	4.8973	-.103	-2.05	6.1816	.024	1
S5	10.000	9.8571	-.143	-1.43	12.429	.070	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



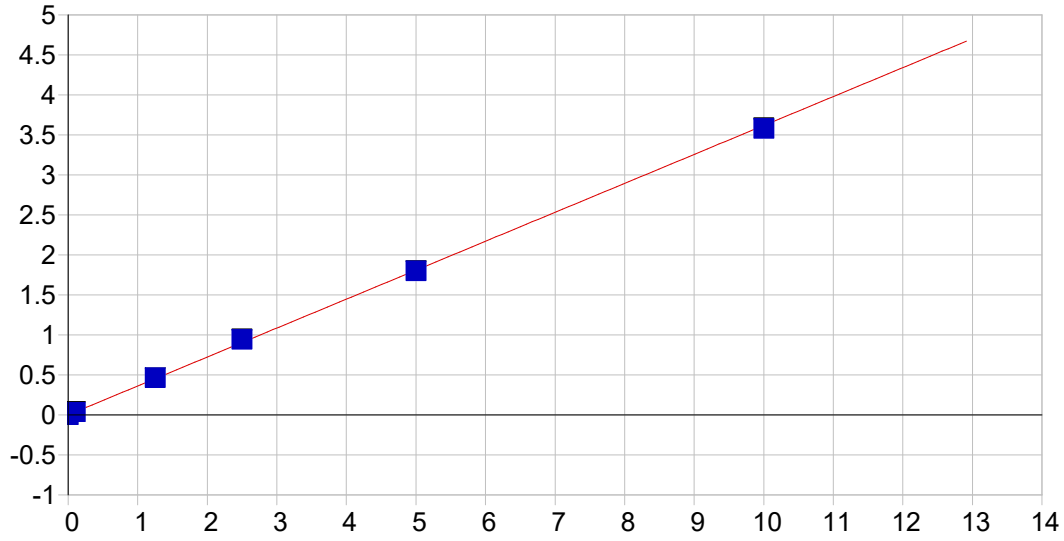
Sn 189.989 {478}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000016	Re-Slope:	1.000000
A1 (Gain):	0.059856	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.002448		
Predicted MQL:	0.008160		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.00700	.00753	.001	7.53	.00047	.000	1
S2	1.2500	1.2355	-.015	-1.16	.07397	.000	1
S3	2.5000	2.5714	.071	2.85	.15393	.001	1
S4	5.0000	4.9438	-.056	-1.12	.29593	.000	1
S5	10.000	9.9988	-.001	-.012	.59850	.001	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

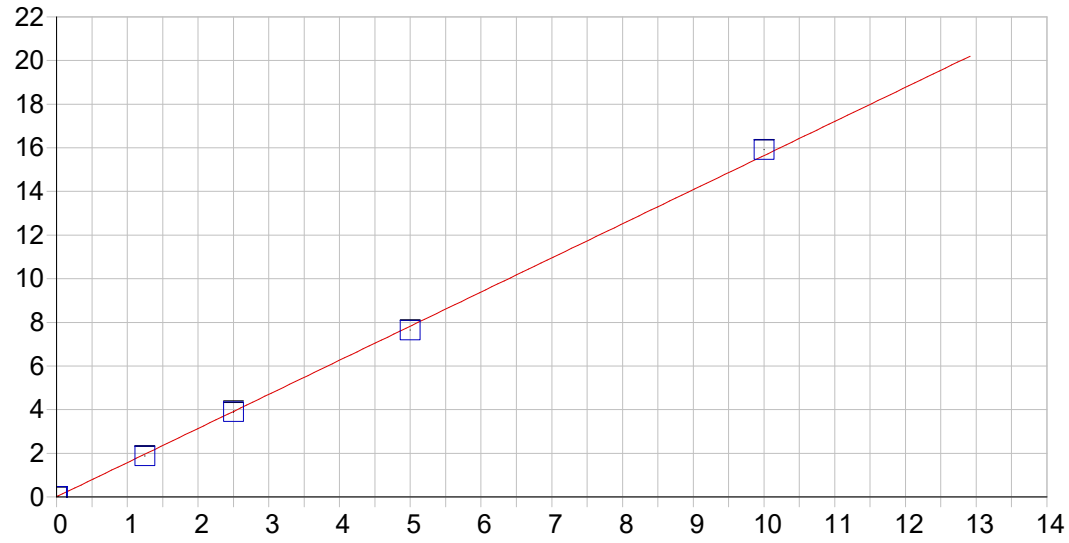


Ti 336.121 {100}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000149	Re-Slope:	1.000000
A1 (Gain):	0.361746	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999828	Status:	OK.
Std Error of Est:	0.000357		
Predicted MDL:	0.002232		
Predicted MQL:	0.007440		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00015	.001	1
S1	.10000	.10409	.004	4.09	.03779	.001	1
S2	1.2500	1.2780	.028	2.24	.46225	.001	1
S3	2.5000	2.6045	.104	4.18	.94185	.007	1
S4	5.0000	4.9706	-.029	-.589	1.7973	.004	1
S5	10.000	9.8928	-.107	-1.07	3.5770	.008	1



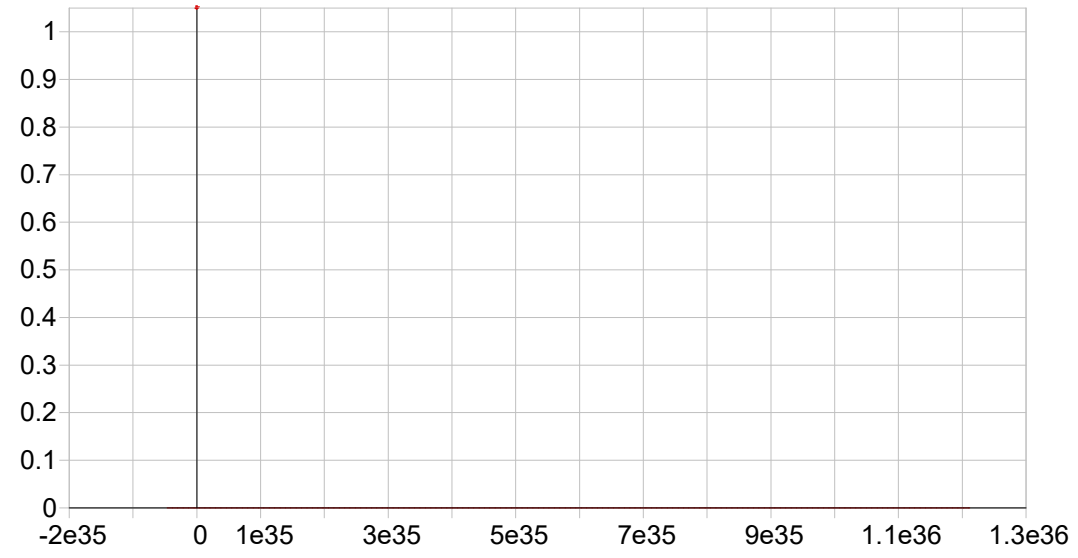
Li 670.784 { 50}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007423	Re-Slope:	1.000000
A1 (Gain):	1.563781	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999779	Status:	OK.
Std Error of Est:	0.000676		
Predicted MDL:	0.002153		
Predicted MQL:	0.007176		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00742	.007	1
S5	10.000	10.176	.176	1.76	15.920	.011	1
S4	5.0000	4.8834	-.117	-2.33	7.6440	.009	1
S3	2.5000	2.4935	-.007	-.261	3.9067	.036	1
S2	1.2500	1.1960	-.054	-4.32	1.8778	.009	1
S1	.01500	.01658	.002	10.5	.03335	.002	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

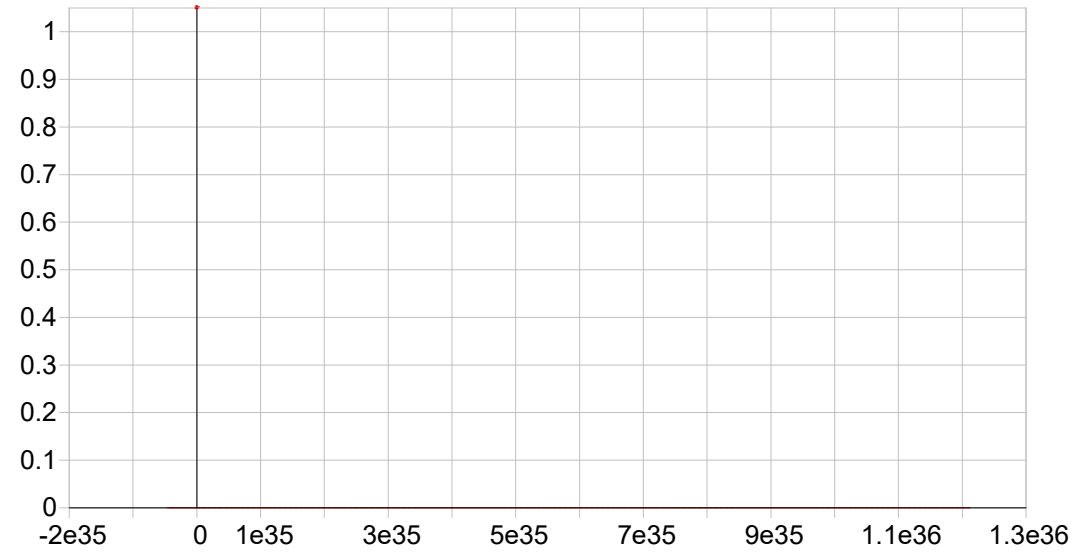


Y 224.306 {450}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 360.073 { 94}*

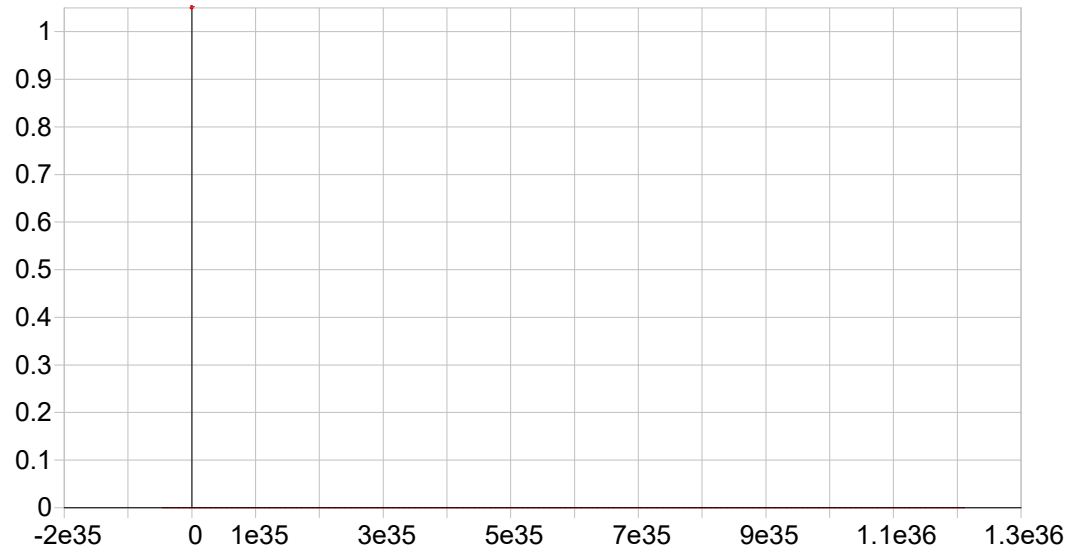
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a					
Predicted MQL:	n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

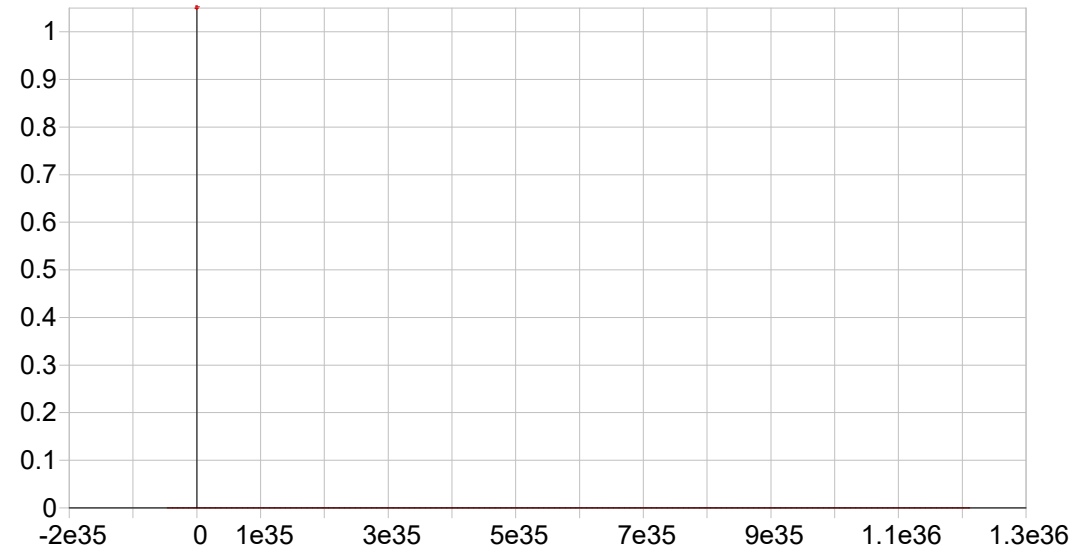


Y 371.030 { 91}*

Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		0.000000		Re-Slope:	1.000000	
A1 (Gain):		0.000000		Y-int:	0.000000	
A2 (Curvature):		0.000000				
n (Exponent):		1.000000				
Correlation:		0.000000		Status:	Warning	Zero Gain
Std Error of Est:		0.000000				
Predicted MDL:		n/a				
Predicted MQL:		n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

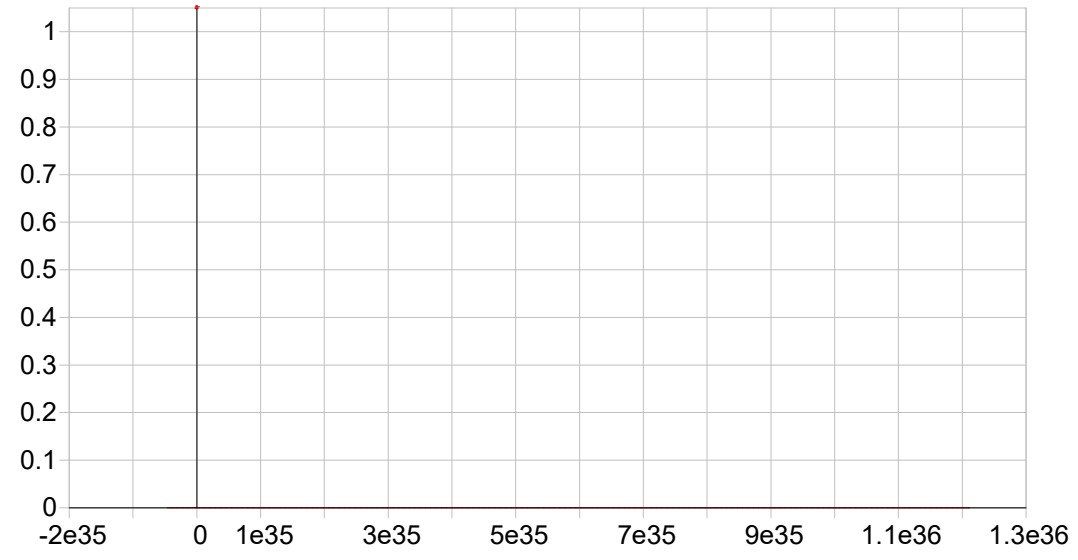
Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5



Y 224.306 {150}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



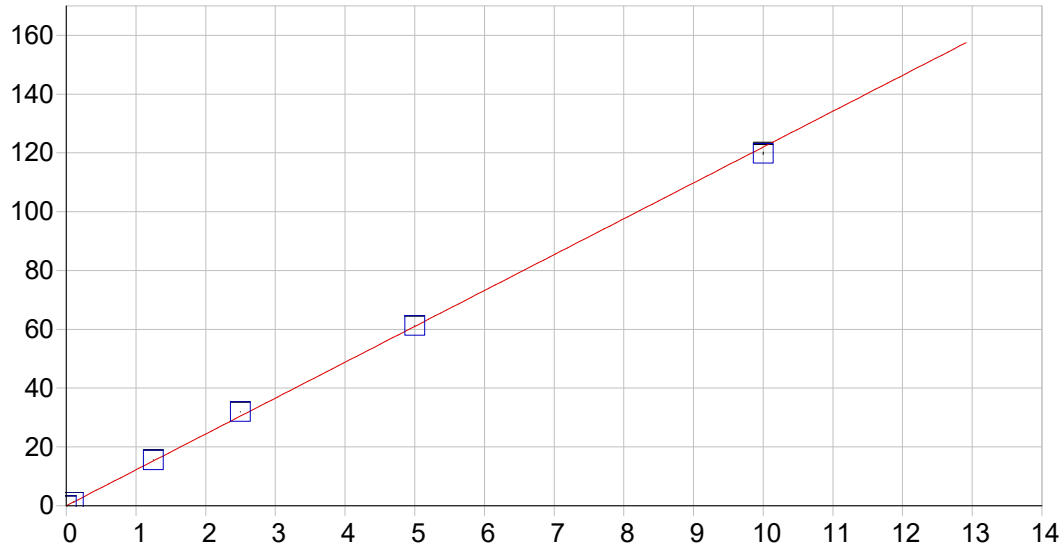
In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Sr 407.771 { 83}

Date of Fit:	11/09/2024 15:55:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001868	Re-Slope:	1.000000
A1 (Gain):	12.198082	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999741	Status:	OK.
Std Error of Est:	0.014757		
Predicted MDL:	0.000117		
Predicted MQL:	0.000390		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00174	.001	1
S1	.10000	.10485	.005	4.85	1.2808	.005	1
S2	1.2500	1.2802	.030	2.42	15.618	.016	1
S3	2.5000	2.6195	.119	4.78	31.955	.091	1
S4	5.0000	5.0192	.019	.384	61.226	.094	1
S5	10.000	9.8263	-.174	-1.74	119.86	.363	1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: S0 Acquired: 11/09/2024 16:11:02 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00011	-.00008	-.00051	.00062	.00000	-.00309	.00194	-.00111
Stddev	.00007	.00015	.00030	.00005	.00069	.00044	.00213	.00062
%RSD	58.616	188.05	58.291	7.5345	100800.	14.292	109.82	55.861
#1	.00019	.00007	-.00085	.00067	-.00019	-.00348	.00181	-.00072
#2	.00006	-.00009	-.00036	.00058	-.00057	-.00261	.00413	-.00080
#3	.00009	-.00023	-.00032	.00060	.00077	-.00318	-.00012	-.00183

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00068	.00438	-.00017	-.00048	.00078	.00018	-.00038	-.00071
Stddev	.00011	.00076	.00007	.00027	.00096	.00015	.00020	.00009
%RSD	16.132	17.262	39.318	55.196	122.61	82.585	53.663	13.326
#1	.00080	.00503	-.00021	-.00019	.00151	.00006	-.00015	-.00078
#2	.00058	.00457	-.00009	-.00071	-.00031	.00035	-.00052	-.00060
#3	.00067	.00355	-.00020	-.00054	.00115	.00014	-.00047	-.00075

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00033	.02102	-.00547	-.00016	.00034	.06600	-.00134	.00433
Stddev	.00015	.00014	.00209	.00062	.00041	.00542	.00003	.00005
%RSD	44.720	.65773	38.201	387.68	118.82	8.2177	2.5588	1.1363
#1	-.00023	.02113	-.00787	.00033	.00000	.06268	-.00137	.00438
#2	-.00050	.02106	-.00442	.00005	.00079	.06307	-.00130	.00429
#3	-.00026	.02086	-.00411	-.00085	.00023	.07226	-.00135	.00432

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00007	.00016	.01112	.00002	.00015	.00742	.00174
Stddev	.00008	.00008	.00108	.00004	.00060	.00669	.00076
%RSD	116.46	48.483	9.6957	274.04	413.62	90.141	43.702
#1	.00002	.00019	.01097	.00006	-.00029	.00560	.00251
#2	-.00013	.00007	.01226	.00000	-.00011	.00183	.00099
#3	-.00011	.00023	.01012	-.00002	.00083	.01483	.00172

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: S0 Acquired: 11/09/2024 16:11:02 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1145.3	29112.	2954.9	1050.7	2207.3
Stddev	2.2	136.	7.9	8.3	.7
%RSD	.18969	.46842	.26574	.79440	.03028
#1	1146.1	29040.	2963.3	1048.4	2206.6
#2	1146.9	29027.	2953.6	1043.8	2207.9
#3	1142.8	29269.	2947.7	1060.0	2207.3

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: S1 Acquired: 11/09/2024 16:15:41 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00036	.00100	.00036	.00188	.00849	.01497	.95633	.02628
Stddev	.00012	.00022	.00037	.00026	.00032	.00055	.00055	.00059
%RSD	33.627	22.030	103.58	13.704	3.7695	3.6434	.05783	2.2528
#1	.00050	.00116	.00062	.00216	.00847	.01477	.95694	.02559
#2	.00028	.00075	-.00007	.00180	.00818	.01558	.95615	.02667
#3	.00031	.00110	.00052	.00167	.00882	.01455	.95588	.02656

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00881	.30265	.00125	.02346	.00321	.00106	.00313	.02073
Stddev	.00019	.00032	.00001	.00030	.00055	.00026	.00013	.00014
%RSD	2.1532	.10555	.66842	1.2743	17.016	24.992	4.2748	.68760
#1	.00862	.30282	.00125	.02327	.00381	.00085	.00299	.02086
#2	.00880	.30284	.00126	.02330	.00308	.00097	.00315	.02074
#3	.00900	.30228	.00125	.02380	.00274	.00136	.00325	.02058

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01863	.02400	.04371	.00304	.15163	.21254	-.00074	.00367
Stddev	.00028	.00020	.00164	.00065	.00193	.00114	.00008	.00089
%RSD	1.4920	.84204	3.7450	21.301	1.2722	.53421	10.164	24.310
#1	.01849	.02422	.04519	.00356	.15003	.21148	-.00082	.00283
#2	.01895	.02397	.04398	.00231	.15108	.21240	-.00067	.00461
#3	.01845	.02382	.04195	.00324	.15377	.21374	-.00073	.00357

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00573	.00173	.29533	.00047	.03779	.03335	1.2808
Stddev	.00049	.00019	.00123	.00011	.00098	.00163	.0046
%RSD	8.5323	10.707	.41630	23.230	2.5979	4.8743	.36106
#1	.00518	.00178	.29400	.00053	.03670	.03154	1.2756
#2	.00588	.00152	.29558	.00034	.03859	.03468	1.2824
#3	.00612	.00188	.29642	.00052	.03808	.03383	1.2845

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: S1 Acquired: 11/09/2024 16:15:41 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1147.7	29276.	2928.1	1059.0	2185.9
Stddev	1.6	98.	10.7	2.8	.7
%RSD	.13608	.33388	.36383	.26601	.03369
#1	1148.5	29179.	2937.7	1059.7	2186.4
#2	1145.9	29274.	2916.6	1055.8	2186.3
#3	1148.6	29374.	2930.0	1061.3	2185.1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: S2 Acquired: 11/09/2024 16:20:21 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02779	.06008	.69375	.05235	.17279	3.3184	11.587	.65984
Stddev	.00032	.00062	.00195	.00072	.00102	.0066	.023	.00193
%RSD	1.1383	1.0262	.28092	1.3706	.59155	.19909	.19423	.29305
#1	.02748	.05939	.69229	.05152	.17236	3.3160	11.592	.65773
#2	.02776	.06025	.69299	.05269	.17206	3.3258	11.607	.66028
#3	.02811	.06059	.69596	.05283	.17396	3.3133	11.563	.66152

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.98030	3.5318	.44373	.29630	.39351	.36636	.77100	.24169
Stddev	.00347	.0087	.00057	.00117	.00068	.00107	.00059	.00127
%RSD	.35376	.24588	.12805	.39403	.17282	.29301	.07637	.52574
#1	.97774	3.5227	.44314	.29537	.39337	.36724	.77100	.24261
#2	.97892	3.5400	.44378	.29593	.39425	.36667	.77158	.24221
#3	.98425	3.5326	.44427	.29761	.39291	.36516	.77041	.24024

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.28385	.10783	.36059	.03231	8.8593	1.1918	.04489	.82734
Stddev	.00171	.00017	.00269	.00053	.0089	.0014	.00026	.00427
%RSD	.60376	.15912	.74610	1.6270	.10081	.11895	.57949	.51634
#1	.28222	.10782	.36317	.03183	8.8631	1.1927	.04459	.82272
#2	.28368	.10766	.36078	.03287	8.8491	1.1924	.04503	.83115
#3	.28564	.10800	.35780	.03223	8.8658	1.1901	.04504	.82816

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.66528	.02047	1.6207	.07397	.46225	1.8778	15.618
Stddev	.00337	.00018	.0056	.00031	.00133	.0090	.016
%RSD	.50691	.88101	.34803	.41311	.28717	.47718	.10277
#1	.66339	.02036	1.6153	.07364	.46115	1.8791	15.631
#2	.66328	.02036	1.6201	.07401	.46187	1.8860	15.622
#3	.66917	.02068	1.6266	.07425	.46373	1.8682	15.600

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: S2 Acquired: 11/09/2024 16:20:21 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1090.8	28709.	2930.5	1003.0	1995.0
Stddev	3.9	70.	7.3	3.9	4.8
%RSD	.36194	.24242	.24984	.38434	.23932
#1	1092.7	28666.	2937.7	999.88	1998.6
#2	1093.5	28671.	2923.1	1001.9	1996.9
#3	1086.3	28789.	2930.6	1007.3	1989.6

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: S3 Acquired: 11/09/2024 16:24:46 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05876	.12235	1.4346	.10827	.36205	6.8478	24.050	1.3405
Stddev	.00046	.00004	.0060	.00019	.00265	.0319	.154	.0072
%RSD	.78167	.03584	.41934	.17882	.73163	.46563	.64202	.53770
#1	.05823	.12233	1.4286	.10818	.36177	6.8139	23.877	1.3467
#2	.05909	.12231	1.4347	.10814	.35955	6.8772	24.174	1.3423
#3	.05895	.12240	1.4406	.10849	.36482	6.8522	24.098	1.3326

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0238	7.2230	.89458	.61345	.79817	.74684	1.5732	.50199
Stddev	.0103	.0433	.00138	.00313	.00094	.00587	.0084	.00459
%RSD	.50702	.59912	.15396	.50966	.11790	.78575	.53546	.91409
#1	2.0140	7.1739	.89299	.61048	.79710	.74088	1.5642	.49692
#2	2.0228	7.2556	.89535	.61317	.79853	.75261	1.5808	.50587
#3	2.0345	7.2394	.89541	.61671	.79888	.74703	1.5747	.50317

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.57997	.19923	.75243	.06688	18.318	2.4152	.09612	1.6924
Stddev	.00245	.00097	.00545	.00081	.043	.0095	.00102	.0045
%RSD	.42248	.48623	.72482	1.2080	.23521	.39553	1.0568	.26295
#1	.57749	.19814	.74638	.06632	18.294	2.4042	.09517	1.6940
#2	.58002	.19955	.75696	.06652	18.292	2.4210	.09600	1.6958
#3	.58239	.20000	.75395	.06781	18.368	2.4204	.09719	1.6873

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3780	.04300	3.2719	.15393	.94185	3.9067	31.955
Stddev	.0068	.00051	.0126	.00103	.00681	.0357	.091
%RSD	.49078	1.1879	.38536	.66741	.72302	.91377	.28608
#1	1.3753	.04267	3.2740	.15278	.93399	3.8661	31.870
#2	1.3731	.04275	3.2834	.15425	.94592	3.9333	32.051
#3	1.3857	.04359	3.2584	.15475	.94565	3.9207	31.943

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: S3 Acquired: 11/09/2024 16:24:46 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1044.3	28128.	2896.2	952.46	1888.0
Stddev	3.7	74.	9.1	3.94	4.0
%RSD	.35046	.26471	.31473	.41397	.20965
#1	1043.0	28213.	2901.6	956.05	1891.3
#2	1048.4	28096.	2885.7	953.08	1889.0
#3	1041.5	28074.	2901.3	948.24	1883.6

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: S4 Acquired: 11/09/2024 16:29:08 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11593	.22992	2.7370	.21108	.71289	13.269	46.128	2.5583
Stddev	.00031	.00032	.0038	.00061	.00100	.009	.048	.0098
%RSD	.26312	.14122	.13725	.28786	.14018	.06946	.10430	.38287
#1	.11559	.23008	2.7379	.21038	.71223	13.259	46.083	2.5473
#2	.11603	.22955	2.7329	.21139	.71241	13.272	46.179	2.5619
#3	.11618	.23014	2.7402	.21146	.71404	13.277	46.122	2.5659

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8539	13.815	1.6847	1.1782	1.5303	1.4080	2.9703	.97443
Stddev	.0060	.019	.0005	.0030	.0015	.0019	.0047	.00253
%RSD	.15636	.14006	.02927	.25257	.09516	.13342	.15982	.25965
#1	3.8521	13.799	1.6842	1.1765	1.5290	1.4067	2.9655	.97155
#2	3.8489	13.836	1.6851	1.1764	1.5319	1.4101	2.9705	.97544
#3	3.8606	13.809	1.6849	1.1816	1.5299	1.4071	2.9749	.97630

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1068	.36673	1.4590	.12738	35.845	4.6665	.18966	3.2068
Stddev	.0008	.00143	.0010	.00023	.079	.0047	.00010	.0186
%RSD	.07351	.38955	.06934	.17959	.21937	.10042	.05101	.58008
#1	1.1064	.36685	1.4578	.12723	35.756	4.6612	.18955	3.1880
#2	1.1062	.36809	1.4592	.12764	35.875	4.6682	.18970	3.2074
#3	1.1077	.36524	1.4598	.12727	35.905	4.6701	.18974	3.2251

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6754	.08534	6.1816	.29593	1.7973	7.6440	61.226
Stddev	.0043	.00023	.0241	.00034	.0042	.0092	.094
%RSD	.15914	.27430	.38989	.11448	.23356	.11982	.15335
#1	2.6738	.08539	6.1564	.29587	1.8013	7.6353	61.204
#2	2.6722	.08554	6.1842	.29563	1.7929	7.6535	61.146
#3	2.6803	.08508	6.2044	.29630	1.7978	7.6431	61.329

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: S4 Acquired: 11/09/2024 16:29:08 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	987.79	27421.	2861.1	877.86	1787.4
Stddev	1.48	94.	4.5	2.06	3.8
%RSD	.14950	.34106	.15777	.23469	.21134
#1	988.56	27341.	2865.5	878.65	1788.7
#2	988.73	27398.	2856.4	875.52	1790.3
#3	986.09	27524.	2861.3	879.41	1783.1

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: S5 Acquired: 11/09/2024 16:33:26 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.24329	.44938	5.5510	.44795	1.5647	27.036	91.395	5.1454
Stddev	.00068	.00089	.0116	.00247	.0043	.046	.204	.0332
%RSD	.27793	.19845	.20923	.55201	.27645	.17187	.22278	.64491
#1	.24288	.44926	5.5401	.44914	1.5666	27.060	91.510	5.1678
#2	.24292	.44856	5.5497	.44511	1.5597	27.064	91.515	5.1611
#3	.24407	.45033	5.5632	.44961	1.5677	26.982	91.160	5.1073

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.6475	27.566	3.3268	2.3753	3.0761	2.7686	5.8423	2.0286
Stddev	.0198	.062	.0041	.0086	.0067	.0055	.0176	.0030
%RSD	.25891	.22589	.12333	.36119	.21657	.19748	.30065	.14752
#1	7.6288	27.603	3.3233	2.3660	3.0807	2.7691	5.8487	2.0301
#2	7.6455	27.600	3.3259	2.3770	3.0791	2.7738	5.8558	2.0305
#3	7.6683	27.494	3.3313	2.3829	3.0684	2.7629	5.8224	2.0252

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2154	.73871	2.9754	.25184	76.368	9.5725	.39575	6.3002
Stddev	.0077	.00311	.0073	.00084	.045	.0195	.00265	.0263
%RSD	.34855	.42095	.24700	.33501	.05832	.20363	.67078	.41728
#1	2.2079	.73582	2.9789	.25224	76.334	9.5665	.39354	6.3115
#2	2.2152	.73831	2.9803	.25240	76.419	9.5942	.39501	6.3190
#3	2.2233	.74200	2.9670	.25087	76.351	9.5566	.39870	6.2702

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.6997	.17799	12.429	.59850	3.5770	15.920	119.86
Stddev	.0083	.00060	.070	.00130	.0084	.011	.36
%RSD	.14538	.33573	.56306	.21645	.23623	.07197	.30284
#1	5.7047	.17748	12.452	.59715	3.5793	15.920	119.57
#2	5.6901	.17782	12.485	.59864	3.5842	15.931	120.27
#3	5.7043	.17865	12.351	.59973	3.5677	15.908	119.75

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: S5 Acquired: 11/09/2024 16:33:26 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	878.96	26591.	2806.5	744.09	1654.3
Stddev	.64	85.	11.5	.54	4.1
%RSD	.07306	.32038	.40967	.07246	.24599
#1	878.74	26608.	2796.4	743.88	1658.9
#2	879.68	26665.	2804.0	744.71	1652.7
#3	878.45	26498.	2819.0	743.70	1651.2

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: S6 Acquired: 11/09/2024 16:37:54 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	69.711	43.555	7.1412	3.3531	7.9430
Stddev	.181	.260	.0295	.0256	.0321
%RSD	.26018	.59622	.41311	.76376	.40432
#1	69.824	43.752	7.1655	3.3738	7.9598
#2	69.502	43.260	7.1084	3.3244	7.9059
#3	69.806	43.652	7.1497	3.3610	7.9632

Int. Std.	Y_3710
Units	Cts/S
Avg	2745.8
Stddev	17.8
%RSD	.64939
#1	2730.8
#2	2765.5
#3	2741.2

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: ICV007 Acquired: 11/09/2024 16:52:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.065991	1.040482	.9660102	.9860477	.9444190	2.442781
Stddev	.011578	.002304	.0037796	.0075258	.0076063	.009674
%RSD	1.086157	.2214079	.3912569	.7632313	.8053904	.3960380
#1	1.076122	1.039626	.9640182	.9843160	.9404217	2.443484
#2	1.068480	1.038730	.9703692	.9942884	.9396449	2.432774
#3	1.053370	1.043092	.9636434	.9795387	.9531905	2.452085

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5100541	.5204549	.4945258	10.04951	.5569412	.4892092
Stddev	.0006502	.0011829	.0007729	.02923	.0024216	.0011637
%RSD	.1274793	.2272767	.1562875	.2908785	.4347951	.2378653
#1	.5107490	.5218086	.4938032	10.07508	.5581420	.4883565
#2	.5099528	.5196206	.4944335	10.05579	.5585276	.4887363
#3	.5094605	.5199355	.4953406	10.01764	.5541539	.4905349

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4823018	10.69572	.5329777	6.045603	.4992950	.2394658
Stddev	.0033352	.09710	.0049721	.084665	.0010559	.0004673
%RSD	.6915214	.9078664	.9329004	1.400436	.2114848	.1951201
#1	.4836733	10.58588	.5291641	6.128147	.4995064	.2398329
#2	.4784995	10.77011	.5386013	5.958966	.4981493	.2396246
#3	.4847325	10.73119	.5311677	6.049698	.5002292	.2389398

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.373609	.5312356	.9869910	10.16259	F .0075920	F .0139688
Stddev	.018608	.0056238	.0039274	.16531	.0037363	.0007791
%RSD	.1985144	1.058620	.3979188	1.626611	49.21374	5.577206
#1	9.395077	.5374972	.9824619	9.98911	.0093882	.0135358
#2	9.363640	.5295952	.9890547	10.31828	.0032968	.0148682
#3	9.362108	.5266145	.9894563	10.18038	.0100910	.0135025

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: ICV007 Acquired: 11/09/2024 16:52:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000294	F .0157144	F .0016184	F -.001203	F .0006656	F .0053203
Stddev	.000836	.0048182	.0009020	.001711	.0014376	.0010737
%RSD	283.7620	30.66120	55.73419	142.1881	215.9810	20.18112
#1	-.001058	.0133166	.0005769	-.002122	.0022151	.0063050
#2	.000598	.0125655	.0021450	.000771	.0004063	.0054804
#3	-.000424	.0212611	.0021334	-.002259	-.000625	.0041756

Elem	Sr4077
Units	ppm
Avg	F .0014232
Stddev	.0000947
%RSD	6.655394
#1	.0014456
#2	.0015047
#3	.0013192

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1135.866	29040.00	2919.442	1048.672	2153.315
Stddev	1.656	39.81	14.113	3.922	3.294
%RSD	.1457964	.1370758	.4834043	.3739692	.1529531
#1	1134.374	29011.10	2903.600	1052.974	2154.090
#2	1137.648	29023.50	2924.055	1045.296	2156.153
#3	1135.577	29085.41	2930.671	1047.747	2149.703

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: ICB007 Acquired: 11/09/2024 16:56:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047610	-.005166	.0012382	.0030553	-.000415	.0186092	.0000447
Stddev	.0032038	.001089	.0037814	.0059716	.000638	.0076215	.0003611
%RSD	67.29174	21.07339	305.3853	195.4520	153.6646	40.95551	807.6908
#1	.0015665	-.006331	.0051467	.0039409	-.000764	.0199959	.0003129
#2	.0079739	-.004995	.0009697	-.003310	.000321	.0103896	.0001872
#3	.0047426	-.004174	-.002402	.008535	-.000801	.0254422	-.000366

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000149	-.000114	.0051566	-.000269	.0002785	-.001706	-.002941
Stddev	.000098	.000067	.0253089	.000394	.0006189	.003801	.031090
%RSD	65.96189	58.65281	490.8027	146.5686	222.1947	222.8736	1057.253
#1	-.000044	-.000136	-.024067	.000060	.0004222	.002358	-.035076
#2	-.000238	-.000039	.019954	-.000161	-.000400	-.002300	.026987
#3	-.000165	-.000168	.019583	-.000706	.000813	-.005174	-.000734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022136	.1162663	-.000067	.0002266	-.084323	-.005485	.0003675
Stddev	.0003951	.0987772	.000330	.0002920	.310500	.008974	.0007256
%RSD	17.85013	84.95773	496.5399	128.8397	368.2258	163.6164	197.4713
#1	.0020744	.2170738	-.000183	.0000081	.041851	-.007649	.0011764
#2	.0019068	.0196529	.000306	.0001136	.143228	.004373	.0001523
#3	.0026595	.1120723	-.000323	.0005582	-.438048	-.013180	-.000226

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2213615	.0025051	.0015417	.0001041	.0002185	-.000478	-.001628
Stddev	.1081808	.0017217	.0013473	.0001684	.0015987	.000328	.002115
%RSD	48.87064	68.72951	87.39464	161.6806	731.5791	68.53683	129.9647
#1	.3397621	.0043475	.0002852	.0002981	.0016170	-.000455	-.003578
#2	.1276785	.0009370	.0029644	-.000005	.0005630	-.000817	-.001926
#3	.1966438	.0022307	.0013754	.000019	-.001524	-.000163	.000621

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: ICB007 Acquired: 11/09/2024 16:56:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007171	.0046680	.0000876
Stddev	.0023866	.0030730	.0000481
%RSD	332.8314	65.83116	54.97922
#1	-.002038	.0021105	.0001029
#2	.002044	.0080770	.0000336
#3	.002145	.0038166	.0001262

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1139.026	28967.36	2871.501	1044.740	2199.412
Stddev	3.245	57.22	1.937	1.413	4.003
%RSD	.2848519	.1975388	.0674457	.1352019	.1820175
#1	1135.448	28906.16	2872.129	1043.325	2196.624
#2	1139.854	29019.53	2869.329	1046.150	2203.999
#3	1141.776	28976.40	2873.046	1044.746	2197.614

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: ICSA007 Acquired: 11/09/2024 17:01:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009209	-.021569	-.005904	-.016979	.0026811	245.6308
Stddev	.007133	.002375	.001953	.009990	.0016075	.5383
%RSD	77.45771	11.01122	33.07716	58.83491	59.95512	.2191486
#1	-.015365	-.018849	-.007837	-.005518	.0045279	245.9509
#2	-.001392	-.022630	-.005941	-.023840	.0019192	245.9321
#3	-.010871	-.023229	-.003932	-.021580	.0015963	245.0093

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073138	.0004302	-.000031	253.6299	.0543293	.0014012
Stddev	.0003582	.0001508	.000251	.5414	.0019201	.0003507
%RSD	4.897976	35.04271	802.7889	.2134582	3.534240	25.02541
#1	.0074485	.0004373	-.000207	253.5424	.0551829	.0017680
#2	.0069077	.0002760	.000257	254.2098	.0556745	.0010693
#3	.0075851	.0005773	-.000143	253.1376	.0521303	.0013664

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013508	106.4779	.0135309	253.1966	.0046187	.0029788
Stddev	.003997	.0743	.0005409	.4824	.0003032	.0008860
%RSD	29.58740	.0698189	3.997495	.1905153	6.563679	29.74413
#1	-.014363	106.4237	.0129824	252.6463	.0044368	.0037881
#2	-.009153	106.4474	.0135465	253.3975	.0049687	.0031161
#3	-.017008	106.5626	.0140639	253.5461	.0044507	.0020321

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.221809	.0032189	.0169017	-.145093	.0077179	F .0955465
Stddev	.240480	.0122245	.0003148	.085671	.0067562	.0011025
%RSD	108.4178	379.7727	1.862293	59.04563	87.53917	1.153929
#1	-.494030	.0169554	.0172376	-.172588	.0134732	.0946072
#2	-.133155	-.000835	.0168539	-.049050	.0094013	.0967604
#3	-.038241	-.006464	.0166136	-.213640	.0002792	.0952719

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: ICSA007 Acquired: 11/09/2024 17:01:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000995	.0055834	.0010555	-.003258	-.000814	.0053297
Stddev	.000447	.0063481	.0008726	.002608	.000333	.0010933
%RSD	44.92260	113.6953	82.67981	80.05023	40.84143	20.51369
#1	-.000489	.0007538	.0002716	-.003227	-.001096	.0044650
#2	-.001157	.0032229	.0008991	-.005883	-.000447	.0049656
#3	-.001337	.0127737	.0019957	-.000666	-.000900	.0065587

Elem	Sr4077
Units	ppm
Avg	F .1047879
Stddev	.0003337
%RSD	.3184202
#1	.1049894
#2	.1049716
#3	.1044028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1061.741	27509.11	2865.002	987.9056	1840.377
Stddev	1.895	109.52	11.004	2.3294	3.276
%RSD	.1784983	.3981273	.3840791	.2357894	.1780073
#1	1062.541	27392.40	2858.337	990.3616	1838.878
#2	1063.105	27525.26	2858.966	987.6275	1844.134
#3	1059.577	27609.65	2877.703	985.7278	1838.118

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: ICSAB007 Acquired: 11/09/2024 17:05:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1076413	.0860750	.0475132	.0367994	.5784320	246.3033
Stddev	.0154589	.0043504	.0058449	.0140214	.0035711	.1265
%RSD	14.36147	5.054203	12.30174	38.10225	.6173776	.0513590
#1	.1189951	.0860172	.0528267	.0420850	.5817182	246.4134
#2	.0900357	.0904540	.0412525	.0209035	.5746317	246.3315
#3	.1138932	.0817537	.0484603	.0474098	.5789461	246.1651

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5290174	.5318365	1.040451	255.7369	.6061298	.5182874
Stddev	.0013300	.0025988	.003134	.1380	.0005319	.0018107
%RSD	.2514146	.4886438	.3012433	.0539699	.0877528	.3493691
#1	.5304868	.5288394	1.038613	255.6096	.6057170	.5162425
#2	.5278958	.5334647	1.038671	255.8836	.6067301	.5189321
#3	.5286697	.5332053	1.044070	255.7175	.6059425	.5196875

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4925164	107.3633	.5442695	254.5977	1.037384	.1910537
Stddev	.0097662	.3193	.0026462	.1163	.003557	.0003549
%RSD	1.982925	.2974105	.4861851	.0456850	.3428455	.1857676
#1	.4812492	107.0168	.5454369	254.4669	1.034318	.1914147
#2	.4977421	107.4275	.5412404	254.6370	1.036551	.1910411
#3	.4985579	107.6457	.5461312	254.6893	1.041283	.1907052

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909255	.5365262	.9788435	-.429325	F .0164827	F .0958220
Stddev	.2822404	.0135568	.0052442	.077712	.0079992	.0014003
%RSD	310.4084	2.526778	.5357544	18.10086	48.53123	1.461313
#1	.0765299	.5397820	.9827611	-.491600	.0201044	.0970571
#2	-.183842	.5481586	.9808835	-.342237	.0073131	.0961080
#3	.380088	.5216379	.9728858	-.454139	.0220305	.0943008

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: ICSAB007 Acquired: 11/09/2024 17:05:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000992	.0041539	.0016163	-.002214	-.003176	.0040476
Stddev	.001029	.0231866	.0007455	.001991	.001266	.0020933
%RSD	103.7553	558.1825	46.12426	89.88935	39.86133	51.71818
#1	-.002075	.0259712	.0014907	-.001553	-.002942	.0043631
#2	-.000028	-.020194	.0024165	-.004451	-.004543	.0018144
#3	-.000872	.006685	.0009415	-.000639	-.002044	.0059652

Elem	Sr4077
Units	ppm
Avg	F .1048308
Stddev	.0001099
%RSD	.1048513
#1	.1049574
#2	.1047750
#3	.1047599

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1057.917	27549.26	2870.240	982.5717	1846.453
Stddev	1.095	53.51	12.337	4.5102	1.974
%RSD	.1034843	.1942289	.4298130	.4590227	.1068887
#1	1057.581	27528.86	2883.271	979.6274	1848.382
#2	1059.140	27508.95	2858.740	980.3236	1846.540
#3	1057.030	27609.97	2868.710	987.7641	1844.437

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCV045 Acquired: 11/09/2024 17:10:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.146598	4.858827	24.95178	4.829058	4.962554	408.3487	10.26042
Stddev	.011822	.009438	.06588	.003866	.005816	1.5947	.03734
%RSD	.2297118	.1942513	.2640453	.0800628	.1171889	.3905270	.3639006
#1	5.155169	4.849458	24.91272	4.824712	4.957905	410.1529	10.30240
#2	5.151515	4.868334	24.91476	4.832117	4.969075	407.7660	10.23092
#3	5.133111	4.858690	25.02784	4.830344	4.960681	407.1274	10.24794

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5056660	2.500605	410.9750	15.57202	2.525035	15.26081	419.1216
Stddev	.0029274	.003920	1.5326	.00332	.004301	.05407	1.3857
%RSD	.5789099	.1567514	.3729079	.0213054	.1703212	.3542891	.3306216
#1	.5085072	2.501900	412.7443	15.56830	2.522060	15.31669	420.7165
#2	.5058313	2.496202	410.1189	15.57306	2.523079	15.25697	418.2125
#3	.5026595	2.503714	410.0617	15.57469	2.529966	15.20876	418.4358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19767	418.5323	2.509125	1.261832	409.4612	2.516885	14.82269
Stddev	.05250	2.1568	.007102	.003191	2.3019	.015380	.10356
%RSD	.3454297	.5153142	.2830428	.2529251	.5621849	.6110619	.6986691
#1	15.25829	420.9181	2.507670	1.258420	412.1185	2.505871	14.93487
#2	15.16767	417.9578	2.502863	1.264743	408.1859	2.534456	14.80247
#3	15.16706	416.7209	2.516841	1.262333	408.0792	2.510326	14.73073

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.6408	5.024628	5.198430	4.890199	5.148828	5.090834	5.038214
Stddev	.4721	.013790	.028053	.012758	.012912	.025338	.012486
%RSD	.3033409	.2744522	.5396456	.2608805	.2507663	.4977207	.2478290
#1	156.1854	5.015410	5.217178	4.880046	5.163014	5.109405	5.036292
#2	155.3479	5.017993	5.211934	4.886031	5.137764	5.101129	5.026801
#3	155.3890	5.040482	5.166179	4.904519	5.145705	5.061969	5.051550

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCV045 Acquired: 11/09/2024 17:10:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.029288	5.156190	5.084889
Stddev	.025416	.024437	.015571
%RSD	.5053557	.4739420	.3062275
#1	5.057940	5.183348	5.101676
#2	5.009459	5.135976	5.082072
#3	5.020466	5.149245	5.070918

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	935.8614	26418.27	2784.384	843.9921	1664.006
Stddev	1.5635	34.13	13.775	5.2186	2.334
%RSD	.1670680	.1291987	.4947315	.6183190	.1402716
#1	937.3875	26439.79	2771.201	838.0240	1665.425
#2	935.9336	26436.12	2783.269	846.2555	1665.280
#3	934.2630	26378.92	2798.684	847.6968	1661.312

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCB045 Acquired: 11/09/2024 17:14:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026259	-.001360	-.000736	-.001498	.0006870	.0315129	.0005582
Stddev	.0019313	.005692	.000099	.005153	.0025036	.0134995	.0003713
%RSD	73.54757	418.4370	13.48965	344.0639	364.4074	42.83808	66.52260
#1	.0045370	.003472	-.000646	-.007226	-.000437	.0406281	.0002525
#2	.0026654	-.007634	-.000842	.002759	-.001057	.0160044	.0004506
#3	.0006751	.000082	-.000719	-.000026	.003556	.0379063	.0009714

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000076	.0001544	.0411890	.0011452	.0004811	.0028321	.0228624
Stddev	.000019	.0001149	.0205117	.0004255	.0000773	.0024997	.0173284
%RSD	25.43642	74.39140	49.79901	37.15053	16.06488	88.26174	75.79445
#1	-.000064	.0000309	.0242415	.0006746	.0005151	.0000910	.0058602
#2	-.000066	.0001742	.0353340	.0012586	.0005356	.0034199	.0222275
#3	-.000099	.0002581	.0639917	.0015026	.0003927	.0049856	.0404996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006574	.0628784	.0007818	.0007585	.0385006	-.000040	.0006285
Stddev	.0021610	.0997500	.0004432	.0003328	.1360997	.003556	.0001631
%RSD	328.7273	158.6396	56.68645	43.87611	353.5003	8800.948	25.95539
#1	.0009489	.1737904	.0004086	.0005005	-.089529	.004060	.0005715
#2	-.001635	-.019484	.0012717	.0006408	.181442	-.001891	.0008125
#3	.002658	.034329	.0006652	.0011341	.023589	-.002290	.0005015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1787595	.0048656	.0066480	.0004383	.0001263	.0005684	.0003939
Stddev	.1089088	.0018903	.0004895	.0004303	.0021724	.0006363	.0010488
%RSD	60.92478	38.84976	7.362518	98.16835	1720.270	111.9371	266.2482
#1	.1828313	.0027258	.0072109	.0005214	.0013121	-.000035	-.000711
#2	.2855753	.0063086	.0064103	.0008209	-.002381	.001233	.001375
#3	.0678719	.0055623	.0063228	-.000027	.001448	.000508	.000518

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCB045 Acquired: 11/09/2024 17:14:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004886	.0044276	.0000861
Stddev	.0015023	.0015562	.0000827
%RSD	307.4795	35.14772	96.08319
#1	.0022064	.0034526	.0001489
#2	-.000579	.0036079	.0001171
#3	-.000161	.0062223	-.000008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1132.244	28650.61	2886.211	1038.586	2191.029
Stddev	4.171	73.40	20.159	3.841	5.940
%RSD	.3684145	.2561731	.6984557	.3698764	.2711106
#1	1127.480	28593.06	2882.318	1034.263	2184.339
#2	1134.013	28733.27	2868.282	1039.887	2195.684
#3	1135.240	28625.52	2908.032	1041.609	2193.064

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164598BL Acquired: 11/09/2024 17:19:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS598 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045271	-.006277	-.001282	-.008267	-.000172	-.007327	.0003711
Stddev	.0034787	.000368	.002543	.004680	.001886	.001332	.0005690
%RSD	76.84305	5.861028	198.4256	56.61024	1095.309	18.17614	153.3172
#1	.0006864	-.006017	-.003751	-.003224	-.002349	-.007600	-.000053
#2	.0054281	-.006698	.001329	-.009106	.000898	-.008501	.001018
#3	.0074666	-.006115	-.001424	-.012470	.000935	-.005880	.000149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000191	.0000178	-.010340	.0007144	.0003796	.0009914	-.037576
Stddev	.000052	.0001557	.018171	.0005289	.0001693	.0037154	.028337
%RSD	27.01877	872.5835	175.7372	74.03574	44.60413	374.7651	75.41344
#1	-.000250	-.000016	-.021372	.0002214	.0004982	.0050782	-.019810
#2	-.000168	.000188	.010633	.0006486	.0004549	.0000787	-.070255
#3	-.000154	-.000118	-.020280	.0012730	.0001857	-.002183	-.022662

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010874	.1109719	-.000297	.0009364	-.181553	-.003308	.0002448
Stddev	.0028493	.0412364	.000605	.0002717	.247872	.014615	.0001838
%RSD	262.0340	37.15931	203.7363	29.01185	136.5289	441.7997	75.06140
#1	-.000322	.1353589	-.000305	.0006474	-.384561	-.018426	.0004428
#2	.004367	.0633610	.000312	.0009754	-.254781	-.002245	.0000796
#3	-.000782	.1341960	-.000899	.0011865	.094683	.010746	.0002121

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.045691	.0074930	.0017273	-.000098	-.001152	.0004609	.0023254
Stddev	.064995	.0009405	.0008114	.000595	.008719	.0001799	.0024034
%RSD	142.2501	12.55129	46.97447	608.1667	757.0541	39.04266	103.3536
#1	-.088077	.0068339	.0020253	.000575	.008373	.0006562	.0016999
#2	-.078134	.0085700	.0008090	-.000553	-.003087	.0004247	.0049797
#3	.029139	.0070751	.0023475	-.000315	-.008741	.0003018	.0002966

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164598BL Acquired: 11/09/2024 17:19:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS598 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0024450	.0049050	.0000363
Stddev	.0010222	.0036561	.0000768
%RSD	41.81031	74.53743	211.6614
#1	.0036151	.0052186	.0001246
#2	.0019944	.0083942	-.000014
#3	.0017254	.0011023	-.000002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1137.034	28905.29	2875.230	1046.876	2204.201
Stddev	2.453	57.42	9.850	4.639	3.592
%RSD	.2156985	.1986639	.3425871	.4431071	.1629777
#1	1134.589	28881.23	2864.025	1051.604	2200.070
#2	1137.019	28863.81	2879.139	1046.691	2205.936
#3	1139.494	28970.83	2882.525	1042.332	2206.596

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164598BS Acquired: 11/09/2024 17:23:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS598 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233021	.0498440	.0183195	.0657213	.1125633	.4068404
Stddev	.0025916	.0059811	.0030829	.0047761	.0020143	.0083208
%RSD	11.12158	11.99956	16.82851	7.267162	1.789465	2.045212
#1	.0214550	.0465752	.0172924	.0604971	.1105496	.4140387
#2	.0221867	.0462096	.0158812	.0668030	.1125622	.3977301
#3	.0262647	.0567471	.0217848	.0698636	.1145782	.4087523

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4147085	.0107076	.0105662	10.69272	.0223705	.0998552
Stddev	.0001243	.0001883	.0001641	.02071	.0012509	.0002417
%RSD	.0299770	1.758537	1.552900	.1937028	5.591501	.2420776
#1	.4145695	.0104996	.0106516	10.66925	.0224783	.0997934
#2	.4147470	.0108664	.0103770	10.70049	.0210693	.0996504
#3	.4148090	.0107569	.0106699	10.70842	.0235640	.1001219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0506961	.1891101	.0330441	10.46201	.0833129	.0222012
Stddev	.0028133	.0106981	.0016118	.06039	.0006658	.0004576
%RSD	5.549265	5.657096	4.877819	.5772136	.7992037	2.061012
#1	.0536140	.1778596	.0330876	10.44771	.0826900	.0216831
#2	.0504736	.1903174	.0314110	10.52826	.0832340	.0223705
#3	.0480007	.1991535	.0346337	10.41005	.0840147	.0225500

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.35377	.1107749	.1175157	9.791654	.0226567	F .0023348
Stddev	.21548	.0111681	.0007828	.014447	.0023822	.0017261
%RSD	2.081208	10.08176	.6660843	.1475401	10.51414	73.92748
#1	10.13910	.0984540	.1168665	9.802305	.0220811	.0003652
#2	10.35216	.1202327	.1183849	9.775210	.0206151	.0030553
#3	10.57006	.1136379	.1172956	9.797448	.0252740	.0035840

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164598BS Acquired: 11/09/2024 17:23:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS598 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0194711	.1803006	F .4554484	.0139421	.2056740	.0329395
Stddev	.0006609	.0075501	.0019880	.0039386	.0007053	.0020557
%RSD	3.394369	4.187525	.4365034	28.24983	.3429365	6.240895
#1	.0200852	.1729993	.4541522	.0143681	.2064882	.0314193
#2	.0187717	.1798253	.4544557	.0176505	.2052493	.0321208
#3	.0195565	.1880771	.4577373	.0098078	.2052844	.0352785

Elem	Sr4077
Units	ppm
Avg	.2083096
Stddev	.0003976
%RSD	.1908550
#1	.2078611
#2	.2084489
#3	.2086187

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1128.558	28839.21	2889.906	1037.359	2139.967
Stddev	1.638	50.26	5.885	4.524	4.529
%RSD	.1451164	.1742794	.2036393	.4361454	.2116247
#1	1128.688	28897.17	2883.557	1041.342	2143.654
#2	1130.127	28812.78	2895.179	1032.440	2141.334
#3	1126.859	28807.69	2890.982	1038.296	2134.912

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164600BL Acquired: 11/09/2024 17:28:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS600 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034350	-.002450	-.002412	.0037968	.0010007	.0063554	-.000124
Stddev	.0032778	.000837	.000868	.0045842	.0025131	.0101944	.000796
%RSD	95.42345	34.15470	35.99077	120.7379	251.1426	160.4057	643.3398
#1	.0036925	-.002078	-.002756	.0067269	.0008038	.0129438	-.000228
#2	.0065766	-.001864	-.003055	.0061496	.0036064	-.005387	-.000862
#3	.0000361	-.003409	-.001425	-.001486	-.001408	.011509	.000719

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000072	-.000034	-.003487	.0017404	.0003691	.0042549	-.035709
Stddev	.000099	.000167	.012557	.0001408	.0003757	.0025934	.010698
%RSD	137.8377	491.5791	360.0733	8.092213	101.7995	60.95207	29.96028
#1	-.000166	-.000153	.007375	.0018503	-.000064	.0017371	-.026487
#2	-.000079	.000156	-.000601	.0015816	.000601	.0069179	-.033200
#3	.000031	-.000105	-.017236	.0017893	.000570	.0041096	-.047438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015179	.0097041	-.000454	.0006484	.0209845	.0033052	.0001486
Stddev	.0004572	.1073443	.000505	.0002750	.0705367	.0071181	.0003904
%RSD	30.12069	1106.175	111.1347	42.41633	336.1371	215.3606	262.6935
#1	.0016981	.0929094	.000128	.0007614	.0910755	-.001067	.0004049
#2	.0018575	-.111463	-.000727	.0003349	-.049990	.011519	.0003417
#3	.0009980	.047666	-.000763	.0008489	.021868	-.000536	-.000301

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0267429	.0062947	.0009669	-.000072	.0046470	-.000300	.0008513
Stddev	.1968824	.0018847	.0005247	.000165	.0134385	.000200	.0014036
%RSD	736.2055	29.94132	54.26220	228.5954	289.1868	66.70581	164.8717
#1	.1671119	.0045395	.0014689	-.000246	.0011561	-.000069	.0001036
#2	.1114295	.0060580	.0004222	.000082	.0194865	-.000418	-.000020
#3	-.198313	.0082866	.0010097	-.000052	-.006702	-.000414	.002471

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164600BL Acquired: 11/09/2024 17:28:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS600 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011373	.0018396	-.000006
Stddev	.0007081	.0022524	.000228
%RSD	62.26702	122.4397	3989.714
#1	.0011656	.0018977	.000252
#2	.0004154	-.000441	-.000090
#3	.0018308	.004062	-.000179

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1126.042	28823.56	2871.392	1044.591	2183.399
Stddev	.898	53.95	5.746	1.456	4.154
%RSD	.0797325	.1871847	.2000979	.1393379	.1902534
#1	1125.025	28799.97	2872.704	1045.950	2182.082
#2	1126.378	28785.41	2865.104	1043.055	2180.063
#3	1126.724	28885.29	2876.368	1044.766	2188.052

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164600BS Acquired: 11/09/2024 17:32:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS600 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170645	.0456908	.0174362	.0757896	.1138239	.3976863
Stddev	.0110874	.0059970	.0012959	.0062688	.0026974	.0114546
%RSD	64.97338	13.12527	7.431985	8.271298	2.369814	2.880308
#1	.0220504	.0491227	.0185457	.0692078	.1112548	.4091144
#2	.0247836	.0491834	.0160120	.0764715	.1166335	.3862054
#3	.0043595	.0387661	.0177509	.0816897	.1135835	.3977390

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4206567	.0108982	.0104444	10.81407	.0223724	.0999228
Stddev	.0012735	.0000670	.0001015	.04803	.0005489	.0002967
%RSD	.3027428	.6151011	.9716868	.4440998	2.453474	.2969372
#1	.4192783	.0109311	.0103592	10.75911	.0229664	.0998597
#2	.4209021	.0109424	.0105567	10.84796	.0218840	.0996627
#3	.4217896	.0108211	.0104174	10.83513	.0222667	.1002460

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547903	.2017378	.0324952	10.61175	.0835252	.0224060
Stddev	.0075744	.0068541	.0000372	.03266	.0007185	.0005294
%RSD	13.82430	3.397521	.1146288	.3077886	.8602274	2.362636
#1	.0558397	.2079162	.0324914	10.64864	.0839928	.0223765
#2	.0467460	.1943650	.0325341	10.60012	.0838850	.0229495
#3	.0617853	.2029320	.0324599	10.58649	.0826979	.0218920

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12227	.1138547	.1168499	9.780436	.0236556	F .0020952
Stddev	.17546	.0085351	.0017643	.091775	.0013345	.0020061
%RSD	1.733417	7.496516	1.509908	.9383493	5.641492	95.74445
#1	9.92165	.1043332	.1153880	9.758869	.0233967	-.000085
#2	10.24708	.1208186	.1163520	9.881073	.0251006	.003864
#3	10.19809	.1164123	.1188096	9.701365	.0224695	.002507

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164600BS Acquired: 11/09/2024 17:32:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS600 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0197950	.1777135	F .4562991	.0144830	.2086157	.0317966
Stddev	.0002392	.0014571	.0014796	.0009648	.0020654	.0020583
%RSD	1.208635	.8199197	.3242606	6.661451	.9900492	6.473237
#1	.0195323	.1793165	.4551504	.0155359	.2074407	.0341665
#2	.0198522	.1773547	.4579687	.0142715	.2110005	.0304557
#3	.0200004	.1764694	.4557783	.0136415	.2074058	.0307677

Elem	Sr4077
Units	ppm
Avg	.2098629
Stddev	.0006136
%RSD	.2923821
#1	.2100320
#2	.2103741
#3	.2091824

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1125.450	28801.93	2901.823	1043.490	2141.897
Stddev	1.395	60.24	11.189	1.688	4.172
%RSD	.1239333	.2091625	.3855701	.1617242	.1947895
#1	1124.362	28790.92	2912.107	1044.491	2137.418
#2	1127.023	28747.96	2889.909	1044.438	2145.674
#3	1124.967	28866.92	2903.454	1041.542	2142.598

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164623BL Acquired: 11/09/2024 17:37:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS623 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059780	-.002278	-.000295	-.001850	.0010163	.0083027	-.000015
Stddev	.0025454	.003035	.000834	.004948	.0036468	.0058106	.000250
%RSD	42.57952	133.2204	283.2254	267.4525	358.8200	69.98441	1713.507
#1	.0089172	-.001459	-.000710	-.005865	.0045818	.0121876	-.000246
#2	.0045062	-.005638	-.000840	.003678	.0011737	.0110978	-.000048
#3	.0045107	.000263	.000666	-.003363	-.002707	.0016228	.000251

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000124	-.000067	-.000524	.0013849	.0003543	.0012613	-.035640
Stddev	.000134	.000123	.014510	.0003325	.0004263	.0056149	.008628
%RSD	108.0863	182.6642	2767.016	24.00930	120.3002	445.1858	24.20917
#1	-.000107	-.000011	-.007236	.0016609	.0006976	.0066788	-.032143
#2	-.000266	-.000209	.016126	.0010158	.0004883	-.004532	-.045468
#3	.000001	.000018	-.010463	.0014780	-.000123	.001637	-.029310

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028520	.0101788	.0004413	.0009646	-.314553	-.004643	.0002371
Stddev	.0006768	.0158187	.0005529	.0006094	.351644	.002688	.0002660
%RSD	23.73084	155.4086	125.2940	63.17989	111.7917	57.89254	112.1903
#1	.0034864	-.004713	-.000197	.0013721	.053192	-.002321	.0003232
#2	.0021396	.026785	.000744	.0012577	-.349342	-.007588	-.000061
#3	.0029301	.008464	.000777	.0002640	-.647511	-.004022	.000449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002197	.0006022	-.000036	.0002045	.0020375	-.000386	-.001565
Stddev	.151239	.0034262	.000190	.0004294	.0062520	.000623	.003496
%RSD	6883.538	568.9665	532.5264	209.9368	306.8512	161.7160	223.3877
#1	.135990	.0011939	-.000255	.0005018	.0032389	-.000738	.001071
#2	-.163765	-.003081	.000075	.0003996	.0076016	-.000753	-.000236
#3	.021184	.003694	.000072	-.000288	-.004728	.000334	-.005530

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164623BL Acquired: 11/09/2024 17:37:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS623 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017845	-.000202	-.000024
Stddev	.0012193	.002530	.000088
%RSD	68.32666	1249.399	368.3555
#1	.0004001	.002662	.000007
#2	.0026985	-.001136	-.000124
#3	.0022549	-.002133	.000045

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1130.567	28751.74	2885.652	1042.717	2195.718
Stddev	3.304	138.10	2.615	7.509	1.464
%RSD	.2922426	.4803057	.0906356	.7201520	.0666684
#1	1127.179	28685.54	2888.621	1041.617	2195.374
#2	1133.780	28659.22	2883.689	1035.818	2197.324
#3	1130.742	28910.48	2884.646	1050.715	2194.457

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164623BS Acquired: 11/09/2024 17:41:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS623 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190169	.0449624	.0209464	.0665080	.1120496	.3839280
Stddev	.0104204	.0011374	.0009896	.0064546	.0004793	.0082566
%RSD	54.79521	2.529700	4.724199	9.704944	.4277431	2.150563
#1	.0104300	.0450336	.0219226	.0592062	.1124613	.3920051
#2	.0160110	.0437911	.0209727	.0714529	.1121641	.3842760
#3	.0306099	.0460626	.0199440	.0688650	.1115234	.3755029

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4121510	.0107511	.0103133	10.68810	.0222526	.0985591
Stddev	.0008400	.0001014	.0001263	.05845	.0013876	.0007154
%RSD	.2038198	.9427460	1.224116	.5468883	6.235535	.7259047
#1	.4114806	.0107791	.0104467	10.65001	.0232855	.0982375
#2	.4118790	.0106386	.0101957	10.65890	.0206754	.0980609
#3	.4130933	.0108355	.0102974	10.75540	.0227969	.0993789

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0477218	.1518463	.0330737	10.61987	.0828169	.0222063
Stddev	.0123894	.0104093	.0015682	.16821	.0003249	.0002187
%RSD	25.96175	6.855135	4.741423	1.583885	.3923313	.9847171
#1	.0532992	.1609584	.0345067	10.72047	.0826124	.0221552
#2	.0335240	.1540785	.0313985	10.42569	.0826468	.0224459
#3	.0563421	.1405020	.0333158	10.71347	.0831916	.0220176

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.822284	.1126361	.1162659	9.799402	.0199820	F .0014922
Stddev	.180736	.0044263	.0005353	.066686	.0012323	.0012370
%RSD	1.840057	3.929695	.4604321	.6805079	6.167120	82.90154
#1	9.667333	.1105162	.1156579	9.722468	.0189375	.0010592
#2	9.778690	.1096685	.1164730	9.835083	.0196674	.0005298
#3	10.02083	.1177236	.1166667	9.840657	.0213411	.0028875

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164623BS Acquired: 11/09/2024 17:41:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS623 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0198976	.1827731	F .4531631	.0141124	.2044914	.0292515
Stddev	.0006031	.0031441	.0031926	.0021058	.0012824	.0029490
%RSD	3.031202	1.720232	.7045234	14.92173	.6271113	10.08148
#1	.0192178	.1851329	.4532599	.0158005	.2047027	.0258562
#2	.0203687	.1792038	.4499232	.0117527	.2056550	.0307237
#3	.0201061	.1839825	.4563063	.0147841	.2031165	.0311745

Elem	Sr4077
Units	ppm
Avg	.2077747
Stddev	.0002023
%RSD	.0973388
#1	.2079792
#2	.2077701
#3	.2075748

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1135.043	28922.17	2883.914	1045.245	2154.283
Stddev	2.624	20.92	14.315	.281	3.640
%RSD	.2311430	.0723491	.4963587	.0269210	.1689769
#1	1135.569	28931.69	2880.289	1045.441	2151.240
#2	1137.363	28898.18	2899.693	1045.371	2158.316
#3	1132.196	28936.64	2871.761	1044.922	2153.293

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164633BL Acquired: 11/09/2024 17:55:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS633 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000350	-.005136	-.000356	-.004821	.0010559	.0085059	.0007334
Stddev	.007703	.002576	.002742	.001353	.0026212	.0147475	.0006001
%RSD	2199.900	50.15235	769.6209	28.06436	248.2349	173.3797	81.82582
#1	.008533	-.005229	.002710	-.006206	.0025228	.0205687	.0000406
#2	-.005183	-.007665	-.002573	-.003503	-.001970	.0128839	.0010943
#3	-.004400	-.002515	-.001205	-.004755	.002615	-.007935	.0010651

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000089	-.000019	-.000138	-.000393	.0003020	.0062267	-.021044
Stddev	.000089	.000139	.011382	.000780	.0006716	.0020888	.007648
%RSD	99.34908	745.2000	8274.388	198.6854	222.4133	33.54528	36.34296
#1	-.000170	-.000095	.001475	.000280	-.000411	.0040935	-.021717
#2	.000006	.000142	.010352	-.001248	.000922	.0082681	-.013081
#3	-.000103	-.000103	-.012239	-.000211	.000395	.0063186	-.028332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013874	.0551209	-.000221	.0013361	-.648085	.0089187	-.000129
Stddev	.0010900	.0176151	.000396	.0004910	.083973	.0027566	.000289
%RSD	78.56140	31.95717	179.2236	36.74733	12.95708	30.90838	223.3448
#1	.0002115	.0723739	-.000251	.0019024	-.738846	.0101451	.000139
#2	.0015869	.0558242	.000189	.0010750	-.632257	.0108494	-.000434
#3	.0023639	.0371647	-.000601	.0010308	-.573153	.0057617	-.000093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.085863	.0056081	-.000986	.0004202	.0097807	.0001176	.0024072
Stddev	.133840	.0021729	.001869	.0002160	.0028484	.0005030	.0013977
%RSD	155.8767	38.74501	189.5468	51.40282	29.12259	427.7500	58.06589
#1	.042883	.0045001	-.002648	.0005051	.0071276	.0006169	.0034882
#2	-.076199	.0042126	-.001348	.0005809	.0094238	-.000389	.0029046
#3	-.224274	.0081116	.001038	.0001747	.0127908	.000125	.0008288

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164633BL Acquired: 11/09/2024 17:55:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS633 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0033718	-.000886	.0000149
Stddev	.0025113	.001061	.0000724
%RSD	74.47903	119.7566	487.0954
#1	.0049436	-.001598	.0000962
#2	.0046962	.000334	-.000043
#3	.0004755	-.001394	-.000009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1130.307	28889.78	2872.843	1050.985	2202.235
Stddev	1.678	51.21	21.528	3.127	1.989
%RSD	.1484692	.1772644	.7493743	.2975329	.0903047
#1	1129.231	28838.72	2873.796	1053.354	2200.916
#2	1129.449	28941.14	2850.854	1052.160	2201.267
#3	1132.241	28889.49	2893.879	1047.441	2204.523

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164633BS Acquired: 11/09/2024 18:00:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS633 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240849	.0484796	.0184470	.0605785	.1184433	.4037005
Stddev	.0060385	.0008574	.0028204	.0073931	.0005054	.0085199
%RSD	25.07172	1.768553	15.28944	12.20413	.4267218	2.110454
#1	.0299345	.0488377	.0183633	.0666999	.1189637	.3990068
#2	.0244463	.0490999	.0213083	.0523647	.1179544	.3985598
#3	.0178738	.0475012	.0156693	.0626709	.1184119	.4135351

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4315901	.0109751	.0107149	11.12878	.0235689	.1025842
Stddev	.0007636	.0000955	.0000959	.07096	.0001267	.0003215
%RSD	.1769202	.8704368	.8953769	.6375958	.5376336	.3133955
#1	.4308001	.0108650	.0107792	11.10463	.0236065	.1022946
#2	.4316460	.0110245	.0107608	11.07304	.0236726	.1025280
#3	.4323242	.0110358	.0106046	11.20866	.0234277	.1029301

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519519	.2077579	.0351715	10.91798	.0852934	.0234011
Stddev	.0059784	.0524893	.0015164	.07169	.0003099	.0003027
%RSD	11.50766	25.26463	4.311428	.6566138	.3632995	1.293341
#1	.0543272	.1716039	.0350139	10.91252	.0855375	.0233113
#2	.0563776	.2679631	.0337400	10.84918	.0853981	.0237385
#3	.0451508	.1837066	.0367605	10.99225	.0849448	.0231535

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.990906	.1220135	.1206177	10.12003	.0216507	F -.000068
Stddev	.302855	.0064629	.0005988	.06709	.0029201	.001502
%RSD	3.031302	5.296855	.4964421	.6629082	13.48732	2198.941
#1	10.26176	.1179319	.1207697	10.16156	.0183289	-.000893
#2	9.66391	.1186437	.1199575	10.04264	.0228101	.001665
#3	10.04705	.1294649	.1211258	10.15589	.0238130	-.000977

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164633BS Acquired: 11/09/2024 18:00:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS633 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0205732	.1847107	F .4676009	.0131882	.2120021	.0289729
Stddev	.0004845	.0054423	.0036366	.0024929	.0022221	.0001068
%RSD	2.355145	2.946383	.7777204	18.90237	1.048162	.3684676
#1	.0210899	.1784476	.4659954	.0159143	.2143543	.0289847
#2	.0205006	.1873961	.4650434	.0110247	.2099382	.0288608
#3	.0201290	.1882883	.4717640	.0126255	.2117138	.0290734

Elem	Sr4077
Units	ppm
Avg	.2155813
Stddev	.0004894
%RSD	.2270158
#1	.2156034
#2	.2150813
#3	.2160593

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1126.087	28802.79	2901.547	1044.635	2148.666
Stddev	2.262	70.29	8.364	3.382	1.727
%RSD	.2008625	.2440309	.2882665	.3237320	.0803750
#1	1123.577	28722.42	2902.731	1041.483	2150.530
#2	1127.967	28833.19	2909.256	1048.208	2148.347
#3	1126.718	28852.77	2892.654	1044.213	2147.120

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164598BSD Acquired: 11/09/2024 18:04:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD598 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141666	.0204278	.0077296	.0342299	.0572003	.2263533	.2073741
Stddev	.0060268	.0036268	.0017402	.0066009	.0009541	.0089865	.0020354
%RSD	42.54243	17.75434	22.51349	19.28415	1.668065	3.970112	.9815371
#1	.0097633	.0167032	.0057585	.0408928	.0572237	.2365783	.2085466
#2	.0117013	.0206321	.0090533	.0341041	.0562347	.2197101	.2050238
#3	.0210352	.0239482	.0083769	.0276927	.0581426	.2227713	.2085520

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052931	.0050339	5.408622	.0107916	.0491631	.0291149	.0929508
Stddev	.0000892	.0000367	.029392	.0014634	.0005280	.0038113	.0500113
%RSD	1.685172	.7280702	.5434292	13.56074	1.074014	13.09053	53.80400
#1	.0053697	.0050499	5.406864	.0124797	.0489018	.0291773	.1443649
#2	.0053144	.0049920	5.380149	.0100147	.0488167	.0252728	.0444716
#3	.0051951	.0050598	5.438854	.0098805	.0497709	.0328946	.0900160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162946	5.207630	.0418457	.0115310	5.042356	.0609555	.0589518
Stddev	.0001887	.175758	.0007273	.0005586	.402409	.0072649	.0003632
%RSD	1.157819	3.375011	1.738181	4.844476	7.980578	11.91842	.6161467
#1	.0162021	5.398048	.0425473	.0113099	5.469019	.0535345	.0586363
#2	.0165116	5.051621	.0418946	.0111168	4.988407	.0680536	.0588702
#3	.0161700	5.173220	.0410951	.0121663	4.669643	.0612782	.0593489

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.038769	.0122553	.0003852	.0096490	.0860818	.2289359	.0060928
Stddev	.056697	.0011499	.0005204	.0001726	.0013712	.0004618	.0015249
%RSD	1.125219	9.382916	135.1159	1.789102	1.592926	.2017204	25.02793
#1	5.017894	.0110288	-.000022	.0097763	.0867766	.2289679	.0075791
#2	5.102944	.0133091	.000206	.0097182	.0845023	.2284590	.0061671
#3	4.995469	.0124278	.000971	.0094525	.0869666	.2293810	.0045321

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164598BSD Acquired: 11/09/2024 18:04:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD598 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1048331	.0149428	.1047882
Stddev	.0009421	.0010102	.0003152
%RSD	.8986942	6.760346	.3008421
#1	.1039326	.0156302	.1051338
#2	.1047546	.0137829	.1047143
#3	.1058120	.0154152	.1045164

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1135.835	28962.73	2893.637	1050.274	2181.347
Stddev	.681	35.42	5.646	2.885	4.392
%RSD	.0599784	.1222856	.1951037	.2746475	.2013243
#1	1136.381	28967.73	2887.650	1048.341	2185.462
#2	1135.072	28995.39	2898.864	1048.890	2176.723
#3	1136.051	28925.08	2894.396	1053.589	2181.856

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164600BSD Acquired: 11/09/2024 18:09:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD600 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104046	.0245267	.0094116	.0334350	.0565145	.1961843	.2068524
Stddev	.0037021	.0013393	.0009373	.0032354	.0022744	.0080841	.0006131
%RSD	35.58103	5.460685	9.958807	9.676740	4.024402	4.120644	.2963747
#1	.0072283	.0233002	.0088791	.0371466	.0539053	.1909175	.2074911
#2	.0144704	.0259558	.0088619	.0312106	.0580779	.1921433	.2062687
#3	.0095152	.0243240	.0104939	.0319479	.0575603	.2054921	.2067975

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054302	.0051921	5.352404	.0117741	.0499122	.0233995	.0922533
Stddev	.0000755	.0000680	.023889	.0002358	.0001637	.0049934	.0323378
%RSD	1.390916	1.309195	.4463228	2.002834	.3280001	21.33958	35.05329
#1	.0055085	.0052381	5.338774	.0118061	.0497616	.0251938	.1239901
#2	.0053578	.0052242	5.338450	.0115239	.0500864	.0177570	.0593463
#3	.0054244	.0051140	5.379988	.0119923	.0498884	.0272478	.0934235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158037	5.216176	.0412649	.0112345	4.537848	.0573239	.0588253
Stddev	.0013310	.149716	.0007783	.0002035	.426617	.0048571	.0008178
%RSD	8.422188	2.870234	1.886120	1.811649	9.401317	8.473023	1.390231
#1	.0144022	5.319349	.0403870	.0114693	4.347261	.0597684	.0590189
#2	.0170507	5.044458	.0418702	.0111069	5.026537	.0517302	.0595289
#3	.0159581	5.284720	.0415376	.0111275	4.239746	.0604730	.0579280

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.744210	.0110956	-.000497	.0097699	.0925516	.2294413	.0068144
Stddev	.110481	.0013950	.001238	.0001981	.0072321	.0009436	.0003222
%RSD	2.328755	12.57258	249.1399	2.027385	7.814144	.4112423	4.728540
#1	4.845465	.0115511	-.001926	.0095412	.0920947	.2286339	.0066966
#2	4.760787	.0095298	.000252	.0098882	.1000014	.2292115	.0071789
#3	4.626377	.0122059	.000183	.0098802	.0855588	.2304785	.0065676

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164600BSD Acquired: 11/09/2024 18:09:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD600 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1038076	.0140722	.1037615
Stddev	.0024584	.0003926	.0002248
%RSD	2.368255	2.790249	.2166620
#1	.1011584	.0136572	.1036253
#2	.1060155	.0141214	.1040210
#3	.1042489	.0144379	.1036382

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1133.845	29092.04	2876.955	1050.732	2175.652
Stddev	.932	53.66	3.284	4.409	2.298
%RSD	.0822123	.1844449	.1141336	.4195834	.1056236
#1	1133.449	29043.24	2877.550	1045.818	2174.557
#2	1134.910	29149.51	2873.414	1052.040	2178.293
#3	1133.177	29083.37	2879.900	1054.339	2174.107

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164623BSD Acquired: 11/09/2024 18:13:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD623 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059990	.0239485	.0118142	.0321129	.0580905	.1867590	.2107059
Stddev	.0090546	.0019857	.0031972	.0129733	.0023392	.0034247	.0002830
%RSD	150.9354	8.291631	27.06211	40.39904	4.026870	1.833749	.1342910
#1	.0128541	.0249804	.0115459	.0273933	.0579777	.1902830	.2109901
#2	.0094081	.0252058	.0087597	.0221601	.0604840	.1865508	.2107036
#3	-.004265	.0216593	.0151371	.0467854	.0558096	.1834431	.2104242

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054445	.0052297	5.477463	.0116950	.0506984	.0249921	.0691951
Stddev	.0001816	.0000479	.022546	.0006769	.0001379	.0031077	.0220268
%RSD	3.335574	.9156811	.4116143	5.787986	.2720096	12.43484	31.83292
#1	.0054400	.0051994	5.451896	.0109328	.0506299	.0282111	.0474949
#2	.0056283	.0052048	5.494495	.0119264	.0508571	.0247560	.0915346
#3	.0052652	.0052849	5.485998	.0122259	.0506081	.0220091	.0685556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160143	5.416771	.0428128	.0113961	4.956066	.0556198	.0598489
Stddev	.0016456	.241016	.0006782	.0003874	.121088	.0029401	.0006808
%RSD	10.27557	4.449433	1.584030	3.399267	2.443229	5.286028	1.137595
#1	.0148082	5.283795	.0421574	.0109701	4.833428	.0555675	.0595513
#2	.0178889	5.271537	.0435116	.0114909	4.959228	.0585857	.0606279
#3	.0153457	5.694982	.0427695	.0117273	5.075542	.0527062	.0593676

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.885213	.0157941	-.000631	.0102651	.0851951	.2341238	.0055274
Stddev	.081285	.0026674	.000986	.0003084	.0107819	.0005311	.0017621
%RSD	1.663905	16.88846	156.3053	3.004324	12.65554	.2268274	31.87922
#1	4.899963	.0138463	-.000503	.0104736	.0727827	.2346094	.0071269
#2	4.958113	.0188343	.000285	.0099109	.0905661	.2335567	.0036386
#3	4.797562	.0147018	-.001675	.0104110	.0922367	.2342052	.0058167

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164623BSD Acquired: 11/09/2024 18:13:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD623 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1047612	.0151173	.1061313
Stddev	.0019772	.0011497	.0002538
%RSD	1.887386	7.604952	.2391173
#1	.1054035	.0162330	.1062259
#2	.1063374	.0139364	.1058438
#3	.1025426	.0151825	.1063241

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1132.736	29025.82	2893.000	1052.807	2170.687
Stddev	3.069	29.44	10.220	7.697	6.917
%RSD	.2709453	.1014276	.3532538	.7310833	.3186774
#1	1129.447	29055.62	2890.793	1061.442	2163.465
#2	1135.523	29025.11	2904.143	1046.666	2177.253
#3	1133.238	28996.75	2884.064	1050.314	2171.344

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164633BSD Acquired: 11/09/2024 18:22:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD633 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144399	.0247395	.0094008	.0347010	.0583135	.2054965	.2140800
Stddev	.0098042	.0045699	.0032130	.0009017	.0018761	.0147631	.0009203
%RSD	67.89686	18.47227	34.17812	2.598521	3.217266	7.184101	.4299059
#1	.0243863	.0196670	.0130398	.0343231	.0602297	.2145907	.2150666
#2	.0047843	.0285355	.0069554	.0357302	.0564803	.1884626	.2132447
#3	.0141490	.0260160	.0082073	.0340497	.0582304	.2134361	.2139287

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054239	.0052057	5.544889	.0118510	.0502417	.0269229	.0660922
Stddev	.0001065	.0000200	.045130	.0006276	.0008936	.0027750	.0386182
%RSD	1.964136	.3847845	.8139049	5.295305	1.778555	10.30716	58.43079
#1	.0055164	.0052060	5.573401	.0111880	.0493232	.0268081	.0275822
#2	.0054478	.0052255	5.492857	.0124357	.0511080	.0242072	.0658767
#3	.0053074	.0051855	5.568409	.0119293	.0502940	.0297536	.1048177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177559	5.463503	.0425830	.0110805	4.862410	.0497808	.0627713
Stddev	.0022036	.072203	.0002022	.0002067	.209972	.0023076	.0014620
%RSD	12.41054	1.321560	.4749039	1.865193	4.318272	4.635438	2.329017
#1	.0178536	5.479156	.0428016	.0108461	4.854124	.0496730	.0623995
#2	.0155051	5.384757	.0424026	.0112367	4.656703	.0521404	.0643832
#3	.0199091	5.526596	.0425450	.0111586	5.076402	.0475290	.0615311

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.925840	.0084050	-.000849	.0097122	.0857190	.2324209	.0067300
Stddev	.029353	.0018819	.000465	.0005826	.0044199	.0012915	.0012318
%RSD	.5959046	22.39079	54.73682	5.998453	5.156291	.5556883	18.30312
#1	4.896909	.0070583	-.000991	.0097840	.0814015	.2336370	.0071464
#2	4.955598	.0076013	-.001227	.0102556	.0902347	.2310653	.0053440
#3	4.925014	.0105553	-.000330	.0090971	.0855209	.2325605	.0076997

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164633BSD Acquired: 11/09/2024 18:22:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD633 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1053619	.0139904	.1061462
Stddev	.0004740	.0032500	.0003279
%RSD	.4498440	23.22978	.3088755
#1	.1057011	.0119579	.1063290
#2	.1055643	.0122747	.1057677
#3	.1048204	.0177387	.1063419

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1132.337	29082.64	2901.287	1052.877	2181.401
Stddev	1.048	55.92	9.619	1.494	1.095
%RSD	.0925652	.1922769	.3315410	.1419321	.0501779
#1	1132.371	29035.39	2891.139	1053.030	2180.696
#2	1133.367	29068.14	2910.271	1051.312	2180.846
#3	1131.272	29144.38	2902.450	1054.289	2182.662

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-01DLX2 Acquired: 11/09/2024 18:27:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2874483	-.043310	.3258095	-.053780	.0102866	96.75040	1.419056
Stddev	.0115337	.003621	.0009825	.007511	.0053658	.12933	.000940
%RSD	4.012436	8.360809	.3015660	13.96618	52.16298	.1336780	.0662091
#1	.2896571	-.040539	.3259984	-.060894	.0041519	96.63929	1.419663
#2	.2977178	-.041984	.3247463	-.045926	.0126020	96.71952	1.419531
#3	.2749699	-.047407	.3266839	-.054521	.0141060	96.89237	1.417974

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045953	.0077766	21.74788	.2310801	.1440275	.8150810	273.0243
Stddev	.0001110	.0003350	.01785	.0013393	.0011100	.0044997	.2443
%RSD	2.414375	4.308473	.0820894	.5795846	.7706707	.5520578	.0894918
#1	.0045057	.0078161	21.73485	.2324982	.1447039	.8129365	272.9466
#2	.0047194	.0080901	21.76823	.2298368	.1446320	.8120546	273.2980
#3	.0045609	.0074235	21.74057	.2309053	.1427465	.8202518	272.8282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.810495	53.39024	.3064195	-.020429	1.092028	.5452583	.8686135
Stddev	.008239	.21088	.0002197	.000501	.244410	.0036381	.0015462
%RSD	.1417903	.3949769	.0717056	2.453581	22.38128	.6672177	.1780101
#1	5.812104	53.21552	.3063991	-.021007	1.144625	.5425277	.8703893
#2	5.801571	53.33072	.3066487	-.020144	1.305856	.5493883	.8678860
#3	5.817811	53.62449	.3062107	-.020134	.825601	.5438588	.8675652

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.39818	5.758099	.2553921	-.000652	1.018044	5.855076	.0098828
Stddev	.04045	.012694	.0012447	.000799	.008233	.016980	.0019310
%RSD	.2626963	.2204559	.4873556	122.6089	.8087490	.2900102	19.53921
#1	15.36362	5.772748	.2566660	.000001	1.008988	5.861994	.0120878
#2	15.38824	5.751229	.2541789	-.000413	1.025079	5.835728	.0084930
#3	15.44267	5.750321	.2553314	-.001543	1.020064	5.867505	.0090678

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-01DLX2 Acquired: 11/09/2024 18:27:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.616811	.0854934	.2520149
Stddev	.001523	.0012898	.0003663
%RSD	.0581989	1.508705	.1453458
#1	2.615507	.0868295	.2515919
#2	2.616441	.0853952	.2522242
#3	2.618485	.0842555	.2522285

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1179.628	30581.59	3110.924	1098.168	2040.646
Stddev	3.692	62.64	2.364	3.060	1.970
%RSD	.3129756	.2048311	.0759954	.2786094	.0965153
#1	1177.286	30646.36	3112.077	1095.937	2042.868
#2	1183.884	30521.32	3112.491	1096.911	2039.115
#3	1177.713	30577.08	3108.205	1101.656	2039.955

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-02DLX2 Acquired: 11/09/2024 18:31:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3345249	-.049336	.1812355	-.064116	.0128274	151.9831	2.042833
Stddev	.0026528	.006690	.0050394	.009790	.0055225	.3788	.005515
%RSD	.7929932	13.56091	2.780562	15.26942	43.05238	.2492524	.2699547
#1	.3356564	-.056865	.1836035	-.071953	.0094678	152.2570	2.045133
#2	.3314940	-.047071	.1754482	-.053142	.0098134	151.5508	2.036540
#3	.3364243	-.044072	.1846546	-.067254	.0192011	152.1414	2.046825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064081	.0027656	50.55447	.2741547	.1672662	.5292923	295.7360
Stddev	.0001613	.0001687	.28661	.0019624	.0009604	.0085736	.8516
%RSD	2.517543	6.098936	.5669409	.7158132	.5741602	1.619823	.2879625
#1	.0062882	.0026146	50.54452	.2741002	.1670578	.5388922	296.4866
#2	.0063445	.0029476	50.27297	.2722200	.1683137	.5265874	294.8105
#3	.0065915	.0027346	50.84594	.2761437	.1664271	.5223975	295.9111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.193267	69.65027	.4177332	-.021719	1.080189	.6037996	.6811751
Stddev	.022530	.28032	.0008521	.000184	.134150	.0097077	.0037499
%RSD	.3637798	.4024714	.2039883	.8484631	12.41911	1.607771	.5504988
#1	6.199559	69.73133	.4184753	-.021898	1.228154	.6119686	.6810898
#2	6.168260	69.33835	.4168026	-.021530	1.045904	.6063627	.6774686
#3	6.211982	69.88114	.4179217	-.021728	.966508	.5930675	.6849668

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.47200	8.502885	.2809634	-.001783	1.019433	3.897105	.0077917
Stddev	.09907	.033741	.0021144	.001416	.001844	.016136	.0012705
%RSD	.6845669	.3968132	.7525564	79.42838	.1808433	.4140564	16.30605
#1	14.58533	8.531941	.2832996	-.000459	1.020464	3.909900	.0092509
#2	14.40182	8.465879	.2804095	-.003276	1.020531	3.878978	.0069313
#3	14.42886	8.510834	.2791811	-.001613	1.017305	3.902438	.0071928

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-02DLX2 Acquired: 11/09/2024 18:31:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.756786	.1225903	.3916695
Stddev	.008211	.0022365	.0013606
%RSD	.2978473	1.824360	.3473893
#1	2.761659	.1225972	.3931467
#2	2.747306	.1203504	.3904675
#3	2.761393	.1248234	.3913945

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1209.848	31078.57	3155.929	1115.804	2009.883
Stddev	1.887	53.99	13.676	3.300	2.902
%RSD	.1560111	.1737334	.4333477	.2957863	.1443808
#1	1208.909	31125.08	3156.503	1117.352	2006.809
#2	1212.021	31091.28	3169.310	1118.046	2012.575
#3	1208.615	31019.36	3141.976	1112.014	2010.265

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-03DLX2 Acquired: 11/09/2024 18:36:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2763212	-.043405	.1505201	-.070279	.0097883	134.4017	2.033624
Stddev	.0044473	.006446	.0047981	.006586	.0021660	.1935	.002906
%RSD	1.609475	14.85185	3.187698	9.370700	22.12856	.1439748	.1429147
#1	.2779873	-.040520	.1504665	-.062678	.0105626	134.1988	2.030316
#2	.2796949	-.050791	.1553448	-.074266	.0073415	134.5842	2.035768
#3	.2712814	-.038905	.1457490	-.073894	.0114608	134.4222	2.034788

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055756	.0022061	31.80140	.2676654	.1607650	.4453832	296.4290
Stddev	.0001935	.0003589	.07415	.0005214	.0006528	.0020002	.6008
%RSD	3.469778	16.26873	.2331792	.1947979	.4060830	.4490992	.2026921
#1	.0057195	.0018446	31.74065	.2681075	.1606623	.4439439	295.7884
#2	.0053557	.0022113	31.88404	.2670904	.1601696	.4445384	296.9800
#3	.0056516	.0025624	31.77954	.2677983	.1614631	.4476672	296.5187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.092900	61.19588	.3574792	-.022534	.8810482	.6207087	.5414059
Stddev	.025836	.23223	.0025701	.000104	.1165658	.0064390	.0030920
%RSD	.2841338	.3794816	.7189480	.4618178	13.23036	1.037367	.5711108
#1	9.063519	60.99759	.3568335	-.022582	.9826131	.6234264	.5390613
#2	9.112070	61.45136	.3552936	-.022605	.7537738	.6133563	.5402464
#3	9.103110	61.13871	.3603106	-.022414	.9067579	.6253433	.5449101

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.74113	5.094215	.2804830	-.001408	.6383961	3.632824	.0099428
Stddev	.16698	.021034	.0008035	.000726	.0140379	.009943	.0036882
%RSD	1.060797	.4129079	.2864634	51.60299	2.198928	.2736958	37.09391
#1	15.55675	5.076545	.2812886	-.001190	.6234140	3.624915	.0138663
#2	15.78447	5.088618	.2796817	-.002218	.6512457	3.629571	.0094154
#3	15.88216	5.117482	.2804786	-.000815	.6405285	3.643986	.0065467

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-03DLX2 Acquired: 11/09/2024 18:36:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.620711	.1049660	.3826413
Stddev	.007715	.0032196	.0007952
%RSD	.2943829	3.067321	.2078272
#1	2.613915	.1021480	.3817358
#2	2.629097	.1042748	.3829621
#3	2.619121	.1084751	.3832261

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1199.570	31062.15	3144.085	1115.019	2027.681
Stddev	2.195	26.89	1.831	2.381	6.921
%RSD	.1829907	.0865599	.0582309	.2135412	.3413106
#1	1200.114	31034.29	3145.508	1115.421	2027.050
#2	1201.442	31087.94	3142.020	1117.174	2034.895
#3	1197.154	31064.23	3144.728	1112.463	2021.097

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-04DLX2 Acquired: 11/09/2024 18:40:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3595665	-.046921	.3803925	-.072207	.0103530	98.62016
Stddev	.0104826	.005318	.0012821	.003581	.0052074	.44287
%RSD	2.915350	11.33465	.3370470	4.959044	50.29820	.4490711
#1	.3521786	-.040796	.3806241	-.074933	.0074207	98.13272
#2	.3549570	-.049600	.3815430	-.073536	.0163653	98.99783
#3	.3715641	-.050367	.3790104	-.068151	.0072729	98.72992

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.474893	.0052764	.0088657	18.98993	.2447373	.1656384
Stddev	.010834	.0002324	.0004804	.13932	.0011205	.0010307
%RSD	.7345804	4.404134	5.418663	.7336474	.4578522	.6222595
#1	1.463963	.0051306	.0083438	18.85747	.2457640	.1644947
#2	1.485629	.0055444	.0092894	19.13522	.2435420	.1659248
#3	1.475088	.0051541	.0089640	18.97712	.2449058	.1664955

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.090564	F 300.0987	7.350498	53.50647	.3208983	-.022386
Stddev	.010680	1.6284	.068436	.43623	.0005211	.000081
%RSD	.9793308	.5426072	.9310368	.8152932	.1623762	.3609635
#1	1.079568	298.2894	7.282247	53.00734	.3203682	-.022362
#2	1.100897	301.4466	7.419118	53.81483	.3209169	-.022320
#3	1.091228	300.5599	7.350128	53.69723	.3214098	-.022476

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.078050	.5957046	.9075772	17.80227	5.589152	.2798096
Stddev	.287950	.0076945	.0037312	.09521	.004482	.0002702
%RSD	26.71026	1.291659	.4111133	.5348339	.0801953	.0965797
#1	.787185	.6033748	.9096256	17.69541	5.585887	.2801045
#2	1.083971	.5957530	.9098354	17.83330	5.587307	.2797506
#3	1.362994	.5879860	.9032705	17.87810	5.594263	.2795738

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-04DLX2 Acquired: 11/09/2024 18:40:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000566	.7492444	5.989954	.0096500	3.109568	.0893250
Stddev	.000500	.0139916	.013764	.0024922	.017781	.0018237
%RSD	88.49724	1.867432	.2297832	25.82622	.5718073	2.041603
#1	-.001095	.7340704	5.977748	.0105821	3.089884	.0872312
#2	-.000100	.7616354	6.004872	.0115419	3.124465	.0905666
#3	-.000501	.7520275	5.987241	.0068261	3.114357	.0901771

Elem	Sr4077
Units	ppm
Avg	.2281692
Stddev	.0006683
%RSD	.2929195
#1	.2274903
#2	.2288265
#3	.2281908

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1188.071	30817.69	3115.096	1103.307	2043.741
Stddev	.431	23.56	12.715	5.774	2.190
%RSD	.0362577	.0764561	.4081809	.5233804	.1071501
#1	1187.955	30802.56	3119.984	1100.350	2045.571
#2	1188.548	30805.66	3100.663	1099.610	2044.337
#3	1187.711	30844.84	3124.643	1109.961	2041.315

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-05DLX2 Acquired: 11/09/2024 18:45:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3103744	-.047807	.3362669	-.065125	.0130459	100.9863	1.492020
Stddev	.0096500	.000863	.0050058	.009794	.0016361	.2458	.003111
%RSD	3.109150	1.804216	1.488649	15.03831	12.54071	.2433963	.2085383
#1	.3021083	-.046926	.3395711	-.071428	.0113364	100.9722	1.495303
#2	.3209786	-.047845	.3305075	-.070104	.0145970	100.7478	1.489114
#3	.3080361	-.048650	.3387222	-.053842	.0132043	101.2388	1.491643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050093	.0074970	19.41811	.2514909	.1595081	.7973272	311.1876
Stddev	.0002685	.0000384	.05680	.0005130	.0003950	.0083354	.4343
%RSD	5.360538	.5128128	.2924923	.2039890	.2476261	1.045416	.1395566
#1	.0047641	.0074725	19.46912	.2510662	.1590521	.8064536	311.2661
#2	.0049676	.0074772	19.35691	.2513457	.1597289	.7901163	310.7194
#3	.0052962	.0075413	19.42829	.2520609	.1597434	.7954117	311.5773

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.689759	53.59202	.3395633	-.023683	.9403974	.6094682	.8906272
Stddev	.022554	.11096	.0005988	.000422	.3149322	.0056357	.0016344
%RSD	.3371481	.2070364	.1763285	1.781567	33.48927	.9246942	.1835155
#1	6.715497	53.51286	.3397011	-.023791	.5910148	.6119174	.8908626
#2	6.680335	53.71884	.3389076	-.023218	1.202445	.6134648	.8888879
#3	6.673446	53.54437	.3400810	-.024041	1.027732	.6030222	.8921313

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.87707	5.299356	.2855669	-.000180	.6794029	3.336668	.0089888
Stddev	.03553	.024022	.0012872	.000446	.0210715	.000754	.0006664
%RSD	.2237527	.4532951	.4507508	247.3979	3.101478	.0226009	7.414099
#1	15.91807	5.278901	.2845570	.000170	.6771652	3.336781	.0083880
#2	15.85774	5.293359	.2851275	-.000028	.6595396	3.335864	.0088726
#3	15.85540	5.325808	.2870163	-.000682	.7015041	3.337359	.0097057

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-05DLX2 Acquired: 11/09/2024 18:45:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.558467	.0902953	.2384604
Stddev	.017676	.0031938	.0002982
%RSD	.6908783	3.537100	.1250638
#1	2.548404	.0938364	.2386127
#2	2.548120	.0876324	.2381168
#3	2.578876	.0894172	.2386517

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1183.123	30817.07	3114.256	1102.475	2039.518
Stddev	2.106	10.47	7.196	3.192	2.080
%RSD	.1779990	.0339646	.2310775	.2895060	.1020094
#1	1184.340	30827.74	3118.629	1103.265	2038.712
#2	1180.692	30806.82	3118.189	1105.198	2037.962
#3	1184.339	30816.64	3105.950	1098.963	2041.881

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCV046 Acquired: 11/09/2024 18:49:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.176118	4.878357	25.06473	4.863745	4.963058	409.3531	10.25228
Stddev	.008401	.020418	.03774	.013264	.013429	.5165	.02686
%RSD	.1622973	.4185392	.1505600	.2727059	.2705874	.1261673	.2620098
#1	5.167721	4.856078	25.05360	4.863555	4.958320	409.7772	10.26977
#2	5.176108	4.882817	25.03381	4.850577	4.952640	409.5042	10.26572
#3	5.184523	4.896176	25.10678	4.877103	4.978215	408.7780	10.22135

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5061674	2.512016	410.5139	15.62319	2.530257	15.30510	418.5206
Stddev	.0027462	.005225	1.2753	.03684	.008066	.03209	.9235
%RSD	.5425385	.2080192	.3106682	.2358054	.3187875	.2096950	.2206605
#1	.5089390	2.506823	411.8116	15.59076	2.527342	15.28798	419.1424
#2	.5061159	2.511951	410.4678	15.61556	2.524054	15.34213	418.9600
#3	.5034474	2.517274	409.2622	15.66324	2.539376	15.28520	417.4594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.15696	417.8957	2.511052	1.259408	410.6776	2.541038	14.95285
Stddev	.03442	1.1671	.003267	.003508	.8014	.021961	.02607
%RSD	.2271003	.2792737	.1301235	.2785604	.1951401	.8642503	.1743455
#1	15.19169	418.7176	2.507303	1.257641	411.2189	2.563145	14.92348
#2	15.15633	418.4096	2.513295	1.257135	411.0570	2.540741	14.96184
#3	15.12286	416.5598	2.512558	1.263449	409.7570	2.519227	14.97324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.3431	5.035466	5.198888	4.899215	5.172882	5.106394	5.062245
Stddev	.2104	.008071	.040054	.005849	.005091	.030178	.012243
%RSD	.1345451	.1602805	.7704379	.1193901	.0984143	.5909780	.2418494
#1	156.3917	5.034332	5.242658	4.901265	5.171774	5.139284	5.049006
#2	156.5249	5.028022	5.189945	4.892616	5.168437	5.099918	5.073159
#3	156.1127	5.044044	5.164062	4.903763	5.178436	5.079980	5.064569

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCV046 Acquired: 11/09/2024 18:49:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV046 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.047241	5.130750	5.105843
Stddev	.014182	.023222	.005379
%RSD	.2809852	.4526103	.1053541
#1	5.061583	5.151827	5.103849
#2	5.046915	5.134566	5.111935
#3	5.033225	5.105856	5.101746

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	937.6324	26442.94	2784.504	839.1337	1665.582
Stddev	1.5517	57.33	10.824	2.3687	1.230
%RSD	.1654964	.2167918	.3887086	.2822795	.0738480
#1	935.8446	26495.86	2773.136	841.8164	1664.999
#2	938.6302	26450.91	2785.689	838.2544	1666.996
#3	938.4225	26382.04	2794.686	837.3305	1664.752

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCB046 Acquired: 11/09/2024 18:53:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066244	-.005880	.0026873	-.001275	-.000232	.0421932	.0005094
Stddev	.0055794	.000488	.0007178	.006787	.002362	.0134740	.0009765
%RSD	84.22420	8.293109	26.71143	532.2985	1015.890	31.93396	191.6850
#1	.0113544	-.006236	.0023007	-.000806	.002458	.0548717	.0016058
#2	.0080475	-.005324	.0022457	.005265	-.001965	.0280444	-.000267
#3	.0004713	-.006081	.0035156	-.008284	-.001191	.0436636	.000189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000371	-.000057	.0214302	.0001590	.0003637	.0037659	-.006505
Stddev	.0001453	.000130	.0095353	.0000642	.0004191	.0038704	.028989
%RSD	391.5663	227.6646	44.49473	40.39389	115.2332	102.7767	445.6274
#1	.0001352	.000038	.0205301	.0001873	-.000072	.0057254	-.007562
#2	.0001059	-.000206	.0313836	.0000855	.000399	-.000692	.022998
#3	-.000130	-.000004	.0123768	.0002042	.000764	.006265	-.034951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000061	.0641826	.0003838	.0006588	-.275392	.0022718	.0005466
Stddev	.000918	.0846405	.0002961	.0001627	.129036	.0070909	.0001559
%RSD	1511.503	131.8746	77.15411	24.69269	46.85544	312.1312	28.52342
#1	.000215	.0189440	.0002756	.0005349	-.362979	-.005296	.0007238
#2	-.001085	.0117744	.0007189	.0008430	-.127211	.008762	.0004860
#3	.000688	.1618293	.0001570	.0005985	-.335985	.003349	.0004301

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000774	.0076904	.0061797	.0005242	.0023268	.0008178	.0016331
Stddev	.121875	.0029391	.0009021	.0010013	.0038949	.0014120	.0016503
%RSD	15746.08	38.21790	14.59819	190.9904	167.3965	172.6581	101.0520
#1	.077581	.0057820	.0066218	.0000482	.0032342	.0009292	.0033505
#2	-.141188	.0110750	.0051418	.0016747	-.001942	.0021708	.0014892
#3	.061286	.0062143	.0067755	-.000150	.005688	-.000647	.0000594

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCB046 Acquired: 11/09/2024 18:53:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB046 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004042	.0013156	.0001562
Stddev	.0012234	.0008113	.0000683
%RSD	302.6322	61.67054	43.69742
#1	-.000899	.0019932	.0001166
#2	.001527	.0015370	.0001171
#3	.000585	.0004165	.0002351

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1128.715	28719.33	2895.074	1039.356	2180.606
Stddev	.870	32.77	13.995	4.745	4.002
%RSD	.0770652	.1141164	.4834082	.4565264	.1835439
#1	1127.711	28686.71	2908.661	1044.132	2179.823
#2	1129.205	28719.02	2880.704	1039.292	2177.053
#3	1129.229	28752.26	2895.857	1034.643	2184.942

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164631BL Acquired: 11/09/2024 18:58:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS631 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029386	-.005957	-.002876	-.006495	-.001261	.0028588	.0000182
Stddev	.0085380	.001387	.001994	.001852	.001267	.0126348	.0008212
%RSD	290.5465	23.27633	69.32450	28.51537	100.4450	441.9593	4513.945
#1	.0122670	-.005774	-.002637	-.008215	-.002698	-.010817	-.000707
#2	.0010374	-.004670	-.004980	-.006737	-.000783	.005297	-.000148
#3	-.004489	-.007425	-.001013	-.004534	-.000303	.014097	.000910

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	.0000036	-.000288	-.000078	.0000429	.0004331	-.016317
Stddev	.000070	.0002011	.015561	.000655	.0008735	.0078597	.023273
%RSD	197.8711	5602.561	5405.021	836.1332	2035.804	1814.761	142.6326
#1	.000016	.0002352	.014696	.000676	-.000962	.0046480	.009727
#2	-.000116	-.000127	.000808	-.000504	.000618	-.008635	-.035077
#3	-.000006	-.000097	-.016368	-.000407	.000473	.005286	-.023599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016383	.0888810	-.000110	.0001666	.1336819	-.000114	-.000051
Stddev	.0013067	.0654466	.000504	.0008034	.4756492	.004073	.000474
%RSD	79.76030	73.63394	460.4839	482.1393	355.8066	3580.091	932.8348
#1	.0021825	.0178930	.000036	.0010698	-.172099	-.001962	-.000578
#2	.0025849	.1468200	-.000671	-.000101	-.108542	-.002935	.000083
#3	.0001474	.1019300	.000306	-.000469	.681687	.004556	.000342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511345	.0007707	.0014302	-.000201	.0054516	.0000527	.0004393
Stddev	.0516032	.0011437	.0005697	.000287	.0062605	.0001126	.0013167
%RSD	100.9165	148.4121	39.83707	142.5638	114.8368	213.6434	299.7001
#1	-.002546	.0007371	.0020067	-.000167	.0085625	.0000949	-.001079
#2	.100373	-.000356	.0008675	-.000504	-.001755	-.000075	.001274
#3	.055576	.001931	.0014163	.000067	.009547	.000138	.001122

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164631BL Acquired: 11/09/2024 18:58:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS631 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008200	.0006270	.0000769
Stddev	.0019191	.0009384	.0000109
%RSD	234.0220	149.6716	14.22874
#1	-.000690	.0016415	.0000822
#2	.000171	-.000210	.0000643
#3	.002980	.000450	.0000842

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1135.381	28987.62	2880.243	1051.453	2200.154
Stddev	2.601	104.66	11.067	2.519	4.327
%RSD	.2290482	.3610512	.3842417	.2395831	.1966490
#1	1133.119	28884.07	2876.125	1049.263	2195.614
#2	1134.803	28985.44	2871.825	1050.890	2200.620
#3	1138.223	29093.35	2892.779	1054.206	2204.229

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164631BS Acquired: 11/09/2024 19:02:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS631 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226670	.0487331	.0161301	.0607412	.1114759	.3856258
Stddev	.0070968	.0028246	.0008768	.0015830	.0009617	.0102661
%RSD	31.30892	5.796092	5.435561	2.606214	.8626675	2.662181
#1	.0299002	.0494225	.0171044	.0606992	.1119588	.3833531
#2	.0223857	.0456276	.0158811	.0591795	.1103684	.3968377
#3	.0157150	.0511492	.0154048	.0623448	.1121003	.3766865

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4096415	.0108174	.0104570	10.63368	.0224749	.0995509
Stddev	.0012315	.0001135	.0002055	.02726	.0007680	.0003107
%RSD	.3006299	1.049455	1.965303	.2563935	3.417345	.3120777
#1	.4105062	.0109395	.0106866	10.63360	.0230951	.0993229
#2	.4082315	.0107151	.0103942	10.60645	.0216158	.0994250
#3	.4101867	.0107976	.0102902	10.66098	.0227137	.0999048

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0529649	.1965573	.0347346	10.42159	.0825939	.0224410
Stddev	.0056811	.0183637	.0018188	.07339	.0010490	.0003723
%RSD	10.72623	9.342690	5.236164	.7042410	1.270052	1.659037
#1	.0594802	.1781202	.0367638	10.50443	.0823820	.0223043
#2	.0503697	.2148468	.0332513	10.39564	.0837327	.0221564
#3	.0490449	.1967049	.0341888	10.36469	.0816671	.0228624

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.715558	.1029343	.1161715	9.668819	.0228446	F .0019239
Stddev	.497401	.0096096	.0002887	.145950	.0017327	.0012318
%RSD	5.119638	9.335630	.2485105	1.509494	7.584780	64.02245
#1	9.155645	.1123824	.1160435	9.830239	.0244712	.0033212
#2	9.884693	.0931710	.1165021	9.630050	.0210223	.0009951
#3	10.10634	.1032493	.1159689	9.546167	.0230404	.0014556

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164631BS Acquired: 11/09/2024 19:02:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS631 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0194954	.1830147	F .4536084	.0131144	.2014489	.0295833
Stddev	.0006511	.0092202	.0014346	.0013000	.0007267	.0021477
%RSD	3.339695	5.037936	.3162703	9.912446	.3607249	7.259709
#1	.0201311	.1725901	.4530617	.0141168	.2010466	.0271035
#2	.0188300	.1863542	.4525275	.0135809	.2022877	.0308460
#3	.0195250	.1900998	.4552360	.0116456	.2010123	.0308004

Elem	Sr4077
Units	ppm
Avg	.2065939
Stddev	.0004456
%RSD	.2156980
#1	.2071022
#2	.2064088
#3	.2062706

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1132.752	28933.89	2879.100	1044.776	2147.670
Stddev	1.070	60.38	5.748	4.117	2.414
%RSD	.0945031	.2086665	.1996524	.3940221	.1124017
#1	1133.922	28892.42	2879.761	1040.084	2147.007
#2	1132.513	29003.16	2884.489	1046.460	2145.657
#3	1131.821	28906.09	2873.050	1047.783	2150.347

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164631BSD Acquired: 11/09/2024 19:07:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD631 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149107	.0234688	.0111152	.0311733	.0586346	.2180001	.2155953
Stddev	.0057042	.0017823	.0038205	.0075244	.0013086	.0103736	.0024350
%RSD	38.25557	7.594524	34.37194	24.13727	2.231714	4.758520	1.129419
#1	.0188631	.0236207	.0080717	.0323588	.0594903	.2298269	.2183940
#2	.0083714	.0216153	.0154026	.0231265	.0571282	.2137323	.2139625
#3	.0174976	.0251703	.0098712	.0380346	.0592852	.2104413	.2144293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054212	.0053980	5.563765	.0117140	.0509081	.0269315	.0828715
Stddev	.0002072	.0001768	.066902	.0020089	.0007374	.0044108	.0298273
%RSD	3.821507	3.275900	1.202455	17.14951	1.448390	16.37779	35.99219
#1	.0055277	.0054514	5.640854	.0118003	.0515736	.0219595	.1161308
#2	.0051825	.0052006	5.520891	.0096634	.0501154	.0284615	.0739895
#3	.0055536	.0055419	5.529549	.0136784	.0510353	.0303736	.0584941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173267	5.479376	.0426643	.0115433	5.275950	.0605103	.0611920
Stddev	.0007150	.087113	.0004426	.0002888	.447716	.0102159	.0004105
%RSD	4.126341	1.589841	1.037424	2.502232	8.485983	16.88291	.6707699
#1	.0180489	5.541629	.0424534	.0118743	5.635500	.0688541	.0611789
#2	.0166192	5.379823	.0423666	.0113425	5.417876	.0491169	.0616089
#3	.0173119	5.516676	.0431730	.0114131	4.774472	.0635601	.0607883

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.072254	.0128186	.0005293	.0100948	.0913122	.2369744	.0078628
Stddev	.178306	.0035085	.0003489	.0004920	.0094702	.0015729	.0016463
%RSD	3.515318	27.37001	65.91716	4.873326	10.37129	.6637538	20.93779
#1	5.270660	.0167249	.0008604	.0106371	.0993989	.2387752	.0097155
#2	4.925414	.0117955	.0001650	.0099701	.0808939	.2358694	.0073048
#3	5.020690	.0099354	.0005626	.0096773	.0936437	.2362785	.0065680

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: PB164631BSD Acquired: 11/09/2024 19:07:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD631 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1089023	.0156755	.1085021
Stddev	.0044745	.0015306	.0019946
%RSD	4.108735	9.764290	1.838324
#1	.1139274	.0172586	.1108052
#2	.1053494	.0155644	.1073550
#3	.1074301	.0142034	.1073460

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1127.004	28905.59	2861.380	1040.870	2171.206
Stddev	3.108	83.14	35.785	3.527	6.341
%RSD	.2757728	.2876103	1.250607	.3388543	.2920412
#1	1124.151	28837.98	2822.171	1037.133	2164.495
#2	1130.315	28998.42	2892.279	1044.141	2177.096
#3	1126.545	28880.39	2869.689	1041.334	2172.027

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-06DLX2 Acquired: 11/09/2024 19:21:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3355435	-.043861	.4273273	-.058757	.0085154	99.04882	1.404389
Stddev	.0091134	.008913	.0017507	.006610	.0025834	.28149	.005108
%RSD	2.716015	20.32000	.4096908	11.24945	30.33764	.2841978	.3636979
#1	.3454373	-.034604	.4254594	-.051258	.0062697	98.83243	1.399968
#2	.3337012	-.044597	.4275917	-.063736	.0113387	99.36707	1.409980
#3	.3274920	-.052384	.4289308	-.061278	.0079379	98.94697	1.403219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045045	.0090702	28.39464	.2265792	.1548408	1.227404	271.2221
Stddev	.0002076	.0002733	.11616	.0014627	.0004548	.009750	1.5472
%RSD	4.608264	3.012868	.4090982	.6455705	.2937118	.7943532	.5704403
#1	.0047189	.0093780	28.27425	.2262363	.1551943	1.221051	270.2254
#2	.0043044	.0089766	28.50605	.2253185	.1550004	1.238630	273.0044
#3	.0044903	.0088561	28.40361	.2281830	.1543277	1.222532	270.4364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.038497	55.87998	.3164935	-.018852	1.110339	.5428248	.8893655
Stddev	.029644	.33640	.0007320	.000185	.250904	.0067575	.0019464
%RSD	.4909108	.6019991	.2312736	.9836037	22.59704	1.244872	.2188515
#1	6.008771	55.60378	.3173242	-.018684	1.397412	.5496345	.8876184
#2	6.068058	56.25462	.3159432	-.019051	1.000637	.5427194	.8890145
#3	6.038663	55.78155	.3162131	-.018821	.932969	.5361207	.8914635

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.19391	6.254930	.2526282	-.000453	1.082561	4.748665	.0070930
Stddev	.03003	.022760	.0039441	.000480	.001534	.032218	.0033843
%RSD	.2275998	.3638694	1.561227	105.9797	.1416930	.6784550	47.71270
#1	13.16796	6.229306	.2487639	-.000514	1.083140	4.739702	.0109151
#2	13.22680	6.262685	.2566475	-.000901	1.083721	4.784416	.0058865
#3	13.18696	6.272799	.2524731	.000054	1.080822	4.721879	.0044773

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-06DLX2 Acquired: 11/09/2024 19:21:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.647331	.0886775	.2686451
Stddev	.006245	.0001814	.0006121
%RSD	.2358996	.2045738	.2278486
#1	2.644255	.0886086	.2685361
#2	2.654518	.0888833	.2693044
#3	2.643221	.0885406	.2680948

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.082	30506.19	3104.168	1090.329	2030.369
Stddev	1.455	45.93	18.080	2.912	.854
%RSD	.1238169	.1505635	.5824453	.2670879	.0420844
#1	1174.029	30468.14	3106.091	1088.511	2030.876
#2	1174.474	30557.21	3085.203	1093.688	2029.383
#3	1176.742	30493.21	3121.209	1088.787	2030.849

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-07DLX2 Acquired: 11/09/2024 19:25:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3618240	-.041475	.4504248	-.063356	.0126655	104.1695	1.477214
Stddev	.0148251	.003419	.0004693	.008020	.0018863	3.9014	.050602
%RSD	4.097332	8.243163	.1041830	12.65870	14.89327	3.745267	3.425535
#1	.3780041	-.043132	.4508628	-.069886	.0136166	104.8541	1.488061
#2	.3585754	-.037544	.4504821	-.054404	.0104929	99.9711	1.422068
#3	.3488927	-.043750	.4499296	-.065779	.0138869	107.6833	1.521513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045144	.0094334	29.90120	.2402378	.1630334	1.286943	283.8973
Stddev	.0001026	.0004904	1.04248	.0007509	.0007568	.049522	9.9410
%RSD	2.273062	5.198658	3.486406	.3125798	.4642251	3.848039	3.501603
#1	.0043959	.0094302	30.04862	.2397320	.1621911	1.297441	285.7985
#2	.0045748	.0099254	28.79285	.2411007	.1636561	1.233014	273.1430
#3	.0045724	.0089446	30.86211	.2398808	.1632531	1.330374	292.7503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.348331	58.81023	.3366825	-.018988	.8747327	.5653747	.9378146
Stddev	.216545	1.98577	.0022341	.000923	.2461700	.0155850	.0027711
%RSD	3.411052	3.376569	.6635638	4.862256	28.14231	2.756579	.2954791
#1	6.383614	59.02219	.3385870	-.019451	.9334264	.5628962	.9397596
#2	6.116312	56.72698	.3372371	-.017925	.6045208	.5511774	.9346417
#3	6.545068	60.68151	.3342233	-.019589	1.086251	.5820504	.9390424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.80412	6.603855	.2648864	-.001431	1.129185	4.860945	.0110495
Stddev	.40731	.011049	.0084359	.001006	.006323	.151675	.0020986
%RSD	2.950616	.1673059	3.184730	70.31614	.5599644	3.120271	18.99239
#1	13.99319	6.591662	.2685224	-.002450	1.129135	4.855911	.0097148
#2	13.33664	6.613203	.2552422	-.001405	1.122887	4.711850	.0099653
#3	14.08252	6.606700	.2708945	-.000438	1.135532	5.015074	.0134684

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-07DLX2 Acquired: 11/09/2024 19:25:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.759043	.0928602	.2805458
Stddev	.094154	.0025659	.0093123
%RSD	3.412574	2.763164	3.319347
#1	2.782292	.0932361	.2824614
#2	2.655442	.0901272	.2704247
#3	2.839395	.0952175	.2887513

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1183.592	30635.80	3134.044	1098.541	2035.732
Stddev	.286	10.22	92.603	1.829	3.891
%RSD	.0241319	.0333528	2.954743	.1664651	.1911114
#1	1183.922	30644.29	3129.020	1099.053	2033.629
#2	1183.425	30638.66	3229.057	1100.060	2033.346
#3	1183.429	30624.46	3044.056	1096.511	2040.221

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-06LDLX10 Acquired: 11/09/2024 19:29:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730714	-.008516	.0819836	-.012457	.0011596	20.03738	.2833336
Stddev	.0099433	.002235	.0003811	.005020	.0008075	.09700	.0006924
%RSD	13.60768	26.24465	.4648888	40.29830	69.64227	.4841072	.2443583
#1	.0824875	-.009870	.0819591	-.007938	.0015814	19.95875	.2826359
#2	.0740530	-.005937	.0816153	-.017860	.0016688	20.14578	.2840205
#3	.0626737	-.009743	.0823764	-.011572	.0002285	20.00762	.2833446

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010918	.0014816	5.779316	.0467194	.0298577	.2468382	55.71617
Stddev	.0001213	.0001375	.031198	.0007111	.0005792	.0078845	.24343
%RSD	11.11013	9.276768	.5398219	1.522075	1.939758	3.194179	.4369050
#1	.0009927	.0014447	5.747901	.0463782	.0304238	.2387423	55.49154
#2	.0012271	.0016338	5.810292	.0462432	.0292663	.2544927	55.68216
#3	.0010556	.0013664	5.779756	.0475368	.0298829	.2472798	55.97482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.242910	11.41686	.0608483	-.003939	.1454126	.1071340	.1839685
Stddev	.003647	.07710	.0001830	.000569	.1436860	.0140204	.0010581
%RSD	.2933891	.6753033	.3006629	14.44903	98.81264	13.08677	.5751311
#1	1.238901	11.42695	.0606372	-.003536	.0247470	.1227669	.1851545
#2	1.246030	11.48841	.0609483	-.004590	.1071272	.0956733	.1831214
#3	1.243798	11.33521	.0609594	-.003692	.3043635	.1029618	.1836295

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.499887	1.207465	.0510394	-.000968	.2042528	.9966499	.0012722
Stddev	.038421	.002233	.0005102	.000444	.0065789	.0030397	.0009107
%RSD	1.536911	.1849215	.9996312	45.84280	3.220961	.3049869	71.58179
#1	2.504976	1.209091	.0513216	-.001469	.2096464	.9986789	.0017995
#2	2.535510	1.208384	.0513461	-.000810	.1969231	.9931551	.0002207
#3	2.459175	1.204919	.0504504	-.000625	.2061888	.9981157	.0017965

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-06LDLX10 Acquired: 11/09/2024 19:29:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5388686	.0161418	.0541405
Stddev	.0012606	.0014539	.0000606
%RSD	.2339339	9.007122	.1119604
#1	.5393750	.0167660	.0540784
#2	.5397973	.0144800	.0541995
#3	.5374336	.0171793	.0541435

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1154.428	29641.82	2940.256	1070.253	2149.521
Stddev	2.473	118.56	9.048	5.605	2.175
%RSD	.2142075	.3999835	.3077236	.5237537	.1011676
#1	1153.718	29506.11	2930.382	1063.796	2151.646
#2	1152.388	29725.33	2948.150	1073.095	2147.300
#3	1157.178	29694.00	2942.236	1073.868	2149.617

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-08DLX2 Acquired: 11/09/2024 19:34:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4002585	.0519387	.4491614	.0946700	.1727691	99.51923	5.084385
Stddev	.0060705	.0015746	.0058521	.0032795	.0040525	2.25935	.119109
%RSD	1.516639	3.031550	1.302893	3.464138	2.345597	2.270260	2.342638
#1	.3994161	.0512674	.4511812	.0979552	.1769696	99.82597	5.104428
#2	.3946532	.0508110	.4537361	.0913963	.1724547	97.12219	4.956527
#3	.4067061	.0537376	.4425670	.0946584	.1688830	101.6095	5.192201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0967037	.1029013	27.13489	.6181901	1.091542	1.640998	263.5078
Stddev	.0027507	.0012008	.64336	.0022312	.011830	.044191	6.1900
%RSD	2.844482	1.166971	2.370975	.3609262	1.083824	2.692958	2.349082
#1	.0964131	.1038545	27.13189	.6194575	1.101530	1.644581	264.2761
#2	.0941098	.1032967	26.49303	.6156138	1.094620	1.595124	256.9695
#3	.0995881	.1015526	27.77975	.6194989	1.078477	1.683289	269.2778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.789795	54.17236	1.249440	.0708968	1.086931	1.470942	1.695155
Stddev	.160630	1.33920	.012364	.0010044	.117093	.038049	.001990
%RSD	2.365755	2.472110	.9895458	1.416678	10.77282	2.586731	.1174206
#1	6.795014	54.39043	1.259923	.0713394	1.214179	1.475799	1.694455
#2	6.626619	52.73750	1.252591	.0716038	.983725	1.430698	1.693608
#3	6.947751	55.38914	1.235805	.0697471	1.062888	1.506330	1.697400

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.65583	6.041146	.2457090	-.001376	1.021655	4.466149	.0057471
Stddev	.35152	.074990	.0070313	.000578	.009857	.090284	.0006464
%RSD	2.777546	1.241320	2.861620	42.01566	.9647686	2.021517	11.24688
#1	12.59262	6.094859	.2449107	-.001180	1.031294	4.468317	.0057234
#2	12.34019	6.073108	.2391110	-.002027	1.011594	4.374801	.0051129
#3	13.03466	5.955470	.2531054	-.000922	1.022077	4.555330	.0064050

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-08DLX2 Acquired: 11/09/2024 19:34:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.543961	.0859500	.2587098
Stddev	.057663	.0023819	.0056598
%RSD	2.266678	2.771207	2.187698
#1	2.558357	.0835501	.2594930
#2	2.480463	.0859865	.2526991
#3	2.593062	.0883134	.2639371

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1182.647	30589.92	3110.779	1090.903	2054.975
Stddev	7.307	15.04	64.122	2.991	18.439
%RSD	.6178594	.0491677	2.061300	.2741787	.8972995
#1	1178.315	30587.83	3102.222	1093.332	2039.085
#2	1178.541	30576.03	3178.750	1087.562	2050.647
#3	1191.083	30605.89	3051.364	1091.815	2075.193

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-09DLX2 Acquired: 11/09/2024 19:38:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3551542	-.044642	.3146903	-.068576	.0120956	97.76136	1.424838
Stddev	.0167322	.006482	.0014573	.002719	.0050556	2.79416	.040374
%RSD	4.711246	14.51957	.4630904	3.965519	41.79679	2.858145	2.833608
#1	.3481417	-.037539	.3160535	-.071507	.0159157	99.06258	1.442914
#2	.3430693	-.046152	.3148632	-.068086	.0140085	99.66759	1.453016
#3	.3742516	-.050236	.3131543	-.066134	.0063627	94.55390	1.378584

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049136	.0072489	19.27967	.2447243	.1671145	.7140125	301.4377
Stddev	.0002211	.0004752	.48775	.0060316	.0003528	.0222413	8.4789
%RSD	4.499004	6.556145	2.529889	2.464637	.2111004	3.114971	2.812833
#1	.0049044	.0071871	19.50118	.2493591	.1667150	.7204864	305.1985
#2	.0051391	.0068075	19.61735	.2469090	.1672452	.7322986	307.3858
#3	.0046972	.0077519	18.72046	.2379048	.1673832	.6892525	291.7289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.149061	54.33410	.3198268	-.023436	1.260826	.6380873	.8427519
Stddev	.164709	1.29275	.0005971	.001101	.249939	.0131177	.0258787
%RSD	2.678602	2.379259	.1866888	4.699909	19.82343	2.055789	3.070732
#1	6.227953	54.86677	.3203604	-.022293	1.315216	.6443887	.8601768
#2	6.259486	55.27541	.3199382	-.023525	.988171	.6468654	.8550629
#3	5.959745	52.86013	.3191819	-.024491	1.479091	.6230079	.8130160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.53378	5.547540	.2781106	-.001006	.8650573	4.983345	.0092750
Stddev	.47735	.014861	.0079876	.000349	.0099161	.125404	.0030807
%RSD	3.072968	.2678920	2.872091	34.68467	1.146297	2.516453	33.21480
#1	15.66447	5.534225	.2825596	-.000786	.8615735	5.036878	.0119765
#2	15.93218	5.563573	.2828829	-.001408	.8573531	5.073097	.0059200
#3	15.00470	5.544822	.2688892	-.000824	.8762452	4.840059	.0099285

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-09DLX2 Acquired: 11/09/2024 19:38:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4W6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.657913	.0841061	.2322815
Stddev	.080149	.0017982	.0065385
%RSD	3.015472	2.138017	2.814893
#1	2.692795	.0841762	.2351040
#2	2.714710	.0858682	.2369347
#3	2.566235	.0822739	.2248059

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1179.841	31041.99	3151.860	1109.920	2039.431
Stddev	1.723	748.36	68.580	30.362	4.240
%RSD	.1460034	2.410788	2.175842	2.735498	.2078890
#1	1179.078	30486.71	3122.662	1089.781	2035.222
#2	1178.631	30746.23	3102.712	1095.137	2043.701
#3	1181.813	31893.03	3230.207	1144.842	2039.371

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-10DLX2 Acquired: 11/09/2024 19:43:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2446516	-.045193	.3285987	-.059723	.0153744	92.18213	1.175179
Stddev	.0064786	.001259	.0015882	.010351	.0060127	.20125	.000657
%RSD	2.648095	2.785720	.4833386	17.33188	39.10863	.2183216	.0558784
#1	.2435663	-.046428	.3273762	-.055484	.0193803	92.39783	1.174807
#2	.2387842	-.045240	.3280261	-.052165	.0182824	91.99940	1.174793
#3	.2516043	-.043912	.3303939	-.071521	.0084605	92.14915	1.175937

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044409	.0070783	19.43122	.2454751	.1364998	.7874677	285.5661
Stddev	.0001854	.0001826	.06373	.0013496	.0014220	.0051421	.7840
%RSD	4.174390	2.579347	.3279909	.5497940	1.041733	.6529978	.2745338
#1	.0043626	.0068751	19.44026	.2469018	.1357176	.7926199	285.2830
#2	.0046526	.0071314	19.36346	.2453050	.1356406	.7874474	284.9629
#3	.0043076	.0072285	19.48996	.2442187	.1381411	.7823357	286.4523

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.282793	52.23142	.2810645	-.021342	.9652958	.5718077	.8547585
Stddev	.007350	.06433	.0008039	.000514	.1117084	.0029112	.0039909
%RSD	.1391366	.1231607	.2860209	2.409402	11.57245	.5091152	.4669024
#1	5.274325	52.30558	.2808916	-.021220	1.044384	.5730003	.8528248
#2	5.286540	52.19798	.2819408	-.020899	.837505	.5739331	.8593479
#3	5.287515	52.19070	.2803612	-.021906	1.013999	.5684896	.8521029

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.90605	5.296834	.2654097	-.000818	.9977226	5.398105	.0094078
Stddev	.06581	.027304	.0010513	.000934	.0035228	.017599	.0023442
%RSD	.4732254	.5154775	.3961065	114.1664	.3530846	.3260207	24.91753
#1	13.95516	5.274164	.2666076	-.001879	.9971567	5.406585	.0089796
#2	13.83128	5.289193	.2646404	-.000449	.9945170	5.377872	.0119365
#3	13.93172	5.327144	.2649810	-.000125	1.001494	5.409859	.0073071

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-10DLX2 Acquired: 11/09/2024 19:43:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.642614	.0789179	.2136462
Stddev	.004630	.0013551	.0006835
%RSD	.1751890	1.717116	.3199099
#1	2.637321	.0775476	.2144307
#2	2.644614	.0802573	.2131799
#3	2.645908	.0789489	.2133278

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.420	30548.28	3105.906	1093.144	2049.696
Stddev	2.751	60.40	2.980	5.938	1.042
%RSD	.2340813	.1977194	.0959340	.5432166	.0508172
#1	1174.061	30582.82	3102.619	1091.733	2049.940
#2	1173.613	30478.54	3108.430	1088.039	2050.593
#3	1178.587	30583.49	3106.669	1099.661	2048.554

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-11DLX2 Acquired: 11/09/2024 19:47:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3134402	-.038984	.2753473	-.065071	.0111120	88.24931	1.653105
Stddev	.0120807	.008329	.0084484	.004650	.0035127	.04458	.004512
%RSD	3.854213	21.36388	3.068285	7.146644	31.61205	.0505198	.2729243
#1	.3267328	-.035887	.2779643	-.067510	.0108674	88.28568	1.656883
#2	.3104574	-.048418	.2821776	-.059708	.0147406	88.19957	1.648110
#3	.3031303	-.032648	.2659001	-.067994	.0077279	88.26268	1.654323

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045095	.0062217	17.93623	.2294295	.1518148	.7937496	281.5670
Stddev	.0001925	.0003601	.05328	.0007081	.0014369	.0052445	.7461
%RSD	4.269568	5.787970	.2970568	.3086582	.9464881	.6607231	.2649830
#1	.0044596	.0065753	17.97248	.2286637	.1502702	.7939683	280.9838
#2	.0043469	.0062343	17.87505	.2295643	.1531118	.7988813	281.3095
#3	.0047221	.0058554	17.96114	.2300606	.1520624	.7883992	282.4078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.801121	45.66687	.2705774	-.021681	.9734614	.6090585	.7185744
Stddev	.039961	.05363	.0015722	.000330	.1197586	.0075947	.0026509
%RSD	.4540429	.1174392	.5810393	1.522691	12.30234	1.246966	.3689169
#1	8.799018	45.67077	.2692121	-.021677	1.094750	.6167304	.7215996
#2	8.762253	45.71844	.2722962	-.022013	.970341	.6015433	.7166573
#3	8.842092	45.61139	.2702239	-.021353	.855293	.6089018	.7174663

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.74899	4.255319	.2616005	-.001239	.7795594	5.278691	.0073406
Stddev	.10732	.020047	.0035880	.001099	.0050753	.022152	.0023418
%RSD	.6814129	.4710980	1.371547	88.69416	.6510427	.4196578	31.90249
#1	15.83925	4.245018	.2604992	-.002220	.7834591	5.254404	.0099682
#2	15.77738	4.278422	.2586923	-.001447	.7738211	5.297787	.0065800
#3	15.63033	4.242517	.2656101	-.000051	.7813979	5.283882	.0054736

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-11DLX2 Acquired: 11/09/2024 19:47:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.656043	.0799049	.2382871
Stddev	.007436	.0012526	.0002459
%RSD	.2799468	1.567593	.1032176
#1	2.653156	.0795003	.2380101
#2	2.650484	.0789046	.2383714
#3	2.664489	.0813098	.2384798

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1178.270	30535.38	3109.644	1095.870	2056.796
Stddev	3.273	94.44	6.745	6.724	3.945
%RSD	.2777960	.3092957	.2169040	.6135681	.1917925
#1	1175.210	30430.15	3114.428	1088.107	2054.023
#2	1177.878	30612.79	3101.930	1099.601	2055.053
#3	1181.722	30563.20	3112.574	1099.900	2061.312

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-12DLX2 Acquired: 11/09/2024 19:52:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3720151	-.051392	.4244990	-.083829	.0145318	96.39146	1.281249
Stddev	.0066917	.001654	.0073924	.008042	.0012833	.28878	.002681
%RSD	1.798761	3.217451	1.741449	9.593835	8.831374	.2995942	.2092512
#1	.3725542	-.050929	.4275980	-.074682	.0136706	96.66023	1.282572
#2	.3784209	-.050020	.4160615	-.089795	.0160067	96.08614	1.278164
#3	.3650702	-.053228	.4298376	-.087009	.0139180	96.42802	1.283012

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057502	.0106680	15.66024	.2689034	.1739594	1.198981	347.3598
Stddev	.0000523	.0001408	.09059	.0008500	.0006551	.006248	1.0722
%RSD	.9092780	1.319518	.5784902	.3160912	.3765871	.5210884	.3086763
#1	.0057722	.0108202	15.72594	.2686695	.1735818	1.196325	348.0586
#2	.0057879	.0106413	15.69789	.2698459	.1735806	1.194500	346.1253
#3	.0056905	.0105425	15.55690	.2681949	.1747159	1.206118	347.8956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.734712	48.37716	.3025350	-.025307	1.059646	.7252352	.9906197
Stddev	.037373	.23746	.0017832	.000147	.391249	.0118796	.0033435
%RSD	.4278657	.4908411	.5894255	.5816569	36.92266	1.638037	.3375180
#1	8.766443	48.57492	.3017546	-.025384	.859605	.7348095	.9941008
#2	8.693517	48.11381	.3045754	-.025400	.808862	.7289555	.9903250
#3	8.744175	48.44276	.3012750	-.025137	1.510471	.7119407	.9874333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.31232	5.068471	.3171691	-.000875	.6656146	5.511848	.0105747
Stddev	.08515	.006758	.0011961	.000662	.0057122	.028050	.0033786
%RSD	.4192056	.1333248	.3771061	75.67277	.8581910	.5089006	31.95007
#1	20.21403	5.075767	.3158019	-.001431	.6600701	5.541250	.0140375
#2	20.35921	5.067220	.3180219	-.001052	.6652927	5.485381	.0103997
#3	20.36372	5.062427	.3176835	-.000142	.6714810	5.508914	.0072870

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-12DLX2 Acquired: 11/09/2024 19:52:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.392042	.0799781	.1622975
Stddev	.011993	.0035841	.0006585
%RSD	.3535652	4.481376	.4057185
#1	3.401191	.0769624	.1628416
#2	3.378465	.0790313	.1615655
#3	3.396472	.0839406	.1624854

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1181.588	30634.48	3135.544	1093.794	2028.101
Stddev	2.058	63.86	17.539	1.666	2.804
%RSD	.1741448	.2084417	.5593455	.1523296	.1382731
#1	1183.963	30561.11	3117.163	1091.983	2029.859
#2	1180.462	30677.45	3152.097	1094.137	2029.576
#3	1180.338	30664.89	3137.371	1095.262	2024.867

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-13DLX2 Acquired: 11/09/2024 19:56:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2581746	-.049135	.2825018	-.065583	.0074940	92.28001	1.246881
Stddev	.0005535	.007405	.0052743	.014879	.0023845	.32311	.006512
%RSD	.2143903	15.07008	1.867002	22.68756	31.81847	.3501355	.5222980
#1	.2587779	-.057063	.2885554	-.078720	.0092348	92.62377	1.253762
#2	.2580555	-.042398	.2800522	-.068604	.0047762	91.98255	1.240813
#3	.2576903	-.047944	.2788977	-.049425	.0084711	92.23372	1.246069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055951	.0062069	15.88654	.2566950	.1715497	.8165431	309.3255
Stddev	.0002083	.0001466	.15132	.0010101	.0001618	.0083895	1.1947
%RSD	3.722419	2.361815	.9524961	.3934988	.0943315	1.027442	.3862403
#1	.0053821	.0061861	16.06123	.2559875	.1716928	.8139888	310.5684
#2	.0057983	.0063628	15.79597	.2562456	.1715823	.8259129	308.1855
#3	.0056051	.0060719	15.80242	.2578518	.1713741	.8097277	309.2225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.172749	44.48237	.2922279	-.023923	1.119249	.6004534	.7191950
Stddev	.034642	.24687	.0012619	.000598	.228884	.0060654	.0035771
%RSD	.4238686	.5549889	.4318157	2.501591	20.44976	1.010130	.4973803
#1	8.209466	44.67269	.2932096	-.023517	.926809	.5937304	.7223036
#2	8.168134	44.20342	.2926695	-.023642	1.058584	.6055148	.7199963
#3	8.140645	44.57101	.2908046	-.024610	1.372354	.6021148	.7152852

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.49542	4.750372	.2843092	-.001162	.5802950	5.833954	.0079785
Stddev	.16292	.025587	.0034961	.000358	.0084728	.012924	.0011010
%RSD	.7949200	.5386231	1.229678	30.83520	1.460087	.2215366	13.80008
#1	20.41629	4.776657	.2875641	-.001575	.5775878	5.848750	.0083634
#2	20.38718	4.748911	.2806137	-.000930	.5897906	5.828243	.0088354
#3	20.68279	4.725547	.2847499	-.000982	.5735066	5.824869	.0067367

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-13DLX2 Acquired: 11/09/2024 19:56:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.022300	.0841536	.1559808
Stddev	.012828	.0004667	.0004068
%RSD	.4244305	.5545528	.2608233
#1	3.035081	.0841651	.1564006
#2	3.009426	.0846144	.1555883
#3	3.022395	.0836812	.1559536

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1190.841	30769.12	3124.177	1100.687	2055.282
Stddev	1.498	76.04	9.329	6.746	4.331
%RSD	.1258088	.2471279	.2986168	.6128600	.2107485
#1	1190.661	30698.44	3113.598	1094.268	2054.363
#2	1192.422	30759.35	3127.706	1100.075	2059.999
#3	1189.441	30849.57	3131.228	1107.717	2051.483

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-14DLX2 Acquired: 11/09/2024 20:00:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3296750	-.054521	.3110220	-.077290	.0107407	111.5925	1.376276
Stddev	.0093791	.001949	.0062540	.007790	.0017034	.5347	.005331
%RSD	2.844947	3.575264	2.010793	10.07842	15.85893	.4791503	.3873254
#1	.3387248	-.054411	.3038558	-.071380	.0091746	110.9760	1.371547
#2	.3199981	-.052628	.3138330	-.086117	.0125543	111.8723	1.382052
#3	.3303020	-.056522	.3153773	-.074374	.0104933	111.9293	1.375229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065125	.0057219	24.70541	.2870837	.1866727	.7514565	340.5037
Stddev	.0000908	.0002011	.07067	.0013346	.0014312	.0048426	2.1580
%RSD	1.393765	3.514890	.2860369	.4648886	.7667121	.6444237	.6337810
#1	.0066173	.0059338	24.62551	.2858291	.1858306	.7471805	338.0175
#2	.0064631	.0056982	24.75972	.2869360	.1883252	.7567150	341.8935
#3	.0064572	.0055337	24.73099	.2884860	.1858622	.7504739	341.6000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.581209	53.88379	.3366576	-.026369	1.558967	.7067820	1.162139
Stddev	.038537	.05639	.0009559	.000587	.144592	.0111363	.001755
%RSD	.5083174	.1046493	.2839294	2.226579	9.274879	1.575641	.1510162
#1	7.543237	53.82945	.3365720	-.025782	1.706690	.6939832	1.162507
#2	7.620287	53.94203	.3357474	-.026956	1.552486	.7121032	1.163681
#3	7.580103	53.87988	.3376534	-.026369	1.417724	.7142595	1.160229

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.56847	5.936683	.3285800	-.001134	1.213289	5.285404	.0082464
Stddev	.20226	.026321	.0005759	.000795	.003975	.050790	.0004997
%RSD	.8232692	.4433657	.1752595	70.14374	.3276475	.9609391	6.059651
#1	24.34885	5.908364	.3283680	-.000609	1.211400	5.235712	.0085650
#2	24.60945	5.960399	.3292318	-.002049	1.217856	5.283277	.0076705
#3	24.74711	5.941287	.3281402	-.000743	1.210610	5.337224	.0085038

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-14DLX2 Acquired: 11/09/2024 20:00:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.811433	.0982864	.2394944
Stddev	.012428	.0016102	.0011179
%RSD	.4420690	1.638235	.4667589
#1	2.797110	.0975867	.2384478
#2	2.819363	.0971445	.2393635
#3	2.817828	.1001281	.2406720

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.207	30949.18	3139.546	1104.794	2029.104
Stddev	4.013	107.01	22.133	4.494	.770
%RSD	.3363007	.3457591	.7049815	.4067747	.0379553
#1	1194.205	30851.05	3165.086	1101.124	2029.989
#2	1196.626	30933.22	3127.584	1103.452	2028.590
#3	1188.789	31063.28	3125.968	1109.806	2028.733

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-15DLX2 Acquired: 11/09/2024 20:05:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8687274	-.056483	.5644222	-.080316	.0120569	145.4625	.7872526
Stddev	.0045640	.001198	.0104134	.005694	.0036349	.5734	.0046115
%RSD	.5253611	2.121655	1.844960	7.089827	30.14797	.3941965	.5857727
#1	.8674015	-.057791	.5658426	-.084515	.0161024	146.1205	.7925770
#2	.8649732	-.056219	.5533716	-.082598	.0090657	145.0694	.7846538
#3	.8738075	-.055438	.5740525	-.073835	.0110025	145.1977	.7845270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040325	.0073776	108.4343	.2349778	.2603048	.5527228	340.8196
Stddev	.0003733	.0003282	.5238	.0009300	.0013417	.0090179	1.1579
%RSD	9.258511	4.448015	.4830202	.3957741	.5154393	1.631547	.3397362
#1	.0041073	.0071928	109.0347	.2342302	.2591442	.5628323	342.1565
#2	.0043628	.0071836	108.1970	.2360192	.2599964	.5498292	340.1640
#3	.0036274	.0077565	108.0711	.2346842	.2617739	.5455067	340.1381

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.235322	78.59256	.2471979	-.022059	1.595412	.6313706	2.120339
Stddev	.043459	.30570	.0009871	.000182	.051786	.0086801	.005867
%RSD	.5277126	.3889740	.3993240	.8246514	3.245942	1.374810	.2767122
#1	8.281068	78.94554	.2469839	-.022121	1.556882	.6413400	2.115447
#2	8.230313	78.41810	.2463353	-.021854	1.575074	.6272825	2.126844
#3	8.194584	78.41402	.2482744	-.022202	1.654279	.6254894	2.118727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.869809	5.105474	.3086716	-.003376	14.52623	4.788025	.0024165
Stddev	.087508	.032154	.0028243	.000504	.02848	.009906	.0021921
%RSD	.8866193	.6297951	.9149783	14.92115	.1960625	.2068868	90.71664
#1	9.969595	5.069309	.3118533	-.002797	14.50037	4.777753	.0019577
#2	9.833686	5.116280	.3064607	-.003717	14.55675	4.788805	.0048017
#3	9.806146	5.130834	.3077010	-.003614	14.52157	4.797518	.0004900

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-15DLX2 Acquired: 11/09/2024 20:05:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.405443	.0843773	.1866636
Stddev	.020880	.0018122	.0006919
%RSD	.6131370	2.147759	.3706942
#1	3.429446	.0827895	.1874607
#2	3.391472	.0839909	.1863130
#3	3.395412	.0863516	.1862172

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1165.298	30458.65	3105.314	1080.778	1959.403
Stddev	2.554	59.12	.938	3.090	1.483
%RSD	.2192107	.1940989	.0302192	.2859338	.0756749
#1	1162.885	30455.30	3105.556	1083.292	1957.706
#2	1167.974	30401.28	3106.108	1077.328	1960.445
#3	1165.033	30519.38	3104.278	1081.714	1960.059

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-16DLX2 Acquired: 11/09/2024 20:09:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1553279	-.048348	.1650175	-.064169	.0086290	128.6741	1.161311
Stddev	.0096604	.002787	.0021774	.013884	.0041932	.2741	.001632
%RSD	6.219381	5.763776	1.319506	21.63638	48.59506	.2129897	.1405670
#1	.1450447	-.048063	.1627833	-.070096	.0097455	128.8561	1.162773
#2	.1642133	-.045714	.1671333	-.048306	.0121509	128.8074	1.161609
#3	.1567258	-.051266	.1651359	-.074106	.0039905	128.3589	1.159550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045856	.0032532	43.77783	.3367256	.1598320	.5592047	288.4472
Stddev	.0000935	.0006831	.17522	.0012274	.0001073	.0023031	.8304
%RSD	2.039295	20.99750	.4002596	.3645207	.0671321	.4118537	.2878774
#1	.0046917	.0026440	43.88912	.3380858	.1597115	.5615802	289.2399
#2	.0045498	.0031240	43.86852	.3357006	.1599170	.5569816	288.5179
#3	.0045152	.0039917	43.57585	.3363905	.1598677	.5590523	287.5837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.659000	71.21835	.3046668	-.021318	1.031205	.6280276	.5874130
Stddev	.034415	.51312	.0016914	.000297	.355452	.0040082	.0028092
%RSD	.5168145	.7204845	.5551729	1.391501	34.46954	.6382159	.4782382
#1	6.688205	71.36143	.3066053	-.021583	1.409412	.6261417	.5889086
#2	6.667735	71.64474	.3034914	-.021372	.980181	.6326309	.5841724
#3	6.621059	70.64888	.3039036	-.020997	.704023	.6253103	.5891580

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.38936	3.888937	.2706485	-.000614	.8641454	5.290634	.0053656
Stddev	.07240	.016900	.0023161	.000274	.0034082	.018317	.0029083
%RSD	.3733960	.4345585	.8557792	44.61648	.3944050	.3462203	54.20288
#1	19.40947	3.874738	.2711567	-.000322	.8630543	5.288316	.0087019
#2	19.44958	3.884442	.2681205	-.000653	.8679656	5.310000	.0033657
#3	19.30903	3.907629	.2726684	-.000866	.8614164	5.273586	.0040291

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-16DLX2 Acquired: 11/09/2024 20:09:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.738592	.0942863	.2069905
Stddev	.002839	.0010497	.0008975
%RSD	.1036605	1.113344	.4335890
#1	2.739586	.0952062	.2077465
#2	2.740801	.0945099	.2072263
#3	2.735390	.0931427	.2059987

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1169.456	30456.72	3097.537	1084.667	2009.662
Stddev	.833	60.89	14.095	1.964	1.337
%RSD	.0712691	.1999216	.4550293	.1811062	.0665284
#1	1169.859	30499.56	3099.355	1083.008	2010.225
#2	1170.010	30387.02	3082.621	1086.836	2010.625
#3	1168.497	30483.58	3110.634	1084.155	2008.136

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-17DLX2 Acquired: 11/09/2024 20:14:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3970752	-.049935	.3757441	-.077557	.0161188	92.49045	1.212351
Stddev	.0126872	.000647	.0058092	.011461	.0027122	.36433	.005128
%RSD	3.195159	1.295715	1.546047	14.77798	16.82596	.3939155	.4230053
#1	.3866297	-.050603	.3702292	-.083514	.0182849	92.15377	1.209736
#2	.3934023	-.049312	.3818085	-.064344	.0130770	92.87725	1.218260
#3	.4111936	-.049889	.3751945	-.084814	.0169946	92.44033	1.209058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059363	.0081301	16.38422	.2723800	.1939650	.9453239	342.6702
Stddev	.0002419	.0003531	.05876	.0011537	.0005744	.0053739	.8389
%RSD	4.075361	4.342872	.3586220	.4235781	.2961295	.5684766	.2448124
#1	.0061885	.0077243	16.41609	.2716370	.1940501	.9419258	341.7128
#2	.0057062	.0082996	16.42015	.2737092	.1944922	.9425263	343.2766
#3	.0059142	.0083665	16.31641	.2717940	.1933529	.9515195	343.0212

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.090861	46.28247	.3011605	-.025426	1.337009	.7181220	.8373681
Stddev	.023980	.03344	.0004977	.000643	.350893	.0211629	.0022524
%RSD	.3381817	.0722609	.1652701	2.530313	26.24464	2.946974	.2689897
#1	7.063220	46.25825	.3014455	-.024907	1.004149	.7046544	.8399671
#2	7.106114	46.26854	.3014503	-.025226	1.303365	.7425147	.8361539
#3	7.103247	46.32063	.3005858	-.026146	1.703512	.7071970	.8359833

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.21658	4.949154	.3140428	.0000474	1.132205	4.486543	.0076086
Stddev	.18123	.003774	.0018300	.0008305	.002875	.034997	.0020432
%RSD	.9431041	.0762542	.5827148	1751.567	.2539634	.7800433	26.85362
#1	19.13512	4.952983	.3151983	-.000119	1.135300	4.448486	.0093468
#2	19.42425	4.949043	.3149972	-.000687	1.131698	4.493803	.0081210
#3	19.09038	4.945438	.3119329	.000948	1.129617	4.517342	.0053580

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4524-17DLX2 Acquired: 11/09/2024 20:14:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.994775	.0817929	.1612633
Stddev	.011142	.0029120	.0004134
%RSD	.3720521	3.560188	.2563548
#1	2.985035	.0791813	.1609124
#2	3.006925	.0812644	.1617190
#3	2.992366	.0849329	.1611584

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1178.619	30655.40	3115.202	1097.630	2051.533
Stddev	3.890	91.45	17.903	3.762	2.907
%RSD	.3300526	.2983251	.5747091	.3427509	.1417032
#1	1174.287	30585.29	3135.873	1093.769	2048.324
#2	1181.814	30622.07	3104.628	1097.836	2053.990
#3	1179.757	30758.85	3105.104	1101.285	2052.286

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-01DLX2 Acquired: 11/09/2024 20:18:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2519342	-.040128	.3396763	-.060252	.0137575	128.0444	1.441045
Stddev	.0229637	.006995	.0030780	.007273	.0039035	.3528	.005853
%RSD	9.114950	17.43052	.9061615	12.07117	28.37391	.2754996	.4061892
#1	.2768775	-.032416	.3427953	-.068584	.0181427	128.4351	1.447127
#2	.2316714	-.046062	.3366410	-.056996	.0124675	127.7493	1.435450
#3	.2472536	-.041906	.3395927	-.055176	.0106622	127.9486	1.440558

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058110	.0081190	32.48373	.2448171	.1472830	1.103878	275.7864
Stddev	.0002737	.0002543	.08702	.0004825	.0005968	.012830	.7945
%RSD	4.710038	3.132568	.2678797	.1970880	.4052091	1.162281	.2880915
#1	.0061264	.0079138	32.58374	.2451436	.1475464	1.112822	276.7001
#2	.0056709	.0080396	32.42536	.2442629	.1465998	1.109635	275.4006
#3	.0056357	.0084035	32.44209	.2450448	.1477027	1.089178	275.2584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.121252	50.70982	.2789163	-.019116	1.008130	.4996702	.9114216
Stddev	.013381	.34457	.0016221	.000477	.277866	.0113993	.0025109
%RSD	.2185994	.6794853	.5815765	2.494389	27.56252	2.281363	.2754904
#1	6.130039	51.05245	.2782412	-.019110	1.159355	.5039314	.9107295
#2	6.105852	50.36335	.2807670	-.019596	1.177584	.4867542	.9142059
#3	6.127866	50.71365	.2777409	-.018642	.687450	.5083251	.9093293

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.32023	6.924848	.2665775	-.000624	1.230872	5.694046	.0083685
Stddev	.12501	.011287	.0009606	.000576	.004461	.025810	.0045537
%RSD	.5140238	.1629931	.3603350	92.23131	.3624170	.4532755	54.41519
#1	24.24328	6.918989	.2654869	-.000043	1.231531	5.718543	.0054885
#2	24.25294	6.917695	.2672981	-.000635	1.234966	5.696497	.0059986
#3	24.46447	6.937860	.2669474	-.001194	1.226118	5.667099	.0136184

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-01DLX2 Acquired: 11/09/2024 20:18:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.565794	.1024096	.2488397
Stddev	.004018	.0017333	.0006921
%RSD	.1565809	1.692490	.2781510
#1	2.568013	.1043426	.2492278
#2	2.561156	.1018927	.2480406
#3	2.568213	.1009936	.2492508

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1180.346	30565.93	3135.240	1092.938	2025.972
Stddev	.934	31.97	10.980	3.214	.154
%RSD	.0791618	.1046019	.3501980	.2941083	.0075787
#1	1180.768	30586.49	3125.602	1094.555	2026.000
#2	1180.995	30582.20	3132.925	1089.236	2026.110
#3	1179.275	30529.09	3147.192	1095.022	2025.807

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-02DLX2 Acquired: 11/09/2024 20:23:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2711370	-.047985	.3553281	-.053922	.0111450	92.24346	1.269171
Stddev	.0042071	.003811	.0034014	.006846	.0031799	2.87755	.036816
%RSD	1.551634	7.941103	.9572444	12.69563	28.53195	3.119512	2.900758
#1	.2681260	-.052361	.3552233	-.050944	.0145145	94.04733	1.293169
#2	.2693411	-.046193	.3519804	-.049069	.0107237	93.75809	1.287562
#3	.2759440	-.045401	.3587807	-.061752	.0081968	88.92496	1.226784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046050	.0094809	19.64581	.2180493	.1310101	1.139255	263.3205
Stddev	.0000476	.0006392	.53103	.0013425	.0004606	.038554	7.2611
%RSD	1.034240	6.741974	2.703012	.6156815	.3515885	3.384102	2.757516
#1	.0045758	.0089488	20.03625	.2193102	.1305406	1.163446	268.4340
#2	.0045794	.0093041	19.86006	.2166379	.1310283	1.159523	266.5180
#3	.0046600	.0101899	19.04113	.2181999	.1314613	1.094794	255.0094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.703067	43.71769	.2430554	-.019555	1.218441	.4821222	.8677906
Stddev	.166266	1.19310	.0017982	.000899	.255590	.0119196	.0014007
%RSD	2.915377	2.729110	.7398469	4.599440	20.97680	2.472312	.1614103
#1	5.814274	44.42359	.2416806	-.019500	1.512193	.4837671	.8690986
#2	5.782996	44.38933	.2423953	-.020480	1.046893	.4931338	.8663127
#3	5.511930	42.34016	.2450904	-.018684	1.096238	.4694656	.8679604

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.40130	4.613645	.2427913	-.001300	.5942200	5.114987	.0043454
Stddev	.60127	.025208	.0068407	.001034	.0101399	.134913	.0012394
%RSD	3.267538	.5463732	2.817500	79.58128	1.706425	2.637606	28.52265
#1	18.87347	4.596758	.2482417	-.000222	.5833429	5.201610	.0053319
#2	18.60603	4.601556	.2450173	-.001392	.5959055	5.183809	.0029542
#3	17.72440	4.642620	.2351149	-.002285	.6034115	4.959542	.0047499

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-02DLX2 Acquired: 11/09/2024 20:23:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.987368	.0758840	.2246875
Stddev	.090683	.0006073	.0069782
%RSD	3.035561	.8002989	3.105726
#1	3.042563	.0753115	.2289146
#2	3.036833	.0765209	.2285149
#3	2.882708	.0758195	.2166331

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1181.803	30649.12	3173.415	1098.424	2047.777
Stddev	.571	144.19	77.809	3.407	1.571
%RSD	.0483315	.4704525	2.451915	.3101916	.0767008
#1	1181.882	30483.20	3121.044	1094.531	2047.620
#2	1181.197	30744.12	3136.377	1099.885	2049.420
#3	1182.331	30720.03	3262.824	1100.858	2046.291

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCV047 Acquired: 11/09/2024 20:27:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.152745	4.850774	24.89346	4.840162	4.942942	409.3244	10.21637
Stddev	.031711	.008643	.07030	.022334	.005587	.6116	.02617
%RSD	.6154181	.1781872	.2823873	.4614247	.1130273	.1494095	.2561157
#1	5.154075	4.860511	24.96903	4.830983	4.948829	409.9738	10.24558
#2	5.120390	4.844010	24.83002	4.865622	4.942284	409.2398	10.20842
#3	5.183770	4.847800	24.88134	4.823880	4.937714	408.7595	10.19509

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5054495	2.496636	407.8480	15.61138	2.514744	15.31845	415.6264
Stddev	.0025964	.007048	1.1683	.05989	.006955	.02884	1.0962
%RSD	.5136823	.2822811	.2864563	.3836547	.2765823	.1883013	.2637521
#1	.5044142	2.504713	409.1846	15.58077	2.522323	15.35158	416.6675
#2	.5084038	2.491741	407.3381	15.68039	2.508653	15.30482	414.4823
#3	.5035305	2.493454	407.0213	15.57298	2.513257	15.29894	415.7293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98967	414.1621	2.492488	1.250856	409.6728	2.505477	15.01583
Stddev	.07712	1.3931	.003833	.002091	1.2792	.015755	.06704
%RSD	.5144630	.3363753	.1537917	.1671858	.3122602	.6288078	.4464811
#1	15.07859	415.4585	2.496874	1.252256	411.1449	2.518707	14.98731
#2	14.94942	412.6891	2.489776	1.251860	408.8312	2.509676	15.09242
#3	14.94101	414.3388	2.490815	1.248452	409.0423	2.488049	14.96776

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.0191	4.919141	5.166263	4.890825	5.120499	5.068146	5.044813
Stddev	.1111	.020911	.023444	.005209	.014670	.013862	.014721
%RSD	.0707638	.4251042	.4537876	.1065101	.2864930	.2735130	.2918052
#1	157.0749	4.939170	5.187517	4.892848	5.137269	5.079797	5.061570
#2	156.8912	4.920808	5.170157	4.894718	5.110043	5.071824	5.033963
#3	157.0913	4.897446	5.141117	4.884907	5.114186	5.052815	5.038905

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCV047 Acquired: 11/09/2024 20:27:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV047 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.020298	5.094848	5.124967
Stddev	.009289	.012497	.009128
%RSD	.1850341	.2452876	.1781051
#1	5.020874	5.107004	5.135504
#2	5.010734	5.082036	5.119474
#3	5.029286	5.095505	5.119923

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	939.0783	26479.85	2788.536	835.3066	1672.510
Stddev	.7545	94.16	8.456	4.3063	4.985
%RSD	.0803445	.3555929	.3032411	.5155333	.2980284
#1	938.2369	26499.59	2783.433	837.5325	1668.587
#2	939.6946	26377.39	2783.878	830.3429	1678.119
#3	939.3033	26562.58	2798.297	838.0444	1670.824

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCB047 Acquired: 11/09/2024 20:31:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043659	-.004313	-.003245	-.005839	.0010241	.0306299	-.000321
Stddev	.0025767	.001015	.004340	.007087	.0022727	.0112234	.000487
%RSD	59.02000	23.53404	133.7392	121.3701	221.9154	36.64191	151.4843
#1	.0040662	-.005347	-.004499	-.007600	.0036121	.0176794	-.000259
#2	.0019521	-.004273	-.006821	.001962	-.000646	.0366846	-.000837
#3	.0070793	-.003318	.001584	-.011880	.000107	.0375258	.000131

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	.0001263	.0407970	.0010378	.0005307	.0017198	-.007469
Stddev	.000047	.0000837	.0153611	.0003281	.0001092	.0057398	.011047
%RSD	114.9685	66.22394	37.65251	31.61467	20.57665	333.7536	147.9144
#1	-.000036	.0000637	.0307345	.0014091	.0004736	-.004851	.005040
#2	.000003	.0002213	.0331782	.0009176	.0006566	.005757	-.011557
#3	-.000090	.0000939	.0584782	.0007868	.0004619	.004253	-.015890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011745	.0102065	.0001963	.0008470	-.167003	.0007578	.0009953
Stddev	.0010468	.1201068	.0002594	.0010030	.171314	.0080277	.0002197
%RSD	89.12718	1176.763	132.1376	118.4155	102.5810	1059.332	22.07577
#1	.0006592	.0003442	.0003230	.0020048	-.363611	-.002051	.0011019
#2	.0004852	.1349404	-.000102	.0002896	-.087602	-.005488	.0011413
#3	.0023790	-.104665	.000368	.0002465	-.049796	.009812	.0007426

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1021730	.0023731	.0052635	.0005381	-.001497	.0005682	.0013969
Stddev	.0871181	.0007724	.0016433	.0007236	.002902	.0006671	.0000657
%RSD	85.26530	32.54623	31.22106	134.4760	193.8623	117.4146	4.702994
#1	.1851834	.0024167	.0057959	-.000133	-.004634	.0013162	.0014383
#2	.0114588	.0031228	.0065747	.000443	-.000949	.0000346	.0014311
#3	.1098769	.0015799	.0034200	.001304	.001092	.0003537	.0013211

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCB047 Acquired: 11/09/2024 20:31:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB047 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008965	.0005993	.0002330
Stddev	.0012869	.0021323	.0000952
%RSD	143.5365	355.7985	40.85581
#1	.0016417	.0022023	.0001381
#2	.0016374	-.001821	.0003285
#3	-.000589	.001416	.0002326

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1132.990	28844.88	2883.876	1038.691	2198.012
Stddev	11.190	496.42	97.152	18.607	22.683
%RSD	.9876644	1.720982	3.368810	1.791372	1.031970
#1	1120.216	28275.76	2867.175	1018.192	2172.050
#2	1137.697	29070.23	2988.296	1043.366	2207.996
#3	1141.059	29188.64	2796.157	1054.514	2213.992

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-03DLX2 Acquired: 11/09/2024 20:36:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2554184	-.039680	.3538954	-.058380	.0166189	80.95783	1.162987
Stddev	.0047760	.005076	.0016821	.007108	.0015185	.13916	.003792
%RSD	1.869866	12.79354	.4753045	12.17532	9.137275	.1718956	.3260688
#1	.2577119	-.043435	.3548520	-.064027	.0183723	81.08701	1.166629
#2	.2499282	-.041700	.3519532	-.060713	.0157539	80.81047	1.159061
#3	.2586149	-.033904	.3548810	-.050398	.0157305	80.97601	1.163270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043395	.0074709	17.21983	.2008302	.1352008	.8241114	258.6192
Stddev	.0000870	.0003410	.04280	.0016622	.0012260	.0006964	.4661
%RSD	2.005587	4.564364	.2485324	.8276742	.9068040	.0845067	.1802097
#1	.0043041	.0073861	17.21127	.1990129	.1337860	.8236304	258.9163
#2	.0042757	.0071803	17.18196	.2022738	.1358644	.8237939	258.0820
#3	.0044386	.0078463	17.26626	.2012039	.1359519	.8249100	258.8591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.365016	40.88882	.2536081	-.020258	.9097295	.4931099	.8462611
Stddev	.009321	.37778	.0003419	.000294	.1655959	.0047320	.0029247
%RSD	.1737341	.9239265	.1348048	1.450088	18.20277	.9596346	.3456038
#1	5.368321	40.81155	.2535224	-.020450	1.099011	.4877733	.8459878
#2	5.354492	40.55564	.2533173	-.020403	.838569	.4967945	.8434826
#3	5.372233	41.29926	.2539847	-.019920	.791608	.4947619	.8493129

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.68806	4.671068	.2439777	.0000000	.9209144	4.723175	.0114624
Stddev	.12820	.014121	.0011014	.0004901	.0038559	.009580	.0019702
%RSD	.8171870	.3023123	.4514572	63e6	.4187048	.2028376	17.18827
#1	15.66172	4.663486	.2446236	.0005580	.9228317	4.731383	.0135903
#2	15.57508	4.662357	.2427059	-.000361	.9164757	4.725494	.0110954
#3	15.82739	4.687361	.2446036	-.000197	.9234359	4.712648	.0097016

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-03DLX2 Acquired: 11/09/2024 20:36:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Y9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.745182	.0695060	.2048518
Stddev	.014875	.0006686	.0005266
%RSD	.5418401	.9619877	.2570466
#1	2.750468	.0688414	.2051608
#2	2.728387	.0694980	.2042438
#3	2.756692	.0701787	.2051508

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.766	30596.34	3081.192	1087.398	2055.673
Stddev	2.188	58.07	3.204	3.838	3.101
%RSD	.1861129	.1898078	.1039998	.3529594	.1508429
#1	1174.822	30610.92	3077.703	1088.709	2054.803
#2	1178.268	30645.74	3084.005	1090.408	2059.115
#3	1174.208	30532.37	3081.868	1083.076	2053.100

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-04DLX2 Acquired: 11/09/2024 20:40:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1742717	-.031889	.2289182	-.039816	.0101310	85.01739	1.141205
Stddev	.0119514	.002511	.0044437	.006147	.0033741	.18516	.002005
%RSD	6.857889	7.874913	1.941189	15.43878	33.30484	.2177899	.1756836
#1	.1607740	-.034104	.2287141	-.035763	.0104270	85.17256	1.138928
#2	.1785315	-.032404	.2245801	-.046889	.0133474	84.81242	1.142708
#3	.1835095	-.029161	.2334605	-.036796	.0066186	85.06720	1.141978

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039327	.0045436	20.30456	.1676689	.0946106	.5251913	202.0341
Stddev	.0000906	.0001219	.12352	.0013597	.0013914	.0022107	.7690
%RSD	2.304078	2.682669	.6083405	.8109255	1.470633	.4209336	.3806096
#1	.0039656	.0044540	20.26012	.1676228	.0956584	.5262990	201.8193
#2	.0038302	.0046824	20.44415	.1663329	.0930320	.5226457	202.8876
#3	.0040022	.0044944	20.20941	.1690510	.0951415	.5266292	201.3954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.475445	36.41924	.1812726	-.015569	.6632794	.3813598	.6857887
Stddev	.009615	.19313	.0006702	.000218	.0274794	.0038017	.0028606
%RSD	.2148390	.5303081	.3697114	1.399059	4.142964	.9968836	.4171266
#1	4.468844	36.61800	.1818200	-.015354	.6535689	.3833961	.6856860
#2	4.486476	36.40743	.1814726	-.015790	.6419737	.3769736	.6829808
#3	4.471013	36.23228	.1805252	-.015562	.6942957	.3837095	.6886993

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.40700	4.474284	.1997153	-.000355	1.049998	5.352455	.0089409
Stddev	.09937	.004663	.0013859	.000354	.005671	.002312	.0046992
%RSD	.5398384	.1042221	.6939400	99.62861	.5400932	.0431898	52.55888
#1	18.34151	4.473944	.1988016	-.000757	1.044705	5.353725	.0133780
#2	18.52134	4.469800	.1990344	-.000216	1.055983	5.353854	.0094274
#3	18.35815	4.479108	.2013100	-.000092	1.049307	5.349787	.0040174

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-04DLX2 Acquired: 11/09/2024 20:40:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.880242	.0687565	.1951269
Stddev	.003090	.0029967	.0004181
%RSD	.1643216	4.358382	.2142593
#1	1.877609	.0679986	.1954275
#2	1.879473	.0662115	.1946494
#3	1.883643	.0720593	.1953037

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.535	30339.35	3081.502	1085.947	2073.936
Stddev	1.445	72.56	12.204	2.048	2.678
%RSD	.1228997	.2391501	.3960406	.1886223	.1291274
#1	1174.907	30278.40	3074.212	1083.890	2070.847
#2	1174.511	30320.05	3074.702	1087.987	2075.347
#3	1177.188	30419.61	3095.591	1085.964	2075.613

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-05DLX2 Acquired: 11/09/2024 20:45:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1998701	-.033971	.2564625	-.052045	.0081072	97.51790	1.218645
Stddev	.0106745	.003963	.0037459	.002666	.0013403	.74679	.008053
%RSD	5.340699	11.66585	1.460620	5.122121	16.53196	.7657975	.6608223
#1	.1901516	-.029561	.2524829	-.051251	.0076361	98.28823	1.224128
#2	.2112950	-.035119	.2569847	-.049867	.0070661	97.46837	1.222408
#3	.1981636	-.037233	.2599200	-.055018	.0096195	96.79711	1.209399

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047100	.0060539	25.98124	.2029294	.1139288	.8221593	220.9408
Stddev	.0002076	.0002078	.19224	.0017277	.0008319	.0056167	1.3506
%RSD	4.406843	3.431782	.7399221	.8513673	.7301973	.6831619	.6112987
#1	.0046586	.0059575	26.13216	.2035962	.1148681	.8238002	222.2465
#2	.0049385	.0059118	26.04674	.2009677	.1136333	.8267728	221.0265
#3	.0045331	.0062924	25.76480	.2042244	.1132849	.8159049	219.5494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.978319	40.38901	.2208549	-.016105	.7299261	.4266140	.7456650
Stddev	.038097	.39966	.0003562	.000681	.1721751	.0076032	.0014060
%RSD	.7652599	.9895379	.1612921	4.229176	23.58802	1.782208	.1885577
#1	5.015846	40.53361	.2209806	-.016715	.5494177	.4276893	.7465688
#2	4.979435	40.69625	.2204528	-.016230	.7480221	.4185305	.7463810
#3	4.939676	39.93717	.2211312	-.015370	.8923385	.4336223	.7440451

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.48916	5.276992	.2166077	-.000516	1.017333	5.442489	.0073868
Stddev	.20844	.018244	.0026133	.000872	.007601	.018612	.0058084
%RSD	.9699816	.3457250	1.206450	168.9987	.7471020	.3419796	78.63242
#1	21.72935	5.297047	.2194626	-.000491	1.024814	5.463320	.0012054
#2	21.38241	5.261380	.2143338	.000343	1.017567	5.436650	.0127315
#3	21.35571	5.272551	.2160269	-.001401	1.009618	5.427496	.0082234

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-05DLX2 Acquired: 11/09/2024 20:45:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.298367	.0789104	.2060830
Stddev	.017495	.0002302	.0014936
%RSD	.7612033	.2917550	.7247682
#1	2.313321	.0788095	.2076078
#2	2.302652	.0791739	.2060185
#3	2.279127	.0787480	.2046226

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1178.657	30544.93	3105.966	1095.283	2059.201
Stddev	1.927	15.18	12.508	3.275	3.497
%RSD	.1635180	.0497041	.4027192	.2990405	.1698263
#1	1177.026	30530.51	3096.065	1092.582	2056.052
#2	1178.162	30560.78	3101.808	1094.342	2058.586
#3	1180.784	30543.50	3120.023	1098.926	2062.965

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-06DLX2 Acquired: 11/09/2024 20:49:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2420944	-.041707	.3190525	-.046946	.0158465	112.0923	1.319621
Stddev	.0108292	.001882	.0020926	.002237	.0005014	.3676	.003058
%RSD	4.473135	4.512531	.6558667	4.765306	3.164291	.3279713	.2317130
#1	.2463498	-.042389	.3207012	-.045808	.0159444	112.4060	1.322714
#2	.2501496	-.039579	.3197579	-.045507	.0162917	111.6878	1.316600
#3	.2297839	-.043152	.3166984	-.049524	.0153033	112.1831	1.319548

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049938	.0064478	21.44639	.2145734	.1272593	.7244702	267.3105
Stddev	.0002108	.0003778	.09774	.0009815	.0005758	.0080195	1.0371
%RSD	4.221595	5.859001	.4557408	.4574161	.4524895	1.106950	.3879861
#1	.0052209	.0068675	21.50518	.2154261	.1267132	.7332541	268.1075
#2	.0049562	.0061351	21.33356	.2147936	.1272039	.7175396	266.1379
#3	.0048043	.0063407	21.50042	.2135005	.1278609	.7226171	267.6862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.428551	45.59227	.2313534	-.020821	1.000721	.4868675	.8696536
Stddev	.030331	.11031	.0006606	.000399	.158640	.0140782	.0030162
%RSD	.5587380	.2419380	.2855234	1.916318	15.85255	2.891586	.3468256
#1	5.454417	45.66352	.2315121	-.021093	.915826	.5029043	.8693891
#2	5.395168	45.64807	.2319201	-.021007	1.183743	.4765443	.8667784
#3	5.436070	45.46521	.2306279	-.020363	.902594	.4811540	.8727934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.58299	5.638601	.2504979	.0004625	.8786056	4.057617	.0096385
Stddev	.10234	.014835	.0010448	.0003894	.0115938	.023074	.0005732
%RSD	.5225780	.2631044	.4170920	84.19916	1.319573	.5686510	5.946825
#1	19.64243	5.630125	.2514869	.0008695	.8815640	4.076851	.0102581
#2	19.46482	5.655731	.2494050	.0000934	.8658192	4.032033	.0095301
#3	19.64171	5.629947	.2506017	.0004247	.8884336	4.063966	.0091272

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-06DLX2 Acquired: 11/09/2024 20:49:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.376596	.0877215	.2376607
Stddev	.013676	.0007328	.0008017
%RSD	.5754236	.8353987	.3373173
#1	2.385999	.0873835	.2382525
#2	2.360908	.0885623	.2367484
#3	2.382882	.0872186	.2379813

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1181.794	30746.64	3132.239	1105.008	2057.739
Stddev	2.641	53.66	15.105	6.088	2.228
%RSD	.2234666	.1745356	.4822483	.5509212	.1082564
#1	1184.403	30796.23	3120.783	1110.892	2059.922
#2	1181.856	30754.03	3149.358	1105.397	2055.469
#3	1179.122	30689.67	3126.577	1098.736	2057.826

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-07DLX2 Acquired: 11/09/2024 20:53:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3147649	-.039964	.3571106	-.046012	.0141662	74.58801	.8831882
Stddev	.0073816	.004496	.0016304	.001665	.0016140	.37281	.0051901
%RSD	2.345126	11.24951	.4565658	3.618505	11.39348	.4998255	.5876522
#1	.3162364	-.034884	.3578507	-.046454	.0135129	75.01358	.8890571
#2	.3212999	-.041577	.3582396	-.047410	.0160045	74.43141	.8792031
#3	.3067583	-.043430	.3552413	-.044170	.0129813	74.31904	.8813043

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041181	.0073606	15.34793	.1870543	.1061154	.7219766	243.6164
Stddev	.0001861	.0002079	.06086	.0006622	.0004924	.0065999	1.3292
%RSD	4.519732	2.824658	.3965347	.3540164	.4639914	.9141373	.5456289
#1	.0039035	.0071673	15.39418	.1867208	.1060847	.7248629	245.0441
#2	.0042152	.0075806	15.37064	.1878170	.1056391	.7266416	243.3906
#3	.0042356	.0073340	15.27899	.1866252	.1066224	.7144252	242.4145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.262001	33.97020	.1896516	-.017871	1.125657	.4406066	.8347419
Stddev	.014646	.16386	.0001095	.000565	.157081	.0039657	.0017871
%RSD	.3436305	.4823559	.0577382	3.164085	13.95461	.9000571	.2140959
#1	4.277360	34.15144	.1897662	-.018519	.998439	.4451438	.8357926
#2	4.260452	33.92660	.1895481	-.017624	1.077301	.4388741	.8326784
#3	4.248192	33.83255	.1896404	-.017472	1.301231	.4378020	.8357548

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.73375	4.345120	.2276527	.0009466	.7047931	3.802543	.0109385
Stddev	.13488	.005910	.0026529	.0006069	.0054133	.030054	.0019171
%RSD	.9154426	.1360147	1.165331	64.11012	.7680745	.7903671	17.52666
#1	14.86191	4.338388	.2305319	.0014377	.7000902	3.833552	.0100331
#2	14.74629	4.349455	.2271189	.0011341	.7035786	3.800531	.0131406
#3	14.59303	4.347518	.2253072	.0002681	.7107106	3.773545	.0096416

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-07DLX2 Acquired: 11/09/2024 20:53:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.267189	.0578238	.1472735
Stddev	.013364	.0017945	.0007951
%RSD	.5894449	3.103395	.5398926
#1	2.282610	.0571260	.1481461
#2	2.258987	.0598624	.1470843
#3	2.259971	.0564830	.1465900

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1173.110	30392.39	3076.450	1088.795	2081.369
Stddev	3.100	16.50	20.025	2.663	2.403
%RSD	.2642472	.0542900	.6509183	.2445441	.1154488
#1	1175.187	30410.92	3055.264	1087.537	2082.269
#2	1174.596	30386.92	3079.021	1091.853	2083.192
#3	1169.547	30379.31	3095.066	1086.993	2078.646

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-08DLX2 Acquired: 11/09/2024 20:58:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2364873	-.041487	.3245133	-.052042	.0139344	105.5161	1.229818
Stddev	.0143010	.005776	.0030277	.003443	.0019721	.5074	.005571
%RSD	6.047240	13.92143	.9330109	6.616309	14.15252	.4808433	.4530164
#1	.2466875	-.042754	.3260401	-.048118	.0118485	104.9549	1.225310
#2	.2426336	-.046525	.3264737	-.053449	.0141864	105.6509	1.228099
#3	.2201406	-.035184	.3210261	-.054558	.0157685	105.9424	1.236047

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049445	.0081132	20.66271	.2016956	.1227595	.9377463	242.9084
Stddev	.0002300	.0000945	.17833	.0017876	.0011551	.0087082	1.7662
%RSD	4.651935	1.165005	.8630374	.8862926	.9409732	.9286279	.7271111
#1	.0051550	.0080496	20.52554	.2031177	.1233667	.9293271	241.0198
#2	.0046990	.0080683	20.59830	.2022802	.1234845	.9371948	243.1858
#3	.0049795	.0082218	20.86430	.1996889	.1214274	.9467172	244.5194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.934661	42.26089	.2273167	-.018766	.8504898	.4627806	.8631218
Stddev	.028885	.33639	.0017374	.000280	.2259787	.0085574	.0031877
%RSD	.4867131	.7959859	.7643075	1.491746	26.57042	1.849132	.3693255
#1	5.904380	41.90097	.2293006	-.018929	.7952226	.4705629	.8664048
#2	5.937692	42.31435	.2265835	-.018443	.6572716	.4536163	.8629220
#3	5.961911	42.56735	.2260661	-.018926	1.098975	.4641626	.8600387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.53164	4.470691	.2300697	.0004077	.9736731	4.655941	.0107410
Stddev	.28127	.012661	.0015289	.0005683	.0030851	.028911	.0017996
%RSD	1.369924	.2831944	.6645197	139.3835	.3168538	.6209568	16.75469
#1	20.21754	4.484636	.2285803	-.000145	.9704683	4.623200	.0095815
#2	20.61712	4.459918	.2299938	.000990	.9766227	4.666664	.0098275
#3	20.76024	4.467517	.2316352	.000378	.9739282	4.677959	.0128142

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-08DLX2 Acquired: 11/09/2024 20:58:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.094419	.0858423	.1902081
Stddev	.012590	.0003728	.0009875
%RSD	.6011422	.4343163	.5191520
#1	2.080200	.0857779	.1890687
#2	2.098905	.0855058	.1907393
#3	2.104153	.0862431	.1908162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1183.541	30638.25	3129.924	1096.724	2055.925
Stddev	1.940	95.97	20.546	3.329	3.264
%RSD	.1639530	.3132472	.6564274	.3035655	.1587661
#1	1184.318	30600.03	3152.844	1094.068	2054.986
#2	1181.333	30567.27	3123.767	1095.645	2053.233
#3	1184.973	30747.44	3113.161	1100.459	2059.555

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-09DLX2 Acquired: 11/09/2024 21:02:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2636651	-.038364	.4053448	-.043383	.0125123	78.88229	.9186386
Stddev	.0148676	.001183	.0031824	.007180	.0028666	.11686	.0007518
%RSD	5.638814	3.083888	.7851121	16.55016	22.91054	.1481464	.0818373
#1	.2765757	-.039072	.4016855	-.043315	.0153162	79.01699	.9186857
#2	.2474102	-.039022	.4074658	-.050596	.0095868	78.80796	.9193657
#3	.2670095	-.036998	.4068832	-.036237	.0126339	78.82193	.9178643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039732	.0075343	16.08834	.1815601	.1082252	.9979993	229.5532
Stddev	.0002369	.0002509	.02429	.0057836	.0007113	.0060062	.3421
%RSD	5.962432	3.330373	.1509937	3.185472	.6572752	.6018276	.1490127
#1	.0039766	.0074381	16.11317	.1856635	.1083449	1.002723	229.9458
#2	.0042083	.0073457	16.08723	.1840714	.1088691	.991240	229.3198
#3	.0037346	.0078191	16.06463	.1749454	.1074616	1.000035	229.3939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.520455	35.18882	.1895040	-.017926	1.077006	.4289842	.8417490
Stddev	.005970	.13464	.0015159	.002103	.156911	.0097876	.0211785
%RSD	.1320560	.3826325	.7999198	11.73200	14.56915	2.281576	2.516014
#1	4.522659	35.26821	.1910517	-.016926	1.176112	.4183004	.8549676
#2	4.525009	35.26490	.1894381	-.016509	.896097	.4311340	.8529576
#3	4.513697	35.03336	.1880221	-.020343	1.158808	.4375182	.8173217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.60921	4.161804	.2120540	.0002822	.6455941	5.297268	.0094294
Stddev	.08742	.020843	.0007458	.0006639	.0060184	.049772	.0025143
%RSD	.5600587	.5008200	.3516834	235.2500	.9322207	.9395694	26.66493
#1	15.65721	4.185667	.2112047	-.000078	.6397127	5.330715	.0082173
#2	15.50831	4.147159	.2126017	-.000123	.6453288	5.321020	.0077507
#3	15.66213	4.152587	.2123557	.001048	.6517407	5.240070	.0123202

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-09DLX2 Acquired: 11/09/2024 21:02:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.576927	.0633488	.1492318
Stddev	.004110	.0014186	.0001787
%RSD	.1594905	2.239266	.1197269
#1	2.579706	.0649419	.1494156
#2	2.578870	.0628824	.1490588
#3	2.572206	.0622223	.1492209

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1171.696	30801.90	3087.540	1100.492	2066.326
Stddev	2.957	733.54	7.524	19.429	3.540
%RSD	.2523973	2.381467	.2436898	1.765504	.1713265
#1	1169.779	30377.83	3082.792	1089.461	2063.195
#2	1175.102	30378.96	3083.613	1089.089	2070.167
#3	1170.207	31648.92	3096.215	1122.926	2065.615

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-10DLX2 Acquired: 11/09/2024 21:07:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3738536	-.038339	.3880417	-.050971	.0124758	85.70501	1.017580
Stddev	.0135817	.001141	.0037232	.009501	.0028098	1.63198	.018713
%RSD	3.632890	2.977260	.9594939	18.63898	22.52210	1.904187	1.838986
#1	.3613327	-.038123	.3864619	-.056447	.0093543	85.61808	1.017860
#2	.3882922	-.037321	.3853688	-.056466	.0132704	84.11822	.998729
#3	.3719358	-.039573	.3922944	-.040001	.0148028	87.37872	1.036152

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046177	.0077600	16.07815	.1888324	.1185975	1.077272	243.5762
Stddev	.0002369	.0003532	.35322	.0016462	.0004884	.015471	4.3997
%RSD	5.131114	4.552096	2.196901	.8717826	.4117819	1.436140	1.806289
#1	.0045429	.0074105	16.13822	.1881900	.1188018	1.076799	243.3069
#2	.0044272	.0081169	15.69875	.1876043	.1180402	1.062043	239.3173
#3	.0048831	.0077526	16.39749	.1907029	.1189506	1.092975	248.1043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.096935	38.08456	.2000144	-.017573	1.116600	.4601571	.8620357
Stddev	.112540	.83358	.0003077	.000375	.044888	.0034632	.0108839
%RSD	2.208002	2.188749	.1538362	2.133841	4.020028	.7526145	1.262583
#1	5.089258	37.89595	.1996911	-.017859	1.109959	.4635164	.8567181
#2	4.988430	37.36145	.2003036	-.017713	1.164438	.4565985	.8548328
#3	5.213118	38.99628	.2000487	-.017149	1.075402	.4603563	.8745561

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.40676	4.207360	.2258154	-.000083	.5453900	4.602774	.0099735
Stddev	.43546	.005722	.0052605	.000265	.0126829	.089702	.0011026
%RSD	2.501689	.1359980	2.329546	319.1880	2.325469	1.948871	11.05485
#1	17.36545	4.211703	.2275972	-.000192	.5307473	4.609749	.0103429
#2	16.99342	4.209501	.2198955	-.000277	.5529329	4.509787	.0087337
#3	17.86141	4.200876	.2299537	.000219	.5524898	4.688784	.0108440

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-10DLX2 Acquired: 11/09/2024 21:07:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.573313	.0691886	.1626798
Stddev	.051297	.0012272	.0031090
%RSD	1.993407	1.773728	1.911091
#1	2.573775	.0683502	.1627309
#2	2.521788	.0705971	.1595456
#3	2.624378	.0686183	.1657629

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1182.733	30445.71	3083.512	1085.977	2068.404
Stddev	4.643	293.22	52.967	11.910	4.245
%RSD	.3925361	.9630825	1.717735	1.096752	.2052173
#1	1177.612	30601.06	3075.106	1092.174	2072.207
#2	1183.922	30628.57	3140.179	1093.513	2063.825
#3	1186.666	30107.51	3035.252	1072.246	2069.181

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-11DLX2 Acquired: 11/09/2024 21:11:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3818351	-.038882	.3942579	-.049916	.0144703	86.67410	1.032025
Stddev	.0147473	.003201	.0052454	.007251	.0015373	.18518	.004091
%RSD	3.862211	8.233503	1.330453	14.52549	10.62372	.2136500	.3963768
#1	.3715497	-.040568	.4002915	-.051869	.0161442	86.63110	1.031581
#2	.3987311	-.035190	.3907816	-.055989	.0141449	86.87699	1.036320
#3	.3752246	-.040887	.3917007	-.041889	.0131218	86.51420	1.028175

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043973	.0080776	16.13882	.1900572	.1212800	1.081439	246.0276
Stddev	.0003247	.0003156	.08625	.0012991	.0002941	.004098	1.1783
%RSD	7.384495	3.907501	.5344262	.6835480	.2424950	.3788988	.4789438
#1	.0046294	.0084404	16.11004	.1885575	.1215679	1.081059	245.3754
#2	.0045362	.0079261	16.23579	.1907764	.1209801	1.085713	247.3878
#3	.0040262	.0078662	16.07065	.1908377	.1212919	1.077545	245.3195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.173912	38.48890	.2033779	-.018692	.7861952	.4608211	.8712226
Stddev	.015334	.11890	.0003743	.000293	.3811180	.0032070	.0022974
%RSD	.2963801	.3089196	.1840376	1.566147	48.47626	.6959271	.2637000
#1	5.167992	38.35570	.2038087	-.018876	.5537643	.4600497	.8705589
#2	5.191324	38.58434	.2031927	-.018354	1.226035	.4580702	.8737788
#3	5.162421	38.52665	.2031323	-.018845	.578786	.4643434	.8693300

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.55659	4.316115	.2276629	-.000072	.5688977	4.801624	.0115606
Stddev	.13723	.011518	.0021276	.000785	.0029854	.010045	.0015661
%RSD	.7816584	.2668587	.9345248	1092.978	.5247672	.2092054	13.54652
#1	17.68271	4.303989	.2262611	.000569	.5719260	4.795171	.0099167
#2	17.57662	4.326909	.2301110	.000163	.5659572	4.813197	.0117300
#3	17.41045	4.317446	.2266165	-.000947	.5688099	4.796502	.0130350

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-11DLX2 Acquired: 11/09/2024 21:11:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.619834	.0693005	.1640671
Stddev	.009741	.0011089	.0004558
%RSD	.3718049	1.600196	.2777882
#1	2.616039	.0693341	.1641128
#2	2.630901	.0703922	.1644983
#3	2.612562	.0681751	.1635902

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1182.066	30727.79	3078.197	1096.488	2068.710
Stddev	1.315	18.73	10.343	2.284	2.542
%RSD	.1112471	.0609406	.3360165	.2082674	.1228902
#1	1180.842	30727.23	3080.496	1094.630	2070.137
#2	1183.456	30709.35	3066.897	1095.795	2065.775
#3	1181.901	30746.79	3087.197	1099.037	2070.217

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-10LDLX10 Acquired: 11/09/2024 21:16:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0844704	-.010790	.0789241	-.015051	.0037626	17.93828	.2155096
Stddev	.0080188	.001205	.0012115	.001823	.0034868	.04180	.0014735
%RSD	9.493001	11.16425	1.535010	12.11013	92.66981	.2329973	.6837240
#1	.0927531	-.012173	.0796203	-.013099	.0068758	17.95867	.2157881
#2	.0767446	-.009969	.0775252	-.016708	.0044170	17.96596	.2168240
#3	.0839135	-.010229	.0796268	-.015347	-.000005	17.89020	.2139167

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007553	.0015154	3.392052	.0409445	.0238876	.2299322	52.10200
Stddev	.0000845	.0001730	.013607	.0007900	.0006208	.0049054	.11297
%RSD	11.18969	11.41752	.4011579	1.929485	2.598848	2.133417	.2168261
#1	.0007914	.0013210	3.385832	.0400402	.0246013	.2335067	51.97437
#2	.0006587	.0016524	3.407657	.0415010	.0234727	.2243396	52.14244
#3	.0008157	.0015728	3.382665	.0412923	.0235887	.2319502	52.18918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.088992	7.933796	.0408711	-.004269	-.204691	.0974300	.1840626
Stddev	.007202	.021765	.0001630	.000157	.231794	.0052676	.0005573
%RSD	.6613575	.2743318	.3987590	3.670710	113.2409	5.406589	.3027646
#1	1.097249	7.932768	.0409096	-.004100	-.094710	.0917385	.1844788
#2	1.084004	7.912564	.0410114	-.004298	-.048361	.1021340	.1842796
#3	1.085724	7.956057	.0406923	-.004409	-.471003	.0984176	.1834295

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.568017	.8446805	.0467381	-.000939	.1157423	.9951509	-.000250
Stddev	.031497	.0088437	.0015900	.000591	.0151764	.0013943	.001756
%RSD	.8827710	1.046987	3.402016	62.91618	13.11225	.1401070	701.9050
#1	3.595914	.8476374	.0473905	-.001548	.1126247	.9950607	-.001368
#2	3.574277	.8347372	.0449257	-.000369	.1322355	.9938040	-.001156
#3	3.533859	.8516669	.0478983	-.000899	.1023668	.9965882	.001774

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-10LDLX10 Acquired: 11/09/2024 21:16:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5437530	.0137194	.0339422
Stddev	.0050939	.0018059	.0002692
%RSD	.9368066	13.16320	.7931228
#1	.5490643	.0138211	.0342435
#2	.5432860	.0118649	.0338577
#3	.5389086	.0154724	.0337254

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1153.157	29545.50	2943.826	1064.080	2161.761
Stddev	.586	60.65	16.969	.885	5.053
%RSD	.0508505	.2052813	.5764400	.0831728	.2337490
#1	1152.668	29528.98	2963.221	1065.092	2155.926
#2	1152.995	29494.82	2931.714	1063.449	2164.695
#3	1153.807	29612.70	2936.543	1063.699	2164.661

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-12DLX2 Acquired: 11/09/2024 21:20:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4542084	.0572848	.4412664	.1131002	.1842824	92.07091	4.964954
Stddev	.0006342	.0032931	.0040814	.0099254	.0022253	.31858	.012458
%RSD	.1396357	5.748724	.9249181	8.775733	1.207550	.3460206	.2509278
#1	.4548398	.0575606	.4395407	.1026954	.1863715	91.70936	4.950638
#2	.4542139	.0538624	.4383313	.1141410	.1845336	92.31045	4.970884
#3	.4535713	.0604314	.4459271	.1224641	.1819422	92.19293	4.973340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0993444	.1057091	16.78604	.6034237	1.096186	1.552195	255.4884
Stddev	.0007461	.0004395	.09346	.0025279	.002842	.010119	.9879
%RSD	.7510111	.4157244	.5567923	.4189275	.2592915	.6519063	.3866708
#1	.0985199	.1053030	16.67976	.6039345	1.094298	1.540623	254.3484
#2	.0999731	.1056485	16.82291	.6006794	1.094805	1.556577	256.0929
#3	.0995400	.1061756	16.85544	.6056572	1.099455	1.559384	256.0240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.302029	39.63784	1.180890	.0735214	1.034372	1.451370	1.735114
Stddev	.040337	.10000	.002700	.0005098	.267285	.003444	.012083
%RSD	.6400653	.2522919	.2286112	.6933457	25.84031	.2373152	.6964035
#1	6.255516	39.55107	1.178218	.0741097	.855181	1.453699	1.726853
#2	6.323175	39.61523	1.180838	.0732430	.906347	1.452997	1.748982
#3	6.327396	39.74721	1.183616	.0732115	1.341590	1.447413	1.729506

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.69231	4.377732	.2368679	-.001769	.5840146	4.965583	.0105474
Stddev	.17678	.013096	.0010570	.000502	.0071080	.028434	.0025001
%RSD	.9991764	.2991523	.4462470	28.37918	1.217091	.5726237	23.70371
#1	17.52323	4.388186	.2366522	-.001357	.5816406	4.933599	.0124257
#2	17.87589	4.381968	.2380162	-.002329	.5920057	4.987997	.0115068
#3	17.67780	4.363043	.2359354	-.001622	.5783974	4.975154	.0077096

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-12DLX2 Acquired: 11/09/2024 21:20:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.681167	.0720243	.1671090
Stddev	.006534	.0017191	.0011311
%RSD	.2436877	2.386829	.6768497
#1	2.677200	.0712611	.1658194
#2	2.688708	.0739929	.1675750
#3	2.677593	.0708190	.1679327

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1172.755	30612.95	3092.713	1093.172	2061.813
Stddev	3.515	84.50	14.585	3.349	1.070
%RSD	.2997463	.2760267	.4716006	.3063554	.0518913
#1	1169.532	30581.15	3109.383	1096.042	2061.188
#2	1176.503	30708.73	3086.452	1089.493	2063.048
#3	1172.229	30548.96	3082.303	1093.981	2061.202

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-13DLX2 Acquired: 11/09/2024 21:24:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2374505	-.034972	.3572119	-.052144	.0091185	90.84500	1.053882
Stddev	.0049935	.002928	.0015382	.007961	.0016131	.31630	.005683
%RSD	2.102981	8.373479	.4306038	15.26655	17.69009	.3481705	.5392757
#1	.2431689	-.033097	.3555854	-.061289	.0073048	91.20774	1.060309
#2	.2339510	-.038347	.3574074	-.046762	.0103927	90.62681	1.051818
#3	.2352315	-.033473	.3586430	-.048383	.0096578	90.70044	1.049519

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042719	.0072778	20.04622	.1812042	.1128919	.9100477	222.0781
Stddev	.0000602	.0004017	.02229	.0011522	.0007290	.0047151	.7755
%RSD	1.408441	5.519749	.1112019	.6358475	.6457808	.5181193	.3492199
#1	.0042476	.0070709	20.07104	.1808163	.1121051	.9135119	222.9731
#2	.0043404	.0077408	20.03972	.1802961	.1130260	.9046780	221.6561
#3	.0042277	.0070218	20.02790	.1825003	.1135446	.9119532	221.6051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.731197	38.22740	.1917423	-.016632	.7995017	.4161237	.8935592
Stddev	.020974	.24775	.0002192	.000031	.0722188	.0091636	.0010296
%RSD	.4433072	.6480888	.1143168	.1866501	9.032982	2.202136	.1152186
#1	4.754838	38.48224	.1915141	-.016602	.8822723	.4191922	.8927599
#2	4.714823	37.98741	.1919513	-.016630	.7493227	.4058196	.8947210
#3	4.723932	38.21257	.1917615	-.016664	.7669099	.4233592	.8931968

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.49486	4.959542	.2109657	-.000688	1.066876	5.535235	.0090329
Stddev	.07451	.014068	.0007750	.000230	.005915	.016635	.0041684
%RSD	.4258951	.2836627	.3673563	33.40350	.5544274	.3005221	46.14753
#1	17.58063	4.949131	.2113376	-.000867	1.071992	5.553076	.0109251
#2	17.45780	4.953949	.2114846	-.000429	1.060399	5.532477	.0119196
#3	17.44613	4.975547	.2100748	-.000770	1.068236	5.520152	.0042539

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-13DLX2 Acquired: 11/09/2024 21:24:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.241722	.0716095	.1704516
Stddev	.011655	.0007434	.0004030
%RSD	.5199252	1.038091	.2364397
#1	2.251518	.0716588	.1708885
#2	2.244816	.0708426	.1700944
#3	2.228832	.0723269	.1703720

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.407	30549.46	3076.457	1093.310	2068.295
Stddev	1.345	67.86	12.749	3.162	2.719
%RSD	.1144629	.2221307	.4144054	.2892585	.1314513
#1	1173.934	30481.97	3063.612	1095.529	2067.221
#2	1175.716	30548.73	3076.652	1089.689	2066.278
#3	1176.572	30617.69	3089.107	1094.712	2071.387

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-14DLX2 Acquired: 11/09/2024 21:29:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2751498	-.042903	.3428838	-.053517	.0098769	108.0898	1.528481
Stddev	.0160890	.003896	.0044966	.011130	.0020135	.0326	.003043
%RSD	5.847347	9.081077	1.311421	20.79621	20.38587	.0301143	.1990905
#1	.2789924	-.038405	.3469805	-.042347	.0112765	108.1239	1.531639
#2	.2574874	-.045195	.3435980	-.053600	.0107849	108.0862	1.525567
#3	.2889695	-.045110	.3380727	-.064605	.0075693	108.0591	1.528238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050887	.0072800	23.88839	.2311258	.1346194	.9424032	272.5320
Stddev	.0000337	.0003099	.09440	.0022463	.0002511	.0051997	.1764
%RSD	.6618258	4.257263	.3951608	.9719117	.1865530	.5517529	.0647135
#1	.0050503	.0071343	23.96234	.2310803	.1348332	.9384226	272.7288
#2	.0051029	.0076359	23.78206	.2289025	.1343429	.9405008	272.4790
#3	.0051131	.0070697	23.92076	.2333945	.1346823	.9482862	272.3882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.023778	47.88870	.2623329	-.020791	1.088623	.5197319	.8738691
Stddev	.030278	.14642	.0006120	.000952	.263382	.0116804	.0171183
%RSD	.4310795	.3057523	.2332752	4.580409	24.19402	2.247384	1.958906
#1	7.058738	48.05319	.2620359	-.020677	.784855	.5227846	.8798236
#2	7.006029	47.84031	.2630367	-.021795	1.227723	.5068283	.8545688
#3	7.006565	47.77259	.2619262	-.019901	1.253292	.5295828	.8872150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.23811	5.580942	.2584381	-.000472	1.298517	5.260389	.0076855
Stddev	.19708	.013712	.0021241	.000359	.016046	.039293	.0009647
%RSD	.9279615	.2456862	.8218903	76.02688	1.235725	.7469670	12.55258
#1	21.35224	5.576366	.2603921	-.000189	1.280146	5.277717	.0086248
#2	21.35155	5.570103	.2561773	-.000875	1.309793	5.215410	.0066972
#3	21.01054	5.596356	.2587449	-.000351	1.305610	5.288040	.0077343

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-14DLX2 Acquired: 11/09/2024 21:29:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.486621	.0875654	.2106277
Stddev	.001917	.0011817	.0005268
%RSD	.0770932	1.349539	.2501299
#1	2.485193	.0863138	.2112224
#2	2.485870	.0886620	.2102196
#3	2.488799	.0877205	.2104409

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1187.722	30885.94	3102.057	1106.131	2049.223
Stddev	4.511	344.98	8.822	14.979	3.471
%RSD	.3798301	1.116948	.2844062	1.354184	.1693882
#1	1189.210	30736.16	3091.885	1099.128	2051.523
#2	1191.302	31280.50	3107.624	1123.329	2050.916
#3	1182.655	30641.16	3106.662	1095.937	2045.231

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-15DLX2 Acquired: 11/09/2024 21:33:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3243277	-.053969	.3267074	-.074741	.0144019	107.2584	1.437707
Stddev	.0030065	.003910	.0007284	.004811	.0047146	.4992	.008029
%RSD	.9270064	7.245357	.2229401	6.437166	32.73578	.4653924	.5584898
#1	.3272679	-.049989	.3259149	-.072687	.0106212	107.5727	1.442157
#2	.3212589	-.057806	.3273476	-.080239	.0128999	106.6828	1.428438
#3	.3244563	-.054111	.3268596	-.071298	.0196844	107.5197	1.442526

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058465	.0082352	20.90135	.2872754	.1765392	.8185782	335.5619
Stddev	.0002642	.0003944	.15067	.0006866	.0001519	.0050694	1.5200
%RSD	4.519116	4.789284	.7208608	.2390072	.0860125	.6192900	.4529768
#1	.0056067	.0081932	20.92777	.2873291	.1763639	.8140553	335.6918
#2	.0058030	.0086490	20.73921	.2865635	.1766289	.8240577	333.9810
#3	.0061297	.0078636	21.03706	.2879335	.1766248	.8176217	337.0127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.869439	48.25183	.3095510	-.026688	1.247181	.6507256	.8851296
Stddev	.047067	.31057	.0016438	.000562	.088251	.0013273	.0006326
%RSD	.6851592	.6436433	.5310231	2.107684	7.075996	.2039731	.0714736
#1	6.869878	48.41158	.3098173	-.027030	1.153444	.6513434	.8855204
#2	6.822154	47.89390	.3077903	-.026039	1.259436	.6516314	.8843997
#3	6.916284	48.45000	.3110454	-.026996	1.328664	.6492020	.8854687

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.28582	5.222443	.3121690	-.001330	.8866019	5.212517	.0090918
Stddev	.10039	.016444	.0036141	.000296	.0022062	.026313	.0037854
%RSD	.4948785	.3148681	1.157738	22.25750	.2488322	.5047949	41.63533
#1	20.40135	5.236406	.3115589	-.001662	.8855276	5.221291	.0077886
#2	20.23624	5.204318	.3088988	-.001093	.8891394	5.182939	.0061303
#3	20.21987	5.226605	.3160494	-.001234	.8851386	5.233322	.0133567

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-15DLX2 Acquired: 11/09/2024 21:33:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Z9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.978580	.0832430	.2154997
Stddev	.012153	.0025593	.0008878
%RSD	.4080293	3.074476	.4119588
#1	2.989157	.0816864	.2163143
#2	2.965304	.0818458	.2145534
#3	2.981280	.0861968	.2156314

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1190.180	30945.79	3151.325	1103.575	2036.166
Stddev	2.083	141.79	9.765	.229	4.087
%RSD	.1750158	.4581964	.3098799	.0207643	.2007296
#1	1191.298	31022.18	3146.541	1103.522	2036.715
#2	1191.465	30782.19	3162.560	1103.377	2039.951
#3	1187.776	31033.02	3144.875	1103.826	2031.832

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-16DLX2 Acquired: 11/09/2024 21:38:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE500 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2616992	-.034572	.2685244	-.043766	.0102696	72.57312	1.033182
Stddev	.0043685	.002525	.0027473	.010624	.0013034	.16456	.002231
%RSD	1.669277	7.303212	1.023094	24.27391	12.69202	.2267550	.2159102
#1	.2584000	-.034842	.2687987	-.046078	.0091811	72.68536	1.033255
#2	.2600444	-.036950	.2656503	-.053044	.0099137	72.38421	1.030915
#3	.2666534	-.031922	.2711243	-.032177	.0117140	72.64979	1.035375

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036224	.0053285	13.64741	.1743651	.1081312	.5565040	219.4429
Stddev	.0001078	.0003578	.07674	.0006591	.0009744	.0044254	.6294
%RSD	2.974664	6.714389	.5622833	.3780019	.9011345	.7952178	.2868125
#1	.0037430	.0053011	13.57622	.1751261	.1091916	.5557053	218.8459
#2	.0035357	.0056991	13.63731	.1739857	.1072752	.5612744	219.3825
#3	.0035885	.0049852	13.72869	.1739834	.1079268	.5525323	220.1003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.995392	36.67231	.2184244	-.017479	.6859279	.4367276	.6721989
Stddev	.003041	.19986	.0004504	.000274	.2542003	.0028558	.0024084
%RSD	.0608676	.5449941	.2061947	1.568026	37.05933	.6539125	.3582941
#1	4.993241	36.44174	.2182566	-.017567	.9583419	.4336895	.6703825
#2	4.994064	36.77921	.2180821	-.017698	.4550598	.4393570	.6712832
#3	4.998870	36.79599	.2189346	-.017171	.6443819	.4371364	.6749308

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.27837	3.691936	.2041715	-.000619	.5913699	4.741940	.0088282
Stddev	.03484	.025003	.0023300	.000523	.0217614	.011390	.0035688
%RSD	.2623456	.6772236	1.141188	84.54015	3.679832	.2401931	40.42545
#1	13.28095	3.720604	.2016957	-.000256	.5672602	4.732127	.0129158
#2	13.24231	3.674647	.2044972	-.001219	.6095566	4.739265	.0063313
#3	13.31184	3.680557	.2063214	-.000382	.5972929	4.754430	.0072374

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-16DLX2 Acquired: 11/09/2024 21:38:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE500 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.317972	.0594685	.1524789
Stddev	.005732	.0014631	.0002950
%RSD	.2472751	2.460230	.1934622
#1	2.321790	.0605502	.1523178
#2	2.311381	.0578038	.1528194
#3	2.320744	.0600515	.1522996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1178.667	30439.99	3096.563	1089.745	2081.510
Stddev	3.235	53.44	12.620	5.902	2.268
%RSD	.2744916	.1755431	.4075485	.5416108	.1089619
#1	1181.500	30461.61	3108.699	1095.141	2082.519
#2	1175.141	30479.22	3097.479	1090.653	2083.099
#3	1179.361	30379.13	3083.509	1083.442	2078.913

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-17DLX2 Acquired: 11/09/2024 21:42:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE501 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3634568	-.052940	.4387307	-.068884	.0119293	116.9349	1.652750
Stddev	.0157415	.001769	.0028472	.003505	.0037182	.1281	.003293
%RSD	4.331039	3.340897	.6489506	5.088712	31.16848	.1095201	.1992269
#1	.3727757	-.054265	.4406786	-.072922	.0159205	117.0187	1.656550
#2	.3723126	-.050932	.4400504	-.067105	.0085635	116.9986	1.650961
#3	.3452821	-.053624	.4354632	-.066625	.0113038	116.7875	1.650740

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053012	.0101809	24.16705	.2639794	.1818516	1.251859	327.4879
Stddev	.0000740	.0000892	.08909	.0007047	.0001667	.004914	.6035
%RSD	1.396114	.8765939	.3686598	.2669475	.0916980	.3925474	.1842688
#1	.0053208	.0101125	24.19820	.2634055	.1818090	1.248040	327.6217
#2	.0052193	.0101483	24.23639	.2647659	.1817102	1.257403	326.8287
#3	.0053634	.0102818	24.06657	.2637668	.1820355	1.250133	328.0132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.934996	59.78920	.3614654	-.024508	1.260781	.6551471	.9725477
Stddev	.008890	.18646	.0008679	.000756	.240902	.0080543	.0054756
%RSD	.1120390	.3118686	.2400949	3.085148	19.10739	1.229384	.5630120
#1	7.940361	59.66255	.3617096	-.025054	1.319014	.6473360	.9727697
#2	7.924733	59.70173	.3605016	-.023645	.996100	.6634243	.9779089
#3	7.939893	60.00332	.3621851	-.024824	1.467229	.6546811	.9669645

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.12522	6.191935	.3022526	-.001449	.9484949	5.937529	.0121083
Stddev	.06793	.011240	.0011444	.000289	.0067916	.016786	.0031450
%RSD	.3551679	.1815195	.3786363	19.91883	.7160432	.2827125	25.97417
#1	19.19684	6.193896	.3009421	-.001589	.9408940	5.954489	.0092842
#2	19.06172	6.179844	.3030550	-.001642	.9506229	5.920922	.0154976
#3	19.11709	6.202065	.3027608	-.001117	.9539676	5.937176	.0115431

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-17DLX2 Acquired: 11/09/2024 21:42:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE501 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.043024	.1036322	.2500496
Stddev	.009613	.0009547	.0004800
%RSD	.3158944	.9212827	.1919452
#1	3.043232	.1043998	.2499712
#2	3.052531	.1025631	.2505640
#3	3.033309	.1039338	.2496137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1198.345	31095.46	3157.011	1114.069	2037.459
Stddev	2.658	89.76	4.474	5.839	2.726
%RSD	.2218107	.2886739	.1417048	.5240850	.1338016
#1	1195.276	31191.38	3153.146	1117.822	2035.375
#2	1199.842	31013.49	3161.912	1107.342	2036.459
#3	1199.917	31081.50	3155.976	1117.044	2040.545

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-18DLX2 Acquired: 11/09/2024 21:47:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE502 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1775517	-.029251	.3287436	-.039531	.0070254	81.85463	.9491058
Stddev	.0113626	.002208	.0028349	.009646	.0006428	.14474	.0027418
%RSD	6.399581	7.549817	.8623308	24.40189	9.149805	.1768208	.2888847
#1	.1895734	-.029758	.3262334	-.028632	.0076151	81.86674	.9522271
#2	.1760925	-.026833	.3318182	-.046969	.0063402	81.70422	.9480040
#3	.1669892	-.031162	.3281791	-.042991	.0071208	81.99293	.9470863

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040907	.0066962	21.80478	.1640405	.0982181	.8174519	204.7675
Stddev	.0001227	.0000684	.11211	.0025432	.0001504	.0050092	.4077
%RSD	3.000052	1.021330	.5141463	1.550375	.1530933	.6127765	.1991049
#1	.0040334	.0067397	21.90193	.1617724	.0980948	.8232197	205.2374
#2	.0040071	.0066173	21.83030	.1635589	.0981739	.8141923	204.5073
#3	.0042316	.0067315	21.68211	.1667901	.0983856	.8149439	204.5579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.567724	37.38231	.1778484	-.014868	.5994528	.3966788	.7818828
Stddev	.016563	.19638	.0008988	.000408	.3895320	.0056144	.0021072
%RSD	.3626076	.5253294	.5054003	2.745602	64.98126	1.415353	.2695036
#1	4.585326	37.57628	.1788691	-.014977	.5409177	.3967117	.7798672
#2	4.552445	37.38706	.1771750	-.015211	.2425009	.3910481	.7817102
#3	4.565402	37.18360	.1775012	-.014416	1.014940	.4022767	.7840710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.83298	4.635945	.1942675	-.000541	.9035247	6.517340	.0108884
Stddev	.14819	.010012	.0010819	.000732	.0089793	.019458	.0016339
%RSD	.8803569	.2159722	.5569014	135.2030	.9938055	.2985648	15.00605
#1	16.75802	4.630375	.1939968	-.001260	.8935977	6.495410	.0090025
#2	17.00367	4.629957	.1954590	.000203	.9110803	6.532541	.0118786
#3	16.73723	4.647504	.1933467	-.000566	.9058959	6.524069	.0117842

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-18DLX2 Acquired: 11/09/2024 21:47:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE502 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.046261	.0629650	.1720365
Stddev	.003736	.0016767	.0007331
%RSD	.1825976	2.662826	.4261355
#1	2.048935	.0614859	.1718939
#2	2.041992	.0626227	.1713853
#3	2.047856	.0647864	.1728305

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1180.792	30482.65	3054.868	1089.723	2085.865
Stddev	1.178	97.99	7.610	2.770	1.357
%RSD	.0997996	.3214481	.2491246	.2542276	.0650339
#1	1179.591	30535.63	3062.504	1092.646	2084.372
#2	1181.946	30542.74	3054.818	1089.385	2087.022
#3	1180.840	30369.58	3047.283	1087.136	2086.202

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-19DLX2 Acquired: 11/09/2024 21:51:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE503 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2732175	-.038865	.3945837	-.056925	.0096911	95.36682	1.162410
Stddev	.0154978	.003718	.0045841	.005868	.0020520	.03795	.001414
%RSD	5.672328	9.566734	1.161747	10.30862	21.17382	.0397906	.1216484
#1	.2714191	-.034650	.3915674	-.063123	.0075861	95.32704	1.161509
#2	.2586974	-.041680	.3998588	-.056198	.0116855	95.40262	1.164040
#3	.2895360	-.040264	.3923249	-.051454	.0098016	95.37081	1.161681

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048321	.0084194	26.07732	.2124067	.1216558	.9859476	253.8458
Stddev	.0003653	.0002601	.03560	.0004482	.0002475	.0064068	.2239
%RSD	7.559006	3.088823	.1365147	.2110045	.2034051	.6498073	.0881835
#1	.0044490	.0081564	26.04069	.2120227	.1218993	.9870052	253.5926
#2	.0048708	.0084254	26.07949	.2122981	.1216635	.9917598	253.9276
#3	.0051765	.0086764	26.11178	.2128991	.1214045	.9790779	254.0173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.121849	41.55776	.2186096	-.018448	.9591112	.4740652	.9522513
Stddev	.022367	.15531	.0007240	.000419	.0945654	.0036004	.0042204
%RSD	.4366920	.3737270	.3311623	2.269363	9.859685	.7594703	.4431973
#1	5.097137	41.72355	.2184056	-.017994	1.046716	.4778422	.9481019
#2	5.140705	41.53408	.2194136	-.018818	.858858	.4736810	.9565392
#3	5.127705	41.41564	.2180095	-.018532	.971759	.4706723	.9521128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.67865	5.651762	.2414580	.0002466	1.180375	5.935932	.0065317
Stddev	.03785	.010289	.0009767	.0007912	.010206	.012555	.0017990
%RSD	.1923550	.1820489	.4044858	320.8110	.8646297	.2115108	27.54285
#1	19.70941	5.639944	.2425580	-.000004	1.191934	5.927974	.0083497
#2	19.69015	5.658726	.2406927	.001133	1.172609	5.950406	.0047523
#3	19.63638	5.656616	.2411233	-.000389	1.176581	5.929418	.0064930

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-19DLX2 Acquired: 11/09/2024 21:51:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE503 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.206916	.0748525	.2094851
Stddev	.002529	.0007632	.0004436
%RSD	.1145746	1.019561	.2117492
#1	2.206055	.0756033	.2090271
#2	2.209763	.0748767	.2095153
#3	2.204931	.0740775	.2099127

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1178.053	30506.91	3084.239	1092.244	2054.884
Stddev	.621	61.72	3.843	3.557	1.717
%RSD	.0526999	.2023115	.1246128	.3256209	.0835428
#1	1177.527	30436.65	3080.635	1093.569	2053.023
#2	1177.894	30552.38	3083.797	1088.215	2056.406
#3	1178.738	30531.70	3088.283	1094.947	2055.223

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-20DLX2 Acquired: 11/09/2024 21:55:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE504 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2412148	-.040402	.2511840	-.047950	.0078980	105.7910	1.335149
Stddev	.0102905	.002378	.0035265	.007575	.0052089	.2977	.004859
%RSD	4.266130	5.885313	1.403960	15.79699	65.95210	.2814096	.3639623
#1	.2304834	-.043107	.2471132	-.040890	.0031752	106.1330	1.340646
#2	.2421619	-.038645	.2531292	-.055952	.0134849	105.5901	1.331426
#3	.2509990	-.039453	.2533094	-.047009	.0070339	105.6498	1.333374

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047047	.0052179	28.26655	.2061286	.1035455	.5632802	224.3050
Stddev	.0001204	.0001439	.08890	.0029844	.0002601	.0072795	.8262
%RSD	2.559189	2.758622	.3145163	1.447848	.2511869	1.292341	.3683396
#1	.0048162	.0050547	28.36263	.2095441	.1032473	.5673792	225.1834
#2	.0047210	.0052725	28.24982	.2040236	.1037259	.5548754	223.5434
#3	.0045770	.0053266	28.18719	.2048181	.1036632	.5675861	224.1881

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.945616	39.83177	.2247989	-.017324	.7807719	.4444559	.7219265
Stddev	.031604	.24259	.0005079	.000465	.3283838	.0022779	.0024739
%RSD	.6390290	.6090485	.2259289	2.683154	42.05886	.5125070	.3426798
#1	4.979515	40.09215	.2252784	-.016861	.4017476	.4428052	.7190707
#2	4.940367	39.61212	.2248515	-.017790	.9607283	.4435078	.7232962
#3	4.916964	39.79102	.2242667	-.017320	.9798398	.4470547	.7234127

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.36279	4.948373	.2179053	-.000987	1.118839	7.293340	.0118647
Stddev	.13671	.001565	.0014082	.000510	.011043	.018820	.0019735
%RSD	.7873695	.0316227	.6462383	51.65496	.9870401	.2580374	16.63346
#1	17.21278	4.948986	.2184286	-.001233	1.120250	7.310677	.0100363
#2	17.39524	4.949538	.2163104	-.000401	1.129108	7.273325	.0116011
#3	17.48035	4.946594	.2189769	-.001328	1.107157	7.296019	.0139568

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-20DLX2 Acquired: 11/09/2024 21:55:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE504 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.088742	.0807283	.2196569
Stddev	.008727	.0025962	.0005358
%RSD	.4177985	3.216015	.2439134
#1	2.097801	.0805057	.2198505
#2	2.080390	.0782506	.2190512
#3	2.088036	.0834287	.2200689

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1181.327	30602.04	3100.832	1092.392	2060.970
Stddev	2.171	53.79	8.708	4.516	1.710
%RSD	.1837690	.1757582	.2808353	.4134172	.0829647
#1	1181.968	30540.13	3091.419	1097.605	2062.585
#2	1178.908	30637.28	3108.602	1089.885	2059.179
#3	1183.105	30628.70	3102.474	1089.685	2061.145

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-21DLX2 Acquired: 11/09/2024 22:00:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE505 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2337868	-.034563	.3124101	-.044300	.0090962	81.83612	1.090905
Stddev	.0065096	.004890	.0027513	.011371	.0025869	.32186	.005246
%RSD	2.784433	14.14928	.8806657	25.66864	28.43902	.3932950	.4809018
#1	.2353465	-.035426	.3102933	-.034994	.0073824	82.17673	1.096138
#2	.2266390	-.038965	.3155201	-.056975	.0120718	81.53705	1.085646
#3	.2393749	-.029299	.3114171	-.040931	.0078343	81.79458	1.090933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041186	.0064038	16.89953	.1814977	.1154565	.7864131	216.9884
Stddev	.0000561	.0002078	.03144	.0011129	.0011588	.0014067	.6177
%RSD	1.362951	3.244873	.1860146	.6131982	1.003664	.1788701	.2846842
#1	.0041328	.0061983	16.93247	.1802141	.1154996	.7852727	217.6132
#2	.0041663	.0066138	16.89626	.1820868	.1165931	.7859817	216.3780
#3	.0040568	.0063992	16.86985	.1821924	.1142767	.7879849	216.9741

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.039654	35.68460	.2123513	-.016091	.6693481	.4131069	.7402061
Stddev	.008100	.18663	.0005399	.000249	.1164405	.0131682	.0050970
%RSD	.1607158	.5229903	.2542511	1.548296	17.39610	3.187588	.6885951
#1	5.046308	35.83678	.2118023	-.016344	.7980648	.4193058	.7391386
#2	5.030635	35.47637	.2128816	-.015846	.5713390	.3979833	.7457523
#3	5.042020	35.74064	.2123700	-.016083	.6386404	.4220317	.7357274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.07101	4.132599	.2030596	-.000100	.6702826	7.240428	.0081199
Stddev	.08883	.018764	.0008786	.000640	.0053720	.023964	.0037375
%RSD	.5527261	.4540394	.4326735	638.2388	.8014451	.3309766	46.02936
#1	16.16110	4.138654	.2024721	-.000455	.6761152	7.268015	.0111623
#2	15.98350	4.147588	.2026370	-.000484	.6655378	7.228500	.0039478
#3	16.06843	4.111556	.2040696	.000638	.6691949	7.224768	.0092495

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: P4538-21DLX2 Acquired: 11/09/2024 22:00:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE505 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.409741	.0648683	.1616439
Stddev	.006024	.0023139	.0003154
%RSD	.2499711	3.567147	.1951299
#1	2.414704	.0631618	.1620065
#2	2.403039	.0675021	.1614334
#3	2.411481	.0639410	.1614916

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1181.973	30622.45	3086.312	1097.386	2078.727
Stddev	1.758	59.59	8.895	6.263	1.461
%RSD	.1487085	.1945894	.2882221	.5706936	.0702913
#1	1180.225	30655.89	3076.734	1101.080	2080.009
#2	1183.740	30553.65	3094.313	1090.155	2077.136
#3	1181.955	30657.81	3087.890	1100.922	2079.036

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCV048 Acquired: 11/09/2024 22:04:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.085266	4.819591	24.71069	4.805386	4.917711	404.2407	10.14142
Stddev	.088927	.049303	.28615	.075525	.071526	1.5149	.04286
%RSD	1.748714	1.022970	1.157995	1.571682	1.454462	.3747468	.4226293
#1	5.151049	4.844403	24.96140	4.856381	4.977903	403.6975	10.11918
#2	4.984093	4.762810	24.39895	4.718621	4.838639	403.0723	10.11426
#3	5.120657	4.851558	24.77173	4.841156	4.936592	405.9523	10.19083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5009050	2.480257	403.4715	15.52667	2.493396	15.07434	409.3777
Stddev	.0041733	.029783	1.9987	.46432	.030093	.03985	2.1756
%RSD	.8331499	1.200790	.4953764	2.990450	1.206906	.2643816	.5314422
#1	.5026619	2.506503	403.5296	15.40783	2.518310	15.07224	409.5388
#2	.4961405	2.447889	401.4443	15.13332	2.459961	15.03558	407.1261
#3	.5039126	2.486380	405.4405	16.03886	2.501916	15.11521	411.4683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85836	409.3116	2.468150	1.248586	405.9770	2.462137	14.85047
Stddev	.03824	1.6135	.026269	.038217	1.6491	.019812	.52295
%RSD	.2573300	.3941970	1.064331	3.060797	.4061942	.8046606	3.521456
#1	14.84777	409.0794	2.488019	1.234752	405.2587	2.439343	14.71604
#2	14.82653	407.8268	2.438366	1.219212	404.8090	2.471856	14.40785
#3	14.90077	411.0286	2.478064	1.291793	407.8634	2.475214	15.42751

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.7365	4.897841	5.129780	4.857871	5.061808	5.035263	4.995024
Stddev	.5190	.046480	.039712	.067218	.064078	.046501	.067662
%RSD	.3354166	.9489863	.7741496	1.383685	1.265902	.9235091	1.354582
#1	154.6571	4.931612	5.158602	4.915744	5.100229	5.061260	5.049576
#2	154.2618	4.844830	5.084481	4.784143	4.987837	4.981577	4.919311
#3	155.2906	4.917081	5.146256	4.873724	5.097360	5.062952	5.016185

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCV048 Acquired: 11/09/2024 22:04:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.964757	5.081027	5.039139
Stddev	.023239	.024906	.016193
%RSD	.4680719	.4901726	.3213373
#1	4.957981	5.065331	5.030265
#2	4.945659	5.068006	5.029323
#3	4.990630	5.109744	5.057829

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	943.7572	26507.77	2799.984	840.3530	1681.529
Stddev	11.1884	674.97	16.609	26.7350	17.229
%RSD	1.185516	2.546306	.5931896	3.181395	1.024608
#1	933.7832	26698.19	2784.872	846.8250	1664.974
#2	955.8554	27067.07	2817.767	863.2579	1699.361
#3	941.6328	25758.04	2797.314	810.9762	1680.252

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCB048 Acquired: 11/09/2024 22:09:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030629	-.005305	-.001414	.0014770	.0002384	.0665761	.0003533
Stddev	.0022776	.002084	.002147	.0044420	.0011893	.0128421	.0001451
%RSD	74.35903	39.28134	151.8661	300.7528	498.9542	19.28935	41.06270
#1	.0056794	-.002900	-.003876	.0034264	-.000042	.0761578	.0004033
#2	.0015247	-.006463	-.000431	.0046109	.001543	.0519841	.0001898
#3	.0019847	-.006554	.000066	-.003606	-.000785	.0715865	.0004668

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000198	.0001114	.0222888	.0005518	.0005470	.0036157	-.004179
Stddev	.000146	.0000924	.0234975	.0012620	.0002160	.0009025	.039368
%RSD	73.58347	82.98970	105.4233	228.7101	39.49651	24.96055	942.0683
#1	-.000148	.0001772	-.004844	-.000083	.0003112	.0028834	-.015046
#2	-.000362	.0001511	.035863	.002005	.0005943	.0033398	.039481
#3	-.000084	.0000057	.035847	-.000267	.0007354	.0046240	-.036971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029593	.0623688	.0002754	-.000162	-.285268	-.006578	.0012667
Stddev	.0019049	.0339834	.0008957	.000992	.222745	.007326	.0004390
%RSD	64.37215	54.48785	325.1963	612.7132	78.08268	111.3739	34.65205
#1	.0023658	.0689124	.0004815	-.000061	-.073392	-.009354	.0011067
#2	.0050903	.0926045	-.000705	-.001200	-.517487	.001730	.0009302
#3	.0014217	.0255894	.001050	.000776	-.264926	-.012111	.0017632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054389	.0037564	.0048741	.0002918	.0020539	.0009851	-.000002
Stddev	.110682	.0021226	.0011579	.0004683	.0067682	.0011036	.002162
%RSD	203.4984	56.50517	23.75667	160.4495	329.5245	112.0329	111577.5
#1	-.103528	.0031212	.0036413	.0005839	-.005702	.0008871	-.002488
#2	-.131994	.0020240	.0059388	.0005399	.005097	-.000066	.001438
#3	.072354	.0061241	.0050420	-.000248	.006767	.002134	.001044

Reviewed By:Mohan
On:11/13/2024 3:17:23 AM
Inst Id :P5

Sample Name: CCB048 Acquired: 11/09/2024 22:09:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v714) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB048 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017353	.0015600	.0001164
Stddev	.0028531	.0013188	.0001178
%RSD	164.4202	84.54098	101.1686
#1	-.000516	.0012580	.0000373
#2	.000777	.0030036	.0002517
#3	.004944	.0004183	.0000602

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1131.654	28950.42	2887.368	1045.437	2200.624
Stddev	1.752	137.14	21.164	2.406	1.686
%RSD	.1548029	.4737030	.7329889	.2301160	.0766027
#1	1130.322	28882.85	2876.096	1047.889	2201.823
#2	1133.638	29108.23	2911.782	1043.080	2198.697
#3	1131.001	28860.16	2874.225	1045.341	2201.353

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Prep Standard - Chemical Standard Summary

Order ID : P4538

Test : Metals CLP Full

Prepbatch ID : PB164600,

Sequence ID/Qc Batch ID: LB133379,

Standard ID :
MP81119,MP82127,MP83134,MP83136,MP83137,MP83138,MP83139,MP83140,MP83141,MP83142,MP83143,MP831
44,MP83145,MP83146,MP83147,MP83148,MP83149,

Chemical ID :
M5130,M5218,M5223,M5289,M5295,M5296,M5390,M5395,M5429,M5476,M5498,M5513,M5515,M5519,M5634,M5658
,M5698,M5751,M5768,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M587
5,M5935,M5960,M5962,M5970,M5976,M5978,M5982,M5984,M5985,M5990,M5999,M6021,M6023,M6025,M6028,M60
30,M6033,M6040,M6111,M6112,M6117,W2606,W3112,

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP81119	06/21/2024	04/24/2025	Al-Terek Isaac	METALS_SCALE_2 (M SC-2)	METALS_PIPETTE_1 (ICP A)	Sarabjit Jaswal 06/21/2024

FROM 1250.00000ml of M5935 + 1250.00000ml of W2606 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP82127	09/03/2024	02/08/2025	Janvi Patel	None	None	Sarabjit Jaswal 09/03/2024

FROM 1250.00000ml of M6040 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
902	ICP AES CAL BLK (SO/ICB/CCB)	MP83134	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 125.00000ml of M6111 + 2350.00000ml of W3112 + 25.00000ml of M6117 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2480	ICP AES STD 6 ISM01.3	MP83136	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 4.00000ml of M5289 + 4.00000ml of M5498 + 4.00000ml of M5515 + 4.00000ml of M5768 + 4.00000ml of M5806 + 30.00000ml of MP83134 = Final Quantity: 50.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1004	ICPAES ISM01.2 (S5)	MP83137	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 0.25000ml of M5798 + 0.50000ml of M5429 + 0.50000ml of M5476 + 0.50000ml of M5815 + 0.50000ml of M5817 + 12.50000ml of M5519 + 12.50000ml of M5698 + 12.50000ml of M5806 + 12.50000ml of M5819 + 13.75000ml of M5751 + 14.50000ml of M5515 + 14.50000ml of M5658 + 14.50000ml of M6033 + 2.00000ml of M5513 + 22.50000ml of M5498 + 22.50000ml of M5768 + 5.00000ml of M5296 + 5.00000ml of M5395 + 5.00000ml of M5802 + 5.00000ml of M5818 + 5.00000ml of M5875 + 303.50000ml of MP83134 = Final Quantity: 500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1005	ICPAES ISM01.2(S4)	MP83138	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 250.00000ml of MP83134 + 250.00000ml of MP83137 = Final Quantity: 500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1007	ICPAES ISM01.2(S3)	MP83139	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 25.00000ml of MP83137 + 75.00000ml of MP83134 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1008	ICPAES ISM01.2(S2)	MP83140	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 12.50000ml of MP83137 + 87.50000ml of MP83134 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
994	ICPAES ISM01.2 S1 (CONC.)	MP83141	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 0.02000ml of M5815 + 0.03000ml of M5429 + 0.10000ml of M5798 + 0.10000ml of M6028 + 0.14000ml of M5799 + 0.20000ml of M5476 + 0.20000ml of M5515 + 0.20000ml of M5658 + 0.20000ml of M5801 + 0.20000ml of M5817 + 0.20000ml of M5976 + 0.20000ml of M6025 + 0.20000ml of M6030 + 0.30000ml of M5698 + 0.40000ml of M6033 + 0.50000ml of M5751 + 0.50000ml of M6023 + 0.70000ml of M5962 + 0.80000ml of M5960 + 1.00000ml of M5800 + 1.00000ml of M6021 + 1.20000ml of M5802 + 1.20000ml of M5819 + 10.00000ml of M5498 + 10.00000ml of M5519 + 10.00000ml of M5768 + 10.00000ml of M5806 + 10.00000ml of M5818 + 2.00000ml of M5978 + 4.00000ml of M5390 + 34.24000ml of MP83134 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1003	ICPAES ISM01.2 S1	MP83142	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 0.50000ml of MP83141 + 99.50000ml of MP83134 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2054	ICV-ICPAES	MP83143	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 0.50000ml of M5218 + 0.50000ml of M5816 + 0.50000ml of M5820 + 0.50000ml of M5970 + 0.50000ml of M5982 + 10.00000ml of M5295 + 87.50000ml of MP83134 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
904	ICP AES ICSA SOLN	MP83144	10/30/2024	11/19/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 25.00000ml of M5130 + 225.00000ml of MP83134 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
905	ICP AES ICSAB SOLN	MP83145	10/30/2024	11/19/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 25.00000ml of M5130 + 25.00000ml of M5223 + 200.00000ml of MP83134 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1119	ICPAES ISM01.2(CCV)	MP83146	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 0.75000ml of M5498 + 0.75000ml of M5768 + 1.22500ml of M6033 + 1.25000ml of M5515 + 1.25000ml of M5806 + 19.77500ml of MP83134 + 25.00000ml of MP83137 = Final Quantity: 50.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
921	ICPAES SPIKE SOL#6	MP83147	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 2.50000ml of M5962 + 50.00000ml of M5990 + 50.00000ml of M5999 + 147.50000ml of MP83134 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
919	ICP AES INTERNAL STD	MP83148	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 1.00000ml of M5984 + 10.00000ml of M5985 + 1969.00000ml of W3112 + 20.00000ml of M6117 = Final Quantity: 2000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
903	ICP AES RINSE SOLN	MP83149	10/30/2024	11/30/2024	Kareem Khairalla	None	None	Mohan Bera 11/08/2024

FROM 200.00000ml of M6117 + 9800.00000ml of W3112 = Final Quantity: 10000.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICP) STOCK SOLN	ICSA-1211	11/19/2024	05/20/2024 / jaswal	04/20/2021 / bin	M5130

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CHEM-QC-4 / CHEM-QC-4, Second Source, 1000 ug/ml, B, Mo, Si, Sn, Ti	S2-MEB711674	11/02/2026	07/01/2022 / bin	09/10/2021 / bin	M5218

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSAB (ICP) STOCK SOLN	ICSB-0710	11/19/2024	05/20/2024 / jaswal	04/20/2021 / bin	M5223

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	02/05/2025	08/07/2024 / jaswal	02/20/2020 / bin	M5295

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	Z9651Q / CHEM-CLP-4/.25L	S2-MEB711673	11/02/2026	09/19/2022 / jaswal	08/20/2022 / jaswal	M5296

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-CAL-3 / CLP CAL SOLUTION #3, 125mL	T2-MEB714159	01/13/2027	01/30/2024 / bin	09/19/2022 / bin	M5395

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57103 / Li, 10000 PPM, 125 ml	070622	07/06/2025	01/30/2023 / bin	01/26/2023 / bin	M5429

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/09/2025	07/29/2024 / jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	02/03/2025	04/18/2024 / jaswal	08/03/2022 / Al-Terek	M5634

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	071723	07/17/2026	10/01/2024 / Jaswal	08/25/2023 / jaswal	M5751

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	01/08/2024 / bin	01/03/2024 / bin	M5768

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57015 / P, 1000 PPM, 125 ml	091123	09/11/2026	05/01/2024 / jaswal	02/09/2024 / jaswal	M5820

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-CAL-1 / CLP CAL SOLUTION #1, 125mL	T2-MEB714417	01/27/2027	04/19/2024 / jaswal	02/22/2024 / jaswal	M5875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	12/08/2024	06/21/2024 / Al-Terek	06/07/2024 / Al-Terek	M5935

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/03/2024 / kareem	06/11/2024 / kareem	M5960

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57003 / Li, 1000 PPM, 125 ml	061224	06/21/2027	07/01/2024 / Jaswal	07/01/2024 / Jaswal	M5970

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGY10-1 / YTTRIUM 125mL 10,000ug/mL	V2-Y740548	02/20/2029	08/05/2024 / kareem	06/14/2024 / Jaswal	M5984

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGIN10-5 / INDIUM 1 x 500 ml	U2-IN729349	02/21/2028	10/08/2024 / Jaswal	06/14/2024 / Jaswal	M5985

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-5 / CLP Spike Standard 5	V2-MEB742037	03/12/2029	10/04/2024 / Jaswal	02/22/2024 / Jaswal	M5990

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	09/04/2024 / Jaswal	02/22/2024 / kareem	M5999

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	06/12/2027	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	01/25/2019 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	24D1562005	02/08/2025	08/09/2024 / jaswal	08/01/2024 / Janvi	M6040

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	22F0762009	05/09/2027	11/04/2024 / Eman	09/29/2024 / Janvi	M6111

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24B1362001	05/03/2025	11/03/2024 / Eman	09/29/2024 / Eman	M6112

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24B1362001	05/06/2025	11/06/2024 / Janvi	09/29/2024 / Eman	M6117

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-5
Lot Number:	V2-MEB742037
Matrix:	5% (v/v) HNO_3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Selenium, Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	100.0 ± 0.7 µg/mL	Arsenic, As	40.00 ± 0.26 µg/mL
Cadmium, Cd	49.99 ± 0.22 µg/mL	Lead, Pb	19.99 ± 0.09 µg/mL
Selenium, Se	50.00 ± 0.23 µg/mL	Thallium, Tl	50.00 ± 0.22 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	3103a	100818
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

March 12, 2024

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- March 12, 2029

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Joseph Burns
Custom VS Manager

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M6028

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

R 8/15/24

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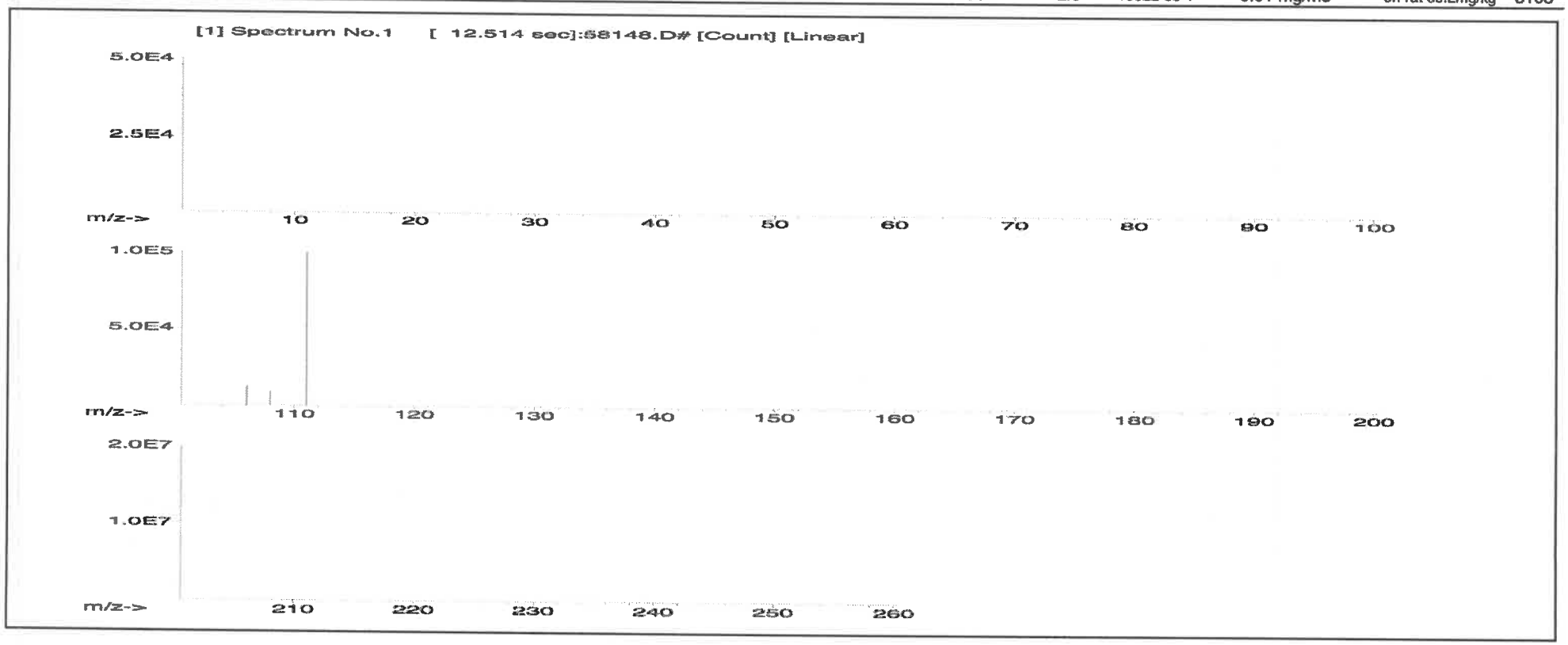
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

M5296 OP: 09/19/2022 BH

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1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CHEM-CLP-4
Lot Number:	S2-MEB711673
Matrix:	3% (v/v) HNO3 3% (v/v) HF
Value / Analyte(s):	1 000 µg/mL ea: Boron, Molybdenum, Silicon, Tin, Titanium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Boron, B	**1 000 ± 6 µg/mL**	**Molybdenum, Mo**	**1 000 ± 6 µg/mL**
Silicon, Si	**1 000 ± 7 µg/mL**	**Tin, Sn**	**1 000 ± 6 µg/mL**
Titanium, Ti	**1 000 ± 7 µg/mL**		

Density: 1.030 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
B	ICP Assay	3107	110830
Mo	ICP Assay	3134	130418
Si	ICP Assay	3150	130912
Sn	ICP Assay	3161a	140917
Ti	ICP Assay	3162a	130925

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

November 02, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **November 02, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

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Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-CAL-1
Lot Number:	T2-MEB714417
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	5 000 µg/mL ea: Calcium, Potassium, Magnesium, Sodium, 2 000 µg/mL ea: Aluminum, Barium, 1 000 µg/mL ea: Iron, 500 µg/mL ea: Nickel, Vanadium, Zinc, Cobalt, Manganese, 250 µg/mL ea: Silver, Copper, 200 µg/mL ea: Chromium, 50 µg/mL ea: Beryllium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	**2 000 ± 7 µg/mL**	**Barium, Ba**	**2 000 ± 9 µg/mL**
Beryllium, Be	**50.00 ± 0.26 µg/mL**	**Calcium, Ca**	**5 000 ± 22 µg/mL**
Chromium, Cr	**200.0 ± 1.0 µg/mL**	**Cobalt, Co**	**500.0 ± 2.4 µg/mL**
Copper, Cu	**250.0 ± 1.0 µg/mL**	**Iron, Fe**	**1 000 ± 4 µg/mL**
Magnesium, Mg	**5 000 ± 20 µg/mL**	**Manganese, Mn**	**500.0 ± 2.0 µg/mL**
Nickel, Ni	**500.0 ± 2.2 µg/mL**	**Potassium, K**	**5 000 ± 19 µg/mL**
Silver, Ag	**250.0 ± 1.1 µg/mL**	**Sodium, Na**	**5 000 ± 18 µg/mL**
Vanadium, V	**499.7 ± 2.2 µg/mL**	**Zinc, Zn**	**500.0 ± 2.2 µg/mL**

Density: 1.118 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cr	Calculated		See Sec. 4.2
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
K	ICP Assay	3141a	140813
K	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	140110
Mg	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Na	ICP Assay	3152a	120715
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

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10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

January 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **January 27, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

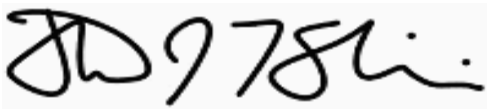
- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

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1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-CAL-3
Lot Number:	T2-MEB714159
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	1 000 µg/mL ea: Arsenic, Lead, Selenium, Thallium, 500 µg/mL ea: Cadmium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Arsenic, As	**1 000 ± 8 µg/mL**	**Cadmium, Cd**	**500.0 ± 2.1 µg/mL**
Lead, Pb	**1 000 ± 5 µg/mL**	**Selenium, Se**	**1 000 ± 8 µg/mL**
Thallium, Tl	**1 000 ± 7 µg/mL**		

Density: 1.043 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	3103a	100818
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Tl	ICP Assay	3158	151215

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

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u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

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- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

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8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

January 13, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **January 13, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

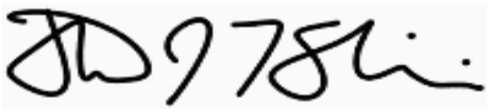
- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

R: 8/5/24

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

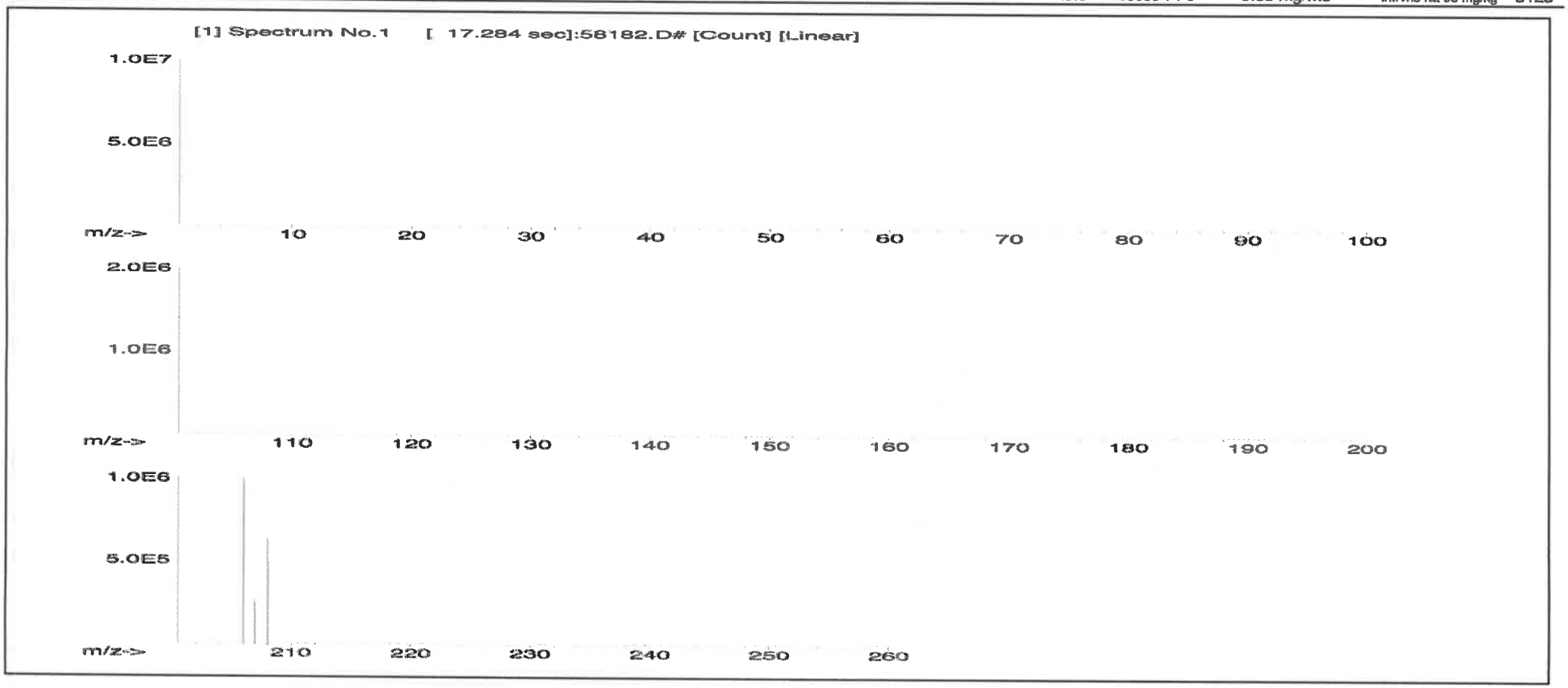
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546		Nitric Acid
	2%	40.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-AES (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix. **For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-1211" and for the ICSAB mixture use "ICSA-1211+ICSB-0710".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The interference check sample set is to be used to verify inter-element and background correction factors of inductively-coupled plasma (ICP) spectrometers. This reference material set consists of two (2) concentrated solutions. The ICSA solution contains the four (4) interferent elements: Al, Ca, Fe, and Mg. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be,

Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for ICP-AES Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-1211, Interferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this ICSA solution by ICP-AES.

ICSB-0710, Analytes, mixed with ICSA-1211, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this ICSAB solution by ICP-AES.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-AES ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-AES ICSA-1211, AND ICSA-1211 MIXED WITH ICSB-0710

Element	CRQL	Part A (µg/L)	Low Limit (µg/L)	High Limit (µg/L)	Part A +Part B (µg/L)	Low Limit (µg/L)	High Limit (µg/L)
Al	200	255000	216000	294000	247000	209000	285000
Sb	60	(0.0)	-60.0	60.0	618	525	711
As	10	(0.0)	-10.0	10.0	104	88.4	120
Ba	200	(6.0)	-194	206	(537)	337	737
Be	5.0	(0.0)	-5.0	5.0	495	420	570
Cd	5.0	(1.0)	-4.0	6.0	972	826	1120
Ca	5000	245000	208000	282000	235000	199000	271000
Cr	10	(52.0)	42.0	62.0	542	460	624
Co	50	(0.0)	-50.0	50.0	476	404	548
Cu	25	(2.0)	-23.0	27.0	511	434	588
Fe	100	101000	85600	116500	99300	84400	114500
Pb	10	(0.0)	-10.0	10.0	(49.0)	39.0	59.0
Mg	5000	255000	216000	294000	248000	210000	286000
Mn	15	(7.0)	-8.0	22.0	507	430	584
Ni	40	(2.0)	-38.0	42.0	954	810	1100
Se	35	(0.0)	-35.0	35.0	(46.0)	11.0	81.0
Ag	10	(0.0)	-10.0	10.0	201	170	232
Tl	25	(0.0)	-25.0	25.0	(108)	83.0	133
V	50	(0.0)	-50.0	50.0	491	417	565
Zn	60	(0.0)	-60.0	60.0	952	809	1095

ICSA M5126 M5127 M5128 M5129 M5130

ICSB M5219 M5220 M5221 M5222 M5223

The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 1 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CHEM-QC-4
Lot Number:	S2-MEB711674
Matrix:	3% (v/v) HNO3 3% (v/v) HF
Value / Analyte(s):	1 000 µg/mL ea: Boron, Molybdenum, Silicon, Tin, Titanium

Second Source: Whenever possible, this solution was manufactured from a second set of concentrates in our manufacturing facility.

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Boron, B	**1 000 ± 7 µg/mL**	**Molybdenum, Mo**	**1 000 ± 5 µg/mL**
Silicon, Si	**1 000 ± 7 µg/mL**	**Tin, Sn**	**1 000 ± 5 µg/mL**
Titanium, Ti	**1 001 ± 6 µg/mL**		

Density: 1.032 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
B	ICP Assay	3107	110830
Mo	ICP Assay	3134	130418
Si	ICP Assay	3150	130912
Sn	ICP Assay	3161a	140917
Ti	ICP Assay	3162a	130925

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

November 02, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **November 02, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-AES (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix. **For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-1211" and for the ICSAB mixture use "ICSA-1211+ICSB-0710".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The interference check sample set is to be used to verify inter-element and background correction factors of inductively-coupled plasma (ICP) spectrometers. This reference material set consists of two (2) concentrated solutions. The ICSA solution contains the four (4) interferent elements: Al, Ca, Fe, and Mg. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be,

Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for ICP-AES Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-1211, Interferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this ICSA solution by ICP-AES.

ICSB-0710, Analytes, mixed with ICSA-1211, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this ICSAB solution by ICP-AES.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-AES ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-AES ICSA-1211, AND ICSA-1211 MIXED WITH ICSB-0710

Element	CRQL	Part A (µg/L)	Low Limit (µg/L)	High Limit (µg/L)	Part A +Part B (µg/L)	Low Limit (µg/L)	High Limit (µg/L)
Al	200	255000	216000	294000	247000	209000	285000
Sb	60	(0.0)	-60.0	60.0	618	525	711
As	10	(0.0)	-10.0	10.0	104	88.4	120
Ba	200	(6.0)	-194	206	(537)	337	737
Be	5.0	(0.0)	-5.0	5.0	495	420	570
Cd	5.0	(1.0)	-4.0	6.0	972	826	1120
Ca	5000	245000	208000	282000	235000	199000	271000
Cr	10	(52.0)	42.0	62.0	542	460	624
Co	50	(0.0)	-50.0	50.0	476	404	548
Cu	25	(2.0)	-23.0	27.0	511	434	588
Fe	100	101000	85600	116500	99300	84400	114500
Pb	10	(0.0)	-10.0	10.0	(49.0)	39.0	59.0
Mg	5000	255000	216000	294000	248000	210000	286000
Mn	15	(7.0)	-8.0	22.0	507	430	584
Ni	40	(2.0)	-38.0	42.0	954	810	1100
Se	35	(0.0)	-35.0	35.0	(46.0)	11.0	81.0
Ag	10	(0.0)	-10.0	10.0	201	170	232
Tl	25	(0.0)	-25.0	25.0	(108)	83.0	133
V	50	(0.0)	-50.0	50.0	491	417	565
Zn	60	(0.0)	-60.0	60.0	952	809	1095

ICSA M5126 M5127 M5128 M5129 M5130

ICSB M5219 M5220 M5221 M5222 M5223

The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 1 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

M5289 R: 07/12/22 (BH)

Certified Reference Material CRM

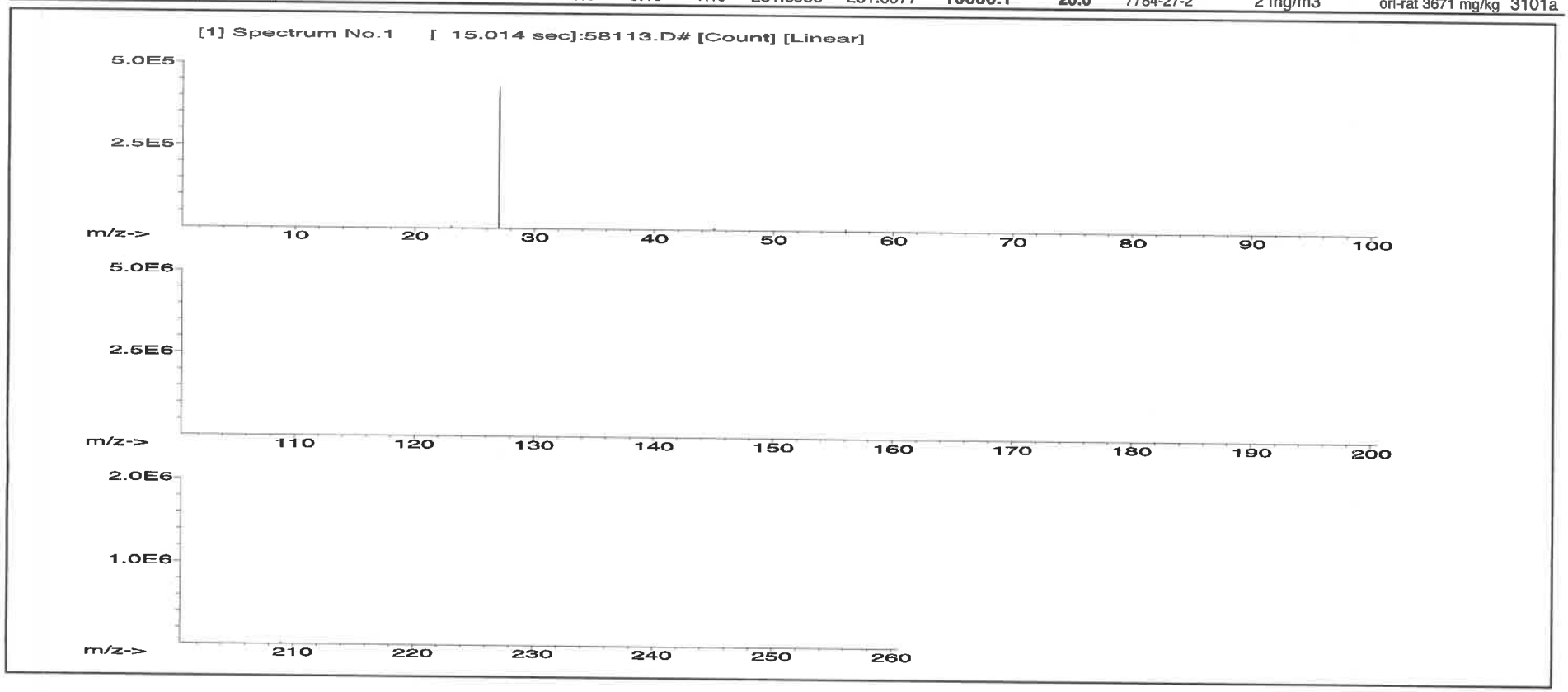
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number:	**58113**			**Lot #**	
Lot Number:	**070622**		**Solvent:**	20370011	Nitric Acid
Description:	**Aluminum (Al)**		2%	40.0 (mL)	Nitric Acid
Expiration Date:	070625				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05 Balance Uncertainty			
Weight shown below was diluted to (mL):	2000.02	0.058 Flask Uncertainty			

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

R:09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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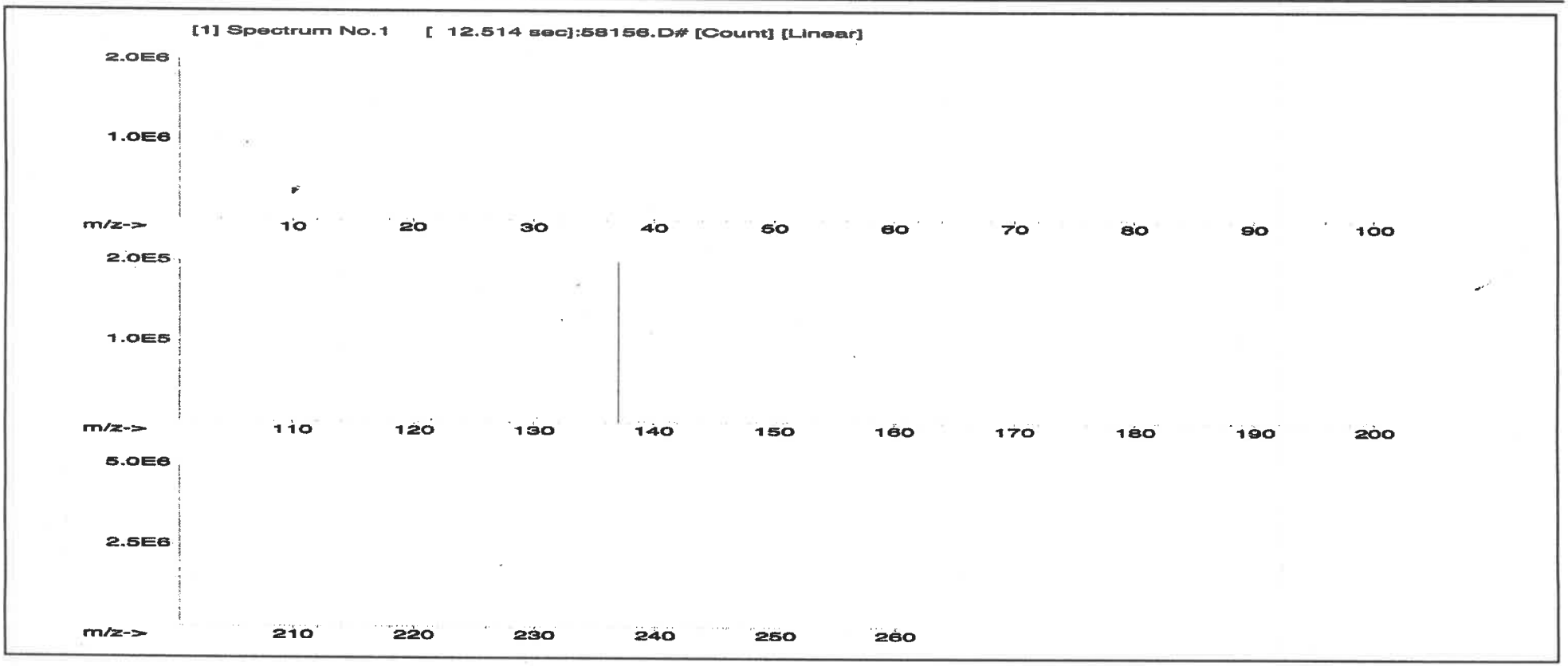
CERTIFIED WEIGHT REPORT:

Part Number:	**57056**		**Lot #**		
Lot Number:	**072122**	**Solvent:**	20510011	Nitric Acid	
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	072125				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	2.0	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

2020

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M5429 R1 01/26/23 BH

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CERTIFIED WEIGHT REPORT:

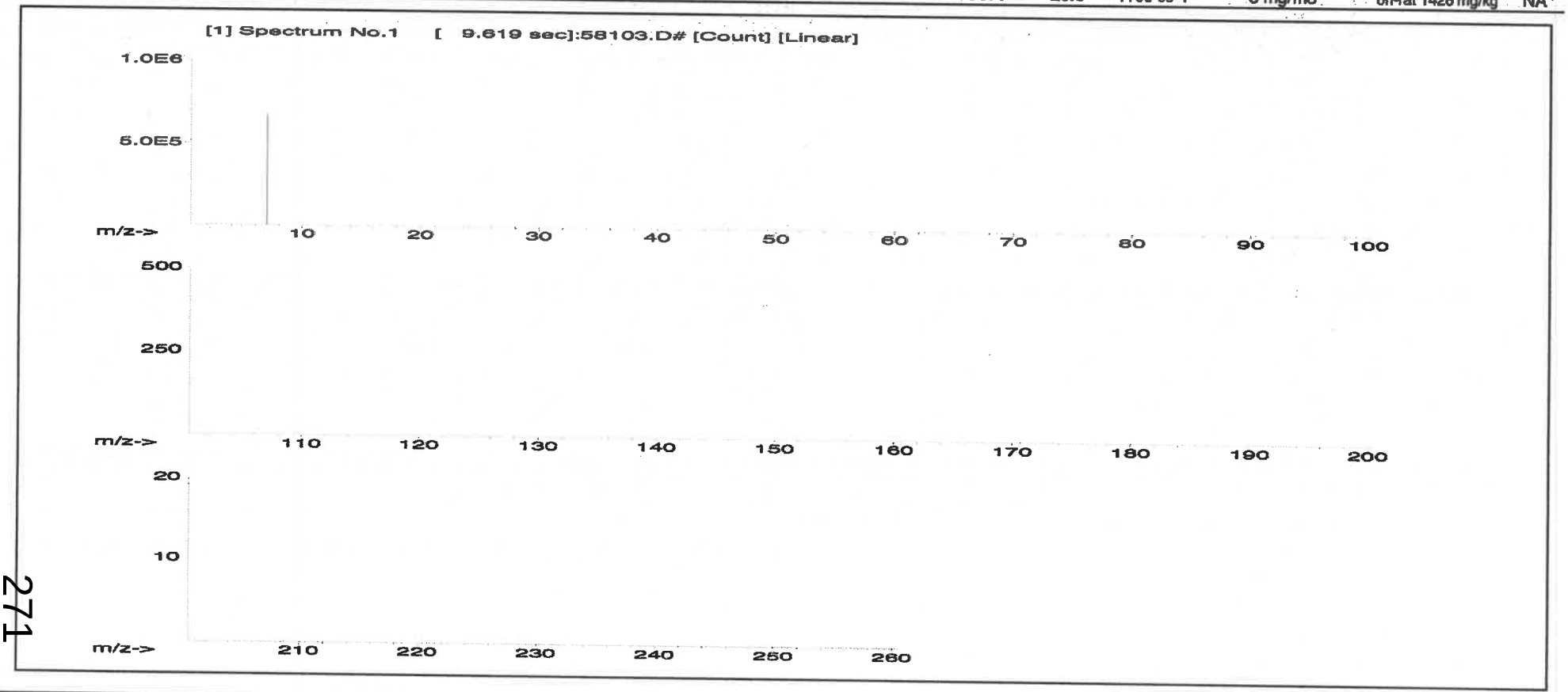
Part Number: 57103
Lot Number: 070622
Description: Lithium (Li)

Expiration Date: 070625
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12 ± 0.058 Flask Uncertainty

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	20.0 (mL)	Nitric Acid	± 5E-05 Balance Uncertainty

Formulated By: Lawrence Barry 070622
Reviewed By: Pedro L. Rentas 070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lithium nitrate (Li)	IN019	LIZ042018A1	10000	99.999	0.10	10.0	100.0134	100.0173	**10000.4**	**20.0**	7790-69-4	5 mg/m3	orl-rat 1426 mg/kg	NA



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	T	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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IN5497 - IN5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

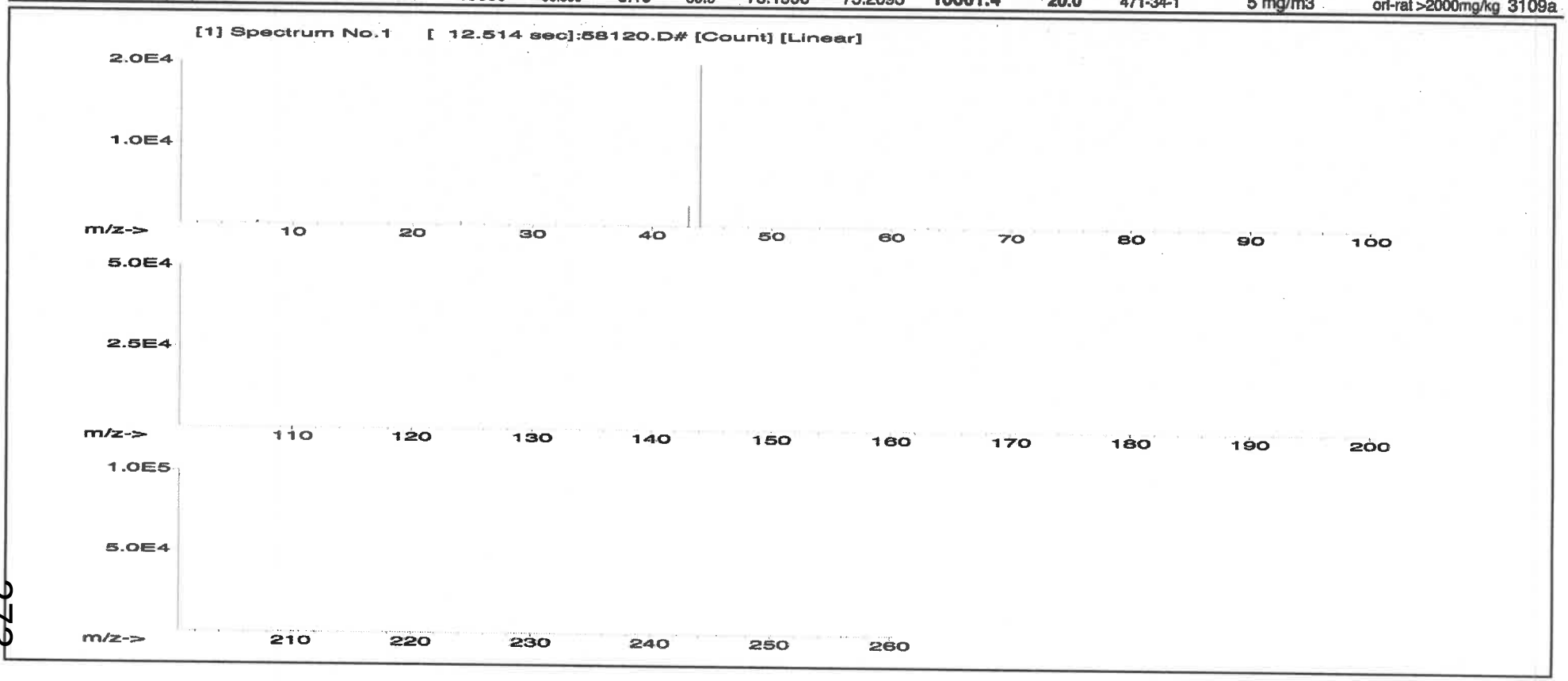
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	031523
Reviewed By:	Pedro L. Rentas	031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



273

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M 5513 R: 03/17/23

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

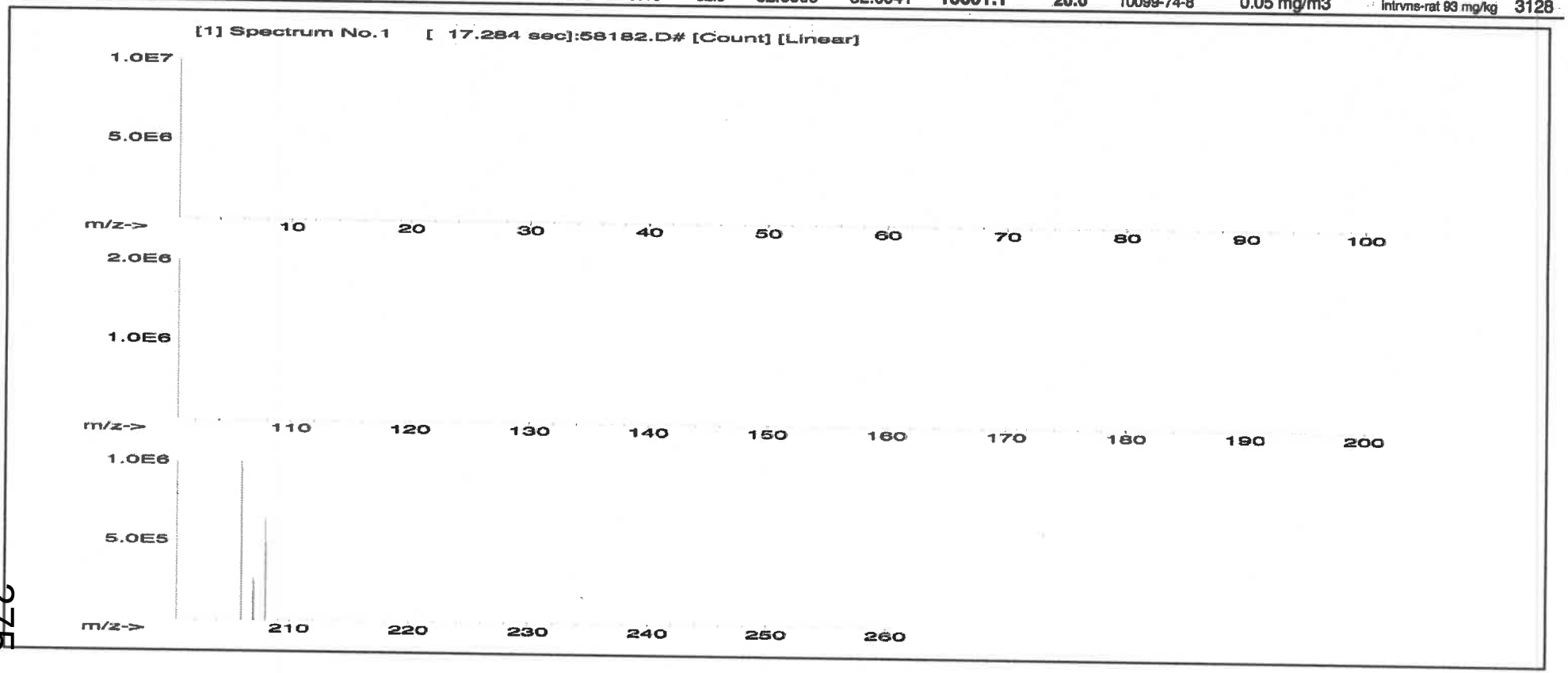
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



275

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5514 - M5515 R: 03/17/22

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CERTIFIED WEIGHT REPORT:

Part Number: 58126
Lot Number: 092122
Description: Iron (Fe)

Expiration Date: 092125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 5000.1 ± 0.12 Flask Uncertainty

	Lot #		
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

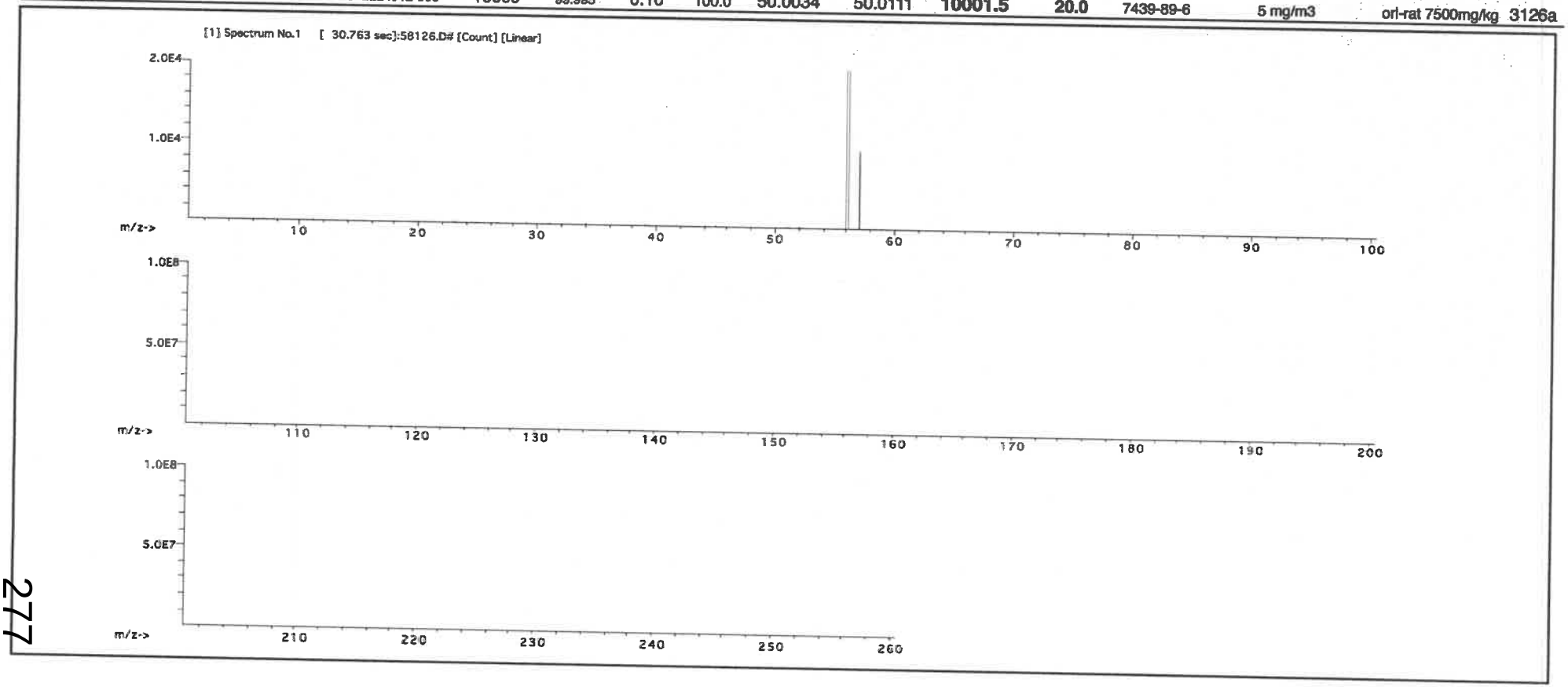
Giovanni Esposito

Formulated By: Giovanni Esposito 092122

Pedro Rentas

Reviewed By: Pedro L. Rentas 092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



277

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5519. M5520 (BH) R:03/17/23

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CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

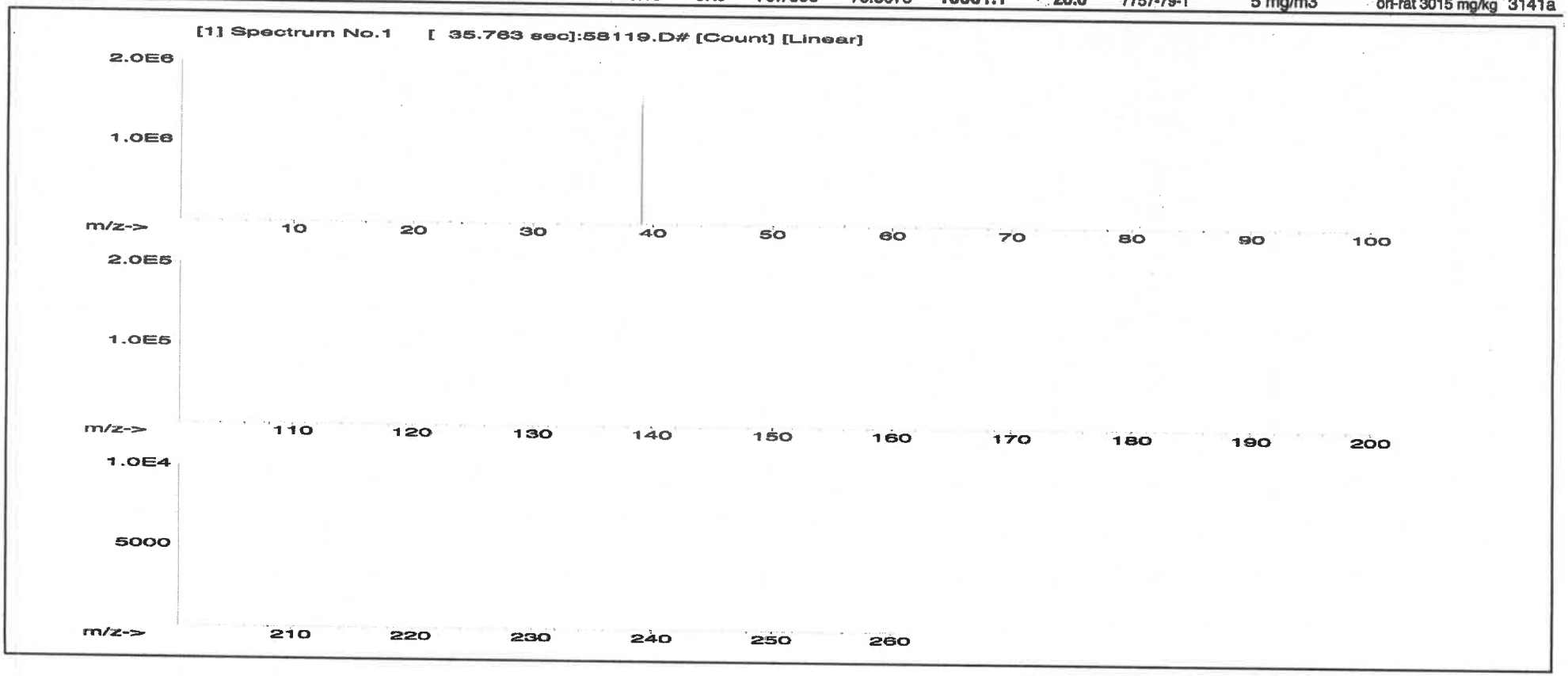
Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.4

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.06	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



280

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

CERTIFICATE OF ANALYSIS

Date: 8/3/2022 MS631 MS632 MS633 MS634 **Lot No 820803**

Hydrogen Peroxide, ACS
Reagent Grade

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	29-32%	31.4%
Color (APHA)	10	5
Residue after Evaporation	0.002%	.0001%
Titratable Acid	0.0006 meq/g	< .0006 meq/g
Chloride (Cl)	2 ppm	< 1 ppm
Nitrate (NO_3)	2 ppm	< 1 ppm
Phosphate	2 ppm	< 1 ppm
Sulfate (SO_4)	5 ppm	< .5 ppm
Ammonium (NH_4)	5 ppm	< 1 ppm
Heavy Metals (as Pb)	1 ppm	< .1 ppm
Iron (Fe)	0.5 ppm	< .1 ppm
Sodium Stannate	200 – 300 ppb	Pass

***Our Hydrogen Peroxide is considered un-stabilized because it is very slightly stabilized with Sodium Stannate, 500 ppb maximum, just for safety purposes.

Date of MFG: 8/2022
Retest date: 8/2024

Gina M. Rambo
Office Manager

CORCO CHEMICAL CORPORATION. 299 CEDAR LANE. FAIRLESS HILLS, PA 19030. 215-295-5006. FAX 215-295-0781

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M5658 R! 8/25/23

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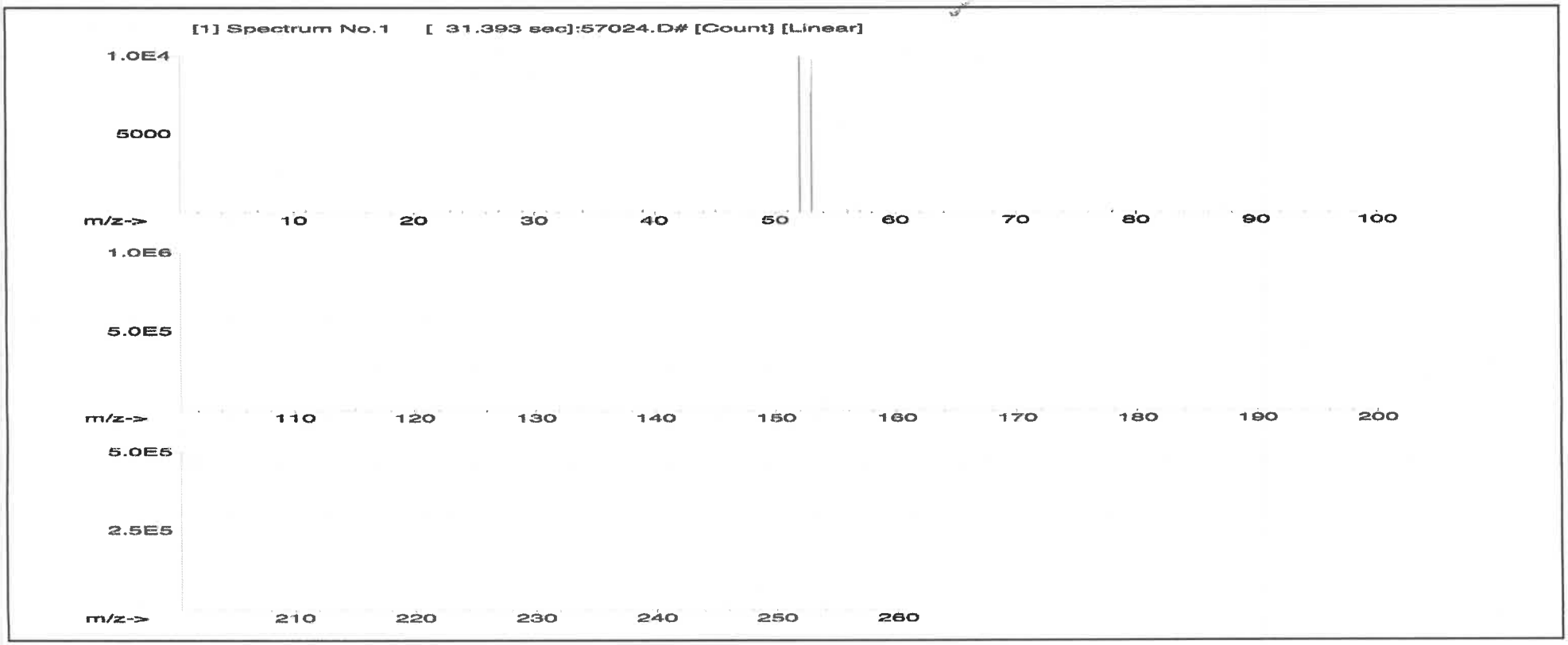
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58024**	21110221	Nitric Acid	
Lot Number:	**060523**			
Description:	**Chromium (Cr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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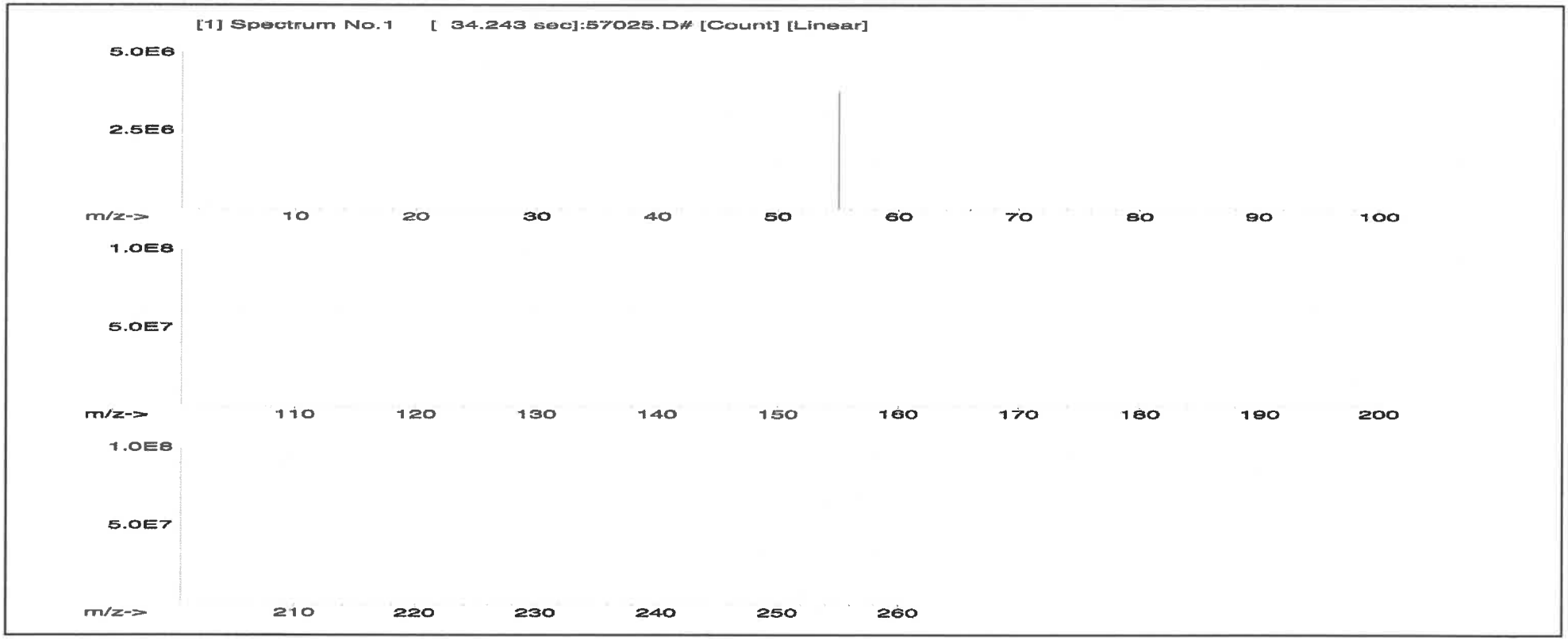
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58025**	24002546	Nitric Acid	
Lot Number:	**102623**			
Description:	**Manganese (Mn)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	102626			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102623
Reviewed By:	Pedro L. Rentas	102623

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Manganese(II) nitrate tetrahydrate (Mn)	58125	071123	0.1000	300.0	0.084	1000	10000.1	**1000.0**	**2.1**	20694-39-7	5 mg/m3	orl-rat >300mg/kg	3132



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
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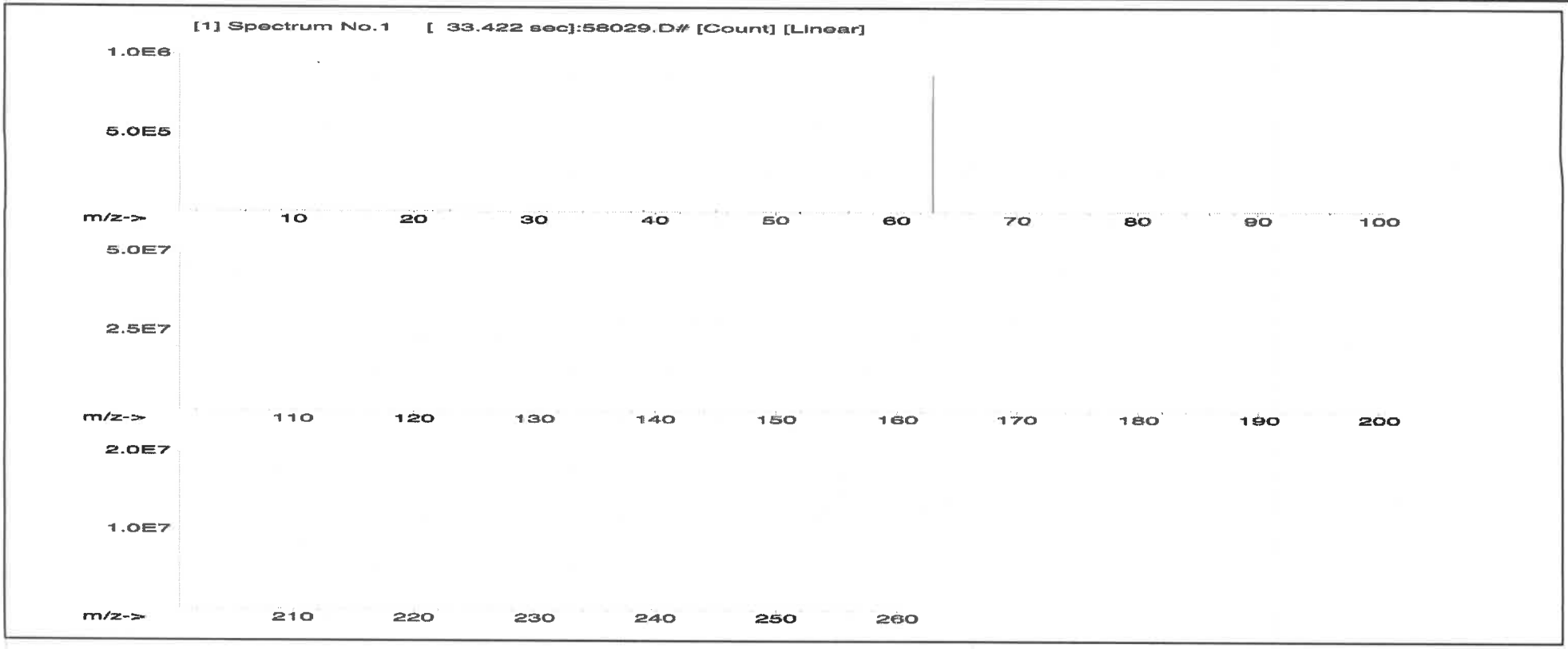
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	21110221	Nitric Acid	
Lot Number:	**071723**			
Description:	**Copper (Cu)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071723
Reviewed By:	Pedro L. Rentas	071723

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	022723	0.1000	200.0	0.084	1000	10000.5	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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M5768 M5769 (BP) R:1/3/24

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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

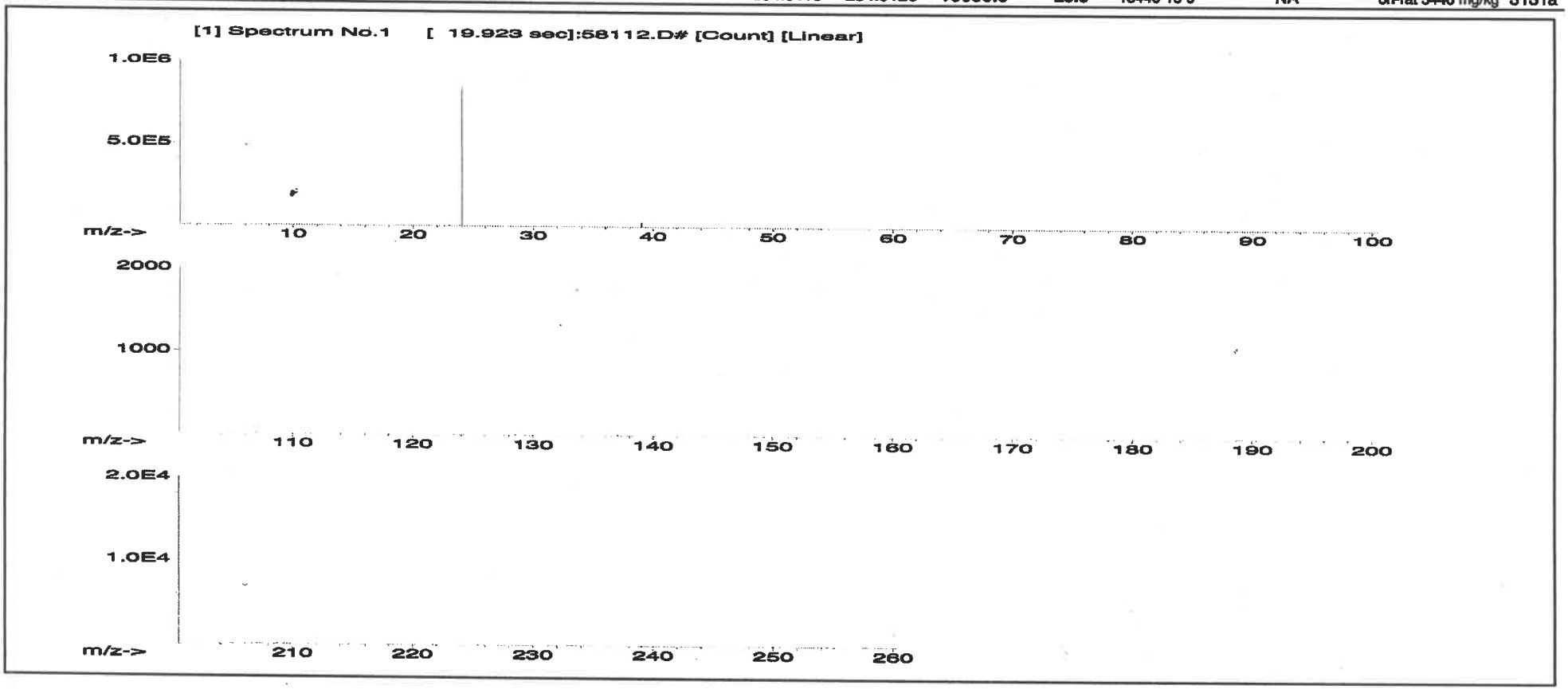
		Lot #	
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By:	Lawrence Barry	091823
Reviewed By:	Pedro L. Rentas	091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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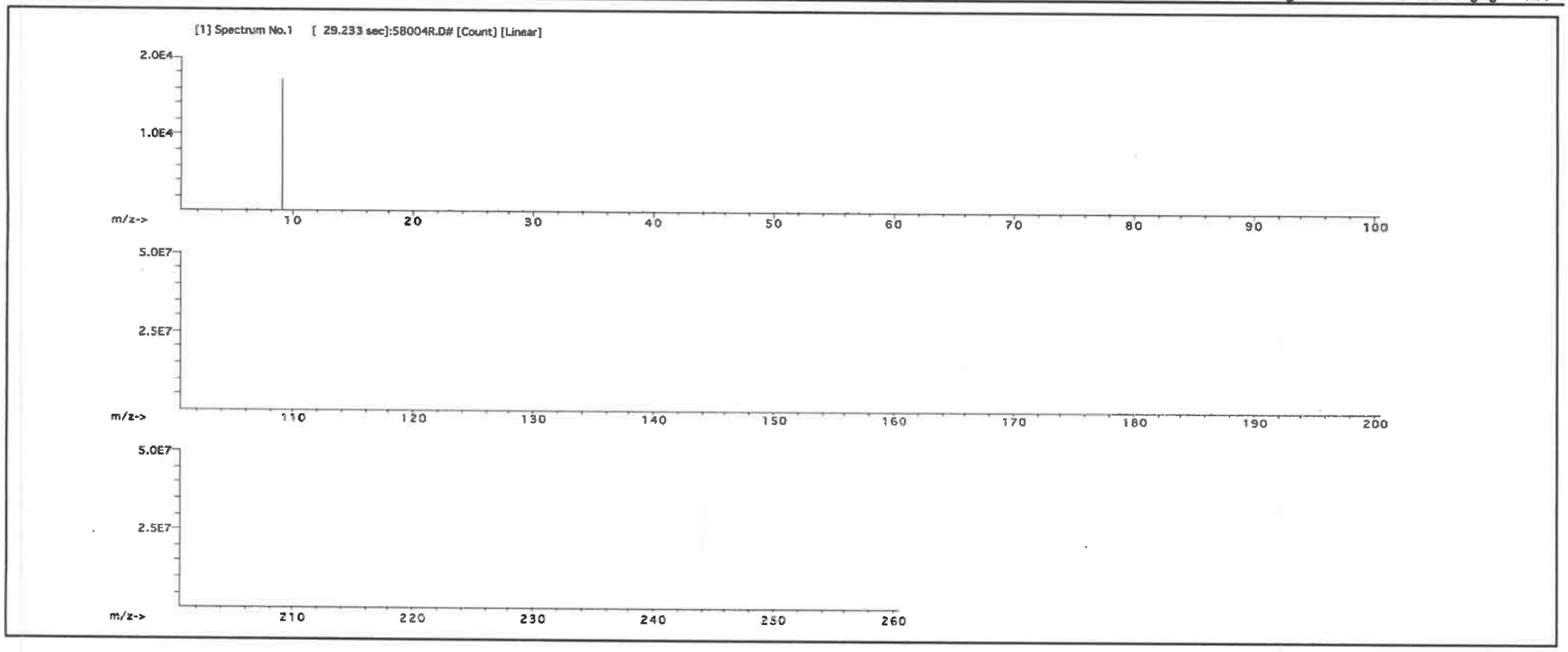
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57004**	24002546	Nitric Acid		
Lot Number:	**102523**				
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	102526				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

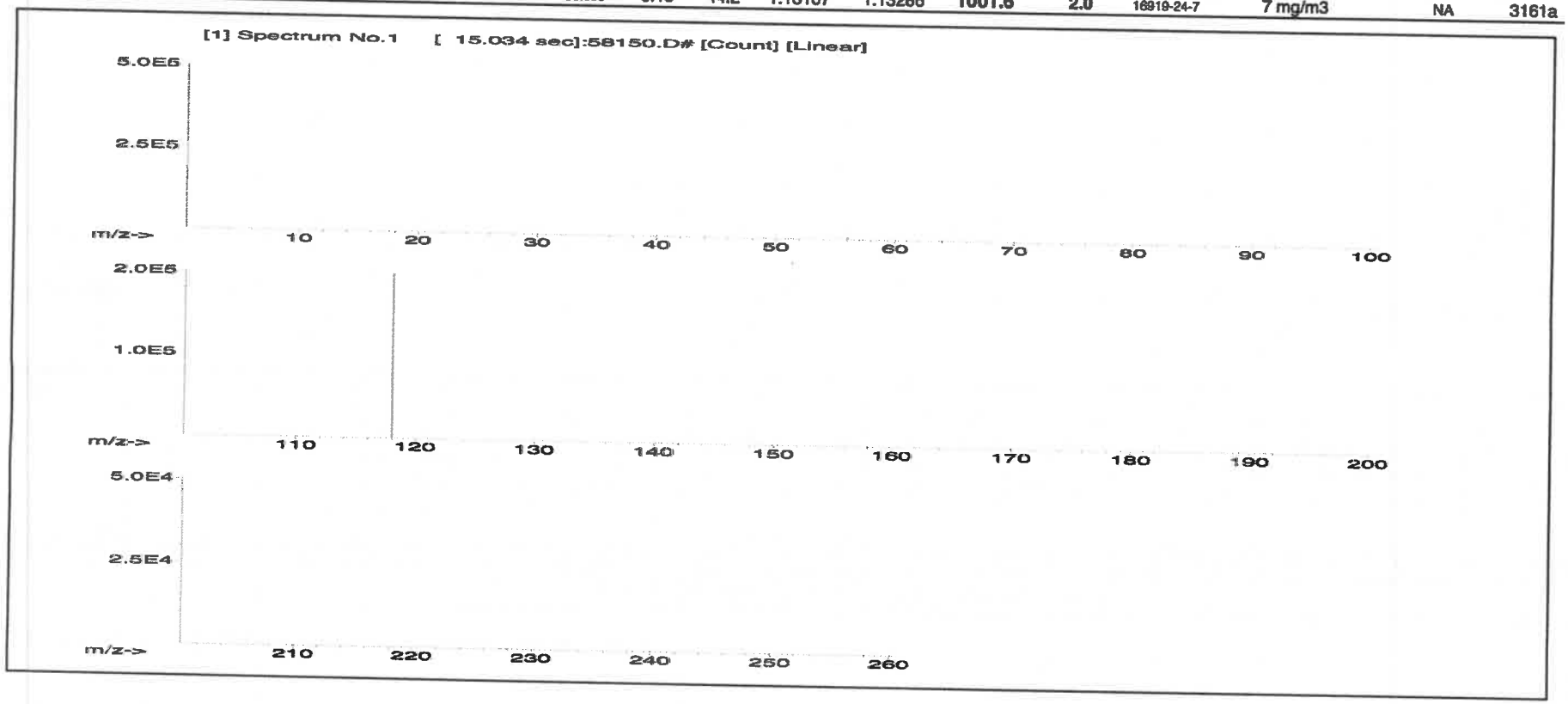
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	Lot #	
Solvents:	21110221	Nitric Acid
	22D0562008	Hydrochloric acid
2%	10.0	Nitric Acid
6%	30.0	Hydrochloric acid
	(mL)	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Benson Chan	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorostannate(IV) (Sn)	IN010	SND042023A1	1000	99.999	0.10	44.2	1.13107	1.13286	**1001.6**	**2.0**	16919-24-7	7 mg/m3	NA	3161a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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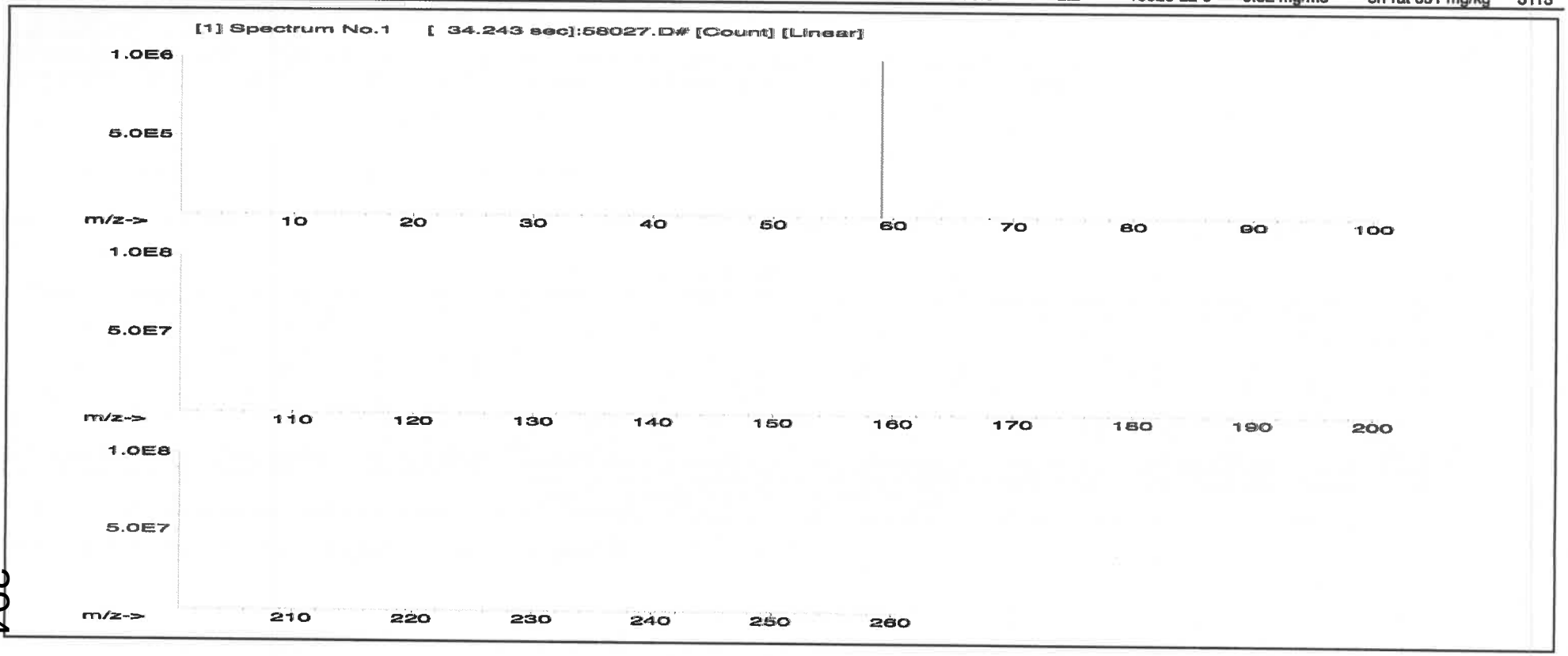
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By: Lawrence Barry 091923

Reviewed By: Pedro L. Rentas 091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	**2.2**	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



294

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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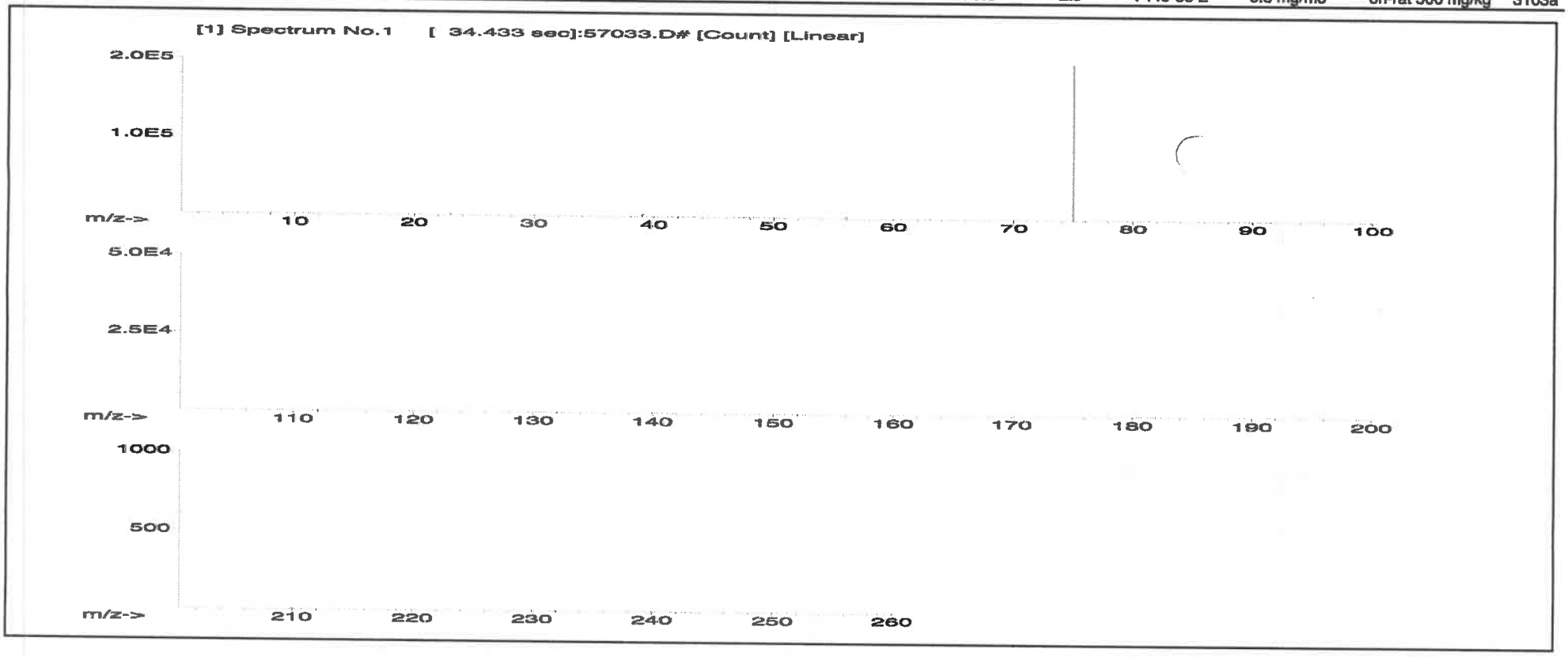
296

CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



297

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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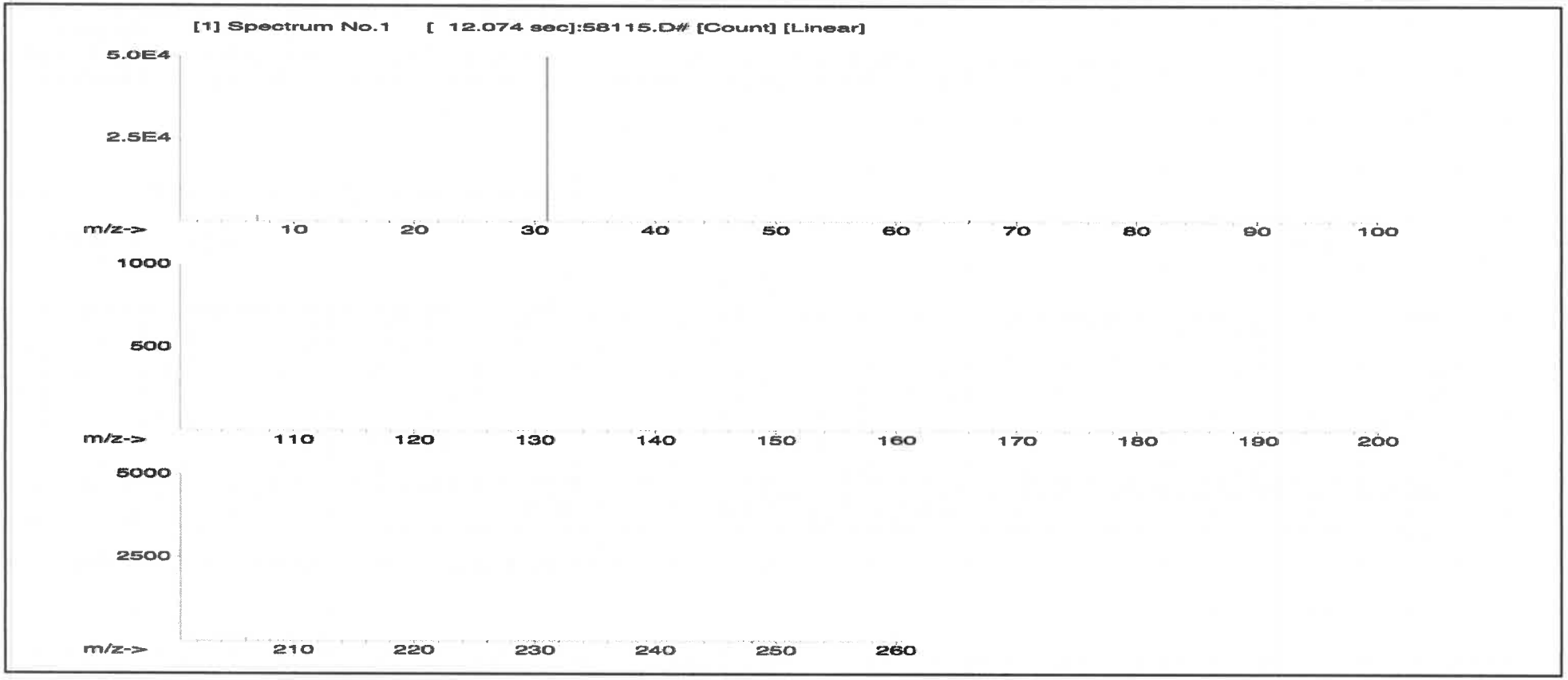
CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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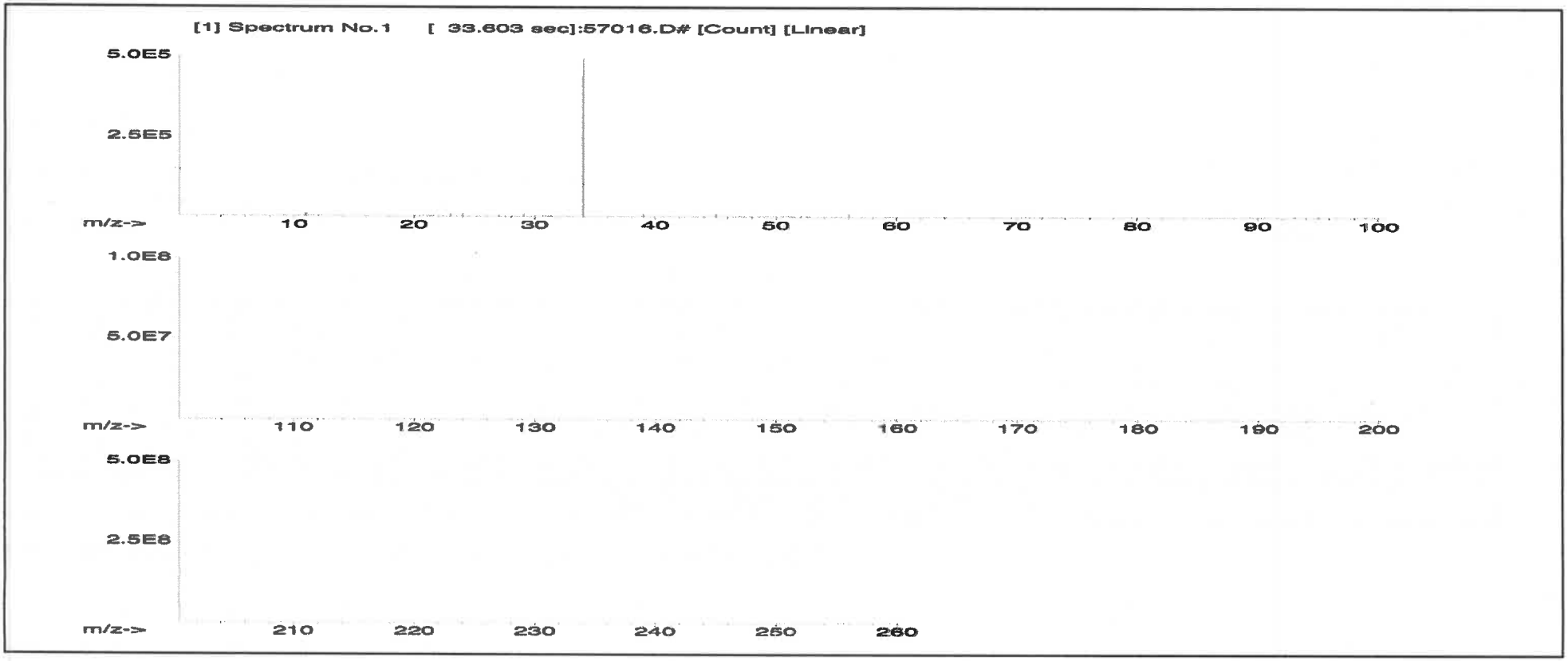
300

CERTIFIED WEIGHT REPORT:

Part Number:	**57016**	**Solvent:**	**Lot #** 122923	ASTM Type 1 Water
Lot Number:	**122923**			
Description:	**Sulfur (S)**			
Expiration Date:	122926			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty	

Formulated By:	Benson Chan	122923
Reviewed By:	Pedro L. Rentas	122923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	1000	99.9	0.10	24.3	16.4979	16.4980	**1000.0**	**2.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



301

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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302

CERTIFIED WEIGHT REPORT:

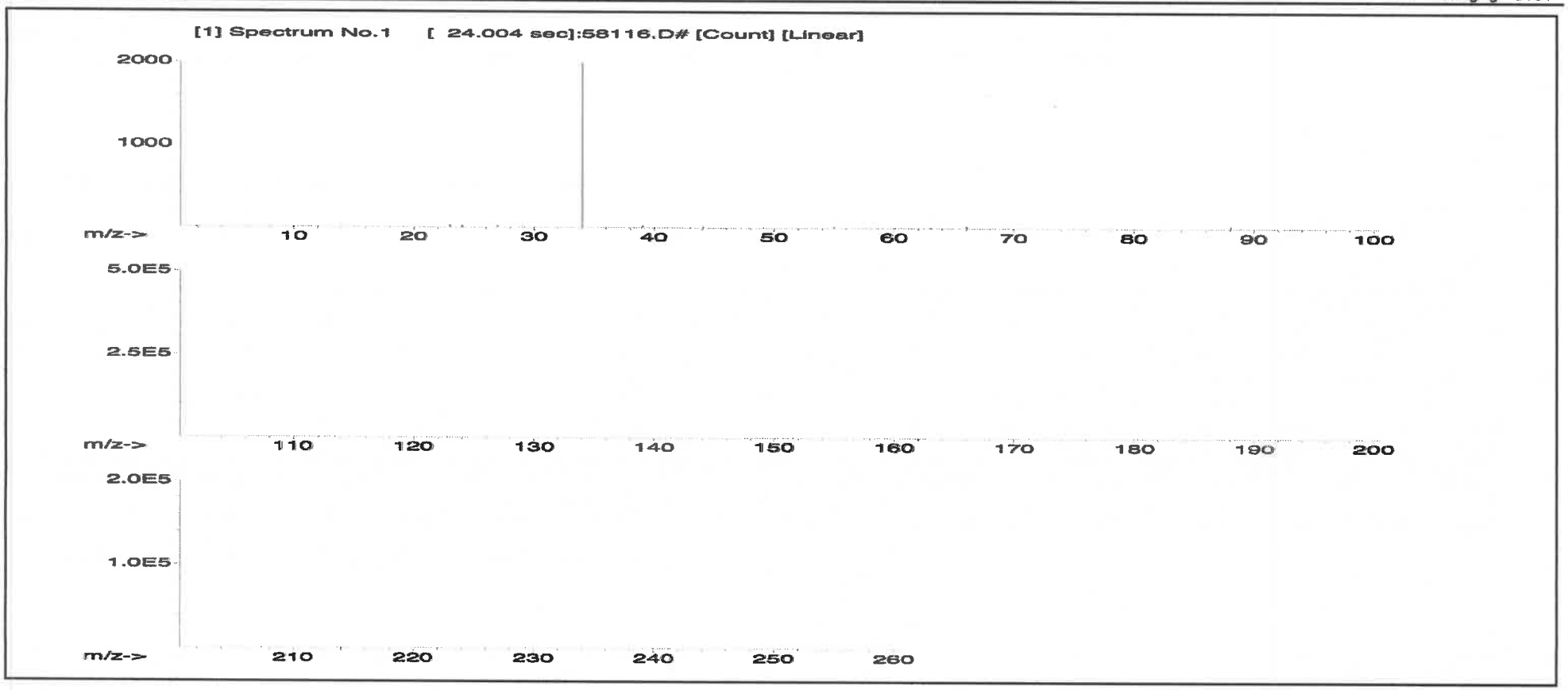
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

Lot #
Solvent: 071123 ASTM Type 1 Water

Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	ori-rat 4250mg/kg	3181



303

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 02/09/24 M.5818

Lot #

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304

CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

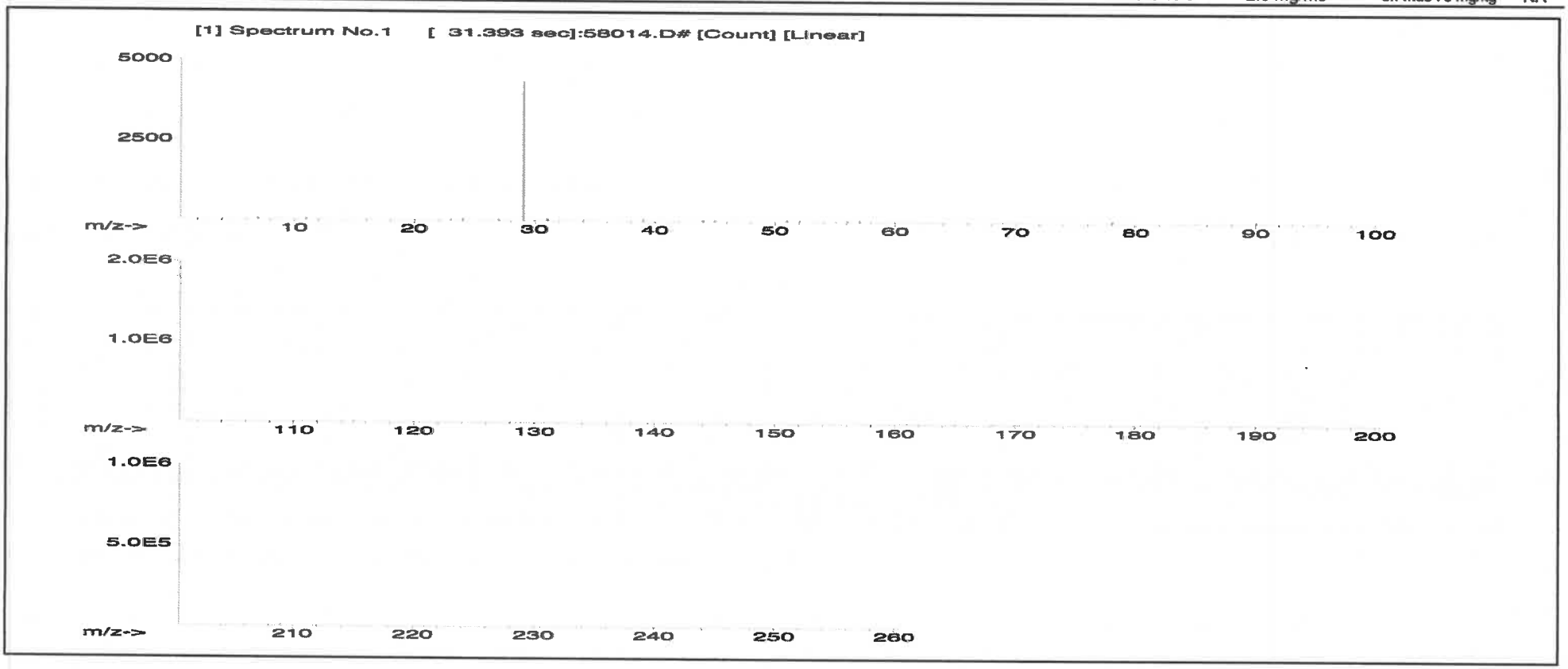
Aleah O'Brady

Formulated By:	Aleah O'Brady	122023

Pedro Rentas

Reviewed By:	Pedro L. Rentas	122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



305

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M5819

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306

CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

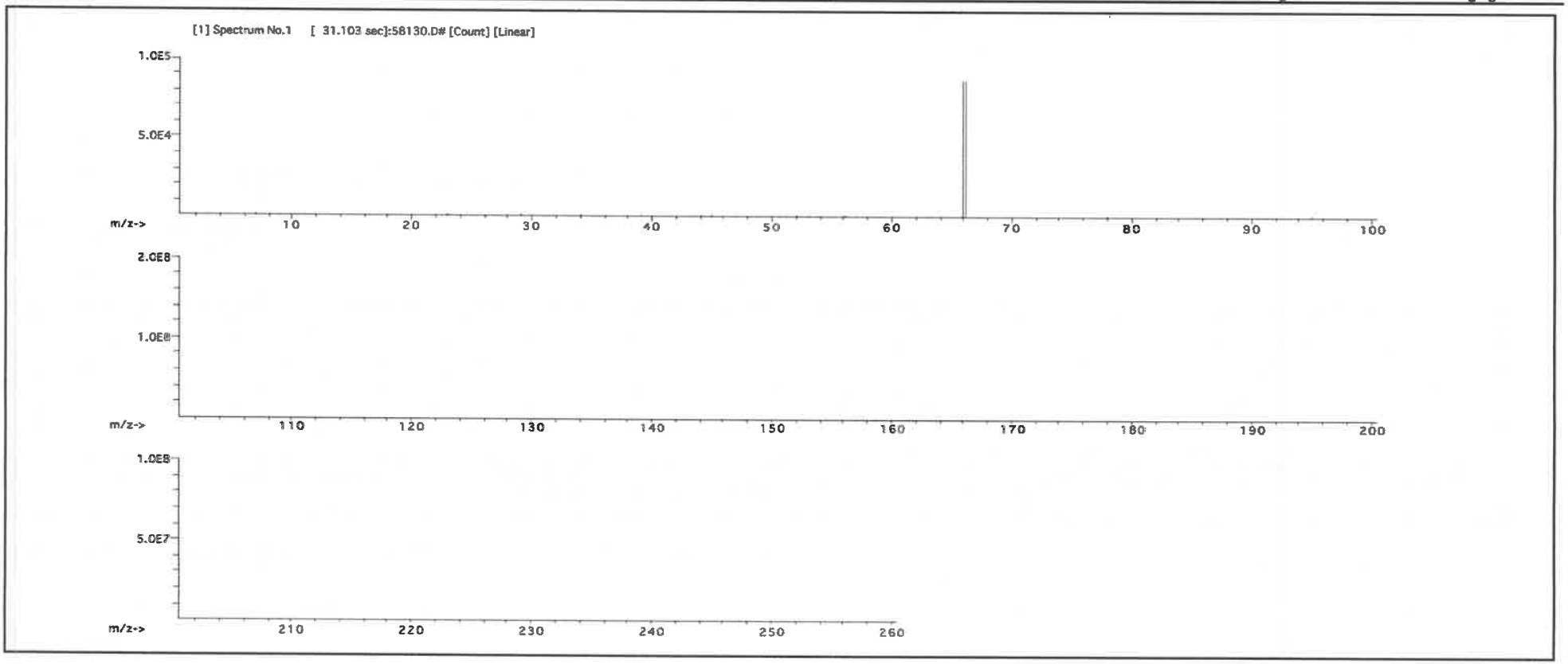
Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		Lot #		
Solvent:	24002546	Nitric Acid		
2%	60.0 (mL)	Nitric Acid		
	5E-05	Balance Uncertainty		

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



307

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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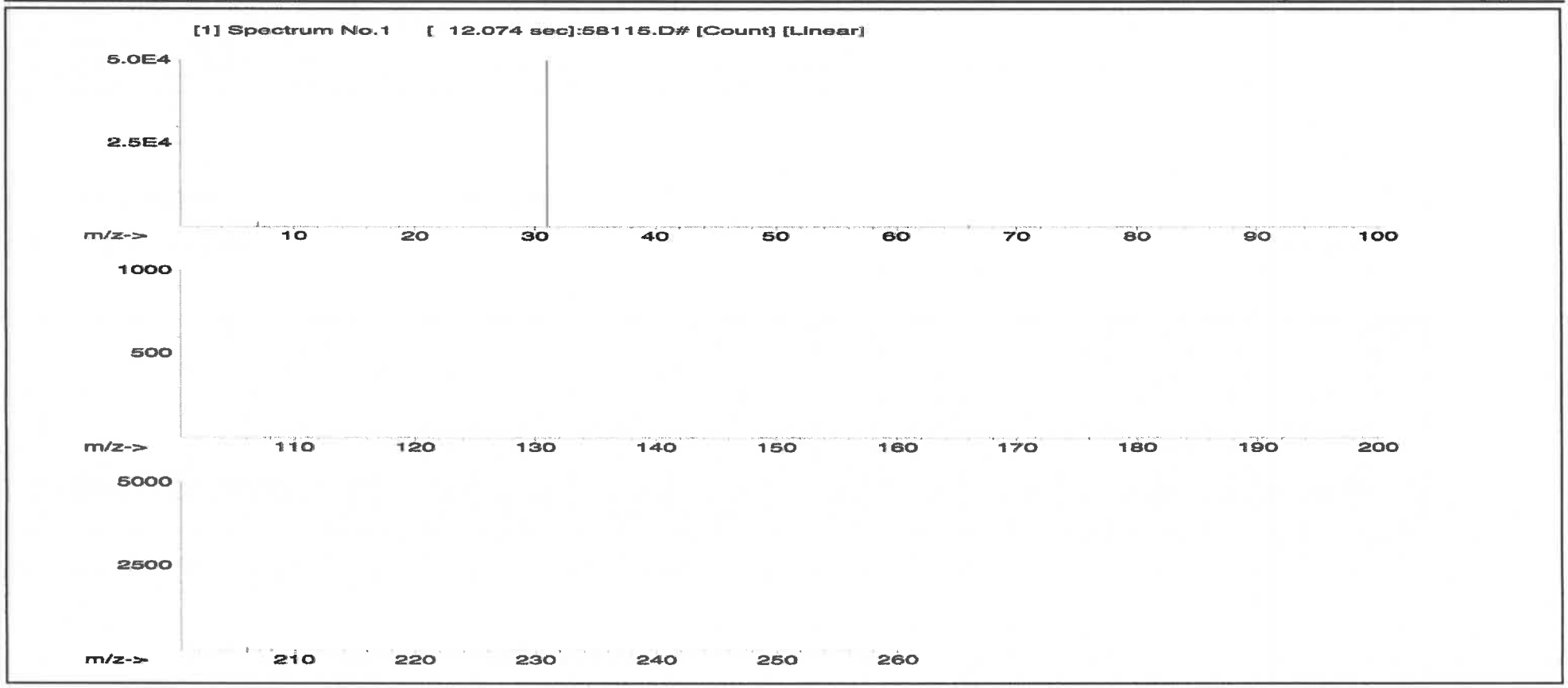
308

CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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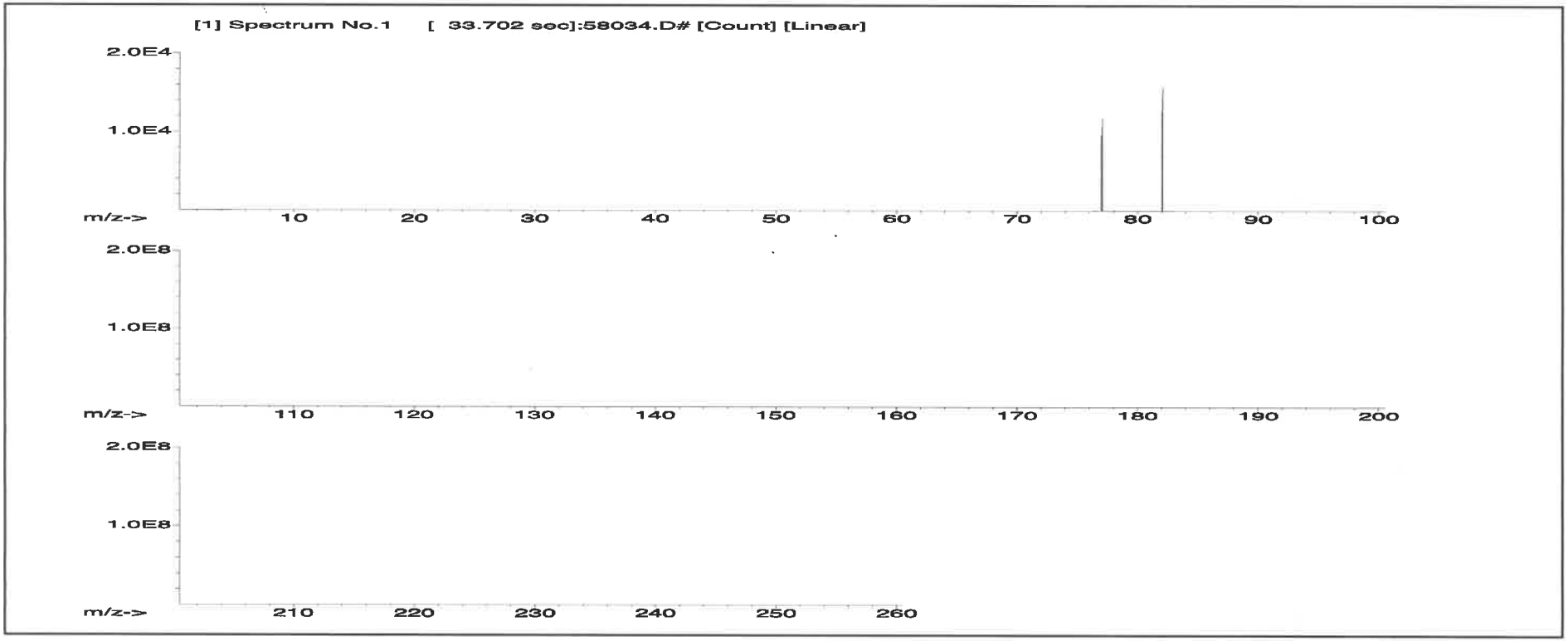
310

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57034**	24002546	Nitric Acid	
Lot Number:	**060624**			
Description:	**Selenium (Se)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060627			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan	060624
Reviewed By:	Pedro L. Rentas	060624

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Selenium (Se)	58134	071223	0.1000	200.0	0.084	1000	10002.5	**1000.0**	**2.2**	7782-49-2	0.2 mg/m3	orl-rat 6700 mg/kg	3149



311

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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CERTIFIED WEIGHT REPORT:

Part Number: 57003
Lot Number: 062124
Description: Lithium (Li)
Expiration Date: 062127
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Volume shown below was diluted to (mL): 250.11

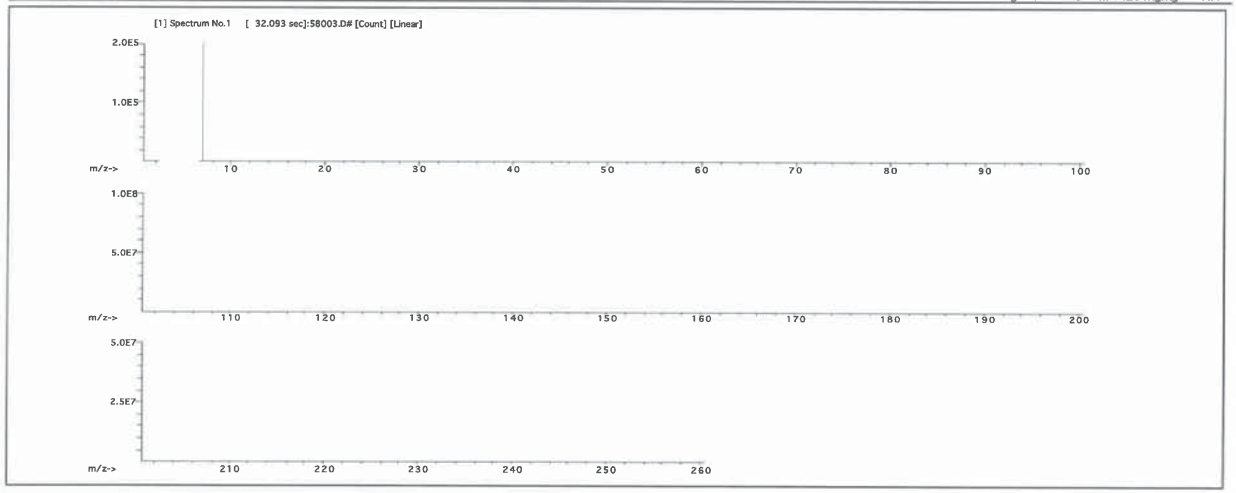
Lot #	Solvent:		
24002546	Nitric Acid		
2.0%	5.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.016 Flask Uncertainty

Giovanni Esposito
Formulated By: Giovanni Esposito 062124

Pedro Rentas
Reviewed By: Pedro L. Rentas 062124

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lithium nitrate (Li)	58103	070622	0.1000	25.0	0.004	1000	10000.4	**1000.0**	**2.0**	7790-69-4	5 mg/m3	orl-rat 1426 mg/kg	NA



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	T	Ni	<0.02	Pr	<0.02	Sc	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 — ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation

Certificate Approved By:

Michael Booth
Director, Technical

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

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M5978, M5979

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$
w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = (\Sigma(w_i)^2\ (u_{char\ i})^2)^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty
u_{lts} = long term stability standard uncertainty (storage)
u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with
$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization
u_{bb} = bottle to bottle homogeneity standard uncertainty
u_{lts} = long term stability standard uncertainty (storage)
u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

45982 R: 6/11/24

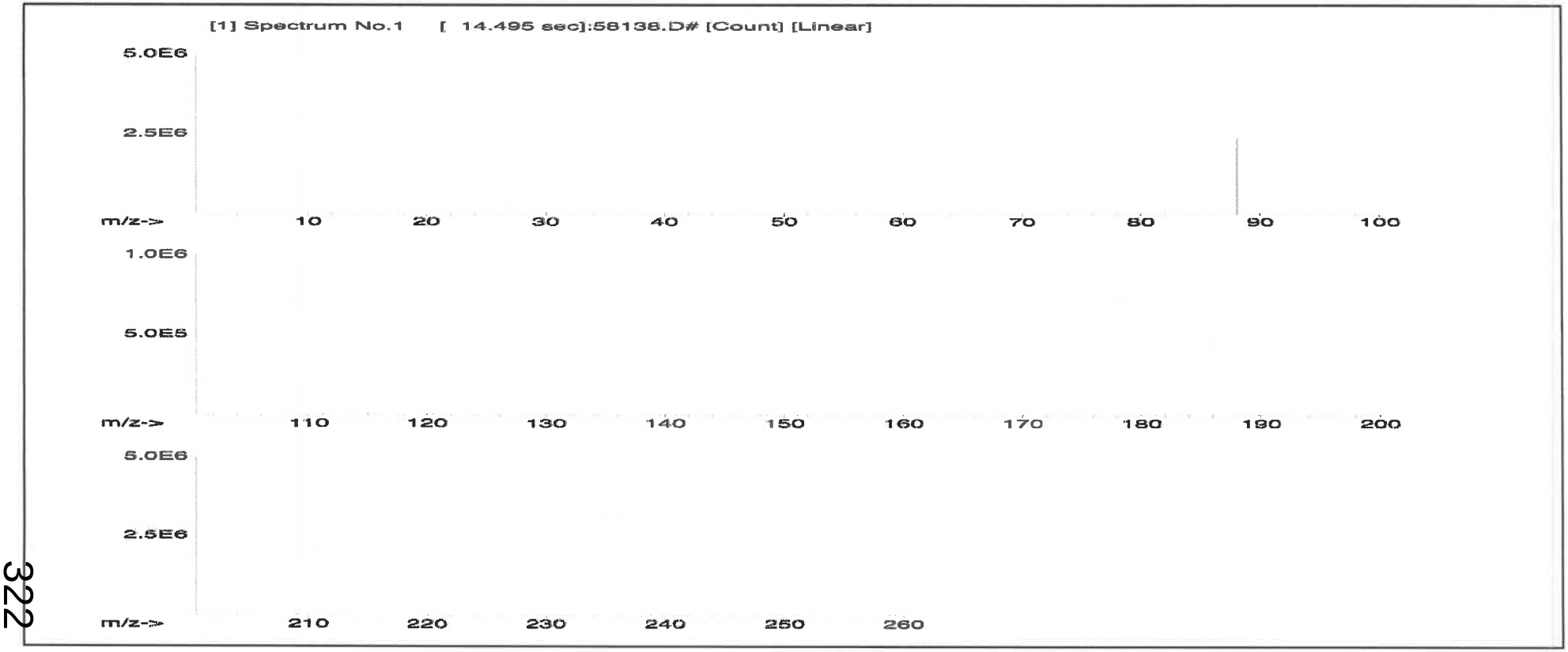
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number:	**57038**		**Lot #**		
Lot Number:	**031524**	**Solvent:**	24002546	Nitric Acid	
Description:	**Strontium (Sr)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	031527				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Formulated By:	Benson Chan	031524
Reviewed By:	Pedro L. Rentas	031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGY10
Lot Number:	V2-Y740548
Matrix:	2% (v/v) HNO3
Value / Analyte(s):	10 000 µg/mL ea: Yttrium
Starting Material:	Yttrium Oxide
Starting Material Lot#:	2661 and 06230520YL
Starting Material Purity:	99.9984%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 10000 ± 30 µg/mL

Density: 1.032 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1	**10011 ± 25 µg/mL** EDTA NIST SRM 928 Lot Number: 928
Assay Method #2	**9997 ± 50 µg/mL** ICP Assay NIST SRM 3167a Lot Number: 190730
Assay Method #3	**9984 ± 31 µg/mL** Calculated NIST SRM Lot Number: See Sec. 4.2

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.004600	M	Eu		0.009037	M	Na		0.086360	M	Se	<	0.005200	M	Zn		0.030125
M	Al		0.014862	O	Fe		0.002410	M	Nb	<	0.000570	O	Si		0.024100	O	Zr	<	0.002600
M	As	<	0.003500	M	Ga	<	0.000570	M	Nd		0.000923	M	Sm		0.000461				
M	Au	<	0.001700	M	Gd	<	0.003500	M	Ni	<	0.005700	M	Sn	<	0.002300				
O	B		0.002209	M	Ge	<	0.005200	M	Os	<	0.001200	M	Sr	<	0.004600				
O	Ba	<	0.002500	M	Hf	<	0.000570	n	P	<		M	Ta	<	0.000570				
O	Be	<	0.001400	M	Hg	<	0.000570	M	Pb		0.005020	M	Tb		0.001044				
M	Bi	<	0.003500	M	Ho		0.009037	M	Pd	<	0.005100	M	Te	<	0.002300				
O	Ca		0.009841	M	In	<	0.002300	M	Pr	<	0.002300	M	Th	<	0.000570				
M	Cd	<	0.000570	M	Ir	<	0.000570	M	Pt	<	0.000570	M	Ti	<	0.003500				
M	Ce	<	0.002300	O	K		0.018677	M	Rb	<	0.000570	M	Tl	<	0.000570				
M	Co	<	0.000570	M	La		0.000461	M	Re	<	0.000570	M	Tm	<	0.003500				
M	Cr	<	0.004000	O	Li	<	0.009300	M	Rh	<	0.008000	M	U	<	0.000570				
M	Cs	<	0.000570	M	Lu		0.000582	M	Ru	<	0.000570	M	V		0.001265				
M	Cu		0.002610	O	Mg		0.001486	n	S	<		M	W	<	0.002300				
M	Dy		0.003815	M	Mn		0.000582	M	Sb		0.005422	s	Y	<					
M	Er		0.003615	M	Mo	<	0.005700	M	Sc	<	0.001200	M	Yb		0.001827				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 88.91 +3 6 Y(OH)(H2O)x+2

Chemical Compatibility -Soluble in HCl, H2SO4 and HNO3. Avoid HF, H3PO4 and neutral to basic media. Stable with most metals and inorganic anions forming an insoluble carbonate, oxide, oxalate, and fluoride. Avoid mixing with elements / solutions containing moderate amounts of fluoride.

Stability - 2-100 ppb levels stable for months in 1% HNO3 / LDPE container. 1-10,000 ppm solutions chemically stable for years in 2-5% HNO3 / LDPE container.

Y Containing Samples (Preparation and Solution) - Metal (Soluble in acids); Oxide (Dissolve by heating in H2O/ HNO3); Ores (Carbonate fusion in Pt0 followed by HCl dissolution); Organic Matrices (Dry ash and dissolve in 1:1 H2O / HCl or HNO3).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 89 amu	0.8 ppt	N/A	73Ge16O, 178Hf+2
ICP-OES 360.073 nm	0.005 / 0.000036 µg/mL	1	Ce, Th
ICP-OES 371.030 nm	0.004 / 0.00007 µg/mL	1	Ce
ICP-OES 377.433 nm	0.005 / 0.0009 µg/mL	1	Ta, Th

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

February 20, 2024

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- February 20, 2029

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Custom Processing Supervisor

Certificate Approved By:

Muzzammil Khan
Stock Laboratory Supervisor

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

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MS985
R: 6/14/24

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 863.01 ACCREDITED Reference Material Producer Certificate 863.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGIN10
Lot Number:	U2-IN729349
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 000 µg/mL ea: Indium
Starting Material:	Indium Metal
Starting Material Lot#:	2511
Starting Material Purity:	99.9995%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 10022 ± 30 µg/mL

Density: 1.044 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1	**10021 ± 56 µg/mL** ICP Assay NIST SRM 3124a Lot Number: 110516
Assay Method #2	**10035 ± 25 µg/mL** EDTA NIST SRM 928 Lot Number: 928
Assay Method #3	**10001 ± 33 µg/mL** Calculated NIST SRM Lot Number: See Sec. 4.2

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000760	M	Eu	<	0.000760	O	Na		0.012771	M	Se	<	0.023000	M	Zn	<	0.006100
M	Al		0.003385	O	Fe		0.004462	M	Nb	<	0.000760	O	Si		0.024619	M	Zr	<	0.000760
M	As	<	0.004600	M	Ga	<	0.000760	M	Nd	<	0.000760	M	Sm	<	0.000760				
M	Au	<	0.002300	M	Gd	<	0.000760	O	Ni	<	0.005100	M	Sn	<	0.000760				
O	B		0.003692	M	Ge	<	0.001600	M	Os	<	0.000760	O	Sr	<	0.000610				
M	Ba	<	0.001600	M	Hf	<	0.000760	n	P	<		M	Ta	<	0.000760				
O	Be	<	0.000130	M	Hg	<	0.003100	M	Pb		0.001400	M	Tb	<	0.000760				
M	Bi	<	0.000760	M	Ho	<	0.000760	M	Pd	<	0.001600	M	Te	<	0.000760				
O	Ca		0.004616	s	In	<		M	Pr	<	0.000760	M	Th	<	0.000760				
M	Cd	<	0.000760	M	Ir	<	0.000760	M	Pt	<	0.000760	O	Ti	<	0.001100				
M	Ce	<	0.000760	O	K		0.007078	M	Rb	<	0.000760	M	Tl	<	0.000760				
M	Co	<	0.000760	M	La	<	0.000760	M	Re	<	0.000760	M	Tm	<	0.000760				
O	Cr	<	0.001300	O	Li	<	0.000130	M	Rh	<	0.000760	M	U	<	0.000760				
M	Cs	<	0.000760	M	Lu	<	0.000760	M	Ru	<	0.000760	M	V	<	0.001600				
M	Cu	<	0.003800	O	Mg		0.000707	n	S	<		M	W	<	0.001600				
M	Dy	<	0.000760	O	Mn		0.000149	M	Sb	<	0.000760	M	Y	<	0.000760				
M	Er	<	0.000760	M	Mo	<	0.002300	M	Sc	<	0.000760	M	Yb	<	0.000760				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 114.82 +3 6 In(H2O)6+3

Chemical Compatibility -Soluble in HCl, HNO3, and H2SO4. Avoid neutral and basic media. Stable with most metals and inorganic anions. The oxalate, sulfide, carbonate, hydroxide and phosphate are insoluble in water.

Stability - 2-100 ppb levels stable for months in 1% HNO3 / LDPE container. 1-10,000 ppm solutions chemically stable for years in 2-5% HNO3 / LDPE container.

In Containing Samples (Preparation and Solution) -Metal (Best dissolved in HCl / HNO3); Oxide (Soluble in mineral acids); Ores (Carbonate fusion in Pt0 followed by HCl dissolution); Organic Matrices (Sulfuric/peroxide digestion or dry ash and dissolution in dilute HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 115 amu	1 ppt	n/a	115Sn, 99Ru16O
ICP-OES 158.583 nm	0.05 / 0.002 µg/mL	1	
ICP-OES 230.606 nm	0.1 / 0.03 µg/mL	1	Ni, Os
ICP-OES 325.609 nm	0.2 / 0.05 µg/mL	1	Mn, Mo, Th

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

February 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- February 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium, 1 000 µg/mL ea: Iron, 500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt, 250 µg/mL ea: Copper, 200 µg/mL ea: Chromium, 50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

336

CERTIFIED WEIGHT REPORT:

Part Number:	**58113**			**Lot #**	
Lot Number:	**011623**	**Solvent:**	20510011	Nitric Acid	
Description:	**Aluminum (Al)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

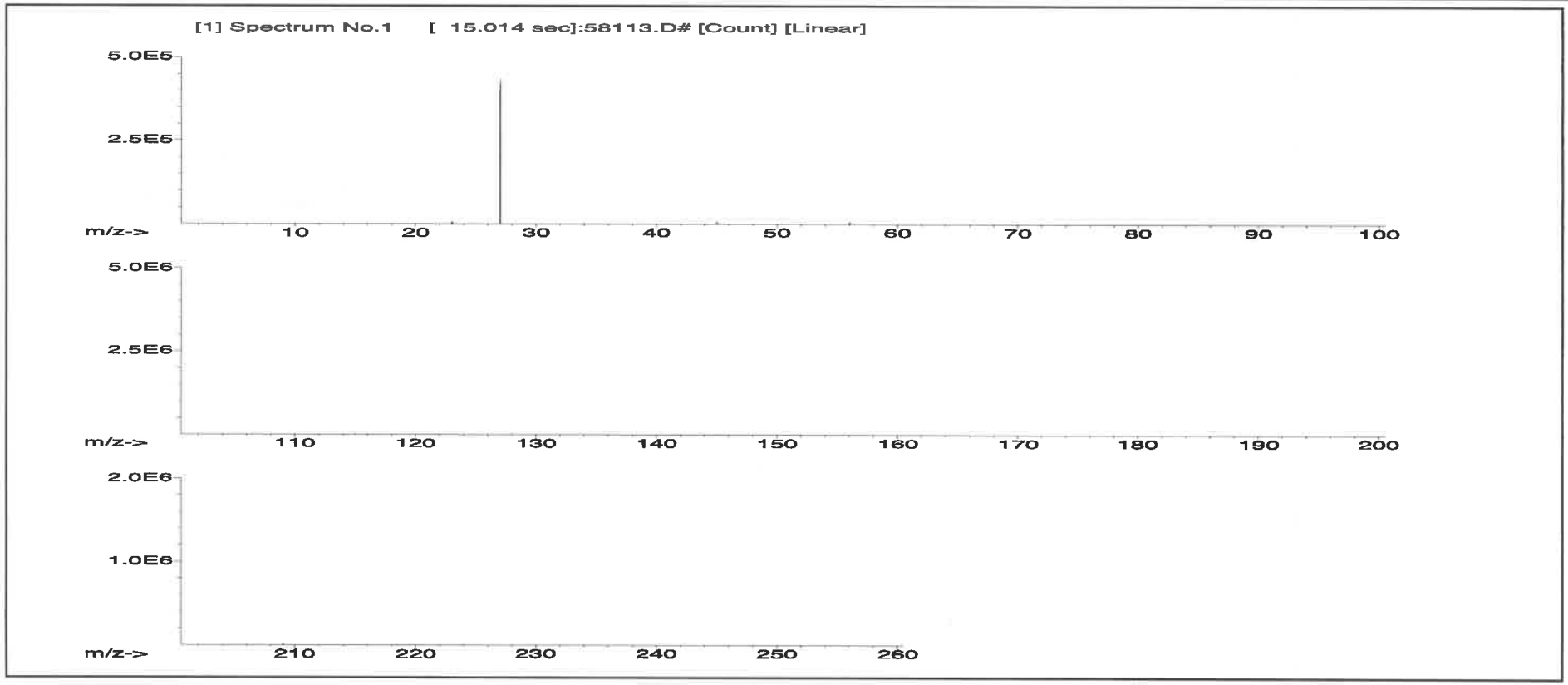
Giovanni Esposito

Formulated By:	Giovanni Esposito	011623

Pedro Rentas

Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

For questions on this Certificate of Analysis please contact Technical Services at 855 282 6867 or +1 610 386 1700

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

M6109
M6110
M6111

Received date 9/29/24 Met dig.

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 22F0762009
Manufactured Date: 2022-05-10
Retest Date: 2027-05-09
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid-base titrn)	36.5 – 38.0 %	37.6 %
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.190
ACS – Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS – Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS – Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities – Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities – Aluminum (Al)	≤ 10.0 ppb	0.8 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities – Barium (Ba)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Beryllium (Be)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Bismuth (Bi)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	14.9 ppb
Trace Impurities – Chromium (Cr)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities – Gold (Au)	≤ 4.0 ppb	0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities – Iron (Fe)	≤ 15 ppb	6 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 22F0762009

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.5 ppb
Trace Impurities - Lithium (Li)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb	0.8 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	0.1 ppb
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 3.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	< 0.3 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 2.0 ppb
Trace Impurities - Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	1.0 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities - Sodium (Na)	≤ 100.0 ppb	0.7 ppb
Trace Impurities - Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities - Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.8 ppb
Trace Impurities - Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	0.8 ppb
Trace Impurities - Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 22F0762009

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier

Jamie Ethier
Vice President Global Quality

Nitric Acid 69%
CMOS

M6112
M6113
M6114
M6115
M6116
M6117

Receive:
9/29/24
Met dig

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.6 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	< 1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	< 0.2 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	3 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	1 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Nitric Acid 69%
CMOS

M6112
M6113
M6114
M6115
M6116
M6117

Receive:
9/29/24
Met dig

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.6 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	< 1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	< 0.2 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	3 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	1 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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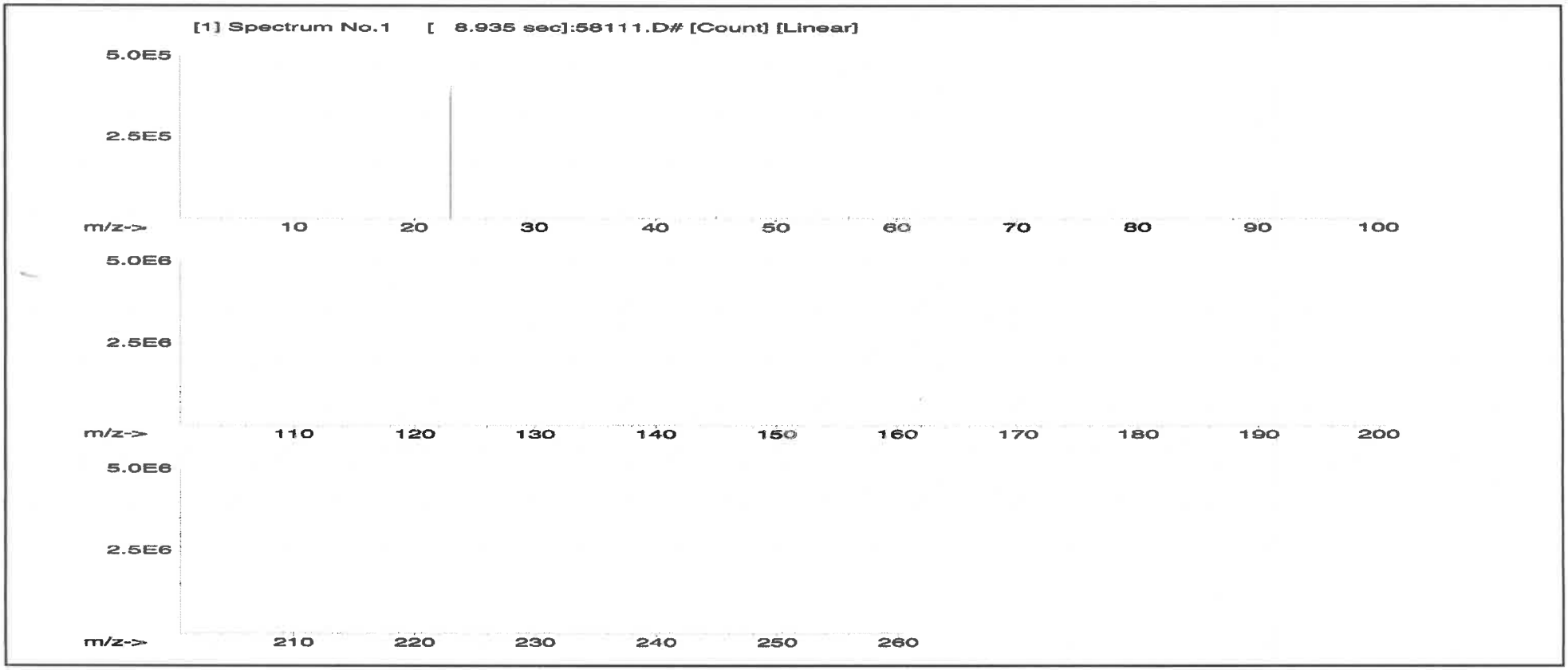
CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**58111**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**122223**			
Description:	**Sodium (Na)**	2%	60.0 (mL)	Nitric Acid
Expiration Date:	122226			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	3000.4	0.06	Flask Uncertainty	

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 01/03/24 M5802, M5803

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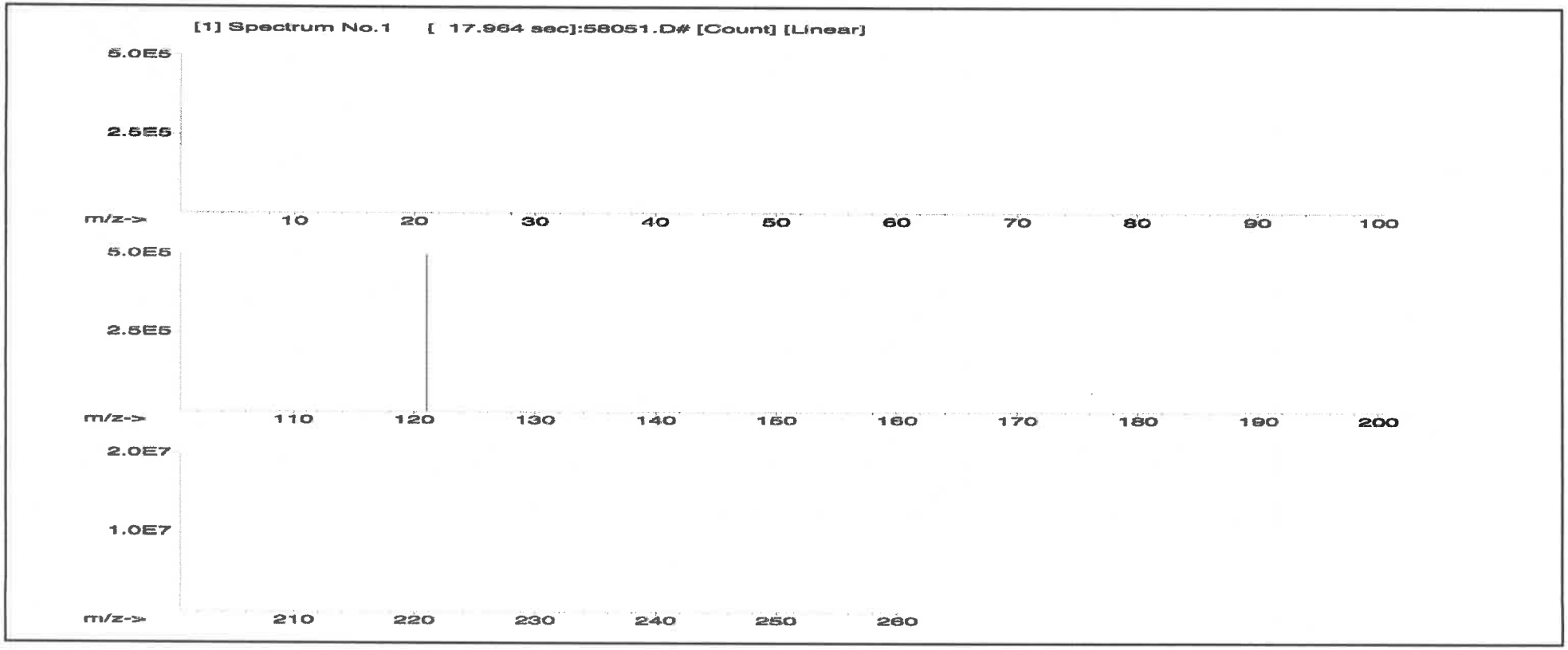
351

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57051**	24002546	Nitric Acid	
Lot Number:	**120523**			
Description:	**Antimony (Sb)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	120526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



352

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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M6030

R: 8/5/24

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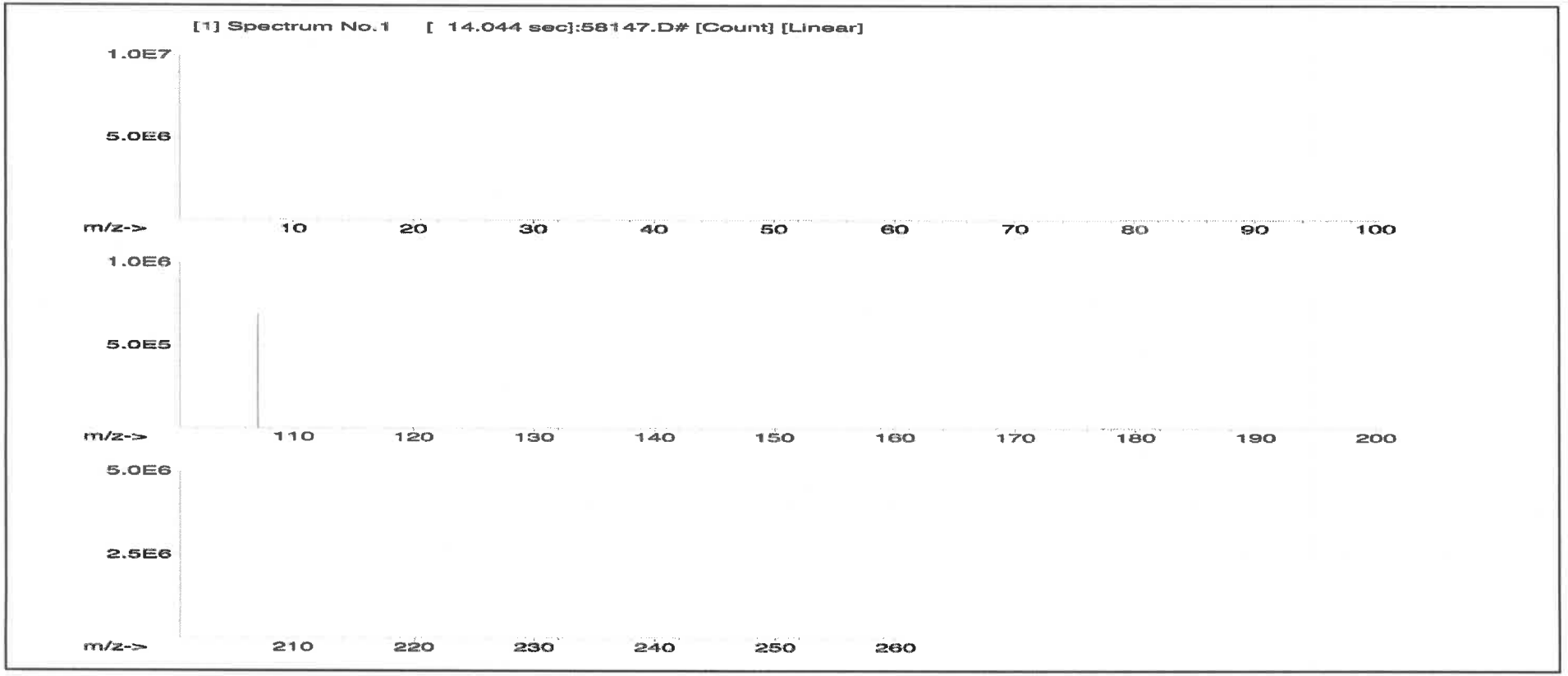
353

CERTIFIED WEIGHT REPORT:

Part Number:	**57047**			**Lot #**	
Lot Number:	**122823**	**Solvent:**	24002546	Nitric Acid	
Description:	**Silver (Ag)**	2%	80.0 (mL)	Nitric Acid	
Expiration Date:	122826				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.30	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	122823
Reviewed By:	Pedro L. Rentas	122823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Silver nitrate (Ag)	IN035	J0612AGA1	1000.0	99.9999	0.10	63.7	6.27992	6.27998	**1000.0**	**2.0**	7761-88-8	10 ug/m3	NA	3151



354

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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R: 03/16/23 M5473, M5474, M5475, M5476

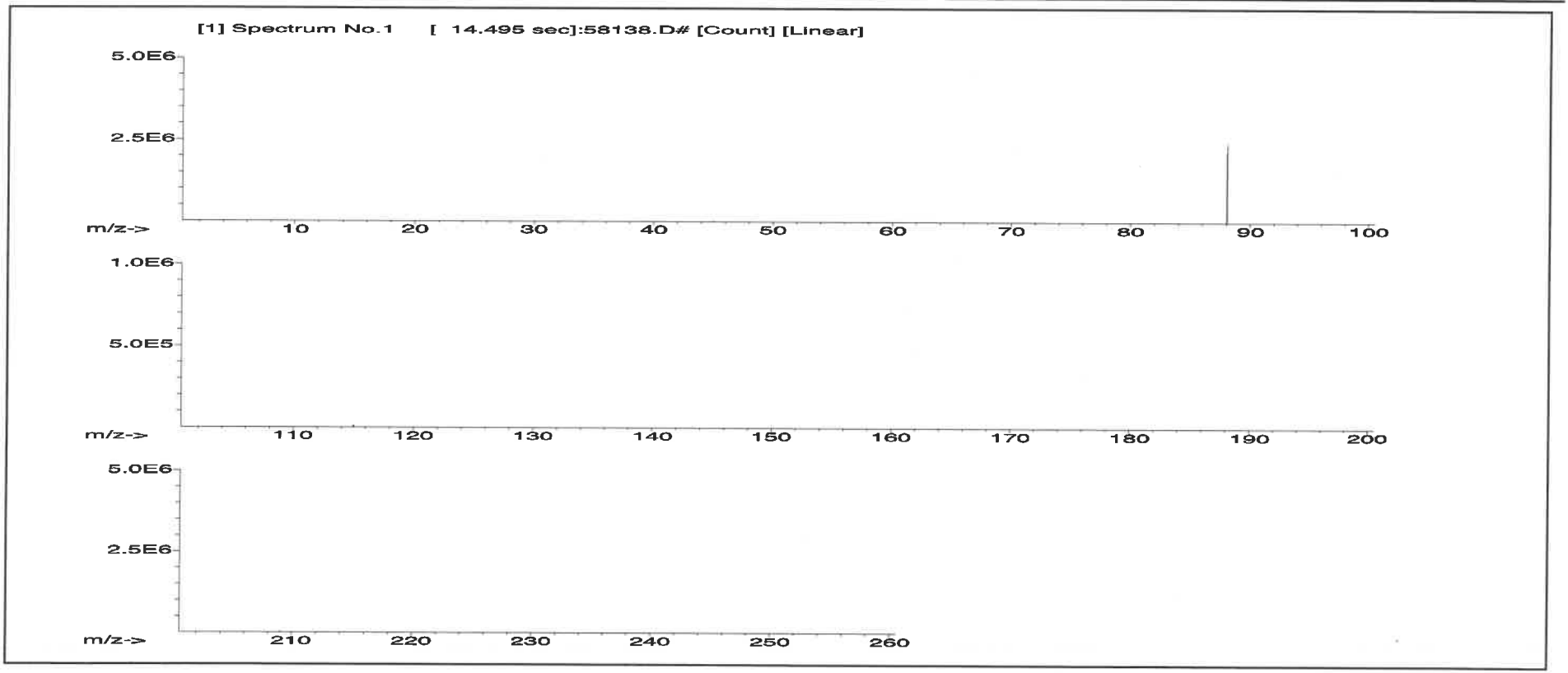
355

CERTIFIED WEIGHT REPORT:

Part Number:	**56138**		**Lot #**		
Lot Number:	**082922**	**Solvent:**	20510011	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	20.0 (mL)	Nitric Acid	
Expiration Date:	082925				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	1000.12	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



356

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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B ! 8/5/24

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357

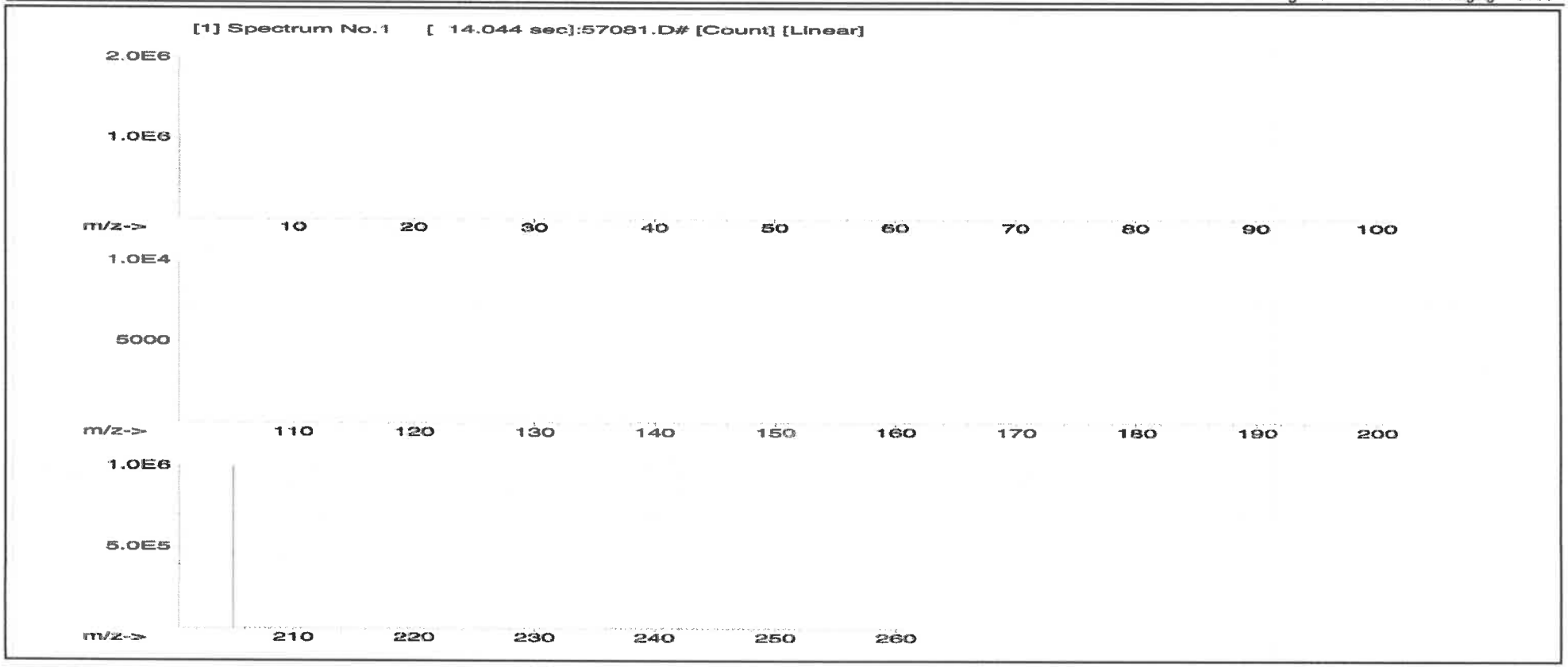
CERTIFIED WEIGHT REPORT:

Part Number:	**57081**		**Lot #**		
Lot Number:	**062724**	**Solvent:**	24002546	Nitric Acid	
Description:	**Thallium (Tl)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	062727				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.1	0.10	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	062724
Reviewed By:	Pedro L. Rentas	062724

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Thallium nitrate (Tl)	IN037	BCCF4399	1000	99.999	0.10	77.0	2.5975	2.5977	**1000.1**	**2.0**	10102-45-1	0.1 mg/m3	orl-mus 15mg/kg	3158



358

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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Rc. 8/5/24

359

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**	24002546	Nitric Acid	
Lot Number:	**062424**			
Description:	**Vanadium (V)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

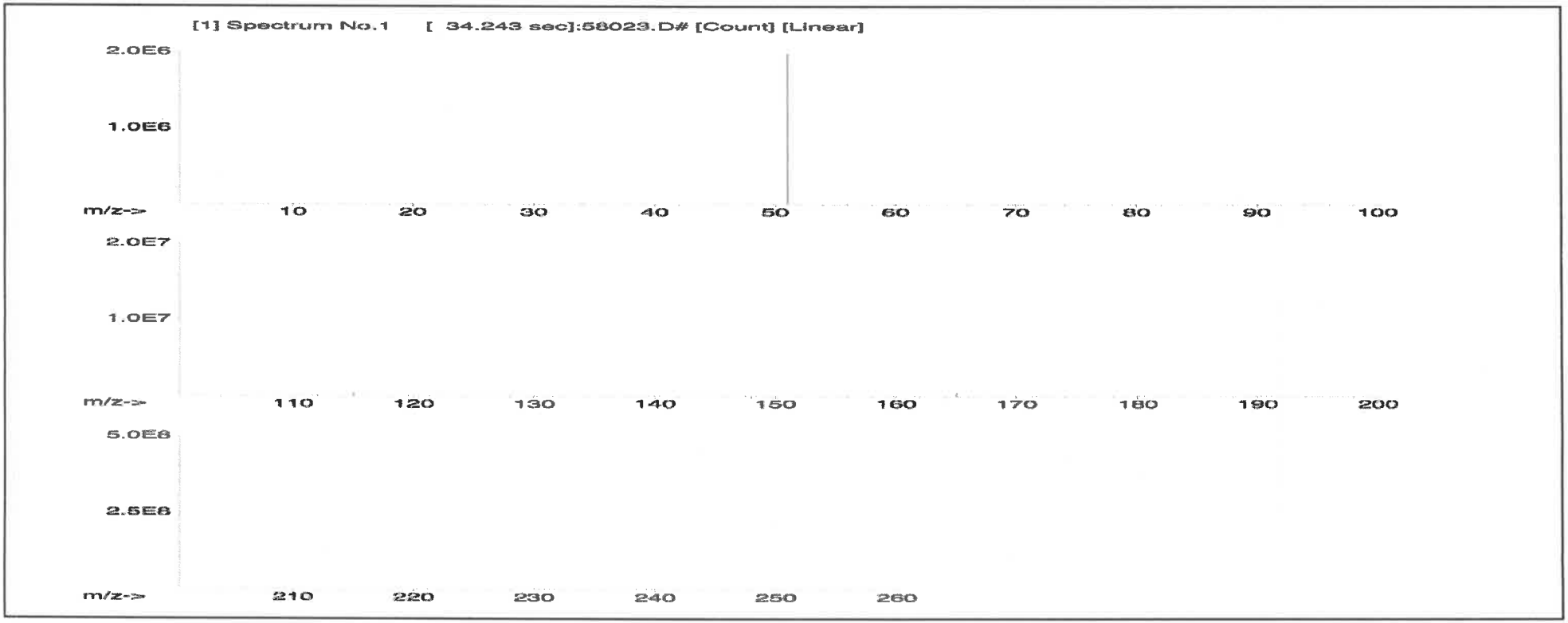
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



360

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164600

SOP ID : M3050B-Digestion-20, MSFAM01.1-Trace Metals-2

SDG No : MYE4Y7

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #5 2. N/A

Start Digest Date: 11/03/2024 **Time :** 10:00 **Temp :** 95 °C

End Digest Date: 11/03/2024 **Time :** 13:00 **Temp :** 95 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: JSP

Supervisor Signature:

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	MP83141
LCSSD	0.50	MP83141
Spike Sol 6	2.00	MP83147
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP81119
1:1 HCL	5.00	MP82127
Conc. HNO3	5.00	M6112
30% H2O2	3.00	M5634
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #5 CELL #34 : 95 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/3/24 13:10	JSP Met dig	TJ Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164600

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4538-01	MYE4Y7	N/A	1.42	100	Brown	Yellow	Medium	N/A	N/A	1
P4538-02	MYE4Y8	N/A	1.41	100	Brown	Yellow	Medium	N/A	N/A	2
P4538-03	MYE4Y9	N/A	1.20	100	Brown	Yellow	Medium	N/A	N/A	3
P4538-04	MYE4Z0	N/A	1.15	100	Brown	Yellow	Medium	N/A	N/A	4
P4538-05	MYE4Z1	N/A	1.22	100	Brown	Yellow	Medium	N/A	N/A	5
P4538-06	MYE4Z2	N/A	1.37	100	Brown	Yellow	Medium	N/A	N/A	6
P4538-07	MYE4Z3	N/A	1.27	100	Brown	Yellow	Medium	N/A	N/A	7
P4538-08	MYE4Z4	N/A	1.36	100	Brown	Yellow	Medium	N/A	N/A	8
P4538-09	MYE4Z5	N/A	1.19	100	Brown	Yellow	Medium	N/A	N/A	9
P4538-10	MYE4Z6	N/A	1.29	100	Brown	Yellow	Medium	N/A	N/A	10
P4538-11	MYE4Z6D	N/A	1.30	100	Brown	Yellow	Medium	N/A	N/A	12
P4538-12	MYE4Z6S	N/A	1.30	100	Brown	Yellow	Medium	N/A	MP83147	29
P4538-13	MYE4Z7	N/A	1.30	100	Brown	Yellow	Medium	N/A	N/A	14
P4538-14	MYE4Z8	N/A	1.47	100	Brown	Yellow	Medium	N/A	N/A	15
P4538-15	MYE4Z9	N/A	1.39	100	Brown	Yellow	Medium	N/A	N/A	16
P4538-16	MYE500	N/A	1.09	100	Brown	Yellow	Medium	N/A	N/A	17
P4538-17	MYE501	N/A	1.41	100	Brown	Yellow	Medium	N/A	N/A	18
P4538-18	MYE502	N/A	1.13	100	Brown	Yellow	Medium	N/A	N/A	19
P4538-19	MYE503	N/A	1.36	100	Brown	Yellow	Medium	N/A	N/A	20
P4538-20	MYE504	N/A	1.12	100	Brown	Yellow	Medium	N/A	N/A	21
P4538-21	MYE505	N/A	1.19	100	Brown	Yellow	Medium	N/A	N/A	22
PB164600BL	PBS600	N/A	1.00	100	Colorless	Colorless	Fine	N/A	N/A	23
PB164600BS	LCS600	N/A	1.00	100	Colorless	Colorless	Fine	N/A	MP83141	27
PB164600BSD	LCSD600	N/A	1.00	100	Colorless	Colorless	Fine	N/A	MP83141	28

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB133379

Review By	Sarabjit Jaswal	Review On	11/13/2024 3:15:58 AM
Supervise By	Mohan Bera	Supervise On	11/13/2024 3:17:23 AM

STD. NAME	STD REF.#
ICAL Standard	MP83134,MP83142,MP83140,MP83139,MP83138,MP83137,MP83136
ICV Standard	MP83143
CCV Standard	MP83146
ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/09/24 16:11		Kareem	OK
2	S1	S01	CAL2	11/09/24 16:15		Kareem	OK
3	S2	S02	CAL3	11/09/24 16:20		Kareem	OK
4	S3	S03	CAL4	11/09/24 16:24		Kareem	OK
5	S4	S04	CAL5	11/09/24 16:29		Kareem	OK
6	S5	S05	CAL6	11/09/24 16:33		Kareem	OK
7	S6	S06	CAL7	11/09/24 16:37		Kareem	OK
8	ICV007	ICV007	ICV	11/09/24 16:52	Inst. paused for calibration review	Kareem	OK
9	ICB007	ICB007	ICB	11/09/24 16:56		Kareem	OK
10	ICSA007	ICSA007	ICSA	11/09/24 17:01		Kareem	OK
11	ICSAB007	ICSAB007	ICSAB	11/09/24 17:05		Kareem	OK
12	CCV045	CCV045	CCV	11/09/24 17:10		Kareem	OK
13	CCB045	CCB045	CCB	11/09/24 17:14		Kareem	OK
14	PB164598BL	PBS598	MB	11/09/24 17:19		Kareem	OK
15	PB164598BS	LCS598	LCS	11/09/24 17:23		Kareem	OK
16	PB164600BL	PBS600	MB	11/09/24 17:28		Kareem	OK
17	PB164600BS	LCS600	LCS	11/09/24 17:32		Kareem	OK
18	PB164623BL	PBS623	MB	11/09/24 17:37		Kareem	OK

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ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

19	PB164623BS	LCS623	LCS	11/09/24 17:41		Kareem	OK
20	PB164633BL	PBS633	MB	11/09/24 17:55		Kareem	OK
21	PB164633BS	LCS633	LCS	11/09/24 18:00		Kareem	OK
22	PB164598BSD	LCSD598	LCSD	11/09/24 18:04		Kareem	OK
23	PB164600BSD	LCSD600	LCSD	11/09/24 18:09		Kareem	OK
24	PB164623BSD	LCSD623	LCSD	11/09/24 18:13		Kareem	OK
25	PB164633BSD	LCSD633	LCSD	11/09/24 18:22		Kareem	OK
26	P4524-01DL	MYE4W0	SAM	11/09/24 18:27		Kareem	OK
27	P4524-02DL	MYE4W1	SAM	11/09/24 18:31		Kareem	OK
28	P4524-03DL	MYE4W2	SAM	11/09/24 18:36		Kareem	OK
29	P4524-04DL	MYE4W3	SAM	11/09/24 18:40		Kareem	OK
30	P4524-05DL	MYE4W4	SAM	11/09/24 18:45		Kareem	OK
31	CCV046	CCV046	CCV	11/09/24 18:49		Kareem	OK
32	CCB046	CCB046	CCB	11/09/24 18:53		Kareem	OK
33	PB164631BL	PBS631	MB	11/09/24 18:58		Kareem	OK
34	PB164631BS	LCS631	LCS	11/09/24 19:02		Kareem	OK
35	PB164631BSD	LCSD631	LCSD	11/09/24 19:07		Kareem	OK
36	P4524-06DL	MYE4W5	SAM	11/09/24 19:21		Kareem	OK
37	P4524-07DL	MYE4W5D	DUP	11/09/24 19:25		Kareem	OK
38	P4524-06LDL	MYE4W5L	SD	11/09/24 19:29		Kareem	OK

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CCV Standard	MP83146
ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

39	P4524-08DL	MYE4W5S	MS	11/09/24 19:34		Kareem	OK
40	P4524-09DL	MYE4W6	SAM	11/09/24 19:38		Kareem	OK
41	P4524-10DL	MYE4W7	SAM	11/09/24 19:43		Kareem	OK
42	P4524-11DL	MYE4Y0	SAM	11/09/24 19:47		Kareem	OK
43	P4524-12DL	MYE4Y1	SAM	11/09/24 19:52		Kareem	OK
44	P4524-13DL	MYE4Y2	SAM	11/09/24 19:56		Kareem	OK
45	P4524-14DL	MYE4Y3	SAM	11/09/24 20:00		Kareem	OK
46	P4524-15DL	MYE4Y4	SAM	11/09/24 20:05		Kareem	OK
47	P4524-16DL	MYE4Y5	SAM	11/09/24 20:09		Kareem	OK
48	P4524-17DL	MYE4Y6	SAM	11/09/24 20:14		Kareem	OK
49	P4538-01DL	MYE4Y7	SAM	11/09/24 20:18		Kareem	OK
50	P4538-02DL	MYE4Y8	SAM	11/09/24 20:23		Kareem	OK
51	CCV047	CCV047	CCV	11/09/24 20:27		Kareem	OK
52	CCB047	CCB047	CCB	11/09/24 20:31		Kareem	OK
53	P4538-03DL	MYE4Y9	SAM	11/09/24 20:36		Kareem	OK
54	P4538-04DL	MYE4Z0	SAM	11/09/24 20:40		Kareem	OK
55	P4538-05DL	MYE4Z1	SAM	11/09/24 20:45		Kareem	OK
56	P4538-06DL	MYE4Z2	SAM	11/09/24 20:49		Kareem	OK
57	P4538-07DL	MYE4Z3	SAM	11/09/24 20:53		Kareem	OK
58	P4538-08DL	MYE4Z4	SAM	11/09/24 20:58		Kareem	OK

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ICV Standard	MP83143
CCV Standard	MP83146
ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

59	P4538-09DL	MYE4Z5	SAM	11/09/24 21:02		Kareem	OK
60	P4538-10DL	MYE4Z6	SAM	11/09/24 21:07		Kareem	OK
61	P4538-11DL	MYE4Z6D	DUP	11/09/24 21:11		Kareem	OK
62	P4538-10LDL	MYE4Z6L	SD	11/09/24 21:16		Kareem	OK
63	P4538-12DL	MYE4Z6S	MS	11/09/24 21:20		Kareem	OK
64	P4538-13DL	MYE4Z7	SAM	11/09/24 21:24		Kareem	OK
65	P4538-14DL	MYE4Z8	SAM	11/09/24 21:29		Kareem	OK
66	P4538-15DL	MYE4Z9	SAM	11/09/24 21:33		Kareem	OK
67	P4538-16DL	MYE500	SAM	11/09/24 21:38		Kareem	OK
68	P4538-17DL	MYE501	SAM	11/09/24 21:42		Kareem	OK
69	P4538-18DL	MYE502	SAM	11/09/24 21:47		Kareem	OK
70	P4538-19DL	MYE503	SAM	11/09/24 21:51		Kareem	OK
71	P4538-20DL	MYE504	SAM	11/09/24 21:55		Kareem	OK
72	P4538-21DL	MYE505	SAM	11/09/24 22:00		Kareem	OK
73	CCV048	CCV048	CCV	11/09/24 22:04		Kareem	OK
74	CCB048	CCB048	CCB	11/09/24 22:09		Kareem	OK
75	P4541-01DL	MYE5B3	SAM	11/09/24 22:14		Kareem	OK
76	P4541-02DL	MYE5B4	SAM	11/09/24 22:18		Kareem	OK
77	P4541-03DL	MYE5B5	SAM	11/09/24 22:23		Kareem	OK
78	P4541-04DL	MYE5B6	SAM	11/09/24 22:27		Kareem	OK

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ICV Standard	MP83143
CCV Standard	MP83146
ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

79	P4541-05DL	MYE5B7	SAM	11/09/24 22:32		Kareem	OK
80	P4541-06DL	MYE5B7D	DUP	11/09/24 22:36		Kareem	OK
81	P4541-05LDL	MYE5B7L	SD	11/09/24 22:41		Kareem	OK
82	P4541-07DL	MYE5B7S	MS	11/09/24 22:45	MS fail for Sb(Below RL),Cu(1035 ppb),Zn(931 ppb)	Kareem	OK
83	P4541-08DL	MYE5B8	SAM	11/09/24 22:49		Kareem	OK
84	P4541-09DL	MYE5B9	SAM	11/09/24 22:54		Kareem	OK
85	P4541-10DL	MYE5C0	SAM	11/09/24 22:58		Kareem	OK
86	P4541-11DL	MYE5C1	SAM	11/09/24 23:03		Kareem	OK
87	P4541-12DL	MYE5C2	SAM	11/09/24 23:07		Kareem	OK
88	P4541-13DL	MYE5C3	SAM	11/09/24 23:12		Kareem	OK
89	P4541-14DL	MYE5C4	SAM	11/09/24 23:16		Kareem	OK
90	P4541-15DL	MYE5C5	SAM	11/09/24 23:20		Kareem	OK
91	P4541-16DL	MYE5C6	SAM	11/09/24 23:25		Kareem	OK
92	P4541-17DL	MYE5C7	SAM	11/09/24 23:29		Kareem	OK
93	P4541-18DL	MYE5C8	SAM	11/09/24 23:34		Kareem	OK
94	P4541-19DL	MYE5C9	SAM	11/09/24 23:38		Kareem	OK
95	CCV049	CCV049	CCV	11/09/24 23:43		Kareem	OK
96	CCB049	CCB049	CCB	11/09/24 23:47		Kareem	OK
97	P4541-20DL	MYE5D0	SAM	11/09/24 23:51	Not Use	Kareem	Not Ok

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Instrument ID: P5

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CCV Standard	MP83146
ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

98	P4541-21DL	MYE5D1	SAM	11/09/24 23:56		Kareem	OK
99	P4541-22DL	MYE5D2	SAM	11/10/24		Kareem	OK
100	P4542-01DL	MYE5D3	SAM	11/10/24 00:05		Kareem	OK
101	P4542-02DL	MYE5D4	SAM	11/10/24 00:09		Kareem	OK
102	P4542-03DL	MYE5D5	SAM	11/10/24 00:14		Kareem	OK
103	P4542-04DL	MYE5D6	SAM	11/10/24 00:18		Kareem	OK
104	P4542-05DL	MYE5D6D	DUP	11/10/24 00:22		Kareem	OK
105	P4542-04LDL	MYE5D6L	SD	11/10/24 00:27		Kareem	OK
106	P4542-06DL	MYE5D6S	MS	11/10/24 00:31	MS fail for As(140 ppb),Cu(1023 ppb)	Kareem	OK
107	P4542-07DL	MYE5D7	SAM	11/10/24 00:36		Kareem	OK
108	P4542-08DL	MYE5D8	SAM	11/10/24 00:40		Kareem	OK
109	P4542-09DL	MYE5D9	SAM	11/10/24 00:44		Kareem	OK
110	P4542-10DL	MYE5E0	SAM	11/10/24 00:49		Kareem	OK
111	P4542-11DL	MYE5E1	SAM	11/10/24 00:53		Kareem	OK
112	P4542-12DL	MYE5E2	SAM	11/10/24 00:58		Kareem	OK
113	P4542-13DL	MYE5E3	SAM	11/10/24 01:02		Kareem	OK
114	P4542-14DL	MYE5E4	SAM	11/10/24 01:07	Not Use	Kareem	Not Ok
115	P4542-15DL	MYE5E5	SAM	11/10/24 01:11		Kareem	OK
116	P4542-16DL	MYE5E6	SAM	11/10/24 01:15		Kareem	OK

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ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

117	CCV050	CCV050	CCV	11/10/24 01:20		Kareem	OK
118	CCB050	CCB050	CCB	11/10/24 01:24		Kareem	OK
119	P4542-17DL	MYE5E7	SAM	11/10/24 01:29		Kareem	OK
120	P4542-18DL	MYE5E8	SAM	11/10/24 01:33		Kareem	OK
121	P4542-19DL	MYE5E9	SAM	11/10/24 01:38		Kareem	OK
122	P4542-20DL	MYE5F0	SAM	11/10/24 01:42		Kareem	OK
123	P4542-21DL	MYE5F1	SAM	11/10/24 01:46		Kareem	OK
124	P4542-22DL	MYE5F2	SAM	11/10/24 01:51		Kareem	OK
125	P4543-01DL	MYE5F3	SAM	11/10/24 01:55		Kareem	OK
126	P4543-02DL	MYE5F4	SAM	11/10/24 02:00		Kareem	OK
127	P4543-03DL	MYE5F5	SAM	11/10/24 02:04		Kareem	OK
128	P4543-04DL	MYE5F5D	DUP	11/10/24 02:09		Kareem	OK
129	P4543-03LDL	MYE5F5L	SD	11/10/24 02:13		Kareem	OK
130	P4543-05DL	MYE5F5S	MS	11/10/24 02:17	MS fail for for As(182 ppb)	Kareem	OK
131	P4543-06DL	MYE5F6	SAM	11/10/24 02:22		Kareem	OK
132	P4543-07DL	MYE5F7	SAM	11/10/24 02:26		Kareem	OK
133	P4543-08DL	MYE5F8	SAM	11/10/24 02:31		Kareem	OK
134	P4543-09DL	MYE5F9	SAM	11/10/24 02:35		Kareem	OK
135	P4543-10DL	MYE5G0	SAM	11/10/24 02:40		Kareem	OK
136	P4543-11DL	MYE5G2	SAM	11/10/24 02:44		Kareem	OK

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CCV Standard	MP83146
ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

137	P4543-12DL	MYE5G3	SAM	11/10/24 02:48		Kareem	OK
138	P4543-13DL	MYE506	SAM	11/10/24 02:53		Kareem	OK
139	CCV051	CCV051	CCV	11/10/24 02:57		Kareem	OK
140	CCB051	CCB051	CCB	11/10/24 03:02		Kareem	OK
141	P4543-14DL	MYE507	SAM	11/10/24 03:06		Kareem	OK
142	P4543-15DL	MYE508	SAM	11/10/24 03:10		Kareem	OK
143	P4543-16DL	MYE509	SAM	11/10/24 03:15		Kareem	OK
144	P4543-17DL	MYE510	SAM	11/10/24 03:19		Kareem	OK
145	P4543-18DL	MYE511	SAM	11/10/24 03:24		Kareem	OK
146	P4543-19DL	MYE512	SAM	11/10/24 03:28		Kareem	OK
147	P4543-20DL	MYE513	SAM	11/10/24 03:33		Kareem	OK
148	P4543-21DL	MYE514	SAM	11/10/24 03:37		Kareem	OK
149	P4543-22DL	MYE515	SAM	11/10/24 03:42		Kareem	OK
150	PB164626BL	PBS626	MB	11/10/24 03:46		Kareem	OK
151	PB164626BS	LCS626	LCS	11/10/24 03:51		Kareem	OK
152	PB164626BSD	LCSD626	LCSD	11/10/24 03:55		Kareem	OK
153	PB164628BL	PBS628	MB	11/10/24 04:13		Kareem	OK
154	PB164628BS	LCS628	LCS	11/10/24 04:18		Kareem	OK
155	PB164628BSD	LCSD628	LCSD	11/10/24 04:22		Kareem	OK
156	P4569-01DL	MYE516	SAM	11/10/24 04:27		Kareem	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB133379

Review By	Sarabjit Jaswal	Review On	11/13/2024 3:15:58 AM
Supervise By	Mohan Bera	Supervise On	11/13/2024 3:17:23 AM

STD. NAME	STD REF.#
ICAL Standard	MP83134,MP83142,MP83140,MP83139,MP83138,MP83137,MP83136
ICV Standard	MP83143
CCV Standard	MP83146
ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

157	P4569-02DL	MYE517	SAM	11/10/24 04:31		Kareem	OK
158	CCV052	CCV052	CCV	11/10/24 04:36		Kareem	OK
159	CCB052	CCB052	CCB	11/10/24 04:40		Kareem	OK
160	P4569-03DL	MYE518	SAM	11/10/24 04:44		Kareem	OK
161	P4569-04DL	MYE519	SAM	11/10/24 04:49		Kareem	OK
162	P4569-05DL	MYE519D	DUP	11/10/24 04:53		Kareem	OK
163	P4569-04LDL	MYE519L	SD	11/10/24 04:58		Kareem	OK
164	P4569-06DL	MYE519S	MS	11/10/24 05:02	MS fail for Cu(1099 ppb),Zn(978 ppb)	Kareem	OK
165	P4569-07DL	MYE520	SAM	11/10/24 05:07		Kareem	OK
166	P4569-08DL	MYE521	SAM	11/10/24 05:11		Kareem	OK
167	P4569-09DL	MYE522	SAM	11/10/24 05:15		Kareem	OK
168	P4569-10DL	MYE523	SAM	11/10/24 05:20		Kareem	OK
169	P4569-11DL	MYE524	SAM	11/10/24 05:24		Kareem	OK
170	P4569-12DL	MYE525	SAM	11/10/24 05:29		Kareem	OK
171	P4569-13DL	MYE526	SAM	11/10/24 05:33		Kareem	OK
172	P4569-14DL	MYE527	SAM	11/10/24 05:38		Kareem	OK
173	P4569-15DL	MYE528	SAM	11/10/24 05:42		Kareem	OK
174	P4569-16DL	MYE529	SAM	11/10/24 05:47		Kareem	OK
175	P4569-17DL	MYE530	SAM	11/10/24 05:51		Kareem	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB133379

Review By	Sarabjit Jaswal	Review On	11/13/2024 3:15:58 AM
Supervise By	Mohan Bera	Supervise On	11/13/2024 3:17:23 AM

STD. NAME	STD REF.#
ICAL Standard	MP83134,MP83142,MP83140,MP83139,MP83138,MP83137,MP83136
ICV Standard	MP83143
CCV Standard	MP83146
ICSA Standard	MP83144,MP83145
CRI Standard	
LCS Standard	MP83141
Chk Standard	MP83148,MP83149

176	P4569-18DL	MYE532	SAM	11/10/24 05:55		Kareem	OK
177	P4569-19DL	MYE533	SAM	11/10/24 06:00		Kareem	OK
178	P4569-20DL	MYE534	SAM	11/10/24 06:04		Kareem	OK
179	P4569-21DL	MYE535	SAM	11/10/24 06:09		Kareem	OK
180	CCV053	CCV053	CCV	11/10/24 06:13		Kareem	OK
181	CCB053	CCB053	CCB	11/10/24 06:17		Kareem	OK

EPA SAMPLE NO.

MYE4Y7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-01

% Solids: 97 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.86		11/11/2024	0146
7440-38-2	Arsenic	54	*	11/11/2024	0146
7440-39-3	Barium	210		11/11/2024	0146
7440-41-7	Beryllium	0.73		11/11/2024	0146
7440-43-9	Cadmium	1.4		11/11/2024	0146
7440-47-3	Chromium	38		11/11/2024	0146
7440-48-4	Cobalt	23		11/11/2024	0146
7440-50-8	Copper	170	*	11/11/2024	0146
7439-92-1	Lead	44	*	11/11/2024	0146
7440-02-0	Nickel	39		11/11/2024	0146
7782-49-2	Selenium	0.47	J	11/11/2024	0146
7440-22-4	Silver	0.44		11/11/2024	0146
7440-28-0	Thallium	0.17	J	11/11/2024	0146
7440-62-2	Vanadium	73		11/11/2024	0146
7440-66-6	Zinc	150		11/11/2024	0146

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Y8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-02

% Solids: 98.5 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.2		11/11/2024	0157
7440-38-2	Arsenic	57	*	11/11/2024	0157
7440-39-3	Barium	190		11/11/2024	0157
7440-41-7	Beryllium	0.54		11/11/2024	0157
7440-43-9	Cadmium	1.5		11/11/2024	0157
7440-47-3	Chromium	34		11/11/2024	0157
7440-48-4	Cobalt	20		11/11/2024	0157
7440-50-8	Copper	180	*	11/11/2024	0157
7439-92-1	Lead	45	*	11/11/2024	0157
7440-02-0	Nickel	34		11/11/2024	0157
7782-49-2	Selenium	3.6	UD	11/11/2024	0558
7440-22-4	Silver	0.36		11/11/2024	0157
7440-28-0	Thallium	0.21	J	11/11/2024	0157
7440-62-2	Vanadium	72		11/11/2024	0157
7440-66-6	Zinc	140		11/11/2024	0157

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Y9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-03

% Solids: 98.7 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	2.1		11/11/2024	0200
7440-38-2	Arsenic	64	*	11/11/2024	0200
7440-39-3	Barium	210		11/11/2024	0200
7440-41-7	Beryllium	0.65		11/11/2024	0200
7440-43-9	Cadmium	1.6		11/11/2024	0200
7440-47-3	Chromium	37		11/11/2024	0200
7440-48-4	Cobalt	24		11/11/2024	0200
7440-50-8	Copper	150	*	11/11/2024	0200
7439-92-1	Lead	55	*	11/11/2024	0200
7440-02-0	Nickel	42		11/11/2024	0200
7782-49-2	Selenium	0.27	J	11/11/2024	0200
7440-22-4	Silver	0.36	J	11/11/2024	0200
7440-28-0	Thallium	0.22	J	11/11/2024	0200
7440-62-2	Vanadium	83		11/11/2024	0200
7440-66-6	Zinc	160		11/11/2024	0200

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-04

% Solids: 97.7 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.0		11/11/2024	0203
7440-38-2	Arsenic	46	*	11/11/2024	0203
7440-39-3	Barium	210		11/11/2024	0203
7440-41-7	Beryllium	0.60		11/11/2024	0203
7440-43-9	Cadmium	1.1		11/11/2024	0203
7440-47-3	Chromium	32		11/11/2024	0203
7440-48-4	Cobalt	18		11/11/2024	0203
7440-50-8	Copper	100	*	11/11/2024	0203
7439-92-1	Lead	38	*	11/11/2024	0203
7440-02-0	Nickel	32		11/11/2024	0203
7782-49-2	Selenium	2.2	U	11/11/2024	0203
7440-22-4	Silver	0.25	J	11/11/2024	0203
7440-28-0	Thallium	0.16	J	11/11/2024	0203
7440-62-2	Vanadium	68		11/11/2024	0203
7440-66-6	Zinc	140		11/11/2024	0203

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-05

% Solids: 97.3 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.87		11/11/2024	0206
7440-38-2	Arsenic	50	*	11/11/2024	0206
7440-39-3	Barium	210		11/11/2024	0206
7440-41-7	Beryllium	0.70		11/11/2024	0206
7440-43-9	Cadmium	1.3		11/11/2024	0206
7440-47-3	Chromium	37		11/11/2024	0206
7440-48-4	Cobalt	21		11/11/2024	0206
7440-50-8	Copper	150	*	11/11/2024	0206
7439-92-1	Lead	40	*	11/11/2024	0206
7440-02-0	Nickel	37		11/11/2024	0206
7782-49-2	Selenium	2.1	U	11/11/2024	0206
7440-22-4	Silver	0.32	J	11/11/2024	0206
7440-28-0	Thallium	0.18	J	11/11/2024	0206
7440-62-2	Vanadium	71		11/11/2024	0206
7440-66-6	Zinc	140		11/11/2024	0206

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-06

% Solids: 98.4 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.1		11/11/2024	0209
7440-38-2	Arsenic	51	*	11/11/2024	0209
7440-39-3	Barium	200		11/11/2024	0209
7440-41-7	Beryllium	0.63		11/11/2024	0209
7440-43-9	Cadmium	1.1		11/11/2024	0209
7440-47-3	Chromium	34		11/11/2024	0209
7440-48-4	Cobalt	20		11/11/2024	0209
7440-50-8	Copper	110	*	11/11/2024	0209
7439-92-1	Lead	42	*	11/11/2024	0209
7440-02-0	Nickel	36		11/11/2024	0209
7782-49-2	Selenium	0.29	J	11/11/2024	0209
7440-22-4	Silver	0.26	J	11/11/2024	0209
7440-28-0	Thallium	0.18	J	11/11/2024	0209
7440-62-2	Vanadium	71		11/11/2024	0209
7440-66-6	Zinc	140		11/11/2024	0209

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-07

% Solids: 98.6 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.6		11/11/2024	0212
7440-38-2	Arsenic	69	*	11/11/2024	0212
7440-39-3	Barium	150		11/11/2024	0212
7440-41-7	Beryllium	0.58		11/11/2024	0212
7440-43-9	Cadmium	1.4		11/11/2024	0212
7440-47-3	Chromium	32		11/11/2024	0212
7440-48-4	Cobalt	18		11/11/2024	0212
7440-50-8	Copper	130	*	11/11/2024	0212
7439-92-1	Lead	55	*	11/11/2024	0212
7440-02-0	Nickel	30		11/11/2024	0212
7782-49-2	Selenium	0.28	J	11/11/2024	0212
7440-22-4	Silver	0.45		11/11/2024	0212
7440-28-0	Thallium	0.16	J	11/11/2024	0212
7440-62-2	Vanadium	71		11/11/2024	0212
7440-66-6	Zinc	150		11/11/2024	0212

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-08

% Solids: 97.5 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.95		11/11/2024	0215
7440-38-2	Arsenic	51	*	11/11/2024	0215
7440-39-3	Barium	190		11/11/2024	0215
7440-41-7	Beryllium	0.65		11/11/2024	0215
7440-43-9	Cadmium	1.4		11/11/2024	0215
7440-47-3	Chromium	32		11/11/2024	0215
7440-48-4	Cobalt	19		11/11/2024	0215
7440-50-8	Copper	150	*	11/11/2024	0215
7439-92-1	Lead	44	*	11/11/2024	0215
7440-02-0	Nickel	33		11/11/2024	0215
7782-49-2	Selenium	0.34	J	11/11/2024	0215
7440-22-4	Silver	0.31	J	11/11/2024	0215
7440-28-0	Thallium	0.19	J	11/11/2024	0215
7440-62-2	Vanadium	68		11/11/2024	0215
7440-66-6	Zinc	140		11/11/2024	0215

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-09

% Solids: 98.6 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.5		11/11/2024	0218
7440-38-2	Arsenic	62	*	11/11/2024	0218
7440-39-3	Barium	150		11/11/2024	0218
7440-41-7	Beryllium	0.53		11/11/2024	0218
7440-43-9	Cadmium	1.5		11/11/2024	0218
7440-47-3	Chromium	34		11/11/2024	0218
7440-48-4	Cobalt	19		11/11/2024	0218
7440-50-8	Copper	180	*	11/11/2024	0218
7439-92-1	Lead	62	*	11/11/2024	0218
7440-02-0	Nickel	32		11/11/2024	0218
7782-49-2	Selenium	0.28	J	11/11/2024	0218
7440-22-4	Silver	0.50		11/11/2024	0218
7440-28-0	Thallium	0.18	J	11/11/2024	0218
7440-62-2	Vanadium	71		11/11/2024	0218
7440-66-6	Zinc	160		11/11/2024	0218

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-10

% Solids: 98.5 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.3		11/11/2024	0221
7440-38-2	Arsenic	80	*	11/11/2024	0221
7440-39-3	Barium	170	D	11/11/2024	0542
7440-41-7	Beryllium	0.58		11/11/2024	0221
7440-43-9	Cadmium	1.5		11/11/2024	0221
7440-47-3	Chromium	33		11/11/2024	0221
7440-48-4	Cobalt	22	D	11/11/2024	0542
7440-50-8	Copper	190	*	11/11/2024	0221
7439-92-1	Lead	58	*	11/11/2024	0221
7440-02-0	Nickel	35	D	11/11/2024	0542
7782-49-2	Selenium	0.31	J	11/11/2024	0221
7440-22-4	Silver	0.42		11/11/2024	0221
7440-28-0	Thallium	0.18	J	11/11/2024	0221
7440-62-2	Vanadium	76	D	11/11/2024	0542
7440-66-6	Zinc	160		11/11/2024	0221

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-13

% Solids: 98.3 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.1		11/11/2024	0236
7440-38-2	Arsenic	54	*	11/11/2024	0236
7440-39-3	Barium	180		11/11/2024	0236
7440-41-7	Beryllium	0.59		11/11/2024	0236
7440-43-9	Cadmium	1.4		11/11/2024	0236
7440-47-3	Chromium	33		11/11/2024	0236
7440-48-4	Cobalt	20		11/11/2024	0236
7440-50-8	Copper	160	*	11/11/2024	0236
7439-92-1	Lead	55	*	11/11/2024	0236
7440-02-0	Nickel	32		11/11/2024	0236
7782-49-2	Selenium	0.29	J	11/11/2024	0236
7440-22-4	Silver	0.39	J	11/11/2024	0236
7440-28-0	Thallium	0.18	J	11/11/2024	0236
7440-62-2	Vanadium	68		11/11/2024	0236
7440-66-6	Zinc	170		11/11/2024	0236

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-14

% Solids: 97.9 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.86		11/11/2024	0239
7440-38-2	Arsenic	53	*	11/11/2024	0239
7440-39-3	Barium	220		11/11/2024	0239
7440-41-7	Beryllium	0.63		11/11/2024	0239
7440-43-9	Cadmium	1.2		11/11/2024	0239
7440-47-3	Chromium	36		11/11/2024	0239
7440-48-4	Cobalt	21		11/11/2024	0239
7440-50-8	Copper	140	*	11/11/2024	0239
7439-92-1	Lead	44	*	11/11/2024	0239
7440-02-0	Nickel	37		11/11/2024	0239
7782-49-2	Selenium	0.41	J	11/11/2024	0239
7440-22-4	Silver	0.29	J	11/11/2024	0239
7440-28-0	Thallium	0.16	J	11/11/2024	0239
7440-62-2	Vanadium	73		11/11/2024	0239
7440-66-6	Zinc	140		11/11/2024	0239

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE4Z9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-15

% Solids: 98.6 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.1		11/11/2024	0242
7440-38-2	Arsenic	69	*	11/11/2024	0242
7440-39-3	Barium	220		11/11/2024	0242
7440-41-7	Beryllium	0.73		11/11/2024	0242
7440-43-9	Cadmium	1.3		11/11/2024	0242
7440-47-3	Chromium	46		11/11/2024	0242
7440-48-4	Cobalt	28		11/11/2024	0242
7440-50-8	Copper	140	*	11/11/2024	0242
7439-92-1	Lead	42	*	11/11/2024	0242
7440-02-0	Nickel	45		11/11/2024	0242
7782-49-2	Selenium	0.42	J	11/11/2024	0242
7440-22-4	Silver	0.24	J	11/11/2024	0242
7440-28-0	Thallium	0.24	J	11/11/2024	0242
7440-62-2	Vanadium	95		11/11/2024	0242
7440-66-6	Zinc	150		11/11/2024	0242

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE500

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-16

% Solids: 99.2 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.4		11/11/2024	0245
7440-38-2	Arsenic	66	*	11/11/2024	0245
7440-39-3	Barium	190		11/11/2024	0245
7440-41-7	Beryllium	0.59		11/11/2024	0245
7440-43-9	Cadmium	1.2		11/11/2024	0245
7440-47-3	Chromium	35		11/11/2024	0245
7440-48-4	Cobalt	22		11/11/2024	0245
7440-50-8	Copper	110	*	11/11/2024	0245
7439-92-1	Lead	44	*	11/11/2024	0245
7440-02-0	Nickel	41		11/11/2024	0245
7782-49-2	Selenium	0.35	J	11/11/2024	0245
7440-22-4	Silver	0.23	J	11/11/2024	0245
7440-28-0	Thallium	0.20	J	11/11/2024	0245
7440-62-2	Vanadium	82		11/11/2024	0245
7440-66-6	Zinc	140		11/11/2024	0245

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE501

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-17

% Solids: 97.9 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.1		11/11/2024	0248
7440-38-2	Arsenic	73	*	11/11/2024	0248
7440-39-3	Barium	240		11/11/2024	0248
7440-41-7	Beryllium	0.70		11/11/2024	0248
7440-43-9	Cadmium	1.7		11/11/2024	0248
7440-47-3	Chromium	42		11/11/2024	0248
7440-48-4	Cobalt	28		11/11/2024	0248
7440-50-8	Copper	200	*	11/11/2024	0248
7439-92-1	Lead	59	*	11/11/2024	0248
7440-02-0	Nickel	51		11/11/2024	0248
7782-49-2	Selenium	0.39	J	11/11/2024	0248
7440-22-4	Silver	0.42		11/11/2024	0248
7440-28-0	Thallium	0.25	J	11/11/2024	0248
7440-62-2	Vanadium	94		11/11/2024	0248
7440-66-6	Zinc	160		11/11/2024	0248

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE502

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-18

% Solids: 97.2 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.3		11/11/2024	0251
7440-38-2	Arsenic	55	*	11/11/2024	0251
7440-39-3	Barium	170		11/11/2024	0251
7440-41-7	Beryllium	0.59		11/11/2024	0251
7440-43-9	Cadmium	1.4		11/11/2024	0251
7440-47-3	Chromium	36		11/11/2024	0251
7440-48-4	Cobalt	22		11/11/2024	0251
7440-50-8	Copper	180	*	11/11/2024	0251
7439-92-1	Lead	55	*	11/11/2024	0251
7440-02-0	Nickel	37		11/11/2024	0251
7782-49-2	Selenium	2.3	U	11/11/2024	0251
7440-22-4	Silver	0.37	J	11/11/2024	0251
7440-28-0	Thallium	0.17	J	11/11/2024	0251
7440-62-2	Vanadium	80		11/11/2024	0251
7440-66-6	Zinc	180		11/11/2024	0251

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE503

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-19

% Solids: 97.9 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.2		11/11/2024	0256
7440-38-2	Arsenic	59	*	11/11/2024	0256
7440-39-3	Barium	190		11/11/2024	0256
7440-41-7	Beryllium	0.62		11/11/2024	0256
7440-43-9	Cadmium	1.4		11/11/2024	0256
7440-47-3	Chromium	36		11/11/2024	0256
7440-48-4	Cobalt	20		11/11/2024	0256
7440-50-8	Copper	170	*	11/11/2024	0256
7439-92-1	Lead	57	*	11/11/2024	0256
7440-02-0	Nickel	34		11/11/2024	0256
7782-49-2	Selenium	0.32	J	11/11/2024	0256
7440-22-4	Silver	0.39		11/11/2024	0256
7440-28-0	Thallium	0.17	J	11/11/2024	0256
7440-62-2	Vanadium	74		11/11/2024	0256
7440-66-6	Zinc	170		11/11/2024	0256

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE504

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-20

% Solids: 97.7 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.67	J	11/11/2024	0259
7440-38-2	Arsenic	62	*	11/11/2024	0259
7440-39-3	Barium	240		11/11/2024	0259
7440-41-7	Beryllium	0.75		11/11/2024	0259
7440-43-9	Cadmium	1.2		11/11/2024	0259
7440-47-3	Chromium	40		11/11/2024	0259
7440-48-4	Cobalt	21		11/11/2024	0259
7440-50-8	Copper	110	*	11/11/2024	0259
7439-92-1	Lead	41	*	11/11/2024	0259
7440-02-0	Nickel	41		11/11/2024	0259
7782-49-2	Selenium	2.3	U	11/11/2024	0259
7440-22-4	Silver	0.27	J	11/11/2024	0259
7440-28-0	Thallium	0.18	J	11/11/2024	0259
7440-62-2	Vanadium	80		11/11/2024	0259
7440-66-6	Zinc	150		11/11/2024	0259

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYE505

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4Y7

Matrix: SOIL Lab Sample ID: P4538-21

% Solids: 98 Date Received: 10/24/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.87		11/11/2024	0302
7440-38-2	Arsenic	58	*	11/11/2024	0302
7440-39-3	Barium	190		11/11/2024	0302
7440-41-7	Beryllium	0.58		11/11/2024	0302
7440-43-9	Cadmium	1.3		11/11/2024	0302
7440-47-3	Chromium	35		11/11/2024	0302
7440-48-4	Cobalt	22		11/11/2024	0302
7440-50-8	Copper	150	*	11/11/2024	0302
7439-92-1	Lead	49	*	11/11/2024	0302
7440-02-0	Nickel	38		11/11/2024	0302
7782-49-2	Selenium	0.27	J	11/11/2024	0302
7440-22-4	Silver	0.31	J	11/11/2024	0302
7440-28-0	Thallium	0.18	J	11/11/2024	0302
7440-62-2	Vanadium	75		11/11/2024	0302
7440-66-6	Zinc	150		11/11/2024	0302

NOTE: Hardness (total) is reported in mg/L

Comments:

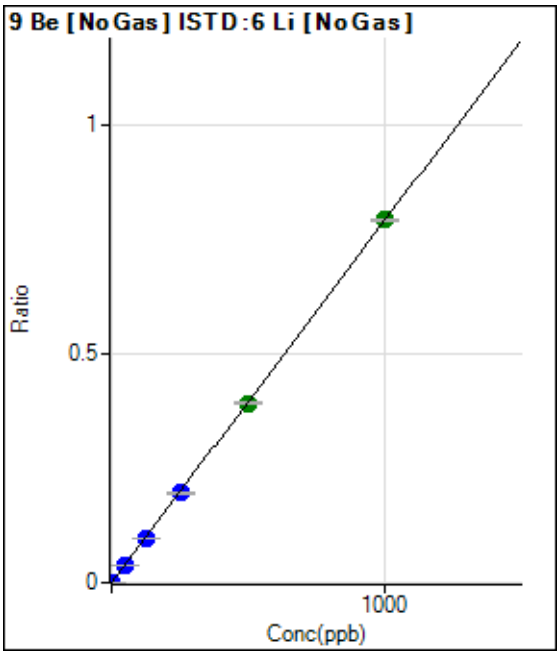
Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

Calibration for 022LLCC.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7111024MS2.b\
Analysis File: P7111024MS2.batch.bin
DA Date-Time: 2024-11-11 22:54:55
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-11-10 23:04:56
2	006CALS.d	S02	2024-11-10 23:11:26
3	007CALS.d	S03	2024-11-10 23:14:40
4	008CALS.d	S04	2024-11-10 23:17:33
5	009CALS.d	S05	2024-11-10 23:20:17
6	010CALS.d	S06	2024-11-10 23:23:03
7	011CALS.d	S07	2024-11-10 23:25:48
8	012CALS.d	S08	2024-11-10 23:28:34

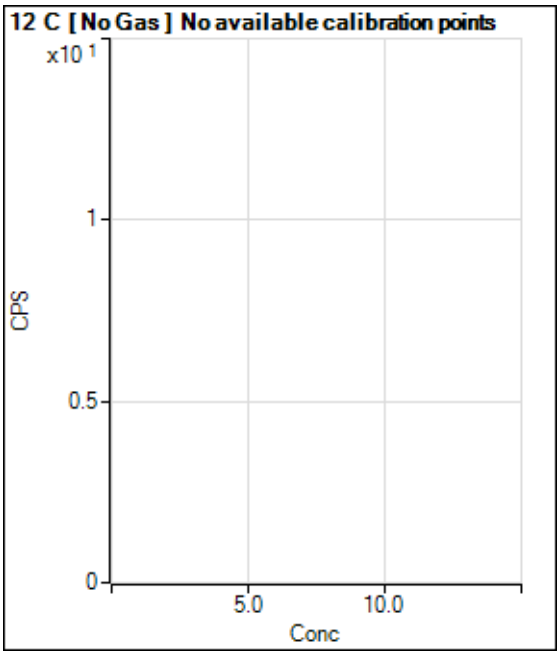
Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	42.9
2	☐	1.000	1.053	2861.42	0.0008	P	10.0
3	☐	50.000	48.864	131766.21	0.0386	P	0.8
4	☐	125.000	121.049	329757.34	0.0955	P	1.3
5	☐	250.000	247.394	649290.22	0.1952	P	0.6
6	☐	500.000	496.301	1320210.29	0.3916	A	1.5
7	☐	1000.000	1003.052	2476125.23	0.7914	A	0.4
8	☐			272.23	0.0001	P	51.9

y = 7.8894E-004 * x + 1.7273E-005
R = 1.0000
DL = 0.02817
BEC = 0.02189

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
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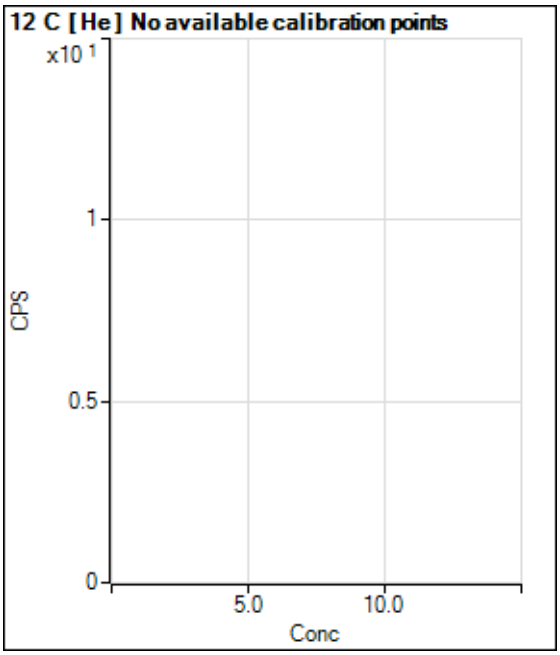
7	☐						
8	☐						

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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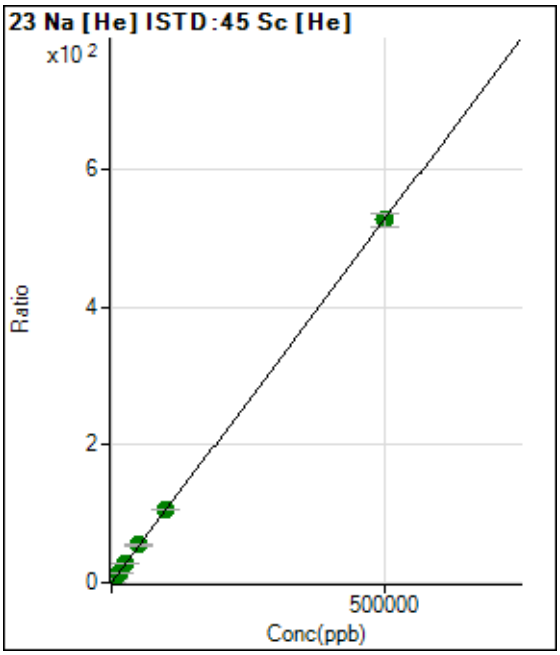
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

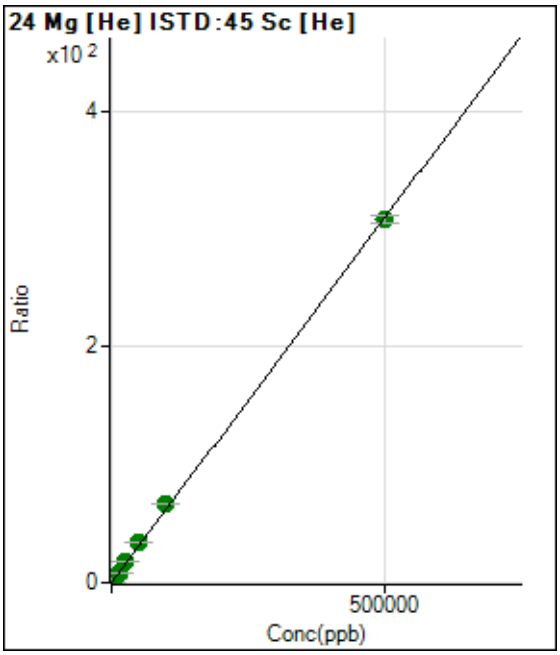


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34606.63	0.0239	P	1.1
2	☐	500.000	527.293	834394.27	0.5793	P	0.6
3	☐	5000.000	5332.999	8121587.31	5.6416	A	1.2
4	☐	12500.000	12954.502	19696931.79	13.6699	A	2.2
5	☐	25000.000	26335.121	39203604.69	27.7647	A	0.5
6	☐	50000.000	51685.495	78483615.50	54.4681	A	1.2
7	☐	100000.00	100360.09	155550959.90	105.7408	A	1.3
8	☐	500000.00	499677.95	765014833.05	526.3724	A	3.6

y = 0.0011 * x + 0.0239
R = 1.0000
DL = 0.7288
BEC = 22.69

Weight: <None>
Min Conc: 0

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7



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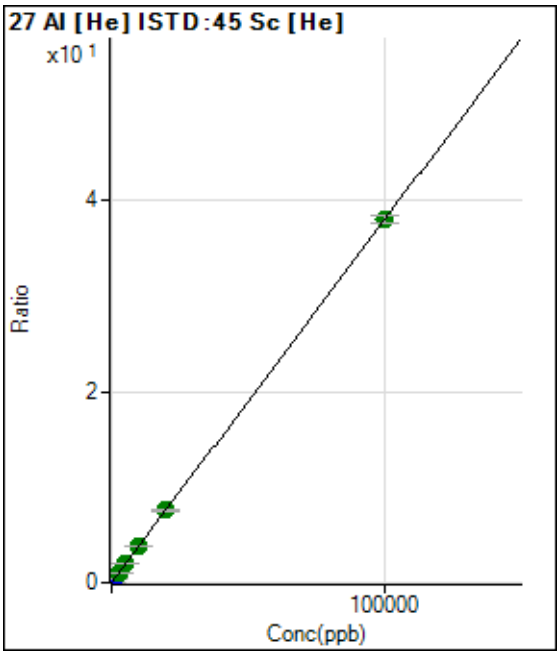
1	☐	0.000	0.000	3754.94	0.0026	P	0.4
2	☐	500.000	578.922	519024.86	0.3604	P	1.0
3	☐	5000.000	5694.142	5069886.45	3.5217	A	0.8
4	☐	12500.000	13967.246	12442436.06	8.6346	A	1.9
5	☐	25000.000	28166.616	24583094.91	17.4101	A	0.5
6	☐	50000.000	54945.783	48931552.61	33.9602	A	1.7
7	☐	100000.00	107884.66	98095180.76	66.6775	A	0.7
8	☐	500000.00	497726.45	447168300.01	307.6076	A	2.1

y = 6.1802E-004 * x + 0.0026
R = 0.9998
DL = 0.05044
BEC = 4.196

Weight: <None>
Min Conc: 0



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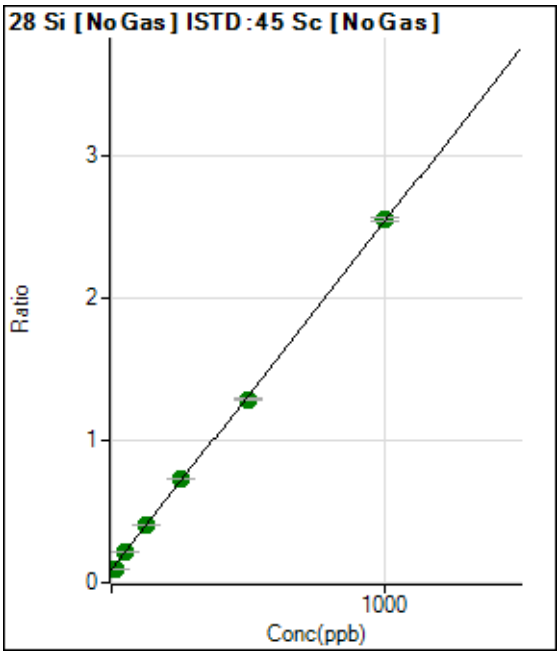
1	☐	0.000	0.000	338.90	0.0002	P	3.3
2	☐	20.000	20.522	11558.89	0.0080	P	0.1
3	☐	1000.000	1066.235	583099.83	0.4050	P	0.2
4	☐	2500.000	2614.328	1430286.54	0.9928	A	3.4
5	☐	5000.000	5209.106	2792752.18	1.9779	A	0.8
6	☐	10000.000	10149.574	5552294.57	3.8535	A	1.8
7	☐	20000.000	19901.146	11114816.36	7.5557	A	1.3
8	☐	100000.00	99990.837	55195440.29	37.9616	A	1.9

y = 3.7965E-004 * x + 2.3409E-004
R = 1.0000
DL = 0.06094
BEC = 0.6166

Weight: <None>
Min Conc: 0

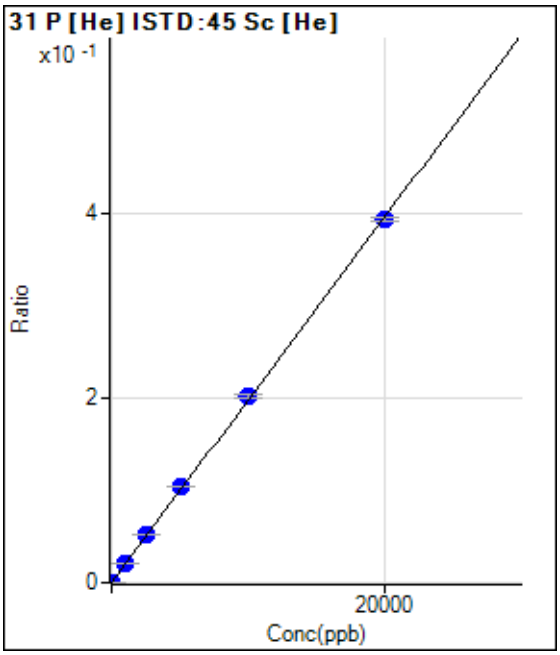
Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1607199.64	0.0986	A	1.3
2	☐	10.000	-1.058	1615810.63	0.0960	A	3.0
3	☐	50.000	48.993	3672863.73	0.2180	A	0.0
4	☐	125.000	124.113	6750946.91	0.4012	A	1.3
5	☐	250.000	257.082	11798975.66	0.7255	A	0.2
6	☐	500.000	488.380	21488891.07	1.2895	A	1.7
7	☐	1000.000	1004.311	41549619.66	2.5476	A	1.2
8	☐			1789967.64	0.1323	A	25.3

y = 0.0024 * x + 0.0986
R = 0.9998
DL = 1.601
BEC = 40.42

Weight: <None>
Min Conc: 0

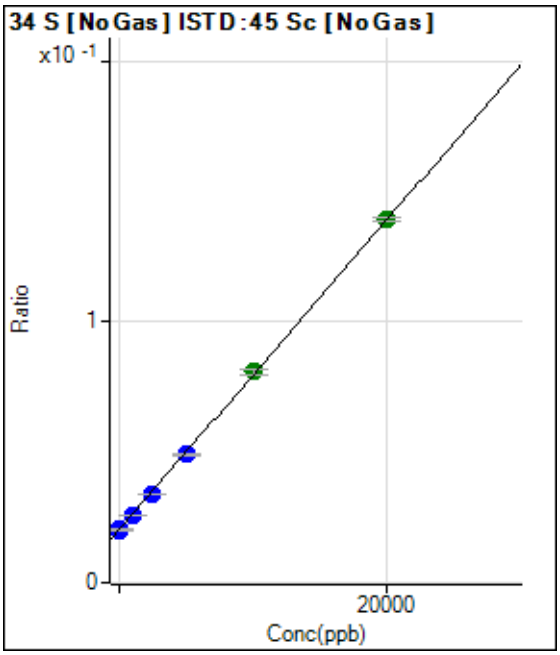


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-15.356	381.12	0.0003	P	4.3
2	☐	0.000	15.356	1252.29	0.0009	P	8.5
3	☐	1000.000	1041.567	30382.41	0.0211	P	0.6
4	☐	2500.000	2576.511	74023.48	0.0514	P	1.3
5	☐	5000.000	5211.292	145893.49	0.1033	P	0.5
6	☐	10000.000	10163.450	289567.80	0.2010	P	1.8
7	☐	20000.000	19853.810	576741.84	0.3920	P	1.1
8	☐			626.69	0.0004	P	3.0

y = 1.9718E-005 * x + 5.6608E-004
R = 0.9999
DL = 6.498
BEC = 28.71

Weight: <None>
Min Conc: 0

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	5.137	331109.20	0.0203	P	0.5
2	☐	0.000	-5.137	340818.53	0.0202	P	2.6
3	☐	1000.000	939.823	435621.56	0.0259	P	0.2
4	☐	2500.000	2327.399	573919.19	0.0341	P	0.8
5	☐	5000.000	4856.046	799164.03	0.0491	P	0.9
6	☐	10000.000	10166.429	1344842.36	0.0807	A	2.4
7	☐	20000.000	19977.358	2267390.04	0.1390	A	1.1
8	☐			270063.57	0.0199	P	23.5

y = 5.9443E-006 * x + 0.0203

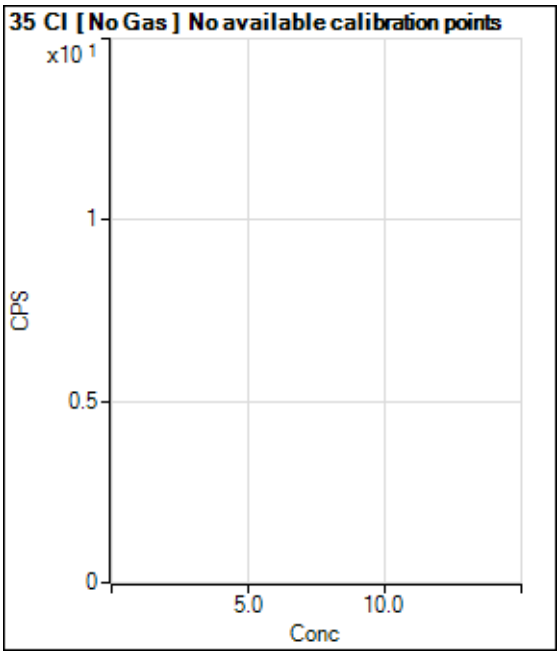
R = 0.9999

DL = 156.3

BEC = 3410

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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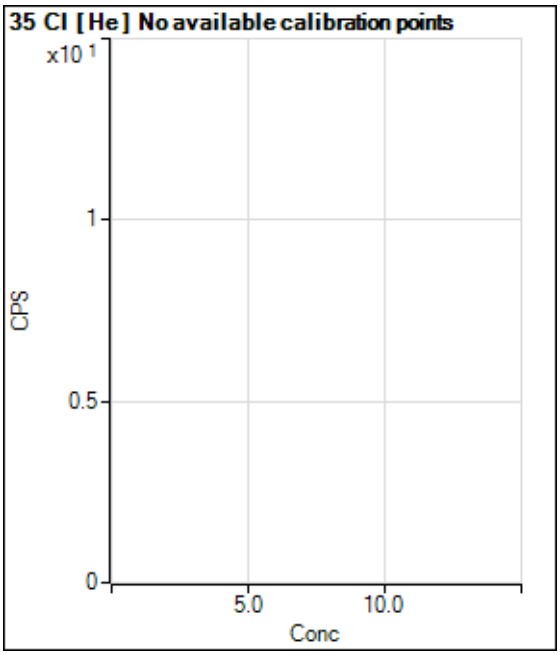
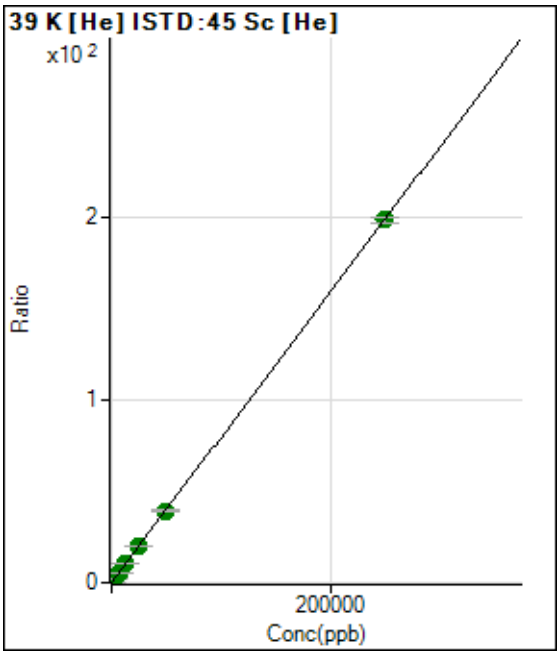


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87672.81	0.0606	P	0.3
2	☐	500.000	553.696	721609.63	0.5010	P	0.6
3	☐	2500.000	2588.099	3051185.79	2.1194	A	0.9
4	☐	6250.000	6412.740	7438754.54	5.1620	A	1.2
5	☐	12500.000	12709.107	14361311.59	10.1709	A	1.2
6	☐	25000.000	25045.181	28797985.12	19.9846	A	0.7
7	☐	50000.000	49564.036	58094351.36	39.4899	A	0.7
8	☐	250000.00	250067.16	289301986.80	198.9949	A	1.6

y = 7.9552E-004 * x + 0.0606
R = 1.0000
DL = 0.5796
BEC = 76.12

Weight: <None>
Min Conc: 0

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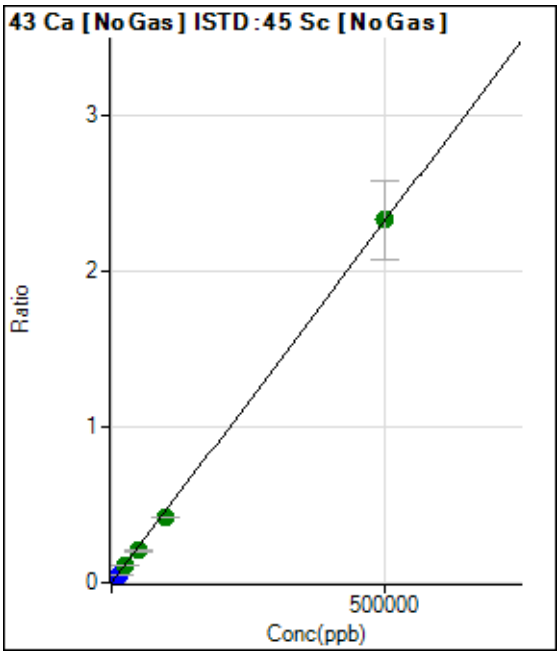
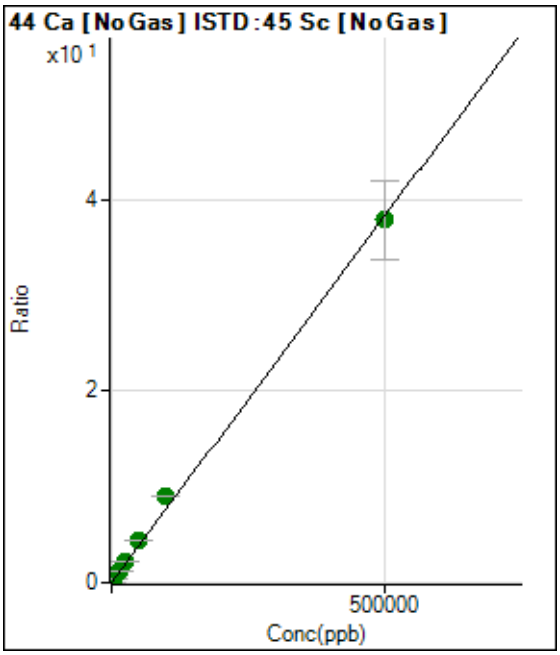


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	752.25	0.0000	P	9.9
2	☐	500.000	477.830	38093.34	0.0023	P	3.6
3	☐	5000.000	4757.736	372584.87	0.0221	P	0.6
4	☐	12500.000	11719.908	915649.12	0.0544	P	0.8
5	☐	25000.000	23128.601	1745793.95	0.1073	A	0.3
6	☐	50000.000	44279.307	3423625.09	0.2055	A	2.8
7	☐	100000.00	91282.677	6907230.24	0.4235	A	0.8
8	☐	500000.00	502431.05	31695013.14	2.3309	A	21.8

y = 4.6391E-006 * x + 4.6142E-005
R = 0.9998
DL = 2.96
BEC = 9.946

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61239.65	0.0038	P	2.2
2	☐	500.000	494.791	700230.07	0.0416	P	3.7
3	☐	5000.000	5820.262	7561824.24	0.4489	A	0.0
4	☐	12500.000	14470.186	18685338.46	1.1104	A	0.2
5	☐	25000.000	29772.214	37091848.17	2.2807	A	1.0
6	☐	50000.000	58006.741	73988489.87	4.4400	A	2.3
7	☐	100000.00	118670.40	148084118.47	9.0795	A	0.2
8	☐	500000.00	495169.18	514794300.29	37.8737	A	22.0

y = 7.6479E-005 * x + 0.0038
R = 0.9992
DL = 3.238
BEC = 49.1

Weight: <None>
Min Conc: 0

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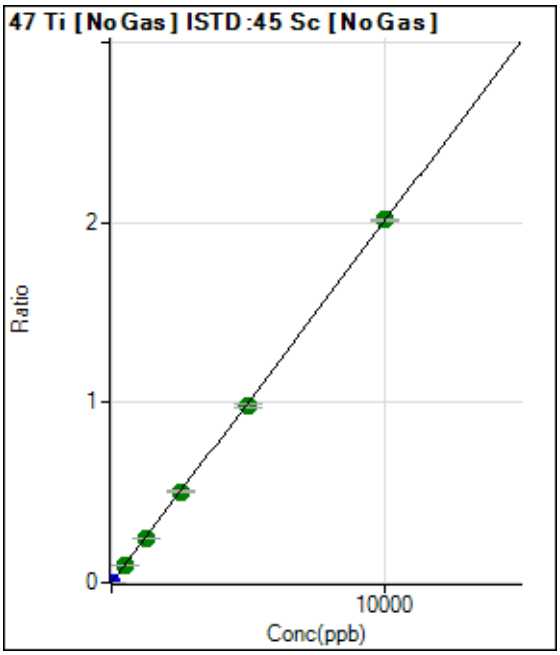
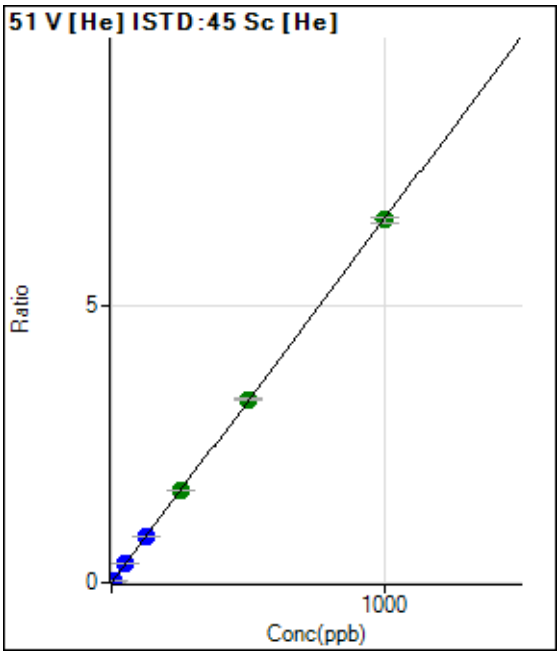


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.12	0.0000	P	6.8
2	☐	5.000	5.031	17304.40	0.0010	P	3.3
3	☐	500.000	502.348	1699116.56	0.1009	A	0.5
4	☐	1250.000	1231.360	4159743.62	0.2472	A	0.9
5	☐	2500.000	2523.053	8237860.64	0.5065	A	0.8
6	☐	5000.000	4900.836	16394949.48	0.9838	A	2.1
7	☐	10000.000	10046.031	32892153.12	2.0167	A	0.3
8	☐			3807.21	0.0003	P	44.5

y = 2.0075E-004 * x + 1.7849E-005
R = 0.9999
DL = 0.0181
BEC = 0.08891

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0000	P	31.0
2	☐	5.000	5.360	50631.29	0.0352	P	1.4
3	☐	50.000	51.607	486893.47	0.3382	P	0.2
4	☐	125.000	126.096	1190655.67	0.8263	P	1.6
5	☐	250.000	253.685	2347308.97	1.6624	A	0.9
6	☐	500.000	503.827	4757025.69	3.3015	A	1.6
7	☐	1000.000	996.946	9610207.57	6.5328	A	1.3
8	☐			1656.77	0.0011	P	7.2

y = 0.0066 * x + 2.9952E-005
R = 1.0000
DL = 0.004252
BEC = 0.004571

Weight: <None>
Min Conc: 0

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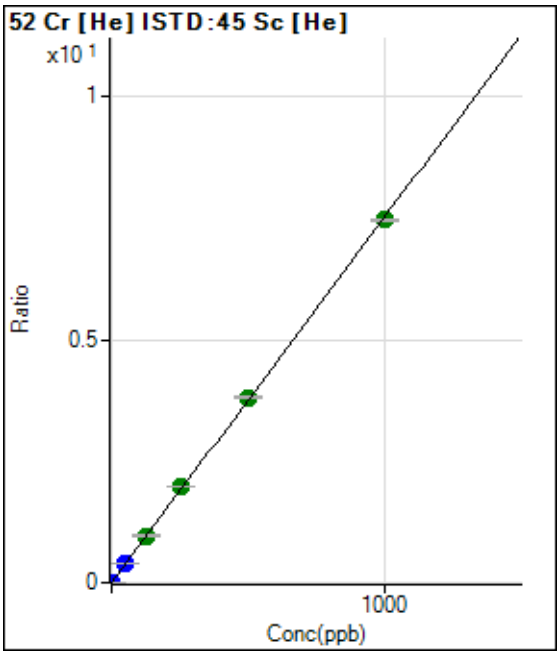
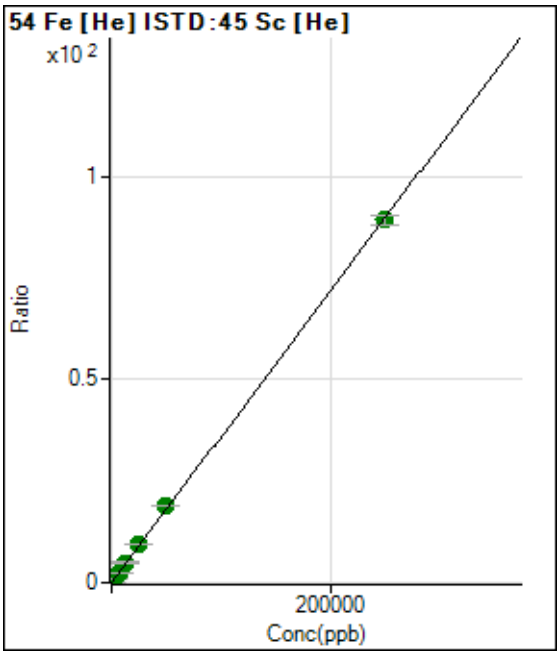


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2124.62	0.0015	P	4.8
2	☐	2.000	2.186	25775.44	0.0179	P	2.3
3	☐	50.000	52.494	570003.64	0.3959	P	0.6
4	☐	125.000	127.138	1378555.81	0.9569	A	2.9
5	☐	250.000	262.051	2782647.60	1.9707	A	0.2
6	☐	500.000	507.236	5494352.70	3.8132	A	1.3
7	☐	1000.000	992.977	10979442.34	7.4633	A	0.7
8	☐			34160.92	0.0235	P	2.7

y = 0.0075 * x + 0.0015
R = 0.9999
DL = 0.028
BEC = 0.1953

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5113.13	0.0035	P	1.0
2	☐	50.000	61.895	37010.92	0.0257	P	1.4
3	☐	2500.000	2787.900	1442568.54	1.0020	A	0.2
4	☐	6250.000	6837.434	3533072.21	2.4524	A	3.5
5	☐	12500.000	13810.730	6989257.74	4.9499	A	1.0
6	☐	25000.000	26693.778	13781207.99	9.5639	A	0.8
7	☐	50000.000	52571.634	27704110.14	18.8321	A	0.8
8	☐	250000.00	249233.19	129758744.73	89.2668	A	2.6

y = 3.5815E-004 * x + 0.0035
R = 0.9999
DL = 0.283
BEC = 9.86

Weight: <None>
Min Conc: 0

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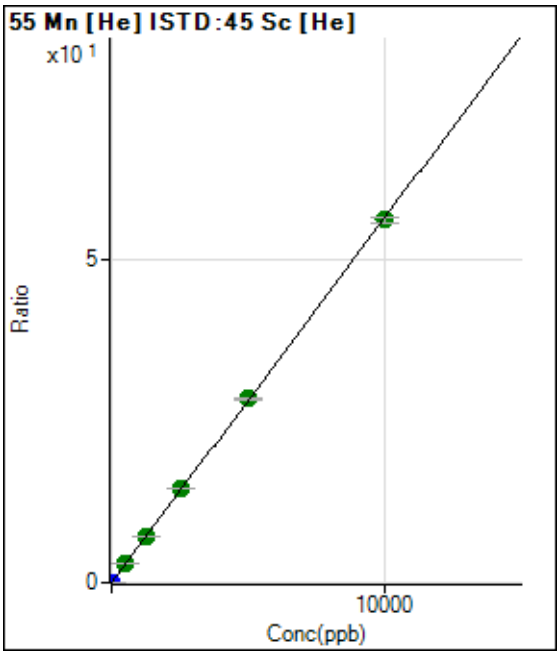
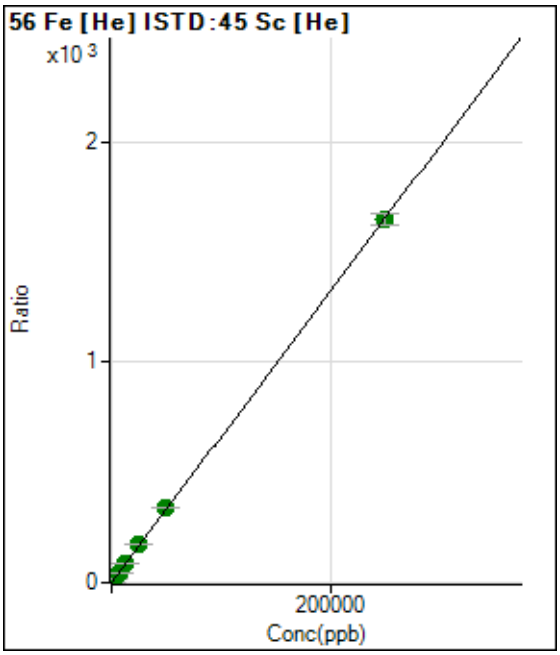


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1679.00	0.0012	P	3.3
2	☐	1.000	1.067	10341.41	0.0072	P	3.5
3	☐	500.000	516.523	4200731.19	2.9179	A	0.7
4	☐	1250.000	1262.890	10276454.43	7.1326	A	3.1
5	☐	2500.000	2582.635	20594387.47	14.5852	A	0.5
6	☐	5000.000	5054.274	41127159.94	28.5424	A	1.2
7	☐	10000.000	9949.767	82652329.32	56.1871	A	1.6
8	☐			40313.83	0.0277	P	1.1

y = 0.0056 * x + 0.0012
R = 0.9999
DL = 0.02003
BEC = 0.2053

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35265.72	0.0244	P	0.4
2	☐	50.000	59.169	597014.13	0.4145	P	0.6
3	☐	2500.000	2715.144	25810102.39	17.9283	A	0.8
4	☐	6250.000	6610.075	62833286.29	43.6119	A	2.8
5	☐	12500.000	13535.017	126058619.24	89.2757	A	0.5
6	☐	25000.000	26478.237	251601902.92	174.6247	A	1.9
7	☐	50000.000	51631.596	500882988.09	340.4886	A	1.3
8	☐	250000.00	249462.95	2390939662.1	1,645.009	A	3.2

y = 0.0066 * x + 0.0244
R = 1.0000
DL = 0.04405
BEC = 3.694

Weight: <None>
Min Conc: 0

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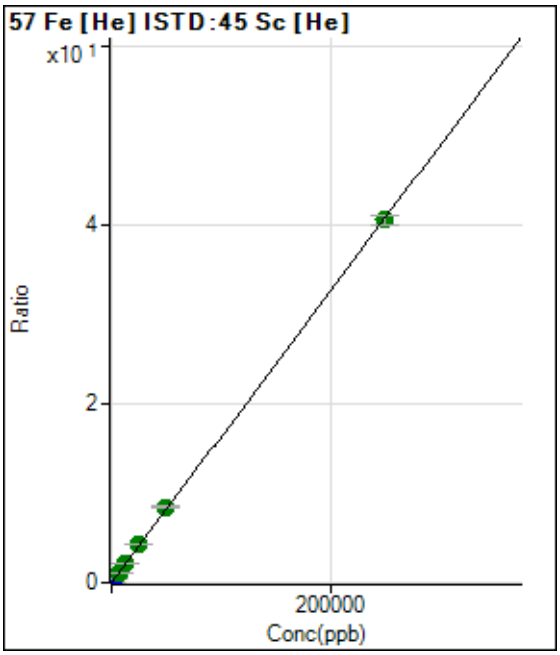
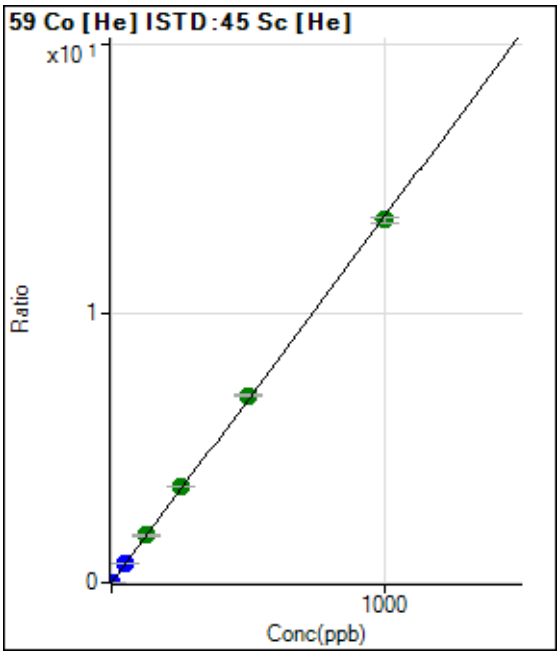


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2141.29	0.0015	P	5.1
2	☐	50.000	61.946	16622.64	0.0115	P	1.6
3	☐	2500.000	2859.855	671010.72	0.4661	P	0.6
4	☐	6250.000	6717.834	1574826.22	1.0929	A	1.4
5	☐	12500.000	13682.649	3140868.25	2.2244	A	1.0
6	☐	25000.000	26627.426	6235734.56	4.3275	A	0.8
7	☐	50000.000	52127.492	12460249.81	8.4703	A	1.7
8	☐	250000.00	249337.33	58885384.12	40.5097	A	2.5

y = 1.6246E-004 * x + 0.0015
R = 0.9999
DL = 1.382
BEC = 9.102

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	470.57	0.0003	P	7.2
2	☐	1.000	1.144	22893.64	0.0159	P	1.5
3	☐	50.000	53.400	1046493.07	0.7269	P	0.5
4	☐	125.000	129.673	2542876.43	1.7647	A	1.9
5	☐	250.000	262.156	5037102.61	3.5674	A	0.7
6	☐	500.000	510.805	10015510.40	6.9506	A	0.8
7	☐	1000.000	990.804	19832019.03	13.4817	A	1.6
8	☐			53321.69	0.0367	P	1.9

y = 0.0136 * x + 3.2511E-004
R = 0.9998
DL = 0.005139
BEC = 0.02389

Weight: <None>
Min Conc: 0

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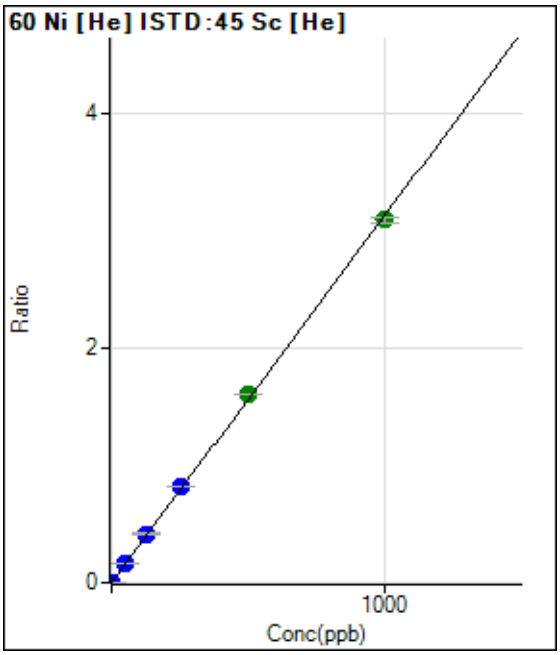
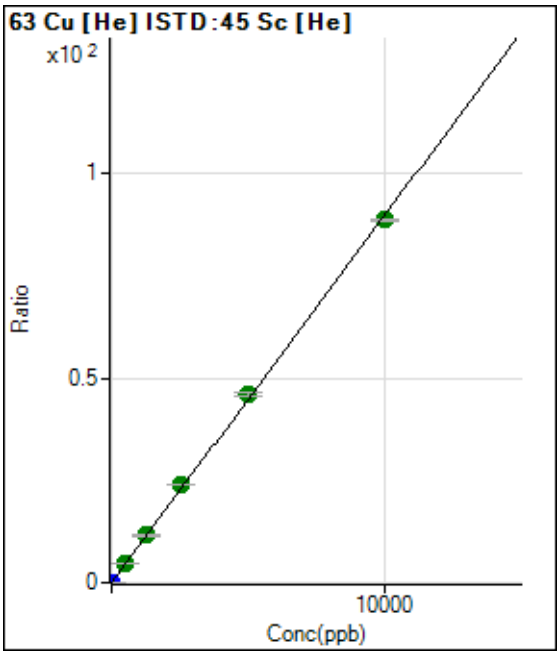


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	307.78	0.0002	P	0.9
2	☐	1.000	1.128	5391.02	0.0037	P	1.8
3	☐	50.000	53.887	243222.66	0.1690	P	1.1
4	☐	125.000	132.920	600055.77	0.4164	P	1.9
5	☐	250.000	262.176	1159496.40	0.8212	P	0.6
6	☐	500.000	513.450	2317223.28	1.6080	A	0.5
7	☐	1000.000	989.047	4556237.74	3.0973	A	1.4
8	☐			17422.44	0.0120	P	2.7

y = 0.0031 * x + 2.1258E-004
R = 0.9998
DL = 0.001885
BEC = 0.06789

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2296.87	0.0016	P	3.1
2	☐	2.000	2.151	30101.42	0.0209	P	1.9
3	☐	500.000	537.709	6954208.78	4.8306	A	0.9
4	☐	1250.000	1292.930	16733196.42	11.6130	A	1.7
5	☐	2500.000	2666.695	33818971.44	23.9505	A	0.5
6	☐	5000.000	5134.612	66443002.35	46.1142	A	1.7
7	☐	10000.000	9883.769	130585820.28	88.7651	A	0.5
8	☐			29552.56	0.0203	P	3.2

y = 0.0090 * x + 0.0016
R = 0.9997
DL = 0.01668
BEC = 0.1767

Weight: <None>
Min Conc: 0

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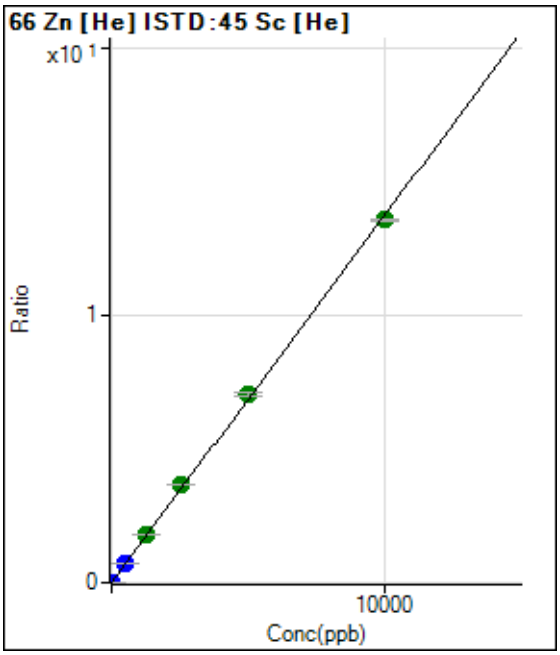
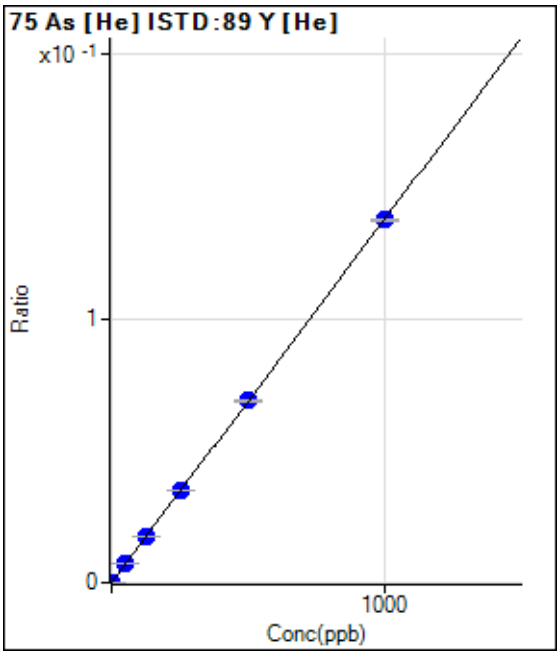


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	690.03	0.0005	P	1.7
2	☐	2.000	5.571	11688.01	0.0081	P	2.3
3	☐	500.000	542.990	1072286.10	0.7448	P	0.3
4	☐	1250.000	1300.113	2568987.22	1.7827	A	0.9
5	☐	2500.000	2656.068	5142023.19	3.6415	A	0.6
6	☐	5000.000	5138.440	10149866.66	7.0445	A	1.8
7	☐	10000.000	9883.348	19932324.70	13.5490	A	0.5
8	☐			52821.79	0.0363	P	3.1

y = 0.0014 * x + 4.7659E-004
R = 0.9997
DL = 0.01784
BEC = 0.3477

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0000	P	78.2
2	☐	1.000	1.063	1505.65	0.0001	P	5.1
3	☐	50.000	51.388	72305.95	0.0071	P	0.2
4	☐	125.000	126.787	178844.36	0.0174	P	1.5
5	☐	250.000	252.161	353026.79	0.0347	P	0.5
6	☐	500.000	501.020	706554.22	0.0689	P	1.1
7	☐	1000.000	998.657	1418263.45	0.1374	P	0.7
8	☐			700.03	0.0001	P	5.2

y = 1.3754E-004 * x + 2.0748E-006
R = 1.0000
DL = 0.0354
BEC = 0.01508

Weight: <None>
Min Conc: 0

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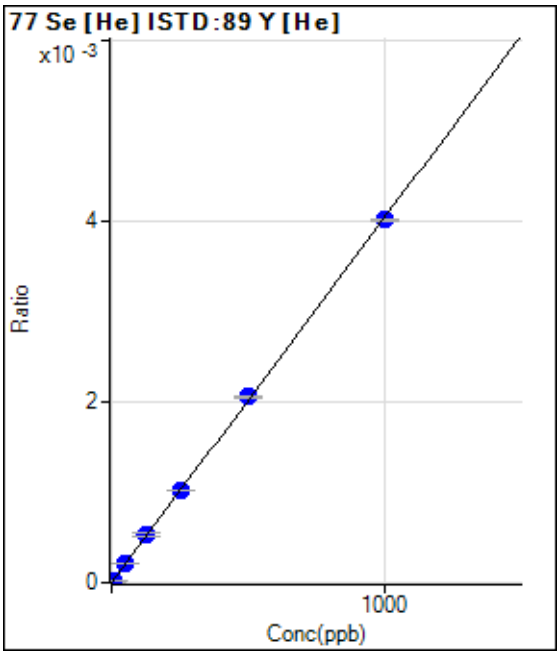
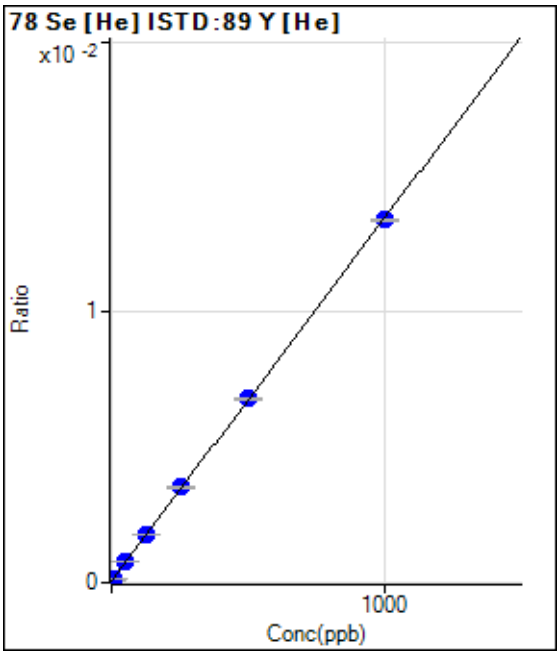


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	5.155	213.34	0.0000	P	8.1
3	☐	50.000	51.514	2126.84	0.0002	P	1.7
4	☐	125.000	131.278	5431.06	0.0005	P	5.1
5	☐	250.000	253.072	10389.27	0.0010	P	1.6
6	☐	500.000	508.643	21033.92	0.0021	P	1.3
7	☐	1000.000	994.050	41394.32	0.0040	P	0.3
8	☐			12.22	0.0000	P	76.9

y = 4.0327E-006 * x + 2.1828E-007
R = 0.9999
DL = 0.2813
BEC = 0.05413

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	591.13	0.0001	P	8.0
2	☐	5.000	5.495	1337.85	0.0001	P	5.8
3	☐	50.000	52.307	7774.35	0.0008	P	1.2
4	☐	125.000	129.174	18377.05	0.0018	P	1.5
5	☐	250.000	258.750	35944.72	0.0035	P	0.6
6	☐	500.000	503.452	69889.25	0.0068	P	0.8
7	☐	1000.000	995.447	138582.26	0.0134	P	0.4
8	☐			636.69	0.0001	P	8.8

y = 1.3424E-005 * x + 5.8002E-005
R = 0.9999
DL = 1.036
BEC = 4.321

Weight: <None>
Min Conc: 0

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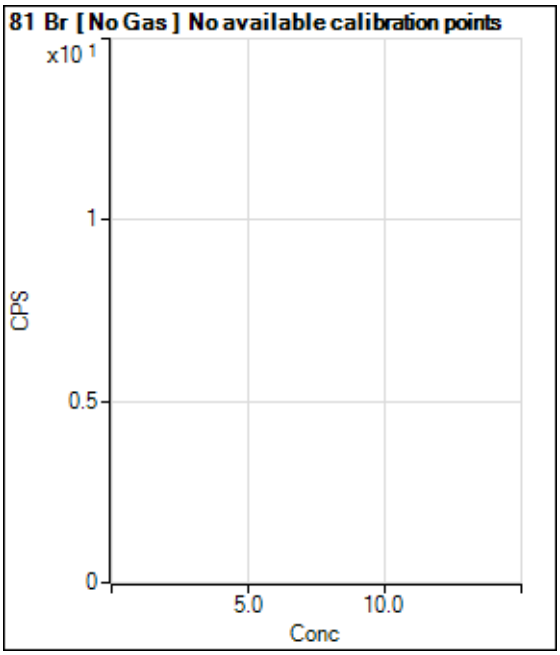
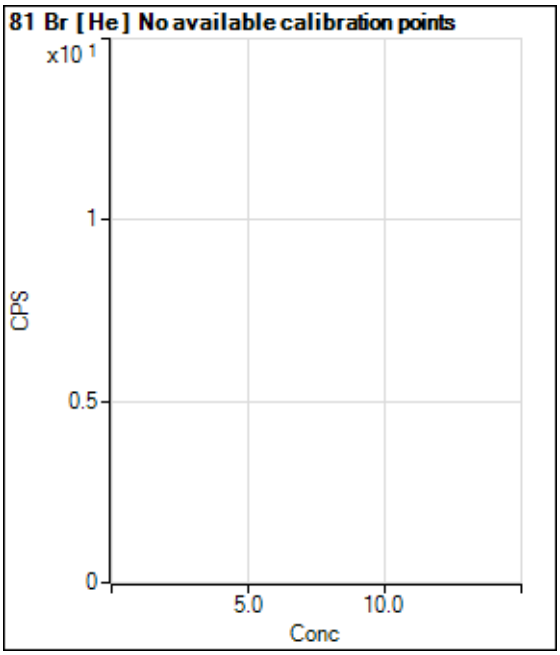


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16964.32		P	1.6
2	☐			17780.78		P	1.0
3	☐			17547.23		P	1.6
4	☐			17522.74		P	2.9
5	☐			17722.99		P	1.6
6	☐			17063.30		P	1.6
7	☐			17484.91		P	2.9
8	☐			19857.92		P	3.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			146.67		P	6.0
2	☐			184.45		P	12.8
3	☐			143.34		P	8.1
4	☐			106.67		P	9.4
5	☐			133.34		P	10.9
6	☐			163.34		P	14.3
7	☐			185.56		P	21.7
8	☐			307.78		P	7.0

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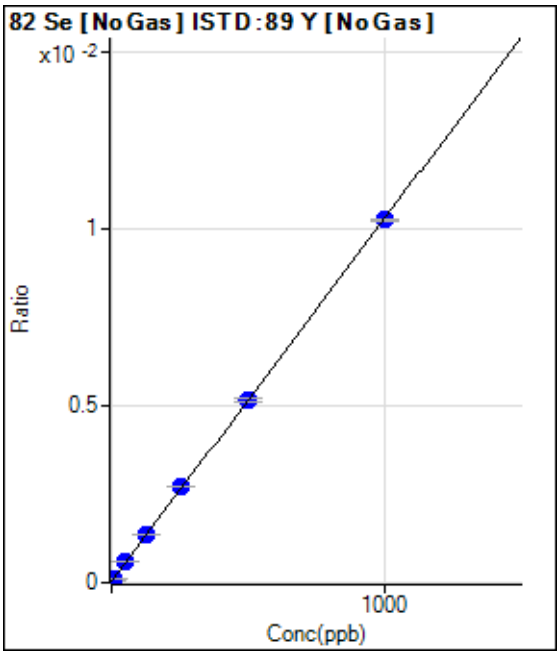


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1502.40	0.0000	P	3.5
2	☐	5.000	5.459	3804.97	0.0001	P	3.9
3	☐	50.000	52.324	23219.43	0.0006	P	0.8
4	☐	125.000	129.494	55527.50	0.0014	P	0.5
5	☐	250.000	262.845	108240.25	0.0027	P	0.7
6	☐	500.000	499.065	211514.47	0.0052	P	2.4
7	☐	1000.000	996.576	416201.51	0.0103	P	0.4
8	☐			1564.81	0.0000	P	9.8

y = 1.0264E-005 * x + 3.8446E-005

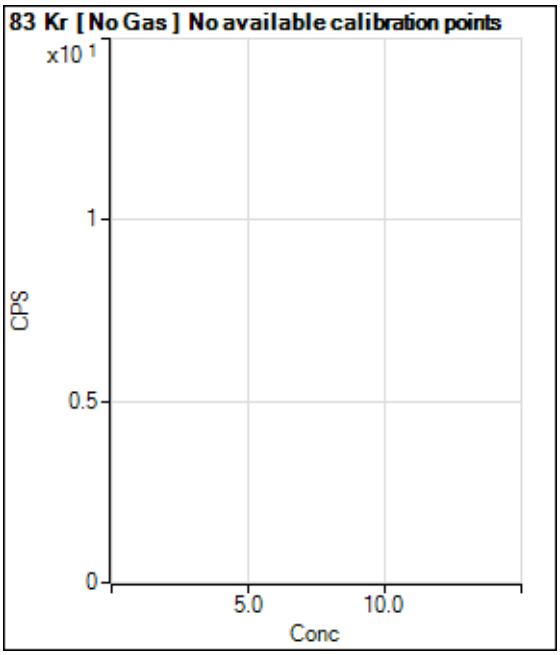
R = 0.9999

DL = 0.3982

BEC = 3.746

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			461.12		P	5.4
2	☐			472.23		P	4.7
3	☐			504.46		P	12.3
4	☐			490.02		P	8.5
5	☐			452.23		P	7.1
6	☐			491.12		P	8.4
7	☐			507.79		P	4.8
8	☐			607.80		P	7.7

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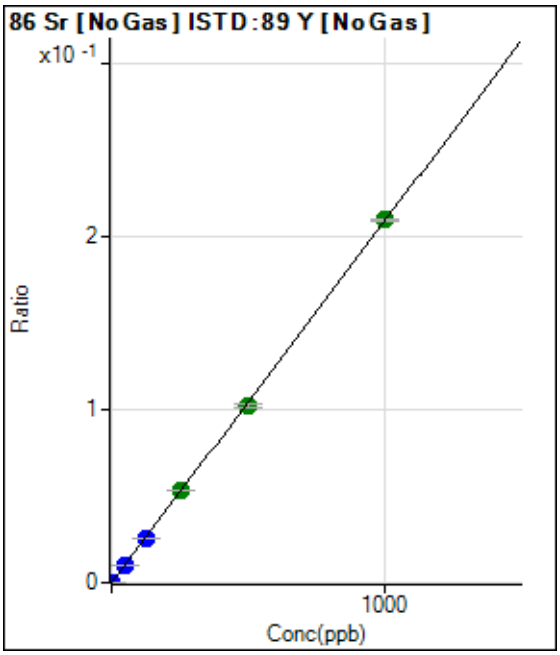
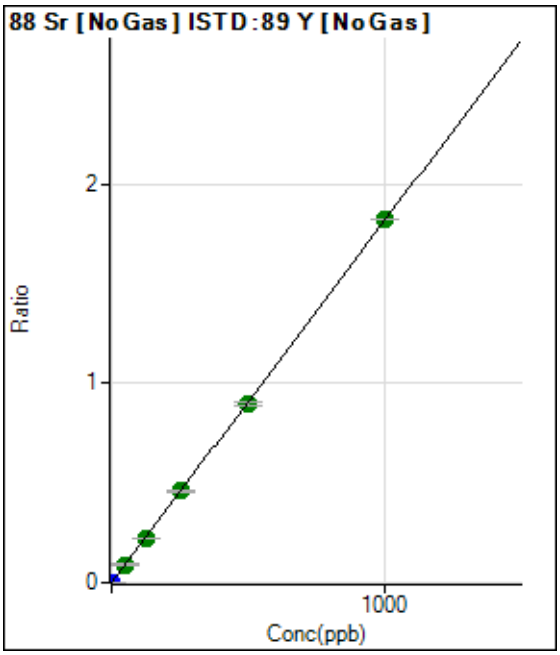


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	808.92	0.0000	P	8.3
2	☐	1.000	1.034	9534.27	0.0002	P	5.0
3	☐	50.000	50.228	424373.88	0.0105	P	0.3
4	☐	125.000	123.541	1049214.52	0.0258	P	0.2
5	☐	250.000	254.776	2107380.49	0.0533	A	0.5
6	☐	500.000	489.902	4197172.02	0.1024	A	2.6
7	☐	1000.000	1004.026	8507032.93	0.2099	A	0.8
8	☐			24113.14	0.0007	P	22.5

y = 2.0899E-004 * x + 2.0695E-005
R = 0.9999
DL = 0.02473
BEC = 0.09902

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	513.35	0.0000	P	27.2
2	☐	1.000	1.038	76372.40	0.0019	P	3.9
3	☐	50.000	50.340	3686328.55	0.0914	A	1.6
4	☐	125.000	123.885	9129234.45	0.2248	A	0.3
5	☐	250.000	253.275	18182606.54	0.4596	A	0.7
6	☐	500.000	492.549	36637123.07	0.8938	A	2.0
7	☐	1000.000	1003.029	73789055.57	1.8202	A	0.1
8	☐			203285.45	0.0062	P	22.4

y = 0.0018 * x + 1.3149E-005
R = 1.0000
DL = 0.005922
BEC = 0.007246

Weight: <None>
Min Conc: 0

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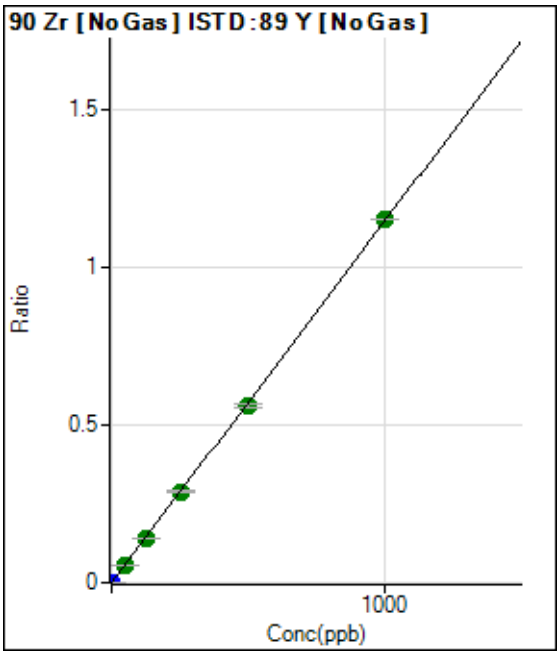
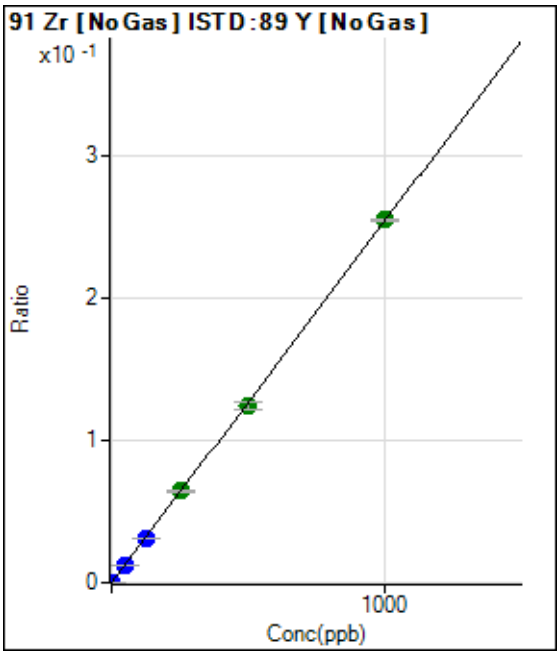


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2425.78	0.0001	P	4.6
2	☐	1.000	1.007	48827.42	0.0012	P	3.3
3	☐	50.000	49.860	2301397.71	0.0570	A	0.7
4	☐	125.000	122.878	5703924.57	0.1405	A	0.7
5	☐	250.000	252.732	11426105.94	0.2889	A	1.5
6	☐	500.000	489.234	22915028.27	0.5591	A	2.8
7	☐	1000.000	1004.972	46556608.20	1.1485	A	0.1
8	☐			38031.62	0.0012	P	23.6

y = 0.0011 * x + 6.2052E-005
R = 0.9999
DL = 0.007468
BEC = 0.0543

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	443.34	0.0000	P	7.5
2	☐	1.000	1.018	10864.11	0.0003	P	3.8
3	☐	50.000	50.295	515290.76	0.0128	P	0.9
4	☐	125.000	123.415	1271786.44	0.0313	P	0.8
5	☐	250.000	253.223	2541735.74	0.0643	A	1.1
6	☐	500.000	489.842	5093371.21	0.1243	A	3.4
7	☐	1000.000	1004.457	10331022.55	0.2548	A	0.4
8	☐			8402.50	0.0003	P	25.8

y = 2.5370E-004 * x + 1.1343E-005
R = 0.9999
DL = 0.009997
BEC = 0.04471

Weight: <None>
Min Conc: 0

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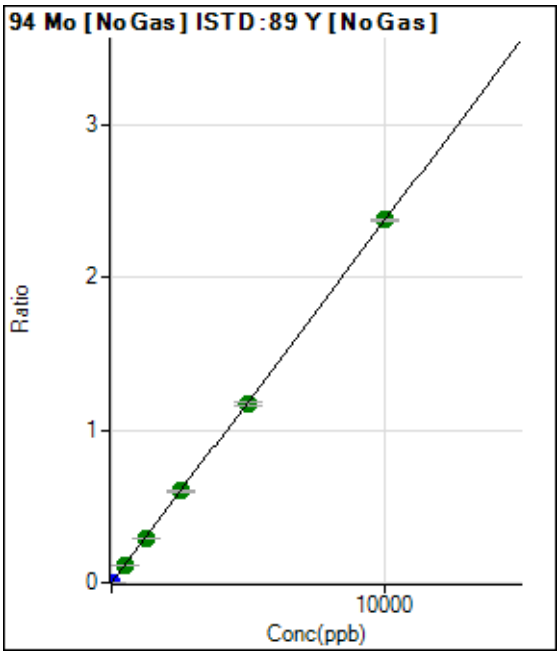
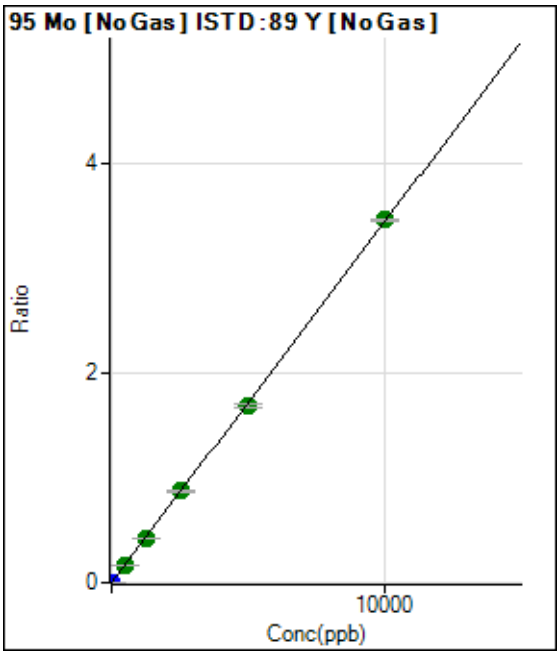


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	835.59	0.0000	P	4.2
2	☐	5.000	5.930	57493.34	0.0014	P	4.6
3	☐	500.000	500.675	4792106.01	0.1188	A	0.5
4	☐	1250.000	1239.158	11934127.88	0.2939	A	0.7
5	☐	2500.000	2529.055	23727761.04	0.5998	A	1.3
6	☐	5000.000	4933.578	47961912.62	1.1701	A	2.0
7	☐	10000.000	10027.268	96410023.01	2.3782	A	0.3
8	☐			24835.89	0.0008	P	33.1

y = 2.3717E-004 * x + 2.1384E-005
R = 1.0000
DL = 0.01133
BEC = 0.09016

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.33	0.0000	P	34.3
2	☐	5.000	4.984	69244.00	0.0017	P	4.6
3	☐	500.000	499.289	6939034.20	0.1720	A	1.3
4	☐	1250.000	1229.619	17197360.30	0.4235	A	1.2
5	☐	2500.000	2531.978	34499278.10	0.8721	A	1.1
6	☐	5000.000	4881.742	68920558.97	1.6815	A	2.3
7	☐	10000.000	10053.718	140385982.35	3.4630	A	0.4
8	☐			17770.31	0.0006	P	42.0

y = 3.4445E-004 * x + 2.9014E-006
R = 0.9999
DL = 0.008678
BEC = 0.008423

Weight: <None>
Min Conc: 0

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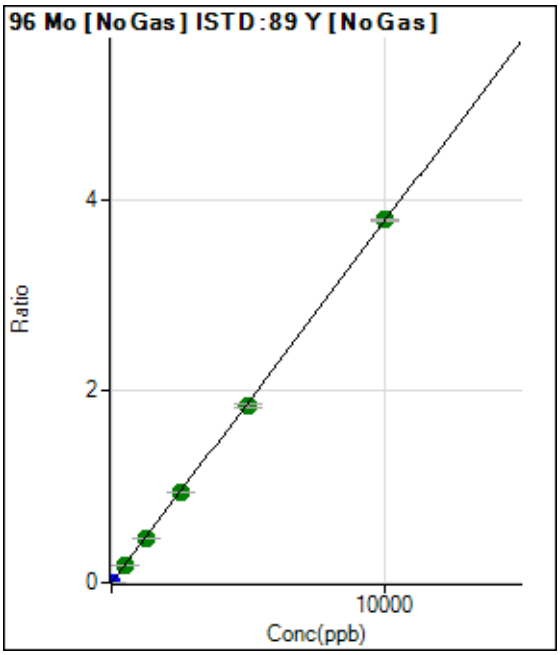
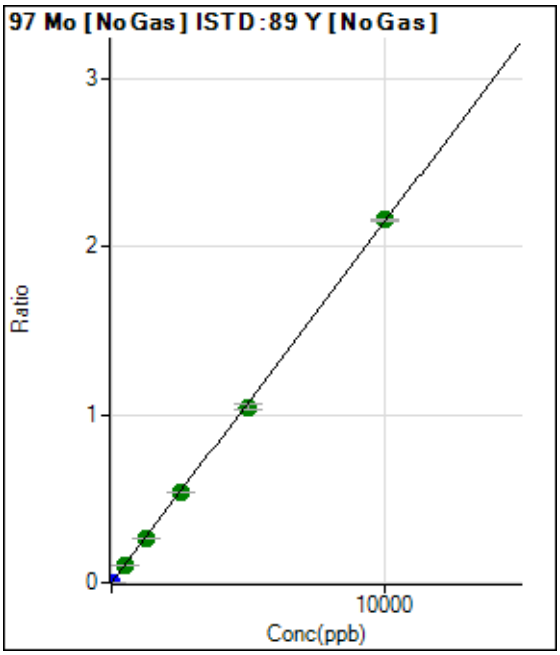


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	314.45	0.0000	P	16.2
2	☐	5.000	5.050	77002.43	0.0019	P	3.7
3	☐	500.000	499.156	7592005.16	0.1882	A	1.0
4	☐	1250.000	1229.825	18823682.92	0.4636	A	0.6
5	☐	2500.000	2515.769	37514701.11	0.9483	A	0.7
6	☐	5000.000	4911.028	75872802.20	1.8512	A	2.6
7	☐	10000.000	10043.108	153471603.27	3.7858	A	0.4
8	☐			41904.78	0.0013	P	31.0

y = 3.7695E-004 * x + 8.0513E-006
R = 0.9999
DL = 0.01038
BEC = 0.02136

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	8.3
2	☐	5.000	4.988	43170.20	0.0011	P	4.5
3	☐	500.000	494.646	4279855.63	0.1061	A	1.1
4	☐	1250.000	1229.489	10705689.77	0.2637	A	0.9
5	☐	2500.000	2514.548	21330621.35	0.5392	A	0.8
6	☐	5000.000	4876.665	42861009.91	1.0457	A	2.4
7	☐	10000.000	10060.862	87458749.81	2.1574	A	0.2
8	☐			11110.10	0.0004	P	44.5

y = 2.1444E-004 * x + 2.4178E-006
R = 0.9999
DL = 0.002819
BEC = 0.01127

Weight: <None>
Min Conc: 0

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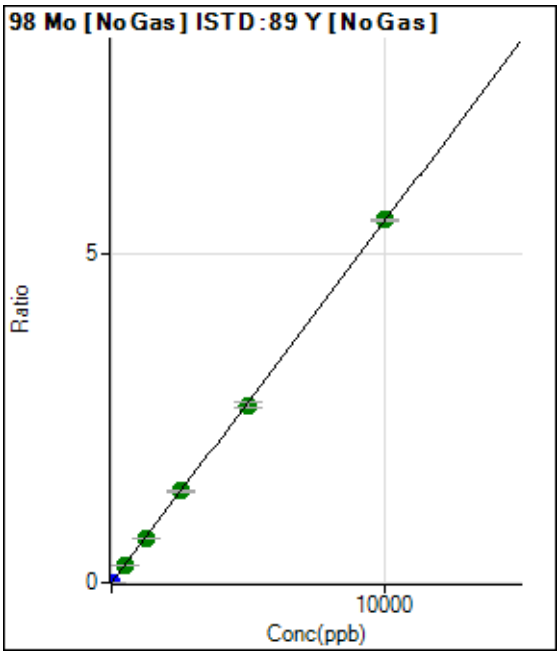
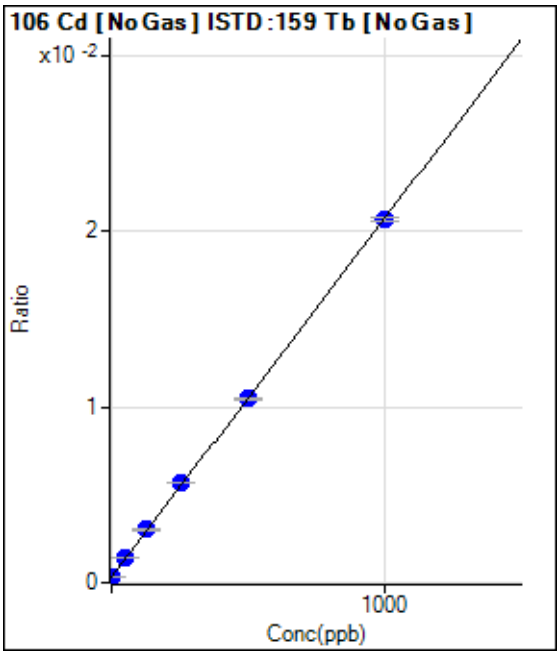


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	207.78	0.0000	P	43.5
2	☐	5.000	5.061	112433.14	0.0028	P	4.4
3	☐	500.000	499.312	11091640.67	0.2749	A	1.2
4	☐	1250.000	1232.415	27550959.03	0.6785	A	1.1
5	☐	2500.000	2533.306	55170416.40	1.3947	A	1.4
6	☐	5000.000	4912.555	110847005.01	2.7046	A	2.9
7	☐	10000.000	10037.628	224028056.66	5.5263	A	0.2
8	☐			27181.31	0.0009	P	43.9

y = 5.5056E-004 * x + 5.3284E-006
R = 0.9999
DL = 0.01263
BEC = 0.009678

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10363.77	0.0003	P	2.3
2	☐	1.000	1.258	11668.13	0.0003	P	1.9
3	☐	50.000	52.968	47982.22	0.0014	P	2.4
4	☐	125.000	131.957	104480.89	0.0030	P	0.9
5	☐	250.000	264.119	194975.10	0.0057	P	0.9
6	☐	500.000	497.756	373775.49	0.0105	P	1.7
7	☐	1000.000	996.574	729556.81	0.0207	P	1.1
8	☐			9432.13	0.0003	P	0.6

y = 2.0407E-005 * x + 3.1876E-004
R = 0.9999
DL = 1.078
BEC = 15.62

Weight: <None>
Min Conc: 0

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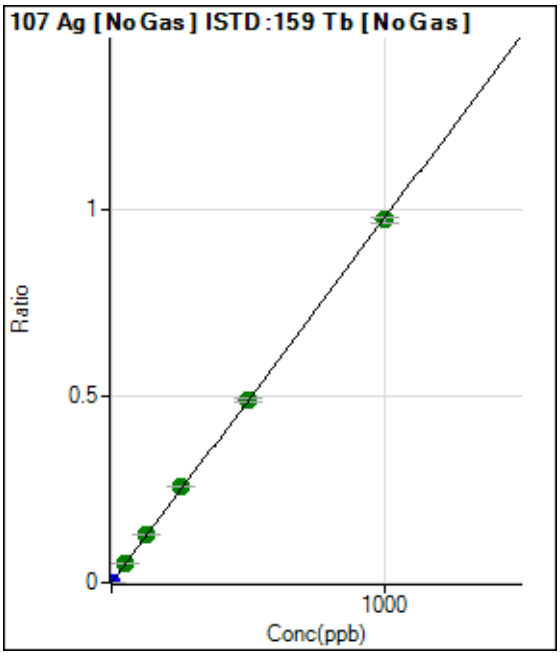
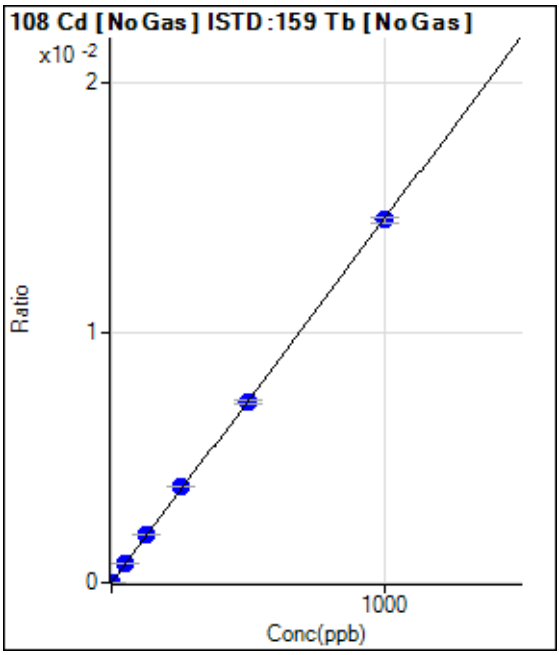


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	237.79	0.0000	P	27.0
2	☐	1.000	1.094	36400.07	0.0011	P	4.5
3	☐	50.000	53.104	1778328.69	0.0519	A	1.2
4	☐	125.000	131.776	4465059.17	0.1287	A	0.2
5	☐	250.000	263.917	8803200.77	0.2577	A	1.6
6	☐	500.000	500.635	17444414.88	0.4889	A	1.5
7	☐	1000.000	995.201	34328119.21	0.9719	A	1.4
8	☐			3397.11	0.0001	P	42.9

y = 9.7660E-004 * x + 7.3136E-006
R = 0.9999
DL = 0.00607
BEC = 0.007489

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	8.9
2	☐	1.000	0.940	486.68	0.0000	P	12.1
3	☐	50.000	53.200	26608.86	0.0008	P	1.8
4	☐	125.000	132.527	67041.59	0.0019	P	0.6
5	☐	250.000	264.165	131537.26	0.0039	P	1.4
6	☐	500.000	497.380	258681.31	0.0073	P	1.9
7	☐	1000.000	996.668	513120.93	0.0145	P	1.8
8	☐			208.89	0.0000	P	26.0

y = 1.4576E-005 * x + 6.8351E-007
R = 0.9999
DL = 0.01249
BEC = 0.04689

Weight: <None>
Min Conc: 0

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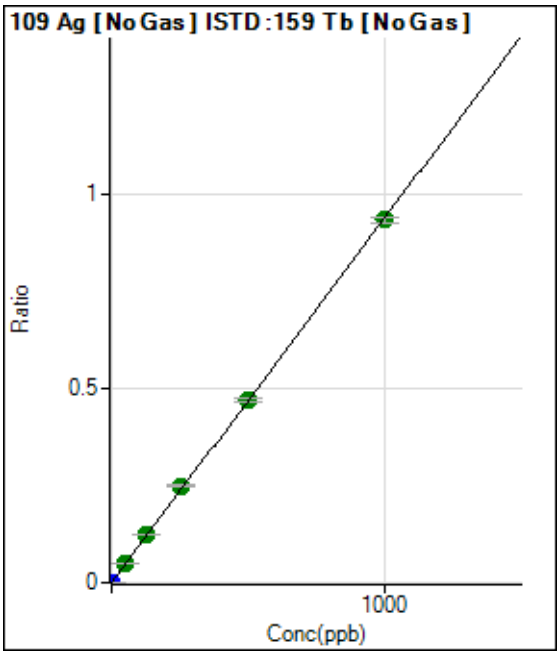
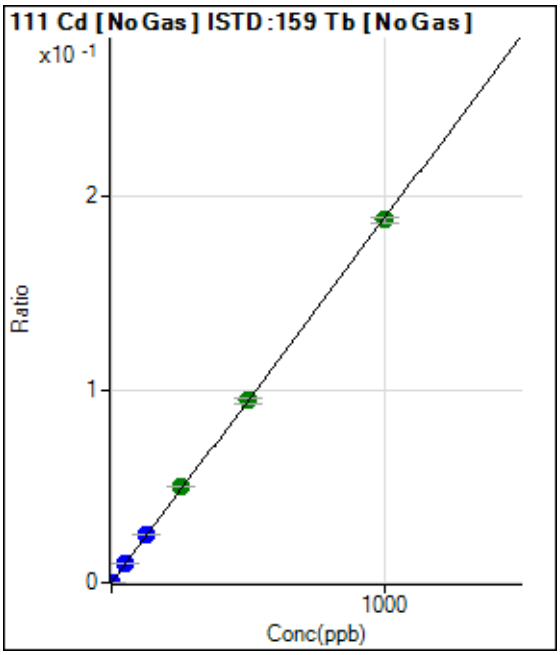


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	38.3
2	☐	1.000	1.094	34870.79	0.0010	P	2.9
3	☐	50.000	53.493	1720512.61	0.0502	A	1.2
4	☐	125.000	131.599	4282961.74	0.1235	A	0.2
5	☐	250.000	265.301	8500251.68	0.2489	A	1.0
6	☐	500.000	499.390	16713367.11	0.4685	A	2.0
7	☐	1000.000	995.480	32982130.89	0.9338	A	1.4
8	☐			3198.18	0.0001	P	38.8

y = 9.3805E-004 * x + 3.9333E-006
R = 0.9999
DL = 0.004817
BEC = 0.004193

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1056.48	0.0000	P	2.0
2	☐	1.000	1.150	8447.70	0.0002	P	5.6
3	☐	50.000	54.053	351047.64	0.0102	P	1.6
4	☐	125.000	133.568	876163.52	0.0253	P	0.9
5	☐	250.000	264.191	1705121.78	0.0499	A	0.6
6	☐	500.000	499.859	3368573.74	0.0944	A	2.8
7	☐	1000.000	995.249	6638891.48	0.1880	A	1.9
8	☐			1875.21	0.0001	P	22.7

y = 1.8884E-004 * x + 3.2495E-005
R = 0.9999
DL = 0.01049
BEC = 0.1721

Weight: <None>
Min Conc: 0

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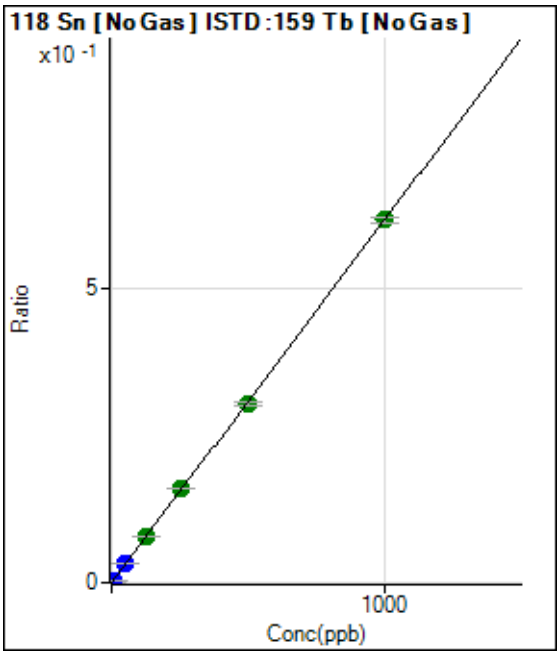
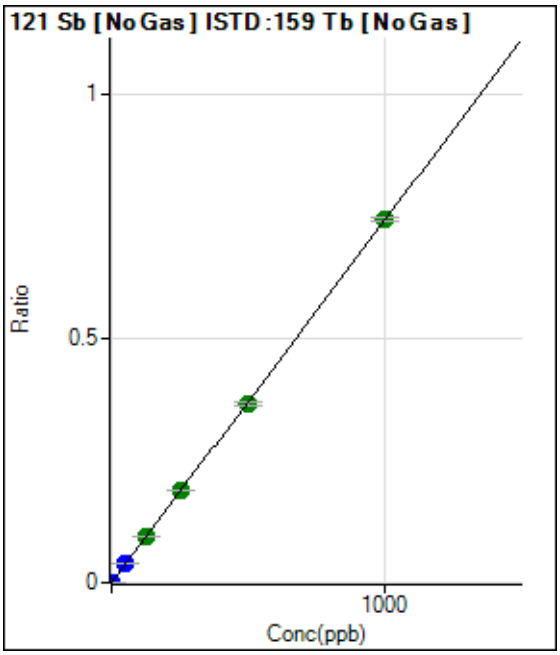


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3947.25	0.0001	P	2.1
2	☐	5.000	5.343	115920.68	0.0034	P	2.4
3	☐	50.000	52.285	1111908.35	0.0324	P	1.7
4	☐	125.000	128.341	2755884.37	0.0794	A	1.1
5	☐	250.000	259.123	5473495.75	0.1603	A	1.2
6	☐	500.000	493.805	10891402.06	0.3053	A	2.3
7	☐	1000.000	1000.283	21836932.73	0.6183	A	1.9
8	☐			20264.65	0.0007	P	23.0

y = 6.1799E-004 * x + 1.2141E-004
R = 0.9999
DL = 0.01265
BEC = 0.1965

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0000	P	41.2
2	☐	2.000	2.128	53499.04	0.0016	P	2.9
3	☐	50.000	51.091	1299014.41	0.0379	P	2.0
4	☐	125.000	125.608	3231894.85	0.0932	A	0.8
5	☐	250.000	256.845	6506050.66	0.1905	A	0.6
6	☐	500.000	492.269	13025113.70	0.3651	A	1.9
7	☐	1000.000	1002.023	26247706.83	0.7431	A	0.9
8	☐			15889.09	0.0006	P	16.9

y = 7.4162E-004 * x + 1.7783E-006
R = 0.9999
DL = 0.002966
BEC = 0.002398

Weight: <None>
Min Conc: 0

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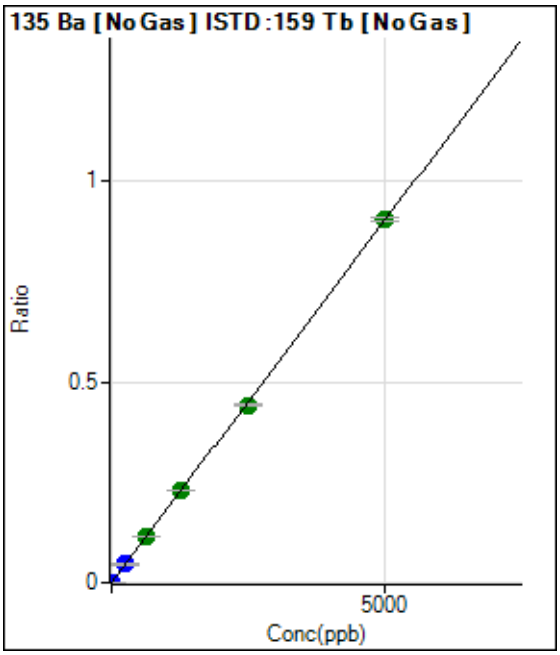
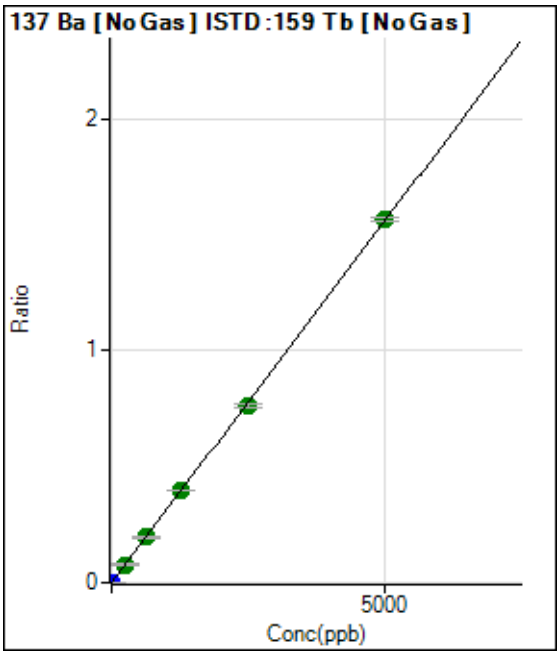


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0000	P	21.7
2	☐	10.000	10.376	63459.41	0.0019	P	3.6
3	☐	250.000	254.301	1572792.65	0.0459	P	1.8
4	☐	625.000	628.938	3936243.28	0.1135	A	0.6
5	☐	1250.000	1273.754	7847944.47	0.2298	A	1.4
6	☐	2500.000	2457.586	15817862.26	0.4433	A	1.4
7	☐	5000.000	5014.560	31950406.47	0.9046	A	1.2
8	☐			11935.11	0.0004	P	27.9

y = 1.8039E-004 * x + 2.6667E-006
R = 0.9999
DL = 0.009623
BEC = 0.01478

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	203.34	0.0000	P	24.0
2	☐	10.000	10.433	110350.71	0.0033	P	2.4
3	☐	250.000	251.882	2692825.97	0.0785	A	1.2
4	☐	625.000	627.150	6783870.04	0.1955	A	1.0
5	☐	1250.000	1277.533	13604614.80	0.3983	A	1.4
6	☐	2500.000	2447.076	27222145.15	0.7630	A	1.5
7	☐	5000.000	5019.215	55274268.62	1.5649	A	1.0
8	☐			20644.08	0.0008	P	30.7

y = 3.1178E-004 * x + 6.2572E-006
R = 0.9999
DL = 0.01444
BEC = 0.02007

Weight: <None>
Min Conc: 0

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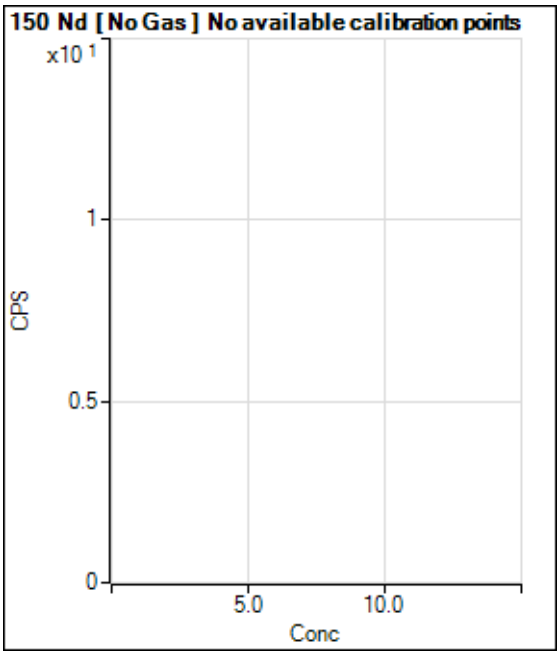
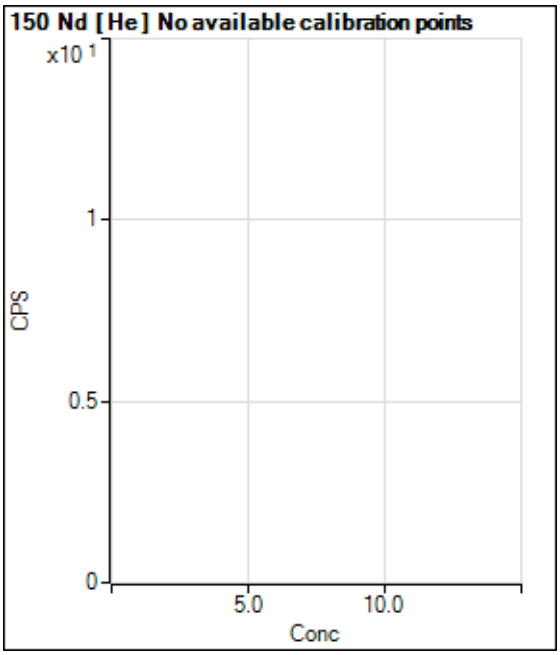


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15.55		P	44.6
2	☐			24.44		P	20.8
3	☐			86.67		P	13.9
4	☐			221.11		P	5.3
5	☐			377.79		P	9.7
6	☐			722.25		P	4.6
7	☐			1390.09		P	1.6
8	☐			502.24		P	4.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	114.
2	☐			4.45		P	86.6
3	☐			24.44		P	78.7
4	☐			48.89		P	17.2
5	☐			96.67		P	3.5
6	☐			147.78		P	9.4
7	☐			288.89		P	17.4
8	☐			316.68		P	8.4

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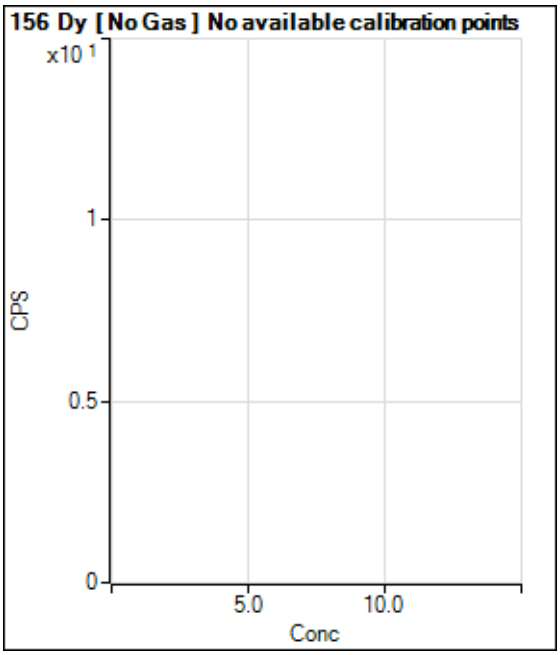
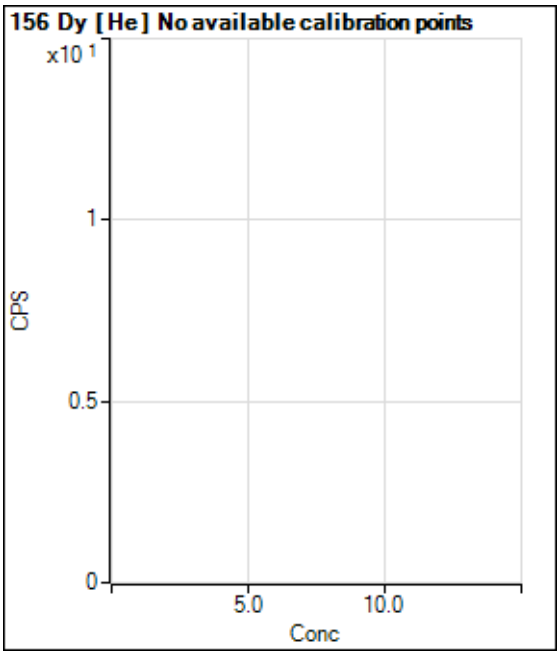


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			18.89		P	27.0
2	☐			18.89		P	20.4
3	☐			33.33		P	26.5
4	☐			64.44		P	28.5
5	☐			137.78		P	17.0
6	☐			252.23		P	9.4
7	☐			573.45		P	33.3
8	☐			775.58		P	7.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10.00		P	88.2
2	☐			18.89		P	73.5
3	☐			68.89		P	20.1
4	☐			164.45		P	18.7
5	☐			311.12		P	8.0
6	☐			646.69		P	1.0
7	☐			1297.85		P	5.9
8	☐			572.24		P	8.8

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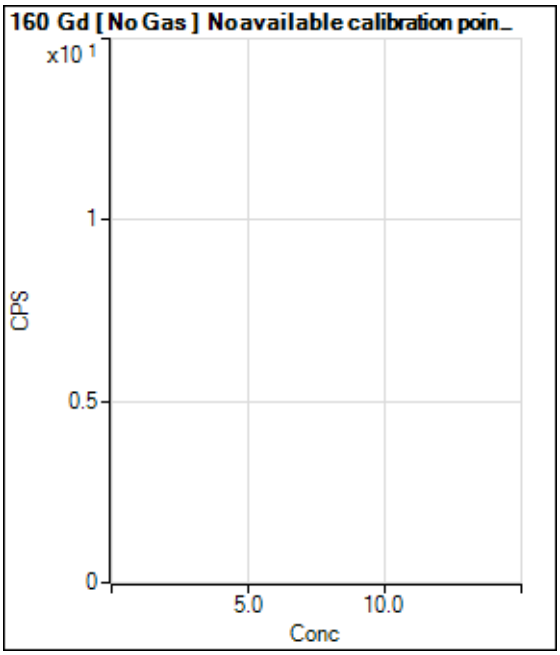
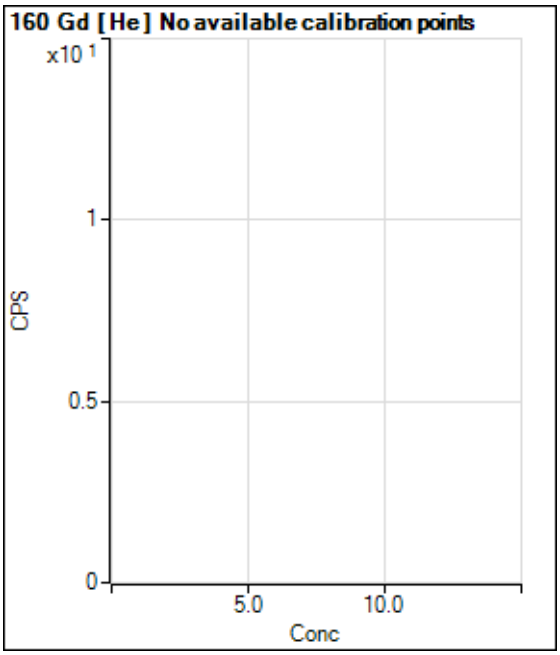


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			170.01		P	12.2
2	☐			184.45		P	6.3
3	☐			210.00		P	5.7
4	☐			202.22		P	17.5
5	☐			221.11		P	12.2
6	☐			301.12		P	8.3
7	☐			412.23		P	3.3
8	☐			870.04		P	5.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1192.28		P	7.9
2	☐			1096.72		P	9.8
3	☐			1143.39		P	6.5
4	☐			1214.51		P	4.1
5	☐			1252.29		P	2.5
6	☐			1240.07		P	11.9
7	☐			1336.75		P	2.8
8	☐			1656.78		P	4.0

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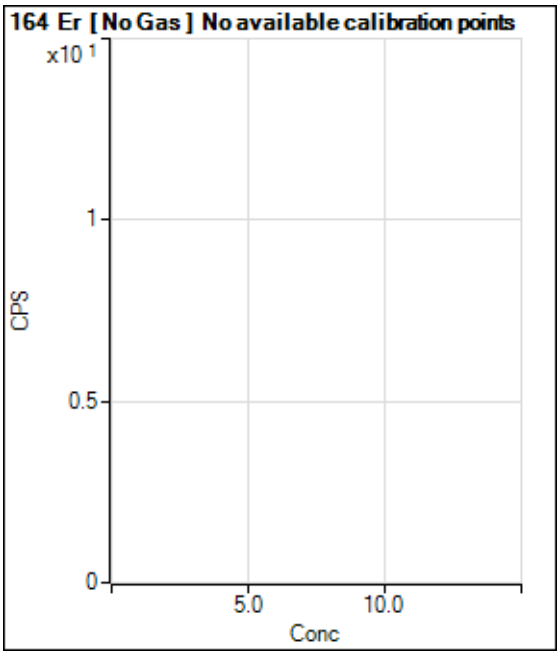
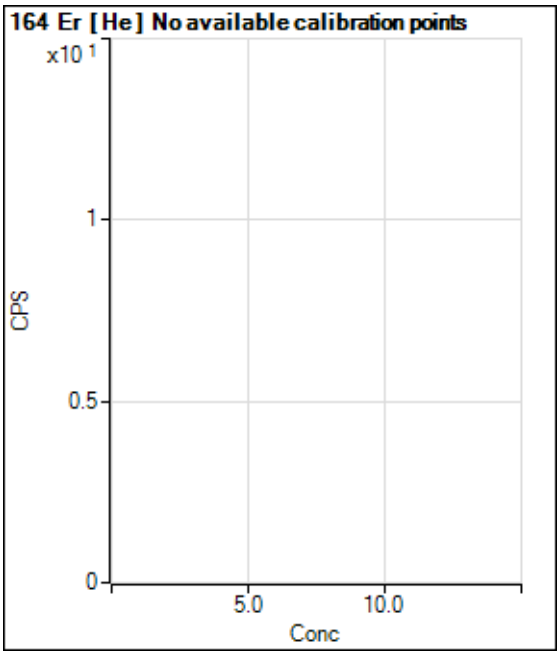


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			105.56		P	42.1
2	☐			137.78		P	11.9
3	☐			157.78		P	12.7
4	☐			197.78		P	15.6
5	☐			222.23		P	8.3
6	☐			274.45		P	9.4
7	☐			440.01		P	3.5
8	☐			952.27		P	4.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			88.89		P	18.5
2	☐			83.33		P	12.0
3	☐			96.67		P	33.3
4	☐			116.67		P	10.3
5	☐			123.34		P	9.4
6	☐			186.67		P	6.4
7	☐			243.34		P	15.6
8	☐			617.80		P	4.4

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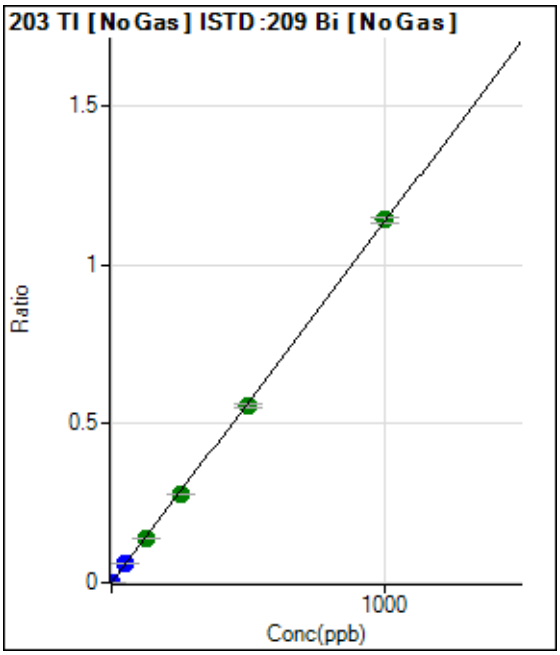
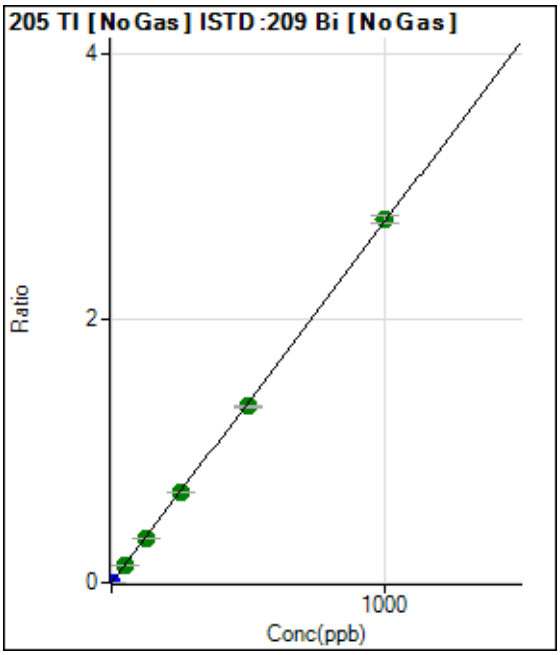


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	292.23	0.0000	P	16.3
2	☐	1.000	1.029	22114.69	0.0012	P	2.1
3	☐	50.000	50.907	1091510.62	0.0578	P	0.4
4	☐	125.000	121.457	2648810.50	0.1379	A	0.8
5	☐	250.000	247.400	5308927.90	0.2809	A	0.2
6	☐	500.000	491.449	10743126.72	0.5579	A	1.9
7	☐	1000.000	1005.323	21358171.76	1.1413	A	1.4
8	☐			1624.57	0.0001	P	50.0

y = 0.0011 * x + 1.6004E-005
R = 0.9999
DL = 0.006897
BEC = 0.0141

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	626.69	0.0000	P	6.2
2	☐	1.000	1.018	52507.52	0.0028	P	2.1
3	☐	50.000	48.826	2515941.75	0.1332	A	1.3
4	☐	125.000	121.584	6372066.22	0.3317	A	0.7
5	☐	250.000	248.855	12833596.34	0.6790	A	0.5
6	☐	500.000	489.258	25704422.39	1.3348	A	1.4
7	☐	1000.000	1006.143	51366494.24	2.7450	A	2.1
8	☐			4025.11	0.0003	P	48.2

y = 0.0027 * x + 3.4328E-005
R = 0.9999
DL = 0.002343
BEC = 0.01258

Weight: <None>
Min Conc: 0

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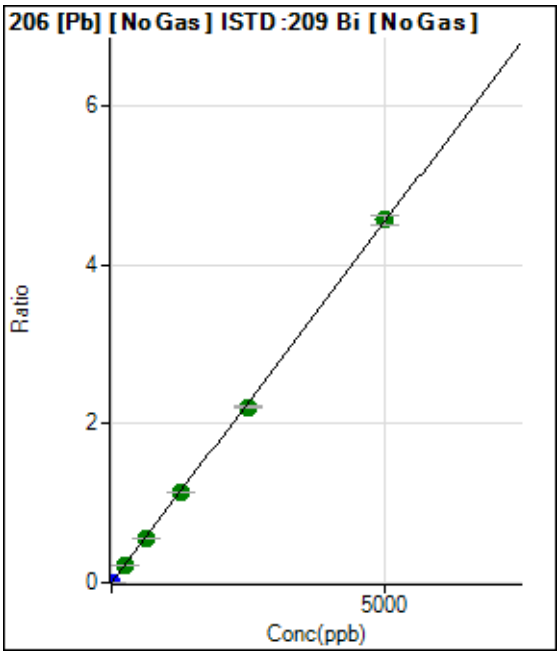
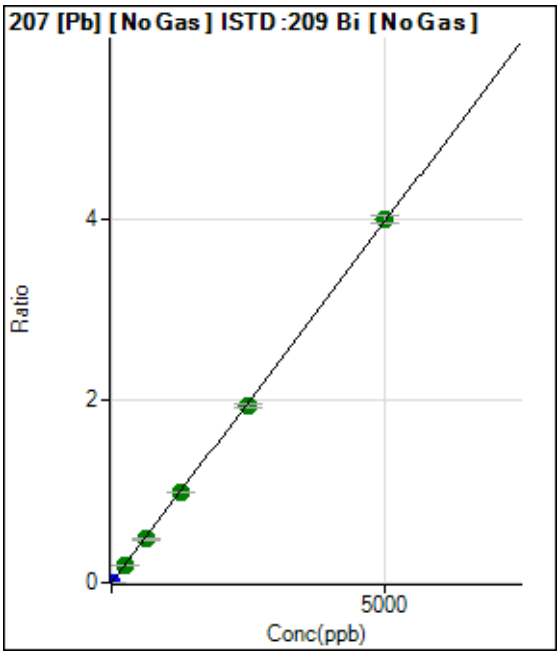


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	758.92	0.0000	P	12.0
2	☐	1.000	1.037	18356.91	0.0010	P	3.1
3	☐	250.000	246.908	4233483.13	0.2242	A	0.8
4	☐	625.000	606.726	10581058.10	0.5509	A	0.6
5	☐	1250.000	1243.284	21335787.32	1.1288	A	0.3
6	☐	2500.000	2441.088	42674696.58	2.2162	A	2.0
7	☐	5000.000	5033.574	85511344.84	4.5698	A	2.3
8	☐			13860.63	0.0010	P	35.3

y = 9.0786E-004 * x + 4.1596E-005
R = 0.9999
DL = 0.01643
BEC = 0.04582

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	626.69	0.0000	P	9.0
2	☐	1.000	1.038	16001.73	0.0009	P	1.1
3	☐	250.000	248.785	3725160.05	0.1973	A	0.3
4	☐	625.000	603.619	9192869.93	0.4786	A	1.4
5	☐	1250.000	1244.359	18648992.08	0.9866	A	0.6
6	☐	2500.000	2447.217	37361508.61	1.9403	A	2.3
7	☐	5000.000	5030.535	74633801.11	3.9885	A	2.3
8	☐			12087.87	0.0009	P	38.2

y = 7.9285E-004 * x + 3.4340E-005
R = 0.9999
DL = 0.01176
BEC = 0.04331

Weight: <None>
Min Conc: 0

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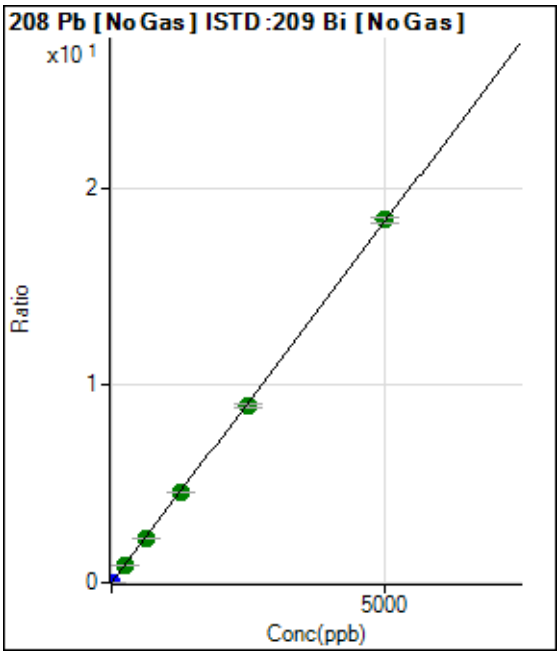
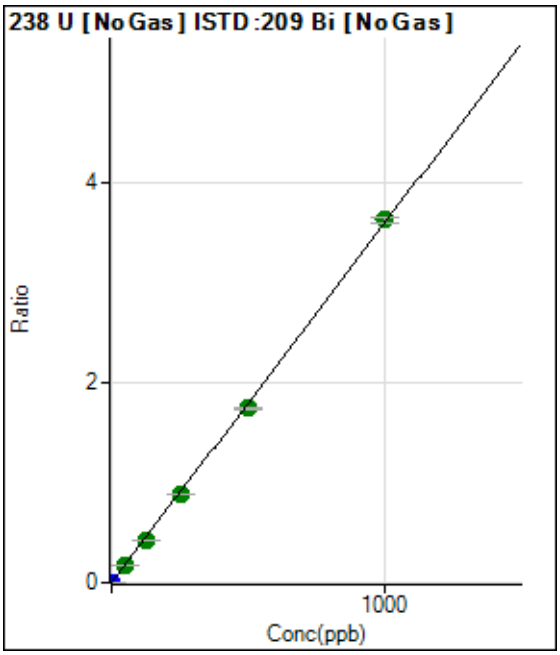


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2967.94	0.0002	P	6.4
2	☐	1.000	1.033	73492.70	0.0039	P	1.4
3	☐	250.000	248.361	17132277.21	0.9073	A	0.7
4	☐	625.000	607.648	42633554.64	2.2196	A	0.8
5	☐	1250.000	1249.622	86275870.94	4.5644	A	0.4
6	☐	2500.000	2445.887	172026758.27	8.9338	A	2.1
7	☐	5000.000	5029.402	343763560.99	18.3702	A	1.8
8	☐			55690.68	0.0042	P	36.1

y = 0.0037 * x + 1.6263E-004
R = 0.9999
DL = 0.008494
BEC = 0.04452

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0000	P	32.2
2	☐	1.000	0.979	65646.30	0.0035	P	2.4
3	☐	50.000	47.570	3222568.39	0.1707	A	0.9
4	☐	125.000	118.678	8178301.47	0.4258	A	1.0
5	☐	250.000	244.855	16604476.28	0.8785	A	0.7
6	☐	500.000	484.737	33488384.22	1.7391	A	1.7
7	☐	1000.000	1009.830	67796315.65	3.6229	A	1.9
8	☐			3309.59	0.0003	P	83.1

y = 0.0036 * x + 3.1688E-006
R = 0.9998
DL = 0.0008524
BEC = 0.0008832

Weight: <None>
Min Conc: 0

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
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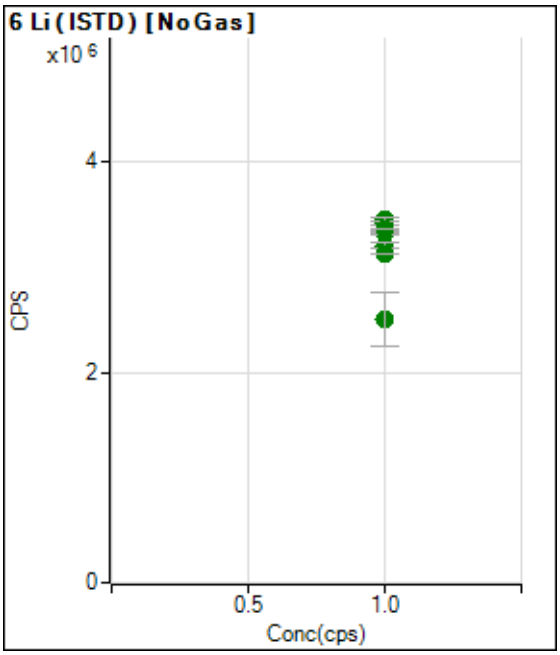

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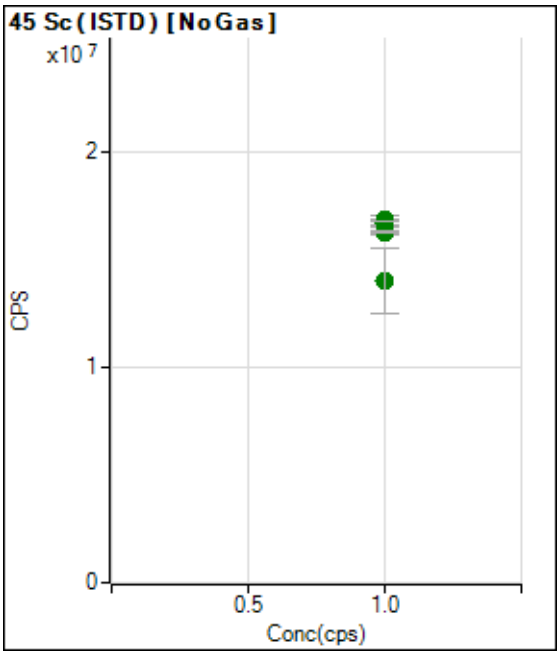
1	☐	1.000		3208226.26		A	1.9
2	☐	1.000		3376215.93		A	1.4
3	☐	1.000		3416452.97		A	1.2
4	☐	1.000		3452537.89		A	1.0
5	☐	1.000		3326365.15		A	0.3
6	☐	1.000		3371558.81		A	0.3
7	☐	1.000		3128899.26		A	0.4
8	☐	1.000		2510182.02		A	20.8



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1	☐	1.000		16308526.01		A	0.6
2	☐	1.000		16844388.64		A	2.5
3	☐	1.000		16845925.30		A	0.4
4	☐	1.000		16827539.33		A	0.8
5	☐	1.000		16264307.12		A	1.0
6	☐	1.000		16667172.39		A	1.3
7	☐	1.000		16309778.09		A	0.4
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Reviewed By:mohan
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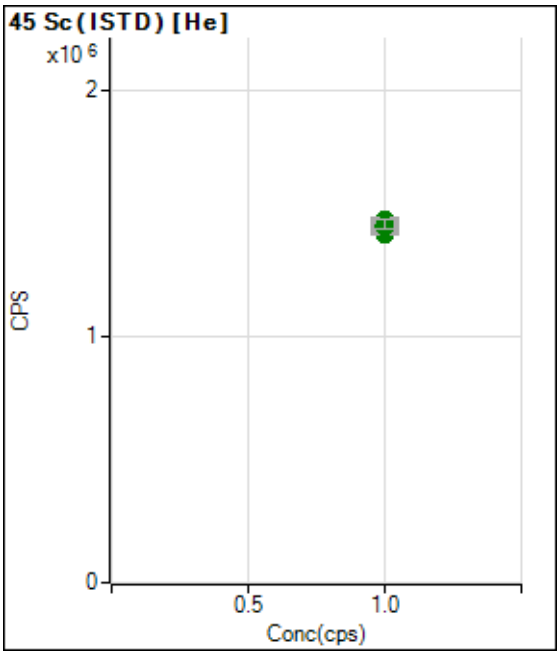

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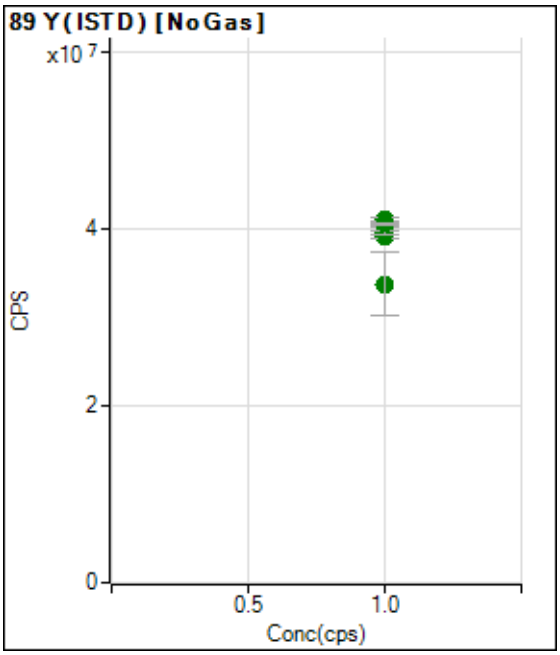
1	☐	1.000		1447857.24		A	0.7
2	☐	1.000		1440334.23		A	1.4
3	☐	1.000		1439649.42		A	0.5
4	☐	1.000		1441218.12		A	2.0
5	☐	1.000		1412023.31		A	0.6
6	☐	1.000		1441050.81		A	1.3
7	☐	1.000		1471191.54		A	1.1
8	☐	1.000		1454216.35		A	2.6



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1	☐	1.000		39085529.14		A	1.0
2	☐	1.000		40307200.79		A	3.1
3	☐	1.000		40348238.84		A	0.4
4	☐	1.000		40604928.28		A	0.7
5	☐	1.000		39561241.91		A	1.5
6	☐	1.000		40997634.11		A	1.8
7	☐	1.000		40538434.40		A	0.6
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Reviewed By:mohan
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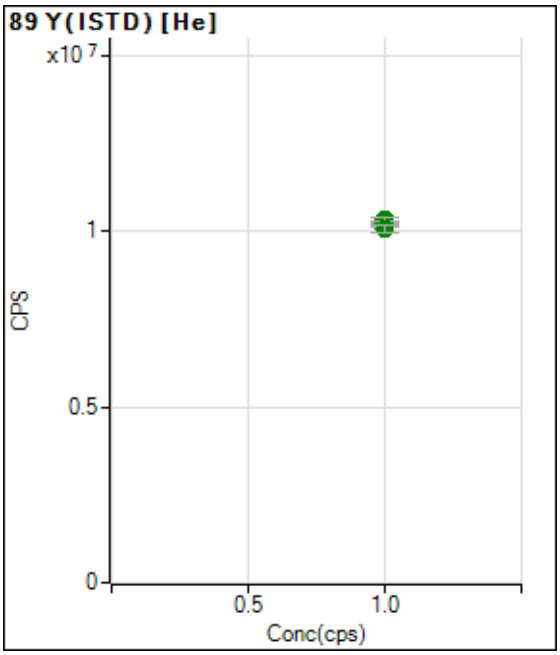

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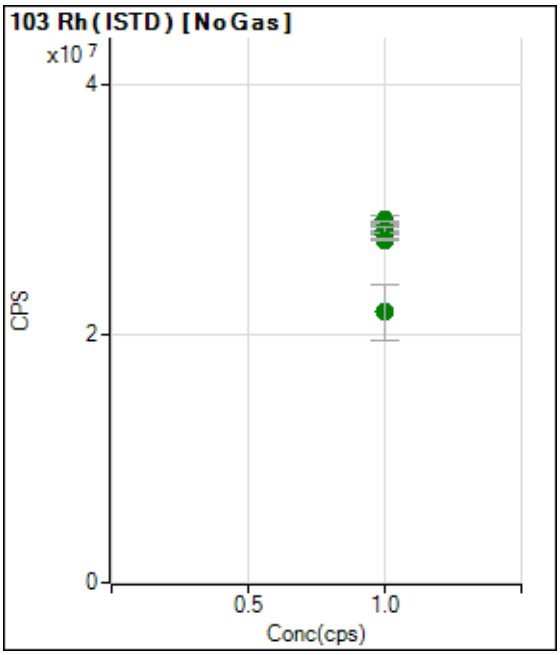
1	☐	1.000		10189896.51		A	0.4
2	☐	1.000		10155662.28		A	0.7
3	☐	1.000		10226999.85		A	0.3
4	☐	1.000		10255071.79		A	0.8
5	☐	1.000		10178327.56		A	0.6
6	☐	1.000		10253675.40		A	1.2
7	☐	1.000		10325713.67		A	1.0
8	☐	1.000		10069147.49		A	1.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		28122564.30		A	0.9
2	☐	1.000		29183224.29		A	2.8
3	☐	1.000		28993989.57		A	0.7
4	☐	1.000		29025969.57		A	0.5
5	☐	1.000		27936254.03		A	1.5
6	☐	1.000		28366550.13		A	1.5
7	☐	1.000		27587704.59		A	0.5
8	☐	1.000		21751799.40		A	20.8

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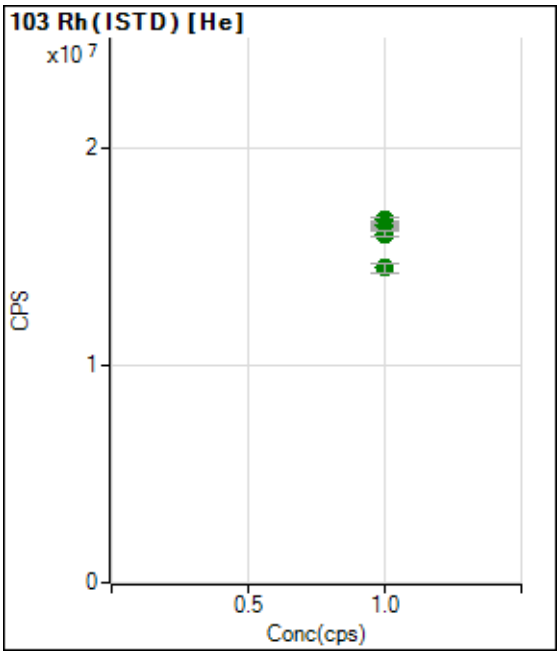
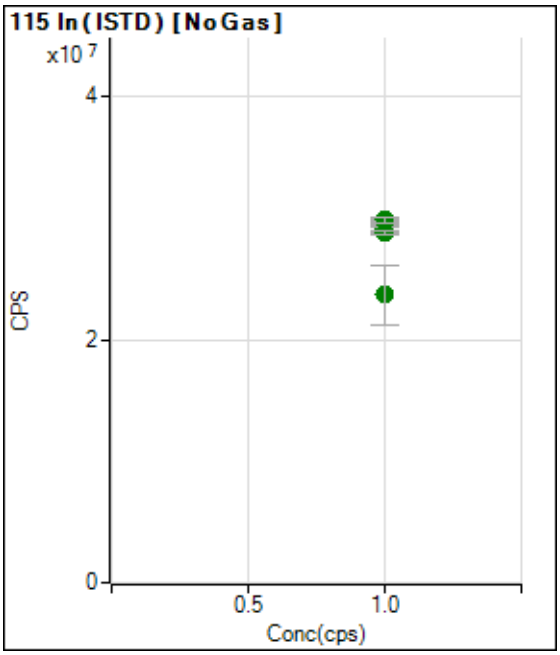


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16576831.56		A	0.6
2	☐	1.000		16556730.59		A	1.5
3	☐	1.000		16731987.67		A	1.0
4	☐	1.000		16491451.84		A	0.9
5	☐	1.000		16512704.61		A	1.1
6	☐	1.000		16314171.42		A	0.0
7	☐	1.000		16095923.09		A	1.1
8	☐	1.000		14500579.64		A	2.9



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1	☐	1.000		28726340.90		A	0.4
2	☐	1.000		29624538.26		A	1.9
3	☐	1.000		29564531.09		A	0.6
4	☐	1.000		29846341.44		A	0.4
5	☐	1.000		29067192.45		A	1.3
6	☐	1.000		29838400.77		A	1.4
7	☐	1.000		28821248.11		A	0.8
8	☐	1.000		23660814.17		A	20.5

Reviewed By:mohan
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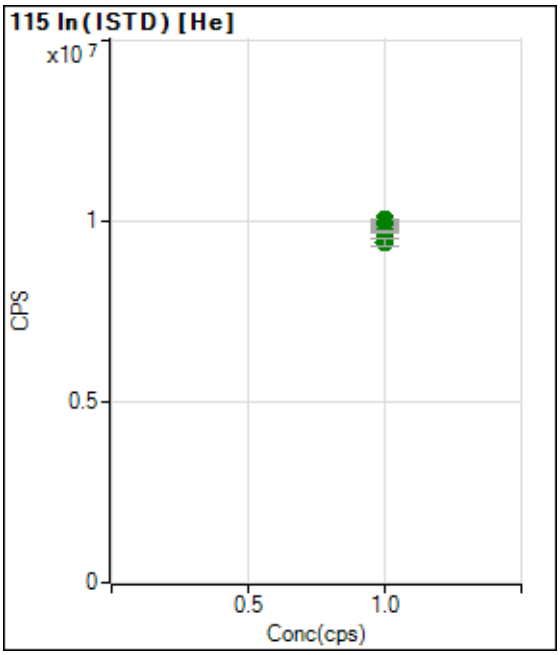

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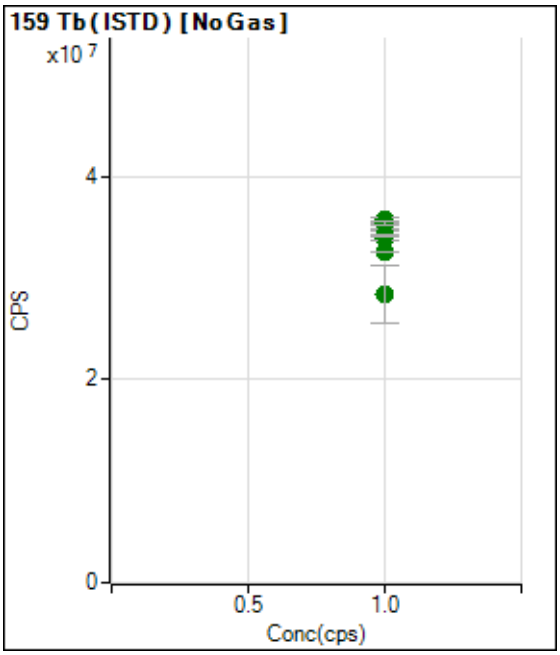
1	☐	1.000		9921255.88		A	1.2
2	☐	1.000		9907232.24		A	1.2
3	☐	1.000		10039649.70		A	0.3
4	☐	1.000		9877492.86		A	0.8
5	☐	1.000		9846048.01		A	0.5
6	☐	1.000		9836135.47		A	0.4
7	☐	1.000		9701853.06		A	0.9
8	☐	1.000		9411353.20		A	2.4



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1	☐	1.000		32513119.24		A	0.3
2	☐	1.000		33869457.00		A	1.6
3	☐	1.000		34289054.21		A	1.5
4	☐	1.000		34693735.32		A	0.4
5	☐	1.000		34156288.38		A	0.6
6	☐	1.000		35683815.86		A	1.4
7	☐	1.000		35322698.36		A	0.9
8	☐	1.000		28381446.24		A	20.3

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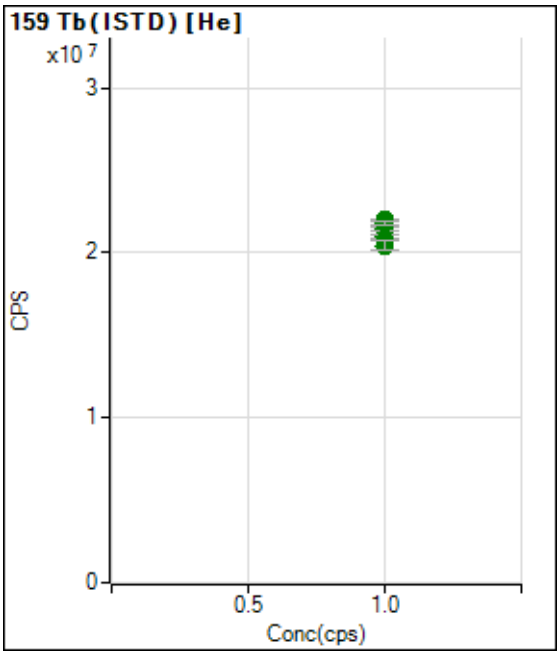
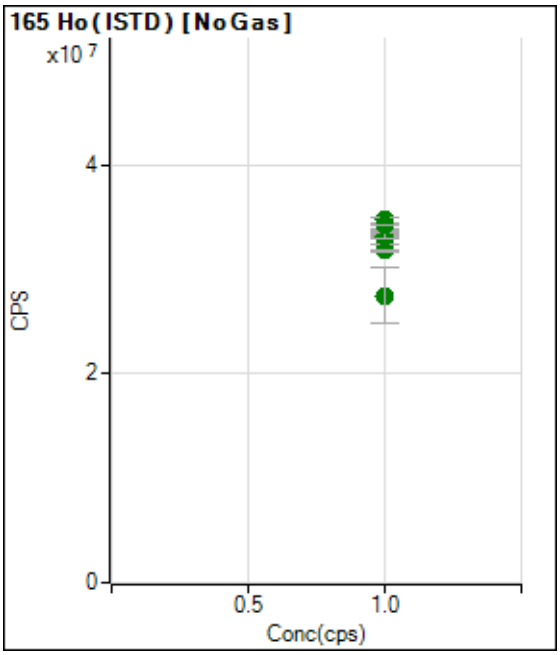


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		20985262.47		A	0.8
2	☐	1.000		21078264.97		A	0.2
3	☐	1.000		21505498.01		A	1.3
4	☐	1.000		21766323.01		A	2.0
5	☐	1.000		21998237.73		A	0.7
6	☐	1.000		21962799.12		A	0.3
7	☐	1.000		21769471.62		A	0.9
8	☐	1.000		20462498.31		A	2.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		31779012.58		A	0.3
2	☐	1.000		32916195.34		A	2.7
3	☐	1.000		33252208.67		A	0.2
4	☐	1.000		33803674.22		A	0.4
5	☐	1.000		33223568.95		A	1.3
6	☐	1.000		34740245.87		A	1.8
7	☐	1.000		34270991.71		A	0.2
8	☐	1.000		27523299.03		A	19.7

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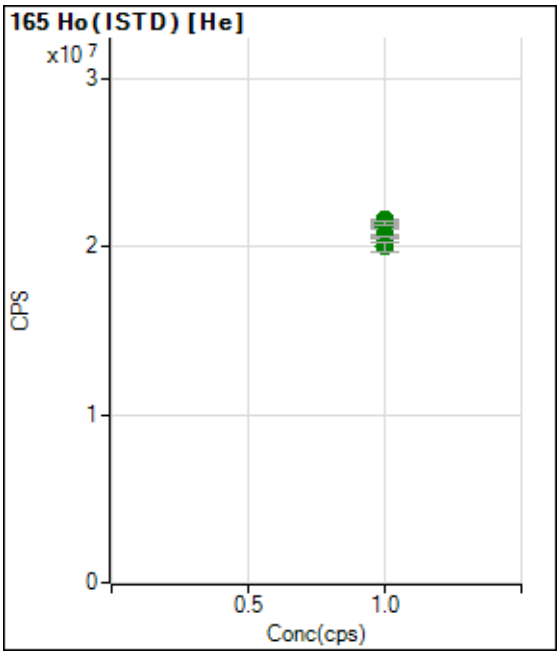

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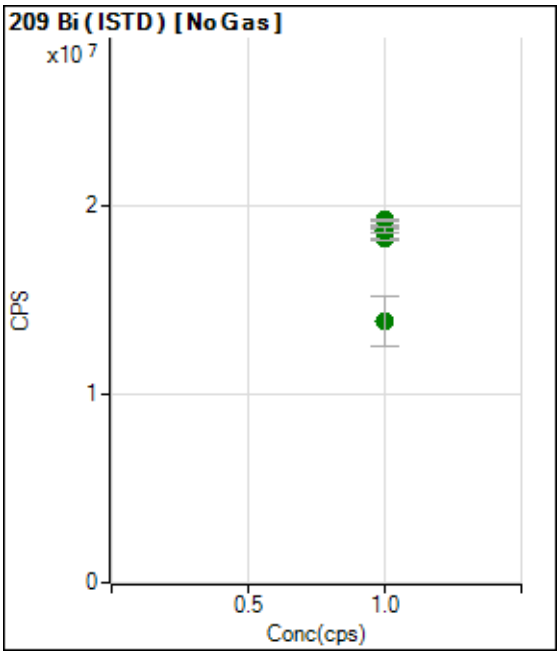
1	☐	1.000		20579938.03		A	1.1
2	☐	1.000		20541481.22		A	0.5
3	☐	1.000		21211857.19		A	0.4
4	☐	1.000		21250497.74		A	1.5
5	☐	1.000		21616615.23		A	0.3
6	☐	1.000		21570578.29		A	0.5
7	☐	1.000		21469233.57		A	1.0
8	☐	1.000		19998497.34		A	3.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18252616.26		A	0.6
2	☐	1.000		18671277.50		A	1.4
3	☐	1.000		18882387.50		A	0.3
4	☐	1.000		19208407.22		A	0.7
5	☐	1.000		18901950.83		A	0.4
6	☐	1.000		19257891.24		A	0.8
7	☐	1.000		18717015.28		A	1.7
8	☐	1.000		13924844.03		A	19.1

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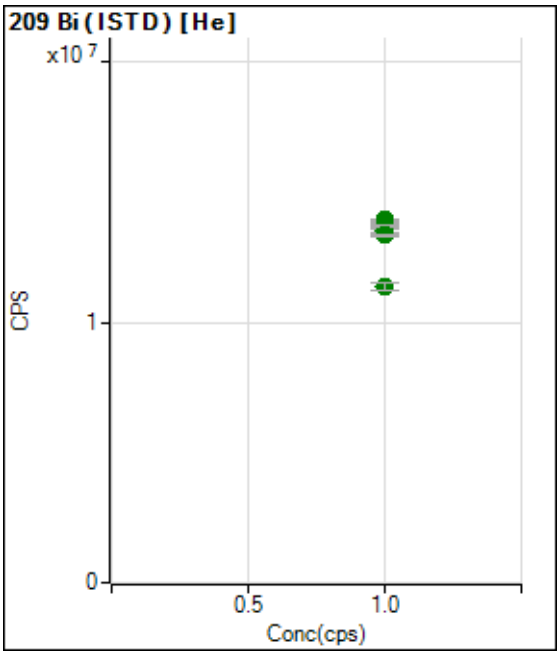

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1	☐	1.000		13529201.05		A	1.4
2	☐	1.000		13594564.94		A	0.4
3	☐	1.000		13927695.63		A	0.3
4	☐	1.000		13700893.13		A	1.8
5	☐	1.000		13853701.74		A	0.6
6	☐	1.000		13707636.32		A	0.8
7	☐	1.000		13330724.11		A	0.6
8	☐	1.000		11342768.93		A	2.7

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7
ClientSampleId :TUNE005

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7111024MS2.b

Acq. Date-Time 2024-11-10 22:06:39

Report Comment ---

Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		32855	328549.93			0.408	5.000
24		188572	1885716.83			0.805	5.000
25		24247	242474.70			0.381	5.000
26		27882	278815.02			0.284	5.000
59		236202	2362016.91			1.244	5.000
113		30230	302299.90			0.819	5.000
115		368893	3688931.15			1.742	5.000
206		70118	701184.28			1.031	5.000
207		60596	605958.92			0.940	5.000
208		142710	1427104.08			0.442	5.000
220		0	2.70			53.351	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

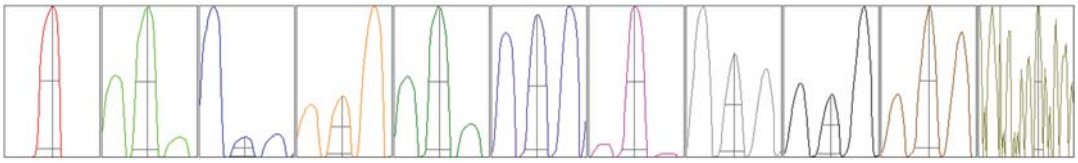
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	32876	33003	32960	32703	32732
24	186757	188707	187407	189491	190496
25	24356	24100	24266	24265	24251
26	27747	27898	27883	27934	27945
59	232972	235486	241009	235543	235998
113	30618	30227	30255	30097	29953
115	376663	373486	363686	369258	361373
206	71144	69955	70451	69828	69214
207	61520	60565	60573	60338	59983
208	142569	142136	143719	142261	142867

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	1	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	55267.82	9.05	8.90 - 9.10	
24	312658.86	23.95	23.90 - 24.10	
25	40493.01	24.95	24.90 - 25.10	
26	47153.63	25.95	25.90 - 26.10	
59	396959.72	58.95	58.90 - 59.10	
113	55504.42	112.95	112.90 - 113.10	
115	674728.58	114.95	114.90 - 115.10	
206	139632.66	206.05	205.90 - 206.10	
207	116862.31	207.00	206.90 - 207.10	
208	281446.62	208.05	207.90 - 208.10	
220	0.60	220.40	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.772	0.900	
24	0.64	0.822	0.900	
25	0.63	0.767	0.900	
26	0.62	0.782	0.900	
59	0.62	0.785	0.900	
113	0.56	0.744	0.900	
115	0.55	0.787	0.900	
206	0.53	0.784	0.900	
207	0.53	0.758	0.900	
208	0.53	0.785	0.900	
220	0.22	0.292		

Integration Time [sec] 0.1
Acquisition Time [sec] 256.770000000002
Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.9
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.9 V	Deflect	15.4 V
Extract 2	-160.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-75 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9979	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	0.5 mm		

EM

Discriminator	4.8 mV	Analog HV	2192 V	Pulse HV	951 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		79273	792726.62			0.733	
89		116189	1161888.20			1.234	
205		69833	698329.66			0.591	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	80250	79357	78952	78967	78837
89	118495	116452	115518	115778	114702
205	70442	69984	69543	69815	69381

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.6 V	Deflect	3.8 V

US EPA Tune Check Report

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7
ClientSampleId :TUNE005

Extract 2	-165.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-90 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9979	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	0.5 mm		

EM

Discriminator	4.8 mV	Analog HV	2192 V	Pulse HV	951 V

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:04:56	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.02	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Cadmium	106-1	0.11	0.29	-0.40	0.00	N/A	ppb
Cadmium	111-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	1.14	-0.61	-0.53	0.00	N/A	ppb
Calcium	44-1	1.15	-0.16	-0.99	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.01	0.01	0.00	0.00	N/A	ppb
Iron	57-2	-0.33	0.53	-0.20	0.00	N/A	ppb
Iron	54-2	0.11	-0.06	-0.04	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:04:56	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.01	0.00	0.02	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-15.51	-15.83	-14.72	-15.36		ppb
Potassium	39-2	-0.01	0.20	-0.19	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.02	-0.14	0.12	0.00	N/A	ppb
Selenium	77-2	-0.05	-0.05	0.11	0.00	N/A	ppb
Selenium	78-2	0.39	-0.11	-0.27	0.00	N/A	ppb
Silicon	28-1	0.48	0.10	-0.58	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.27	-0.21	-0.05	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	19.09	10.07	-13.76	5.14	330.41	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.01	0.00	0.00	N/A	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:04:56	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:11:26	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.49	20.54	20.54	20.52	0.15	ppb
Antimony	121-1	2.06	2.14	2.18	2.13	2.95	ppb
Arsenic	75-2	1.06	1.01	1.12	1.06	5.12	ppb
Barium	135-1	9.95	10.61	10.57	10.38	3.58	ppb
Barium	137-1	10.14	10.59	10.57	10.43	2.44	ppb
Beryllium	9-1	0.93	1.12	1.11	1.05	10.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.83	1.07	0.93	0.94	12.66	ppb
Cadmium	106-1	1.61	1.17	0.99	1.26	25.66	ppb
Cadmium	111-1	1.06	1.19	1.20	1.15	6.42	ppb
Calcium	43-1	457.84	490.11	485.53	477.83	3.65	ppb
Calcium	44-1	471.84	504.56	507.98	494.79	4.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.15	2.16	2.25	2.19	2.48	ppb
Cobalt	59-2	1.13	1.16	1.15	1.14	1.56	ppb
Copper	63-2	2.11	2.14	2.20	2.15	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	58.73	59.34	59.43	59.17	0.64	ppb
Iron	57-2	60.65	62.46	62.72	61.95	1.82	ppb
Iron	54-2	60.82	62.15	62.71	61.89	1.57	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:11:26	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.00	1.06	1.06	1.04	3.24	ppb
Lead	207-1	1.03	1.04	1.05	1.04	1.18	ppb
Lead	208-1	1.02	1.04	1.04	1.03	1.50	ppb
Lithium	6-1				105		%
Magnesium	24-2	572.82	584.91	579.03	578.92	1.04	ppb
Manganese	55-2	1.02	1.10	1.08	1.07	4.23	ppb
Molybdenum	94-1	5.62	6.00	6.16	5.93	4.70	ppb
Molybdenum	95-1	4.73	5.05	5.18	4.98	4.65	ppb
Molybdenum	96-1	4.84	5.13	5.19	5.05	3.71	ppb
Molybdenum	97-1	4.73	5.12	5.11	4.99	4.48	ppb
Molybdenum	98-1	4.81	5.15	5.22	5.06	4.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.15	1.13	1.13	1.94	ppb
Phosphorus	31-2	19.10	11.58	15.38	15.36	24.49	ppb
Potassium	39-2	549.19	555.21	556.69	553.70	0.72	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	5.08	5.50	5.80	5.46	6.62	ppb
Selenium	77-2	5.62	4.81	5.03	5.15	8.19	ppb
Selenium	78-2	5.16	5.17	6.15	5.50	10.37	ppb
Silicon	28-1	-2.40	-0.36	-0.41	-1.06		ppb
Silver	107-1	1.04	1.10	1.14	1.09	4.57	ppb
Silver	109-1	1.07	1.09	1.13	1.09	2.91	ppb
Sodium	23-2	523.37	529.50	529.01	527.29	0.65	ppb
Strontium	86-1	0.97	1.05	1.08	1.03	5.48	ppb
Strontium	88-1	0.99	1.06	1.07	1.04	3.90	ppb
Sulfur	34-1	-105.71	39.91	50.39	-5.14		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	1.02	1.02	1.05	1.03	2.08	ppb
Thallium	205-1	0.99	1.02	1.04	1.02	2.14	ppb
Tin	118-1	5.21	5.35	5.47	5.34	2.48	ppb
Titanium	47-1	4.84	5.14	5.12	5.03	3.35	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:11:26	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.99	1.00	0.98	2.41	ppb
Vanadium	51-2	5.32	5.45	5.31	5.36	1.44	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	5.72	5.55	5.44	5.57	2.49	ppb
Zirconium	90-1	0.97	1.03	1.03	1.01	3.50	ppb
Zirconium	91-1	0.97	1.05	1.04	1.02	3.97	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:14:40	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1063.86	1068.94	1065.91	1066.23	0.24	ppb
Antimony	121-1	50.33	50.69	52.26	51.09	2.00	ppb
Arsenic	75-2	51.25	51.43	51.49	51.39	0.24	ppb
Barium	135-1	252.21	251.23	259.46	254.30	1.77	ppb
Barium	137-1	253.34	248.44	253.87	251.88	1.19	ppb
Beryllium	9-1	49.16	49.03	48.40	48.86	0.84	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	53.33	52.17	54.10	53.20	1.83	ppb
Cadmium	106-1	52.82	51.43	54.65	52.97	3.04	ppb
Cadmium	111-1	53.49	53.60	55.07	54.05	1.63	ppb
Calcium	43-1	4767.88	4724.48	4780.85	4757.74	0.62	ppb
Calcium	44-1	5820.99	5818.95	5820.85	5820.26	0.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.83	52.50	52.15	52.49	0.65	ppb
Cobalt	59-2	53.54	53.55	53.11	53.40	0.48	ppb
Copper	63-2	543.15	536.69	533.29	537.71	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	2738.86	2702.92	2703.66	2715.14	0.76	ppb
Iron	57-2	2862.00	2875.88	2841.68	2859.86	0.60	ppb
Iron	54-2	2786.91	2782.92	2793.87	2787.90	0.20	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:14:40	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	247.18	248.61	244.93	246.91	0.75	ppb
Lead	207-1	248.71	248.19	249.45	248.79	0.25	ppb
Lead	208-1	247.11	250.19	247.78	248.36	0.65	ppb
Lithium	6-1				106		%
Magnesium	24-2	5708.03	5728.23	5646.17	5694.14	0.75	ppb
Manganese	55-2	518.49	518.47	512.61	516.52	0.66	ppb
Molybdenum	94-1	503.63	498.45	499.94	500.67	0.53	ppb
Molybdenum	95-1	498.83	493.23	505.81	499.29	1.26	ppb
Molybdenum	96-1	499.81	493.88	503.77	499.16	1.00	ppb
Molybdenum	97-1	500.25	489.28	494.41	494.65	1.11	ppb
Molybdenum	98-1	499.97	493.06	504.90	499.31	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.16	54.27	53.23	53.89	1.06	ppb
Phosphorus	31-2	1045.97	1034.36	1044.37	1041.57	0.60	ppb
Potassium	39-2	2593.88	2608.16	2562.26	2588.10	0.91	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	52.20	51.96	52.82	52.32	0.84	ppb
Selenium	77-2	50.59	51.67	52.28	51.51	1.66	ppb
Selenium	78-2	53.10	51.85	51.98	52.31	1.31	ppb
Silicon	28-1	48.98	49.01	48.99	48.99	0.03	ppb
Silver	107-1	52.82	52.65	53.84	53.10	1.22	ppb
Silver	109-1	52.98	53.26	54.24	53.49	1.23	ppb
Sodium	23-2	5398.65	5327.97	5272.38	5333.00	1.19	ppb
Strontium	86-1	50.18	50.09	50.42	50.23	0.34	ppb
Strontium	88-1	50.84	49.41	50.76	50.34	1.59	ppb
Sulfur	34-1	941.46	931.69	946.32	939.82	0.79	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	50.78	50.82	51.12	50.91	0.36	ppb
Thallium	205-1	49.51	48.74	48.23	48.83	1.33	ppb
Tin	118-1	51.84	51.73	53.29	52.29	1.66	ppb
Titanium	47-1	505.07	500.73	501.24	502.35	0.47	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:14:40	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	47.92	47.07	47.72	47.57	0.93	ppb
Vanadium	51-2	51.49	51.62	51.71	51.61	0.21	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	542.65	544.80	541.52	542.99	0.31	ppb
Zirconium	90-1	49.59	50.23	49.76	49.86	0.67	ppb
Zirconium	91-1	49.87	50.28	50.73	50.29	0.85	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:17:33	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2519.22	2696.92	2626.84	2614.33	3.42	ppb
Antimony	121-1	125.93	126.40	124.49	125.61	0.79	ppb
Arsenic	75-2	126.18	128.90	125.29	126.79	1.48	ppb
Barium	135-1	625.25	632.34	629.23	628.94	0.57	ppb
Barium	137-1	620.70	633.10	627.65	627.15	0.99	ppb
Beryllium	9-1	119.26	121.78	122.11	121.05	1.29	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	131.72	133.16	132.71	132.53	0.56	ppb
Cadmium	106-1	131.67	133.44	130.76	131.96	1.03	ppb
Cadmium	111-1	132.32	134.83	133.55	133.57	0.94	ppb
Calcium	43-1	11652.44	11832.35	11674.94	11719.91	0.84	ppb
Calcium	44-1	14429.03	14496.01	14485.52	14470.19	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.87	129.79	128.75	127.14	2.94	ppb
Cobalt	59-2	128.24	128.34	132.45	129.67	1.85	ppb
Copper	63-2	1271.45	1291.98	1315.36	1292.93	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	6400.98	6743.30	6685.94	6610.08	2.77	ppb
Iron	57-2	6613.10	6790.15	6750.25	6717.83	1.38	ppb
Iron	54-2	6575.23	7051.33	6885.74	6837.43	3.53	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:17:33	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	609.33	602.46	608.39	606.73	0.61	ppb
Lead	207-1	604.92	594.49	611.45	603.62	1.42	ppb
Lead	208-1	607.31	602.69	612.94	607.65	0.85	ppb
Lithium	6-1				108		%
Magnesium	24-2	13713.47	14244.06	13944.20	13967.25	1.90	ppb
Manganese	55-2	1221.02	1299.91	1267.73	1262.89	3.14	ppb
Molybdenum	94-1	1242.61	1228.83	1246.04	1239.16	0.73	ppb
Molybdenum	95-1	1243.09	1213.97	1231.79	1229.62	1.19	ppb
Molybdenum	96-1	1231.80	1221.62	1236.06	1229.82	0.60	ppb
Molybdenum	97-1	1216.64	1236.18	1235.65	1229.49	0.91	ppb
Molybdenum	98-1	1218.46	1233.57	1245.21	1232.41	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.52	131.40	135.84	132.92	1.90	ppb
Phosphorus	31-2	2544.30	2574.37	2610.86	2576.51	1.29	ppb
Potassium	39-2	6372.27	6359.99	6505.96	6412.74	1.26	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	129.84	128.80	129.84	129.49	0.46	ppb
Selenium	77-2	133.88	136.28	123.68	131.28	5.10	ppb
Selenium	78-2	127.21	129.17	131.15	129.17	1.53	ppb
Silicon	28-1	122.03	126.24	124.07	124.11	1.70	ppb
Silver	107-1	131.42	131.92	131.98	131.78	0.24	ppb
Silver	109-1	131.84	131.72	131.24	131.60	0.24	ppb
Sodium	23-2	12652.48	13228.75	12982.27	12954.50	2.23	ppb
Strontium	86-1	123.31	123.74	123.57	123.54	0.17	ppb
Strontium	88-1	124.06	124.13	123.47	123.88	0.29	ppb
Sulfur	34-1	2272.91	2364.10	2345.18	2327.40	2.07	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	122.59	121.12	120.66	121.46	0.83	ppb
Thallium	205-1	121.49	120.79	122.47	121.58	0.70	ppb
Tin	118-1	128.63	129.60	126.79	128.34	1.11	ppb
Titanium	47-1	1218.54	1237.02	1238.52	1231.36	0.90	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:17:33	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	117.51	118.71	119.82	118.68	0.98	ppb
Vanadium	51-2	123.81	127.11	127.36	126.10	1.57	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	1286.11	1307.48	1306.74	1300.11	0.93	ppb
Zirconium	90-1	122.20	122.64	123.79	122.88	0.66	ppb
Zirconium	91-1	123.32	122.53	124.39	123.41	0.76	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:20:17	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5159.50	5244.35	5223.48	5209.11	0.85	ppb
Antimony	121-1	257.03	258.19	255.31	256.85	0.56	ppb
Arsenic	75-2	252.02	250.91	253.55	252.16	0.53	ppb
Barium	135-1	1272.45	1292.60	1256.22	1273.75	1.43	ppb
Barium	137-1	1264.94	1298.04	1269.61	1277.53	1.40	ppb
Beryllium	9-1	245.59	248.14	248.45	247.39	0.63	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	261.40	268.29	262.81	264.17	1.38	ppb
Cadmium	106-1	263.51	266.86	261.99	264.12	0.94	ppb
Cadmium	111-1	262.50	265.14	264.94	264.19	0.56	ppb
Calcium	43-1	23220.51	23083.17	23082.13	23128.60	0.34	ppb
Calcium	44-1	30060.89	29793.66	29462.09	29772.21	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	262.45	261.62	262.09	262.05	0.16	ppb
Cobalt	59-2	260.08	263.16	263.23	262.16	0.68	ppb
Copper	63-2	2681.01	2658.66	2660.41	2666.70	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	13466.57	13590.22	13548.26	13535.02	0.46	ppb
Iron	57-2	13534.98	13791.25	13721.72	13682.65	0.97	ppb
Iron	54-2	13660.87	13944.86	13826.46	13810.73	1.03	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:20:17	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1243.96	1246.14	1239.76	1243.28	0.26	ppb
Lead	207-1	1238.16	1252.25	1242.68	1244.36	0.58	ppb
Lead	208-1	1252.57	1252.18	1244.12	1249.62	0.38	ppb
Lithium	6-1				104		%
Magnesium	24-2	28137.30	28053.67	28308.87	28166.62	0.46	ppb
Manganese	55-2	2566.92	2591.83	2589.15	2582.64	0.53	ppb
Molybdenum	94-1	2564.51	2522.55	2500.10	2529.06	1.29	ppb
Molybdenum	95-1	2563.06	2527.52	2505.36	2531.98	1.15	ppb
Molybdenum	96-1	2534.16	2514.63	2498.51	2515.77	0.71	ppb
Molybdenum	97-1	2536.52	2504.61	2502.51	2514.55	0.76	ppb
Molybdenum	98-1	2563.73	2543.41	2492.78	2533.31	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.87	260.79	263.87	262.18	0.60	ppb
Phosphorus	31-2	5179.39	5228.72	5225.77	5211.29	0.53	ppb
Potassium	39-2	12782.82	12538.44	12806.06	12709.11	1.17	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	264.88	262.57	261.08	262.85	0.73	ppb
Selenium	77-2	248.40	255.52	255.30	253.07	1.60	ppb
Selenium	78-2	257.31	260.56	258.38	258.75	0.64	ppb
Silicon	28-1	257.75	257.18	256.31	257.08	0.28	ppb
Silver	107-1	265.20	267.26	259.29	263.92	1.57	ppb
Silver	109-1	263.19	268.28	264.44	265.30	1.00	ppb
Sodium	23-2	26281.83	26238.08	26485.45	26335.12	0.50	ppb
Strontium	86-1	253.36	255.29	255.68	254.78	0.49	ppb
Strontium	88-1	254.61	254.02	251.20	253.28	0.72	ppb
Sulfur	34-1	4929.53	4854.85	4783.77	4856.05	1.50	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	248.01	247.15	247.04	247.40	0.21	ppb
Thallium	205-1	249.05	250.03	247.48	248.85	0.52	ppb
Tin	118-1	258.79	262.33	256.25	259.12	1.18	ppb
Titanium	47-1	2534.33	2535.21	2499.62	2523.05	0.80	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:20:17	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	243.77	246.80	243.99	244.85	0.69	ppb
Vanadium	51-2	255.47	251.01	254.58	253.69	0.93	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2659.78	2669.85	2638.57	2656.07	0.60	ppb
Zirconium	90-1	256.78	251.94	249.47	252.73	1.47	ppb
Zirconium	91-1	256.41	251.89	251.37	253.22	1.09	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:23:03	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10295.65	9951.84	10201.24	10149.57	1.75	ppb
Antimony	121-1	481.58	496.82	498.41	492.27	1.89	ppb
Arsenic	75-2	502.09	495.27	505.69	501.02	1.06	ppb
Barium	135-1	2418.27	2480.75	2473.74	2457.59	1.39	ppb
Barium	137-1	2407.31	2478.21	2455.71	2447.08	1.48	ppb
Beryllium	9-1	488.21	498.61	502.08	496.30	1.45	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	486.36	503.07	502.70	497.38	1.92	ppb
Cadmium	106-1	488.02	501.75	503.50	497.76	1.70	ppb
Cadmium	111-1	484.11	510.54	504.92	499.86	2.79	ppb
Calcium	43-1	43077.12	44228.86	45531.95	44279.31	2.77	ppb
Calcium	44-1	56445.12	58684.90	58890.21	58006.74	2.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.32	499.85	510.54	507.24	1.26	ppb
Cobalt	59-2	513.91	506.32	512.18	510.80	0.78	ppb
Copper	63-2	5188.65	5031.78	5183.40	5134.61	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	26811.25	25894.59	26728.87	26478.24	1.92	ppb
Iron	57-2	26830.34	26425.69	26626.24	26627.43	0.76	ppb
Iron	54-2	26882.57	26452.93	26745.83	26693.78	0.82	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:23:03	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2383.86	2471.61	2467.79	2441.09	2.03	ppb
Lead	207-1	2382.48	2484.64	2474.53	2447.22	2.30	ppb
Lead	208-1	2387.08	2480.23	2470.35	2445.89	2.09	ppb
Lithium	6-1				105		%
Magnesium	24-2	55745.52	53921.90	55169.93	54945.78	1.70	ppb
Manganese	55-2	5102.39	4989.65	5070.78	5054.27	1.15	ppb
Molybdenum	94-1	4820.19	5001.97	4978.57	4933.58	2.00	ppb
Molybdenum	95-1	4755.36	4957.19	4932.68	4881.74	2.26	ppb
Molybdenum	96-1	4768.02	4955.29	5009.77	4911.03	2.58	ppb
Molybdenum	97-1	4741.90	4942.63	4945.46	4876.66	2.39	ppb
Molybdenum	98-1	4750.29	5001.37	4986.01	4912.56	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.81	513.72	510.81	513.45	0.49	ppb
Phosphorus	31-2	10340.70	9965.67	10183.98	10163.45	1.85	ppb
Potassium	39-2	25258.85	24954.65	24922.04	25045.18	0.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	484.90	505.08	507.21	499.07	2.47	ppb
Selenium	77-2	515.64	502.15	508.13	508.64	1.33	ppb
Selenium	78-2	503.07	499.58	507.70	503.45	0.81	ppb
Silicon	28-1	478.73	489.32	497.09	488.38	1.89	ppb
Silver	107-1	491.96	503.87	506.08	500.64	1.52	ppb
Silver	109-1	488.05	506.13	504.00	499.39	1.98	ppb
Sodium	23-2	52225.21	51003.37	51827.91	51685.50	1.21	ppb
Strontium	86-1	475.69	499.23	494.79	489.90	2.55	ppb
Strontium	88-1	481.38	498.48	497.80	492.55	1.97	ppb
Sulfur	34-1	9809.83	10232.74	10456.71	10166.43	3.23	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	480.71	496.31	497.32	491.45	1.89	ppb
Thallium	205-1	482.03	490.14	495.60	489.26	1.40	ppb
Tin	118-1	480.55	498.75	502.12	493.80	2.35	ppb
Titanium	47-1	4784.75	4934.50	4983.26	4900.84	2.11	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:23:03	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	476.79	493.23	484.19	484.74	1.70	ppb
Vanadium	51-2	510.25	494.85	506.38	503.83	1.59	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	5195.00	5032.59	5187.73	5138.44	1.79	ppb
Zirconium	90-1	473.59	498.17	495.94	489.23	2.78	ppb
Zirconium	91-1	470.94	497.33	501.25	489.84	3.37	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:25:48	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19621.92	19945.07	20136.45	19901.15	1.31	ppb
Antimony	121-1	996.36	1012.25	997.46	1002.02	0.89	ppb
Arsenic	75-2	998.09	991.55	1006.34	998.66	0.74	ppb
Barium	135-1	4958.61	5076.90	5008.17	5014.56	1.18	ppb
Barium	137-1	4963.09	5053.08	5041.48	5019.22	0.98	ppb
Beryllium	9-1	1005.47	1004.92	998.76	1003.05	0.37	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	979.69	1014.57	995.75	996.67	1.75	ppb
Cadmium	106-1	987.17	1009.01	993.54	996.57	1.13	ppb
Cadmium	111-1	975.08	1012.68	997.98	995.25	1.90	ppb
Calcium	43-1	91877.60	91548.43	90422.00	91282.68	0.84	ppb
Calcium	44-1	118944.44	118602.61	118464.17	118670.41	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	986.32	991.59	1001.01	992.98	0.75	ppb
Cobalt	59-2	973.40	1005.49	993.53	990.80	1.64	ppb
Copper	63-2	9827.96	9930.73	9892.62	9883.77	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	50953.60	52241.23	51699.96	51631.60	1.25	ppb
Iron	57-2	51326.25	53047.20	52009.02	52127.49	1.66	ppb
Iron	54-2	52122.37	52631.21	52961.33	52571.63	0.80	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:25:48	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5039.33	5146.60	4914.79	5033.57	2.30	ppb
Lead	207-1	4995.51	5157.96	4938.14	5030.53	2.27	ppb
Lead	208-1	5007.28	5131.29	4949.64	5029.40	1.85	ppb
Lithium	6-1				98		%
Magnesium	24-2	107787.24	108687.06	107179.69	107884.66	0.70	ppb
Manganese	55-2	9773.06	10015.98	10060.26	9949.77	1.55	ppb
Molybdenum	94-1	10037.49	10053.37	9990.95	10027.27	0.32	ppb
Molybdenum	95-1	10055.03	10090.41	10015.71	10053.72	0.37	ppb
Molybdenum	96-1	10020.52	10089.61	10019.19	10043.11	0.40	ppb
Molybdenum	97-1	10068.85	10036.00	10077.75	10060.86	0.22	ppb
Molybdenum	98-1	10021.18	10032.83	10058.88	10037.63	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	974.03	1000.91	992.20	989.05	1.39	ppb
Phosphorus	31-2	19673.76	19804.55	20083.12	19853.81	1.05	ppb
Potassium	39-2	49186.81	49717.59	49787.71	49564.04	0.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	1000.81	992.83	996.09	996.58	0.40	ppb
Selenium	77-2	994.55	990.59	997.01	994.05	0.33	ppb
Selenium	78-2	991.46	999.03	995.85	995.45	0.38	ppb
Silicon	28-1	1010.19	1013.24	989.51	1004.31	1.29	ppb
Silver	107-1	982.50	1009.62	993.48	995.20	1.37	ppb
Silver	109-1	981.74	1009.25	995.45	995.48	1.38	ppb
Sodium	23-2	99011.79	100516.03	101552.47	100360.10	1.27	ppb
Strontium	86-1	1002.58	997.32	1012.18	1004.03	0.75	ppb
Strontium	88-1	1002.38	1003.94	1002.77	1003.03	0.08	ppb
Sulfur	34-1	20129.62	20127.90	19674.55	19977.36	1.31	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	1011.85	1014.94	989.17	1005.32	1.40	ppb
Thallium	205-1	1010.50	1025.25	982.69	1006.14	2.15	ppb
Tin	118-1	984.51	1021.12	995.23	1000.28	1.88	ppb
Titanium	47-1	10060.27	10070.72	10007.11	10046.03	0.34	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:25:48	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1005.91	1030.62	992.96	1009.83	1.90	ppb
Vanadium	51-2	983.59	997.85	1009.39	996.95	1.30	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	9822.11	9919.71	9908.22	9883.35	0.54	ppb
Zirconium	90-1	1005.25	1005.58	1004.09	1004.97	0.08	ppb
Zirconium	91-1	1003.09	1001.55	1008.74	1004.46	0.38	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:28:34	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102227.99	98705.29	99039.23	99990.84	1.94	ppb
Antimony	121-1	0.88	0.63	0.79	0.77	16.91	ppb
Arsenic	75-2	0.50	0.51	0.46	0.49	5.32	ppb
Barium	135-1	3.19	2.03	2.01	2.41	28.09	ppb
Barium	137-1	3.27	1.96	2.00	2.41	30.92	ppb
Beryllium	9-1	0.21	0.09	0.07	0.13	60.96	ppb
Bismuth	209-1				76		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.63	0.44	0.36	0.48	28.57	ppb
Cadmium	106-1	0.66	0.57	0.77	0.67	15.07	ppb
Cadmium	111-1	0.28	0.13	0.15	0.19	43.37	ppb
Calcium	43-1	628623.65	436318.30	442351.20	502431.05	21.76	ppb
Calcium	44-1	621116.68	429808.86	434582.00	495169.18	22.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.99	2.97	2.83	2.93	2.91	ppb
Cobalt	59-2	2.71	2.69	2.61	2.67	1.89	ppb
Copper	63-2	2.15	2.10	2.01	2.09	3.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				97		%
Indium	115-1				82		%
Indium	115-2				95		%
Iron	56-2	256873.49	250641.75	240873.61	249462.95	3.23	ppb
Iron	57-2	251963.25	253746.83	242301.91	249337.33	2.47	ppb
Iron	54-2	251145.60	254500.40	242053.58	249233.19	2.58	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:28:34	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.57	0.87	0.87	1.10	36.77	ppb
Lead	207-1	1.61	0.89	0.82	1.11	39.69	ppb
Lead	208-1	1.58	0.88	0.85	1.10	37.53	ppb
Lithium	6-1				78		%
Magnesium	24-2	503075.07	504390.90	485713.40	497726.46	2.09	ppb
Manganese	55-2	4.75	4.72	4.65	4.70	1.12	ppb
Molybdenum	94-1	4.40	2.45	2.64	3.16	34.02	ppb
Molybdenum	95-1	2.40	1.20	1.24	1.62	42.18	ppb
Molybdenum	96-1	4.65	2.78	2.83	3.42	31.17	ppb
Molybdenum	97-1	2.47	1.21	1.20	1.63	44.82	ppb
Molybdenum	98-1	2.34	1.16	1.15	1.55	44.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.81	3.83	3.64	3.76	2.76	ppb
Phosphorus	31-2	-6.13	-7.39	-7.03	-6.85		ppb
Potassium	39-2	252276.20	252501.19	245424.10	250067.16	1.61	ppb
Rhodium	103-1				77		%
Rhodium	103-2				87		%
Scandium	45-1				86		%
Scandium	45-2				100		%
Selenium	82-1	1.31	0.75	0.43	0.83	54.05	ppb
Selenium	77-2	0.11	0.11	0.51	0.24	93.96	ppb
Selenium	78-2	0.86	0.05	0.27	0.39	105.99	ppb
Silicon	28-1	29.70	5.92	5.94	13.85	99.09	ppb
Silver	107-1	0.19	0.09	0.09	0.12	45.57	ppb
Silver	109-1	0.18	0.10	0.09	0.12	40.17	ppb
Sodium	23-2	516931.50	501314.65	480787.71	499677.96	3.63	ppb
Strontium	86-1	4.35	2.95	3.00	3.43	23.20	ppb
Strontium	88-1	4.31	2.96	2.99	3.42	22.46	ppb
Sulfur	34-1	849.79	-498.80	-532.09	-60.37		ppb
Terbium	159-1				87		%
Terbium	159-2				98		%
Thallium	203-1	0.16	0.07	0.06	0.10	57.35	ppb
Thallium	205-1	0.16	0.08	0.06	0.10	54.24	ppb
Tin	118-1	1.31	0.80	0.87	1.00	27.57	ppb
Titanium	47-1	2.10	0.98	0.98	1.35	47.44	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:28:34	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.04	0.03	0.07	84.10	ppb
Vanadium	51-2	0.17	0.18	0.16	0.17	7.41	ppb
Yttrium	89-1				86		%
Yttrium	89-2				99		%
Zinc	66-2	26.86	26.38	25.26	26.16	3.14	ppb
Zirconium	90-1	1.24	0.80	0.85	0.97	24.92	ppb
Zirconium	91-1	1.28	0.80	0.85	0.97	27.04	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:40:59	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	479.67	481.96	492.01	484.55	1.35	ppb
Antimony	121-1	207.18	210.92	208.79	208.97	0.90	ppb
Arsenic	75-2	207.73	208.64	201.28	205.88	1.95	ppb
Barium	135-1	103.59	104.91	104.72	104.41	0.69	ppb
Barium	137-1	103.50	105.63	105.06	104.73	1.05	ppb
Beryllium	9-1	102.82	100.65	100.93	101.47	1.16	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	97.28	98.68	98.19	98.05	0.73	ppb
Cadmium	106-1	93.55	96.50	97.60	95.88	2.18	ppb
Cadmium	111-1	107.73	109.72	110.02	109.16	1.14	ppb
Calcium	43-1	1798.49	1789.19	1813.90	1800.53	0.69	ppb
Calcium	44-1	2192.22	2195.96	2175.63	2187.94	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.37	101.43	106.08	102.96	2.62	ppb
Cobalt	59-2	104.87	104.95	106.71	105.51	0.98	ppb
Copper	63-2	98.17	98.27	101.20	99.21	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				113		%
Iron	56-2	2037.58	2024.24	2090.81	2050.88	1.72	ppb
Iron	57-2	2132.18	2111.12	2249.57	2164.29	3.45	ppb
Iron	54-2	2244.62	2259.62	2283.36	2262.53	0.86	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:40:59	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	200.81	201.21	202.24	201.42	0.37	ppb
Lead	207-1	193.36	191.87	191.35	192.19	0.54	ppb
Lead	208-1	196.02	195.82	196.29	196.04	0.12	ppb
Lithium	6-1				106		%
Magnesium	24-2	1180.12	1224.54	1212.90	1205.85	1.91	ppb
Manganese	55-2	99.68	99.65	102.74	100.69	1.76	ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	2.18	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	8.43	ppb
Molybdenum	96-1	0.05	0.06	0.05	0.06	6.62	ppb
Molybdenum	97-1	0.05	0.03	0.04	0.04	19.40	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	8.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.18	105.24	106.98	105.80	0.96	ppb
Phosphorus	31-2	-14.75	-17.67	-18.43	-16.95		ppb
Potassium	39-2	1965.37	1995.88	2004.97	1988.74	1.04	ppb
Rhodium	103-1				115		%
Rhodium	103-2				112		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	82-1	214.41	218.75	219.50	217.55	1.27	ppb
Selenium	77-2	216.22	218.17	210.60	215.00	1.83	ppb
Selenium	78-2	224.46	220.42	219.76	221.55	1.15	ppb
Silicon	28-1	-5.53	-5.16	-4.61	-5.10		ppb
Silver	107-1	52.79	54.98	54.23	54.00	2.06	ppb
Silver	109-1	53.26	53.97	54.07	53.77	0.82	ppb
Sodium	23-2	1949.45	1950.43	1971.95	1957.27	0.65	ppb
Strontium	86-1	0.26	0.22	0.24	0.24	7.52	ppb
Strontium	88-1	0.25	0.25	0.25	0.25	0.42	ppb
Sulfur	34-1	-496.08	-469.03	-452.56	-472.56		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	194.65	194.49	196.48	195.21	0.57	ppb
Thallium	205-1	196.19	193.73	194.67	194.86	0.64	ppb
Tin	118-1	0.02	0.01	0.02	0.02	26.70	ppb
Titanium	47-1	0.02	0.01	0.01	0.01	18.11	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:40:59	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	6.56	ppb
Vanadium	51-2	98.00	98.11	101.12	99.08	1.79	ppb
Yttrium	89-1				116		%
Yttrium	89-2				115		%
Zinc	66-2	207.39	207.46	213.43	209.43	1.65	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.05	0.05	0.05	0.05	3.89	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:44:35	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.48	2.14	0.61	1.07	86.04	ppb
Antimony	121-1	0.04	0.04	0.06	0.04	24.78	ppb
Arsenic	75-2	0.01	0.08	0.00	0.03	156.39	ppb
Barium	135-1	0.01	0.00	0.00	0.00	208.05	ppb
Barium	137-1	0.01	0.00	0.00	0.00	692.75	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	54.65	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	0.01	0.00	192.26	ppb
Cadmium	106-1	0.14	0.04	-0.05	0.04	219.23	ppb
Cadmium	111-1	0.01	0.01	0.00	0.01	40.96	ppb
Calcium	43-1	-0.52	-3.15	-2.63	-2.10		ppb
Calcium	44-1	7.43	4.57	5.36	5.79	25.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.03	-0.04	-0.04		ppb
Cobalt	59-2	0.00	0.10	0.00	0.03	176.69	ppb
Copper	63-2	-0.01	0.65	0.00	0.21	176.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				110		%
Iron	56-2	0.46	20.44	0.27	7.06	164.22	ppb
Iron	57-2	-0.54	26.41	0.01	8.63	178.54	ppb
Iron	54-2	-0.10	2.55	0.04	0.83	179.58	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:44:35	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.04	0.03	0.03	8.51	ppb
Lead	207-1	0.04	0.03	0.03	0.03	25.67	ppb
Lead	208-1	0.04	0.03	0.03	0.03	10.70	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.24	5.57	2.44	3.42	54.60	ppb
Manganese	55-2	-0.14	0.26	-0.14	0.00		ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	1.45	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	45.74	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	19.01	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	23.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.09	-0.02	0.02	262.18	ppb
Phosphorus	31-2	-13.99	-17.72	-18.85	-16.86		ppb
Potassium	39-2	4.58	5.60	4.59	4.92	11.90	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	0.00	0.08	0.02	0.03	128.62	ppb
Selenium	77-2	0.02	0.24	0.02	0.09	138.43	ppb
Selenium	78-2	0.23	0.27	-0.20	0.10	259.90	ppb
Silicon	28-1	-4.17	-5.33	-4.61	-4.70		ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.82	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.48	ppb
Sodium	23-2	18.21	23.59	18.42	20.07	15.19	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-347.33	-465.53	-382.64	-398.50		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.01	0.02	0.02	26.99	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	10.77	ppb
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.00	-0.01	-0.02	-0.01		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:44:35	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	31.96	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	163.50	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	0.06	0.70	0.04	0.26	142.20	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:47:51	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96836.66	93193.43	94559.57	94863.22	1.94	ppb
Antimony	121-1	1.16	1.19	1.19	1.18	1.27	ppb
Arsenic	75-2	0.33	0.33	0.38	0.35	7.93	ppb
Barium	135-1	1.44	1.44	1.51	1.46	2.69	ppb
Barium	137-1	1.45	1.47	1.52	1.48	2.35	ppb
Beryllium	9-1	0.29	0.28	0.26	0.27	5.53	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.57	9.09	8.86	9.17	3.94	ppb
Cadmium	106-1	0.72	-0.19	0.19	0.24	191.55	ppb
Cadmium	111-1	0.40	0.40	0.43	0.41	4.37	ppb
Calcium	43-1	89694.06	89577.81	89281.83	89517.90	0.24	ppb
Calcium	44-1	88033.63	88376.34	87338.95	87916.31	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.93	20.41	20.11	20.49	2.02	ppb
Cobalt	59-2	1.76	1.74	1.73	1.74	0.98	ppb
Copper	63-2	7.55	7.64	7.46	7.55	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	106245.75	103083.00	102816.80	104048.52	1.83	ppb
Iron	57-2	107203.72	104304.65	104924.98	105477.78	1.45	ppb
Iron	54-2	107294.65	104343.34	104733.82	105457.27	1.52	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:47:51	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.32	5.03	5.06	5.14	3.07	ppb
Lead	207-1	4.81	4.52	4.57	4.63	3.26	ppb
Lead	208-1	4.95	4.69	4.74	4.79	2.90	ppb
Lithium	6-1				94		%
Magnesium	24-2	104765.86	101896.72	103409.57	103357.38	1.39	ppb
Manganese	55-2	8.12	7.95	7.83	7.97	1.81	ppb
Molybdenum	94-1	1588.55	1576.22	1588.77	1584.51	0.45	ppb
Molybdenum	95-1	1929.35	1916.76	1949.18	1931.76	0.85	ppb
Molybdenum	96-1	1888.53	1876.69	1887.79	1884.34	0.35	ppb
Molybdenum	97-1	1914.06	1913.63	1911.46	1913.05	0.07	ppb
Molybdenum	98-1	1922.25	1922.13	1943.15	1929.18	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.57	5.44	5.40	5.47	1.60	ppb
Phosphorus	31-2	103225.02	100791.52	100457.03	101491.19	1.49	ppb
Potassium	39-2	102493.28	100593.70	100255.69	101114.22	1.19	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				116		%
Selenium	82-1	0.19	-0.08	-0.30	-0.06		ppb
Selenium	77-2	0.23	0.45	0.23	0.30	41.63	ppb
Selenium	78-2	0.11	-0.22	0.82	0.23	227.29	ppb
Silicon	28-1	-2.40	-1.08	-1.90	-1.79		ppb
Silver	107-1	0.02	0.02	0.02	0.02	2.76	ppb
Silver	109-1	0.03	0.03	0.03	0.03	4.01	ppb
Sodium	23-2	103754.13	102084.85	100847.61	102228.86	1.43	ppb
Strontium	86-1	34.34	34.33	34.66	34.44	0.55	ppb
Strontium	88-1	34.32	34.78	34.91	34.67	0.89	ppb
Sulfur	34-1	95320.42	95010.43	94360.34	94897.06	0.52	ppb
Terbium	159-1				116		%
Terbium	159-2				110		%
Thallium	203-1	0.14	0.16	0.17	0.16	8.25	ppb
Thallium	205-1	0.14	0.15	0.16	0.15	7.56	ppb
Tin	118-1	2.41	1.98	1.62	2.00	19.80	ppb
Titanium	47-1	2018.25	2007.08	1999.42	2008.25	0.47	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:47:51	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	9.06	ppb
Vanadium	51-2	0.20	0.20	0.18	0.19	6.60	ppb
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	11.45	11.35	11.26	11.35	0.84	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.01	0.01	92.32	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:50:54	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94969.38	95150.75	93851.28	94657.14	0.74	ppb
Antimony	121-1	20.22	19.96	20.68	20.29	1.79	ppb
Arsenic	75-2	19.52	19.19	19.74	19.49	1.42	ppb
Barium	135-1	20.63	20.28	20.68	20.53	1.07	ppb
Barium	137-1	20.52	20.39	20.65	20.52	0.64	ppb
Beryllium	9-1	19.55	19.64	19.29	19.49	0.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.90	24.47	25.16	25.18	2.84	ppb
Cadmium	106-1	16.25	15.46	16.58	16.10	3.57	ppb
Cadmium	111-1	18.87	18.77	19.07	18.90	0.80	ppb
Calcium	43-1	89227.52	90094.51	88775.27	89365.77	0.75	ppb
Calcium	44-1	88499.08	87950.05	87735.42	88061.52	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.88	39.04	38.76	38.89	0.37	ppb
Cobalt	59-2	20.21	20.31	20.00	20.17	0.79	ppb
Copper	63-2	24.62	24.56	24.59	24.59	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				109		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	56-2	105024.17	104769.13	103650.15	104481.15	0.70	ppb
Iron	57-2	105316.36	105857.68	104527.56	105233.87	0.64	ppb
Iron	54-2	104510.69	105636.42	104579.53	104908.88	0.60	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:50:54	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.07	24.31	24.24	24.21	0.52	ppb
Lead	207-1	23.15	23.10	23.21	23.15	0.24	ppb
Lead	208-1	23.24	23.36	23.48	23.36	0.50	ppb
Lithium	6-1				85		%
Magnesium	24-2	104150.46	104116.16	103922.54	104063.05	0.12	ppb
Manganese	55-2	26.14	26.07	26.02	26.08	0.23	ppb
Molybdenum	94-1	1570.33	1569.05	1574.01	1571.13	0.16	ppb
Molybdenum	95-1	1887.93	1901.48	1922.77	1904.06	0.92	ppb
Molybdenum	96-1	1862.41	1866.72	1898.75	1875.96	1.06	ppb
Molybdenum	97-1	1912.47	1908.82	1927.22	1916.17	0.51	ppb
Molybdenum	98-1	1905.69	1910.75	1939.07	1918.50	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.44	23.82	23.32	23.53	1.11	ppb
Phosphorus	31-2	102099.17	100910.22	101275.39	101428.26	0.60	ppb
Potassium	39-2	101932.69	102007.93	100513.52	101484.71	0.83	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				119		%
Selenium	82-1	17.76	17.98	18.91	18.22	3.34	ppb
Selenium	77-2	17.40	17.66	19.38	18.15	5.93	ppb
Selenium	78-2	18.74	18.62	20.11	19.16	4.31	ppb
Silicon	28-1	-2.24	-1.97	-1.60	-1.94		ppb
Silver	107-1	18.53	18.17	18.52	18.41	1.12	ppb
Silver	109-1	18.47	18.21	18.51	18.40	0.88	ppb
Sodium	23-2	101841.99	103250.82	101958.92	102350.58	0.76	ppb
Strontium	86-1	34.33	34.47	35.10	34.63	1.19	ppb
Strontium	88-1	34.36	34.55	35.45	34.79	1.67	ppb
Sulfur	34-1	92474.26	92830.48	93585.07	92963.27	0.61	ppb
Terbium	159-1				118		%
Terbium	159-2				109		%
Thallium	203-1	19.63	19.56	19.44	19.54	0.47	ppb
Thallium	205-1	19.21	19.24	19.40	19.28	0.54	ppb
Tin	118-1	0.72	0.62	0.62	0.66	9.11	ppb
Titanium	47-1	2022.19	2017.41	2000.68	2013.43	0.56	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:50:54	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	7.58	ppb
Vanadium	51-2	18.43	18.76	18.44	18.55	1.00	ppb
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	30.14	29.85	29.80	29.93	0.60	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	25.93	ppb

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:07:43	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51487.92	51738.67	52151.83	51792.81	0.65	ppb
Antimony	121-1	478.27	505.44	522.70	502.13	4.46	ppb
Arsenic	75-2	530.32	543.07	536.89	536.76	1.19	ppb
Barium	135-1	2340.15	2507.35	2541.86	2463.12	4.38	ppb
Barium	137-1	2310.17	2506.22	2529.72	2448.70	4.92	ppb
Beryllium	9-1	487.28	527.09	528.90	514.42	4.57	ppb
Bismuth	209-1				107		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	481.94	512.48	525.14	506.52	4.38	ppb
Cadmium	106-1	481.40	512.66	530.94	508.33	4.93	ppb
Cadmium	111-1	483.08	519.68	521.82	508.19	4.28	ppb
Calcium	43-1	206627.74	216974.42	222556.48	215386.21	3.75	ppb
Calcium	44-1	213899.53	226661.69	233703.95	224755.05	4.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.18	507.38	503.86	506.81	0.53	ppb
Cobalt	59-2	534.37	536.28	534.55	535.07	0.20	ppb
Copper	63-2	5097.46	5126.26	5086.60	5103.44	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	126938.75	128671.00	127983.91	127864.56	0.68	ppb
Iron	57-2	130679.35	130231.12	130640.76	130517.08	0.19	ppb
Iron	54-2	128012.67	129177.38	129577.52	128922.53	0.63	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:07:43	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2315.30	2481.10	2590.48	2462.30	5.63	ppb
Lead	207-1	2302.14	2467.04	2562.64	2443.94	5.39	ppb
Lead	208-1	2331.81	2481.16	2553.70	2455.56	4.61	ppb
Lithium	6-1				95		%
Magnesium	24-2	271997.22	276286.49	269783.80	272689.17	1.21	ppb
Manganese	55-2	5047.64	5069.68	5037.51	5051.61	0.33	ppb
Molybdenum	94-1	4595.62	4908.26	5029.66	4844.51	4.62	ppb
Molybdenum	95-1	4569.24	4940.36	4985.42	4831.67	4.73	ppb
Molybdenum	96-1	4611.50	4935.47	4970.11	4839.03	4.09	ppb
Molybdenum	97-1	4568.22	4925.33	5003.33	4832.29	4.80	ppb
Molybdenum	98-1	4583.44	4949.75	5048.51	4860.57	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.42	521.72	524.04	523.72	0.36	ppb
Phosphorus	31-2	10126.58	10205.18	10147.04	10159.60	0.40	ppb
Potassium	39-2	126413.12	128788.00	127555.94	127585.69	0.93	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				118		%
Scandium	45-2				115		%
Selenium	82-1	475.74	513.69	521.16	503.53	4.84	ppb
Selenium	77-2	526.37	536.79	530.13	531.09	0.99	ppb
Selenium	78-2	525.43	531.10	528.56	528.36	0.54	ppb
Silicon	28-1	146.42	160.31	165.91	157.55	6.37	ppb
Silver	107-1	484.63	507.60	519.30	503.84	3.50	ppb
Silver	109-1	484.34	510.59	516.25	503.73	3.38	ppb
Sodium	23-2	253682.05	253441.49	254331.94	253818.49	0.18	ppb
Strontium	86-1	493.15	533.67	538.31	521.71	4.76	ppb
Strontium	88-1	486.99	532.65	544.93	521.52	5.85	ppb
Sulfur	34-1	8841.61	9164.75	9737.81	9248.06	4.91	ppb
Terbium	159-1				119		%
Terbium	159-2				109		%
Thallium	203-1	465.86	504.07	510.46	493.46	4.89	ppb
Thallium	205-1	470.06	502.82	509.09	493.99	4.24	ppb
Tin	118-1	473.17	503.17	516.64	497.66	4.47	ppb
Titanium	47-1	4572.72	4889.57	5053.61	4838.63	5.05	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:07:43	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	466.98	501.75	520.04	496.25	5.43	ppb
Vanadium	51-2	515.09	514.17	511.05	513.44	0.41	ppb
Yttrium	89-1				120		%
Yttrium	89-2				114		%
Zinc	66-2	5089.02	5154.51	5141.65	5128.39	0.68	ppb
Zirconium	90-1	461.79	503.74	513.86	493.13	5.60	ppb
Zirconium	91-1	460.16	508.17	509.41	492.58	5.70	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:10:56	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.24	4.03	1.52	143.93	ppb
Antimony	121-1	0.12	0.16	0.23	0.17	33.44	ppb
Arsenic	75-2	0.01	0.01	0.03	0.02	78.24	ppb
Barium	135-1	0.03	0.02	0.01	0.02	54.17	ppb
Barium	137-1	0.03	0.01	0.01	0.02	78.24	ppb
Beryllium	9-1	0.03	0.05	0.03	0.04	24.37	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.03	0.06	0.05	41.50	ppb
Cadmium	106-1	0.65	0.11	-0.29	0.16	300.72	ppb
Cadmium	111-1	0.04	0.02	0.02	0.02	49.37	ppb
Calcium	43-1	0.12	-2.62	-2.74	-1.75		ppb
Calcium	44-1	10.96	10.20	9.16	10.11	8.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.05	-0.06	-0.06		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.02	0.08	0.04	89.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				111		%
Indium	115-1				118		%
Indium	115-2				115		%
Iron	56-2	0.56	0.52	2.51	1.19	95.53	ppb
Iron	57-2	-0.36	-0.92	2.43	0.38	466.24	ppb
Iron	54-2	-0.60	-0.61	8.37	2.39	217.29	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:10:56	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.07	0.06	0.08	17.21	ppb
Lead	207-1	0.09	0.07	0.07	0.07	16.29	ppb
Lead	208-1	0.09	0.07	0.06	0.07	15.63	ppb
Lithium	6-1				100		%
Magnesium	24-2	2.76	2.88	13.96	6.53	98.44	ppb
Manganese	55-2	-0.14	-0.14	0.02	-0.09		ppb
Molybdenum	94-1	0.11	0.12	0.12	0.12	3.91	ppb
Molybdenum	95-1	0.13	0.13	0.14	0.13	5.79	ppb
Molybdenum	96-1	0.14	0.13	0.12	0.13	5.55	ppb
Molybdenum	97-1	0.12	0.12	0.15	0.13	12.10	ppb
Molybdenum	98-1	0.14	0.12	0.14	0.13	7.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-19.25	-19.30	-16.58	-18.38		ppb
Potassium	39-2	26.20	25.21	29.77	27.06	8.86	ppb
Rhodium	103-1				117		%
Rhodium	103-2				115		%
Scandium	45-1				115		%
Scandium	45-2				118		%
Selenium	82-1	-0.35	-0.37	-0.11	-0.28		ppb
Selenium	77-2	0.08	0.01	0.16	0.08	82.77	ppb
Selenium	78-2	0.32	0.03	0.21	0.19	79.82	ppb
Silicon	28-1	-5.46	-5.38	-5.51	-5.45		ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.80	ppb
Silver	109-1	0.02	0.02	0.02	0.02	17.87	ppb
Sodium	23-2	26.33	25.78	44.04	32.05	32.41	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	889.54	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	125.18	ppb
Sulfur	34-1	-772.42	-706.06	-715.26	-731.25		ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	0.05	0.05	0.05	0.05	4.98	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	8.55	ppb
Tin	118-1	0.03	0.00	-0.01	0.01	257.98	ppb
Titanium	47-1	0.08	0.06	0.02	0.05	63.41	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:10:56	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.00	0.01	44.00	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	113.70	ppb
Yttrium	89-1				118		%
Yttrium	89-2				117		%
Zinc	66-2	-0.05	-0.06	0.01	-0.03		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	238.39	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	60.15	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BL	Instrumnet Name :	P7
Client Sample ID :	PBS599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:14:36	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.08	0.04	0.10	70.90	ppb
Antimony	121-1	0.03	0.05	0.07	0.05	40.39	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.01	0.00	0.00	0.00	163.31	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	54.69	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.01	0.02	0.03	59.73	ppb
Cadmium	106-1	0.20	0.16	0.27	0.21	26.64	ppb
Cadmium	111-1	0.01	0.01	0.01	0.01	3.02	ppb
Calcium	43-1	-3.22	-3.71	-3.51	-3.48		ppb
Calcium	44-1	7.05	5.66	6.50	6.40	10.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.05	-0.06	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	0.00	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				117		%
Indium	115-2				113		%
Iron	56-2	0.21	0.07	0.15	0.14	50.20	ppb
Iron	57-2	-0.65	-0.81	-1.30	-0.92		ppb
Iron	54-2	-0.62	-1.14	-1.03	-0.93		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BL	Instrumnet Name :	P7
Client Sample ID :	PBS599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:14:36	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.04	0.04	0.04	16.43	ppb
Lead	207-1	0.05	0.04	0.04	0.04	16.12	ppb
Lead	208-1	0.05	0.04	0.04	0.04	15.37	ppb
Lithium	6-1				98		%
Magnesium	24-2	2.50	2.52	1.85	2.29	16.82	ppb
Manganese	55-2	-0.15	-0.15	-0.15	-0.15		ppb
Molybdenum	94-1	0.00	0.02	0.02	0.01	63.81	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.04	12.59	ppb
Molybdenum	96-1	0.03	0.03	0.04	0.03	15.34	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.03	10.70	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	14.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00		ppb
Phosphorus	31-2	-16.47	-18.48	-19.16	-18.04		ppb
Potassium	39-2	17.10	17.06	15.13	16.43	6.83	ppb
Rhodium	103-1				117		%
Rhodium	103-2				115		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	82-1	-0.49	-0.29	-0.46	-0.42		ppb
Selenium	77-2	-0.05	0.02	0.02	-0.01		ppb
Selenium	78-2	0.02	0.89	0.05	0.32	154.75	ppb
Silicon	28-1	-6.15	-6.02	-6.06	-6.08		ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.98	ppb
Silver	109-1	0.01	0.01	0.01	0.01	5.59	ppb
Sodium	23-2	19.63	19.50	19.20	19.44	1.15	ppb
Strontium	86-1	0.00	0.00	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-643.46	-646.25	-577.71	-622.47		ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.04	0.03	0.03	7.71	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	9.17	ppb
Tin	118-1	-0.02	0.02	-0.02	-0.01		ppb
Titanium	47-1	0.00	-0.02	-0.01	-0.01		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BL	Instrumnet Name :	P7
Client Sample ID :	PBS599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:14:36	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	20.04	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				119		%
Yttrium	89-2				116		%
Zinc	66-2	-0.09	-0.10	-0.09	-0.09		ppb
Zirconium	90-1	-0.02	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BS	Instrumnet Name :	P7
Client Sample ID :	LCS599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:17:53	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.74	43.51	43.92	43.72	0.48	ppb
Antimony	121-1	4.40	4.63	4.70	4.57	3.47	ppb
Arsenic	75-2	2.38	2.38	2.29	2.35	2.33	ppb
Barium	135-1	21.12	22.30	22.48	21.97	3.36	ppb
Barium	137-1	21.37	22.50	22.40	22.09	2.84	ppb
Beryllium	9-1	2.16	2.30	2.06	2.17	5.63	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.28	2.34	2.18	2.27	3.58	ppb
Cadmium	106-1	2.85	2.59	2.75	2.73	4.89	ppb
Cadmium	111-1	2.33	2.44	2.49	2.42	3.34	ppb
Calcium	43-1	938.06	982.21	972.78	964.35	2.41	ppb
Calcium	44-1	948.38	1009.03	997.72	985.04	3.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.65	4.54	4.53	4.57	1.43	ppb
Cobalt	59-2	2.27	2.29	2.30	2.29	0.53	ppb
Copper	63-2	4.76	4.69	4.55	4.67	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				119		%
Indium	115-2				113		%
Iron	56-2	467.54	464.06	458.73	463.44	0.96	ppb
Iron	57-2	490.85	484.08	487.07	487.33	0.70	ppb
Iron	54-2	491.01	482.58	480.20	484.60	1.17	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BS	Instrumnet Name :	P7
Client Sample ID :	LCS599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:17:53	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.15	2.31	2.27	2.24	3.75	ppb
Lead	207-1	2.15	2.27	2.29	2.24	3.44	ppb
Lead	208-1	2.15	2.28	2.26	2.23	3.20	ppb
Lithium	6-1				98		%
Magnesium	24-2	1188.82	1208.84	1200.58	1199.42	0.84	ppb
Manganese	55-2	2.12	2.12	2.09	2.11	0.91	ppb
Molybdenum	94-1	11.85	12.98	12.80	12.54	4.85	ppb
Molybdenum	95-1	9.99	10.71	10.49	10.40	3.58	ppb
Molybdenum	96-1	10.13	10.92	10.80	10.62	3.98	ppb
Molybdenum	97-1	9.99	10.65	10.66	10.43	3.69	ppb
Molybdenum	98-1	10.01	10.77	10.65	10.48	3.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.30	2.35	2.25	2.30	1.98	ppb
Phosphorus	31-2	-17.33	-17.45	-18.09	-17.63		ppb
Potassium	39-2	1139.06	1142.53	1106.25	1129.28	1.77	ppb
Rhodium	103-1				117		%
Rhodium	103-2				114		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	82-1	10.54	11.49	11.18	11.07	4.40	ppb
Selenium	77-2	12.61	11.73	12.48	12.27	3.89	ppb
Selenium	78-2	13.14	11.42	11.99	12.19	7.22	ppb
Silicon	28-1	-1.30	-0.13	0.52	-0.30		ppb
Silver	107-1	2.24	2.41	2.42	2.35	4.12	ppb
Silver	109-1	2.21	2.37	2.38	2.32	4.28	ppb
Sodium	23-2	1116.24	1126.88	1089.22	1110.78	1.75	ppb
Strontium	86-1	2.04	2.17	2.18	2.13	3.64	ppb
Strontium	88-1	2.07	2.19	2.20	2.15	3.46	ppb
Sulfur	34-1	-667.38	-520.70	-522.01	-570.03		ppb
Terbium	159-1				117		%
Terbium	159-2				109		%
Thallium	203-1	2.13	2.25	2.20	2.19	2.58	ppb
Thallium	205-1	2.09	2.21	2.16	2.16	2.80	ppb
Tin	118-1	0.00	0.01	0.01	0.00	162.36	ppb
Titanium	47-1	10.30	10.90	10.98	10.72	3.48	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BS	Instrumnet Name :	P7
Client Sample ID :	LCS599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:17:53	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.98	2.12	2.07	2.05	3.44	ppb
Vanadium	51-2	11.17	11.02	11.14	11.11	0.70	ppb
Yttrium	89-1				121		%
Yttrium	89-2				115		%
Zinc	66-2	12.06	11.91	11.85	11.94	0.91	ppb
Zirconium	90-1	2.05	2.21	2.18	2.15	4.06	ppb
Zirconium	91-1	2.07	2.20	2.18	2.15	3.43	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:21:05	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.06	23.19	22.64	22.96	1.25	ppb
Antimony	121-1	2.33	2.37	2.41	2.37	1.54	ppb
Arsenic	75-2	1.26	1.18	1.14	1.20	5.19	ppb
Barium	135-1	11.27	11.43	11.41	11.37	0.74	ppb
Barium	137-1	11.24	11.50	11.27	11.34	1.25	ppb
Beryllium	9-1	1.08	1.09	1.24	1.14	7.56	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.34	1.09	1.24	1.23	10.26	ppb
Cadmium	106-1	1.93	1.44	0.88	1.42	37.04	ppb
Cadmium	111-1	1.27	1.31	1.25	1.28	2.32	ppb
Calcium	43-1	499.51	493.63	504.56	499.23	1.10	ppb
Calcium	44-1	515.66	529.56	527.54	524.25	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.22	2.29	2.25	2.26	1.54	ppb
Cobalt	59-2	1.16	1.18	1.17	1.17	0.86	ppb
Copper	63-2	2.45	2.45	2.44	2.45	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				116		%
Indium	115-2				114		%
Iron	56-2	234.53	236.61	237.59	236.24	0.66	ppb
Iron	57-2	251.49	249.40	243.62	248.17	1.64	ppb
Iron	54-2	249.22	250.17	249.60	249.66	0.19	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:21:05	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.16	1.19	1.21	1.19	1.97	ppb
Lead	207-1	1.17	1.19	1.20	1.19	1.34	ppb
Lead	208-1	1.17	1.19	1.21	1.19	1.56	ppb
Lithium	6-1				96		%
Magnesium	24-2	603.05	607.22	603.00	604.43	0.40	ppb
Manganese	55-2	1.03	1.01	1.05	1.03	1.76	ppb
Molybdenum	94-1	6.31	6.45	6.48	6.41	1.42	ppb
Molybdenum	95-1	5.46	5.53	5.50	5.49	0.67	ppb
Molybdenum	96-1	5.52	5.51	5.57	5.54	0.59	ppb
Molybdenum	97-1	5.47	5.53	5.50	5.50	0.48	ppb
Molybdenum	98-1	5.44	5.48	5.49	5.47	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.23	1.23	1.20	3.90	ppb
Phosphorus	31-2	-19.35	-17.27	-18.43	-18.35		ppb
Potassium	39-2	601.80	608.27	603.46	604.51	0.56	ppb
Rhodium	103-1				116		%
Rhodium	103-2				114		%
Scandium	45-1				116		%
Scandium	45-2				118		%
Selenium	82-1	5.37	5.58	5.79	5.58	3.82	ppb
Selenium	77-2	6.44	6.73	6.20	6.45	4.11	ppb
Selenium	78-2	6.40	6.33	5.99	6.24	3.44	ppb
Silicon	28-1	-3.85	-2.36	-2.23	-2.81		ppb
Silver	107-1	1.20	1.22	1.23	1.21	1.36	ppb
Silver	109-1	1.20	1.21	1.21	1.20	0.69	ppb
Sodium	23-2	580.69	587.93	579.17	582.60	0.80	ppb
Strontium	86-1	1.08	1.13	1.11	1.11	2.00	ppb
Strontium	88-1	1.13	1.13	1.16	1.14	1.23	ppb
Sulfur	34-1	-611.01	-544.92	-516.80	-557.58		ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	1.11	1.15	1.18	1.15	2.66	ppb
Thallium	205-1	1.12	1.14	1.16	1.14	1.80	ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb
Titanium	47-1	5.51	5.49	5.57	5.52	0.74	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:21:05	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.06	1.10	1.07	1.95	ppb
Vanadium	51-2	5.65	5.66	5.57	5.63	0.83	ppb
Yttrium	89-1				119		%
Yttrium	89-2				116		%
Zinc	66-2	7.62	7.45	7.37	7.48	1.69	ppb
Zirconium	90-1	1.11	1.11	1.10	1.11	0.25	ppb
Zirconium	91-1	1.12	1.10	1.08	1.10	1.53	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BL	Instrumnet Name :	P7
Client Sample ID :	PBS601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:24:22	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.36	0.38	0.38	4.45	ppb
Antimony	121-1	0.01	0.01	0.02	0.02	32.74	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.01	0.01	0.00	0.01	124.17	ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.01	0.02	0.04	0.02	68.07	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.03	0.01	0.02	34.87	ppb
Cadmium	106-1	0.48	0.20	0.29	0.32	44.92	ppb
Cadmium	111-1	0.01	0.00	0.00	0.00	59.50	ppb
Calcium	43-1	-1.75	-2.67	-2.53	-2.32		ppb
Calcium	44-1	4.87	4.38	4.22	4.49	7.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.05	-0.07	-0.06		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.01	-0.03	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				117		%
Indium	115-2				114		%
Iron	56-2	0.13	-0.07	0.07	0.04	244.55	ppb
Iron	57-2	-0.87	0.16	-0.10	-0.27		ppb
Iron	54-2	-0.43	-1.55	-0.84	-0.94		ppb
Krypton	83-1						cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BL	Instrumnet Name :	P7
Client Sample ID :	PBS601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:24:22	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.02	0.02	18.11	ppb
Lead	207-1	0.02	0.02	0.03	0.02	5.39	ppb
Lead	208-1	0.02	0.02	0.02	0.02	5.60	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.15	2.09	2.27	2.17	4.20	ppb
Manganese	55-2	-0.14	-0.14	-0.14	-0.14		ppb
Molybdenum	94-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	1.06	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	39.95	ppb
Molybdenum	97-1	0.03	0.01	0.01	0.02	56.66	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	24.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	94.67	ppb
Phosphorus	31-2	-17.32	-18.11	-18.42	-17.95		ppb
Potassium	39-2	9.72	8.08	8.77	8.86	9.25	ppb
Rhodium	103-1				117		%
Rhodium	103-2				115		%
Scandium	45-1				115		%
Scandium	45-2				118		%
Selenium	82-1	-0.27	-0.12	-0.22	-0.20		ppb
Selenium	77-2	0.09	-0.05	-0.05	-0.01		ppb
Selenium	78-2	0.48	0.64	0.30	0.48	35.95	ppb
Silicon	28-1	-6.03	-5.01	-4.83	-5.29		ppb
Silver	107-1	0.01	0.01	0.00	0.00	50.11	ppb
Silver	109-1	0.01	0.00	0.01	0.01	38.56	ppb
Sodium	23-2	11.45	11.48	11.98	11.63	2.55	ppb
Strontium	86-1	-0.02	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-573.57	-512.25	-476.58	-520.80		ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.01	0.02	0.01	5.07	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	12.47	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.00	-0.01	-0.01	-0.01		ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BL	Instrumnet Name :	P7
Client Sample ID :	PBS601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:24:22	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	105.06	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	311.50	ppb
Yttrium	89-1				119		%
Yttrium	89-2				116		%
Zinc	66-2	-0.05	-0.01	-0.05	-0.03		ppb
Zirconium	90-1	-0.02	-0.02	-0.01	-0.02		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BS	Instrumnet Name :	P7
Client Sample ID :	LCS601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:27:36	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.38	44.12	44.76	44.75	1.41	ppb
Antimony	121-1	4.58	4.61	4.68	4.62	1.15	ppb
Arsenic	75-2	2.41	2.45	2.26	2.37	4.34	ppb
Barium	135-1	22.23	21.98	22.35	22.19	0.84	ppb
Barium	137-1	22.31	22.34	22.45	22.37	0.34	ppb
Beryllium	9-1	2.24	2.35	2.36	2.32	2.97	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.20	2.32	2.26	2.26	2.56	ppb
Cadmium	106-1	3.24	2.92	3.06	3.07	5.25	ppb
Cadmium	111-1	2.52	2.48	2.49	2.50	0.77	ppb
Calcium	43-1	993.61	969.49	992.82	985.31	1.39	ppb
Calcium	44-1	1018.56	977.91	1004.39	1000.29	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.58	4.57	4.58	4.58	0.16	ppb
Cobalt	59-2	2.29	2.30	2.31	2.30	0.44	ppb
Copper	63-2	4.67	4.67	4.74	4.69	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				118		%
Indium	115-2				114		%
Iron	56-2	462.54	457.12	465.79	461.82	0.95	ppb
Iron	57-2	483.60	484.98	486.23	484.94	0.27	ppb
Iron	54-2	486.56	485.12	485.17	485.62	0.17	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BS	Instrumnet Name :	P7
Client Sample ID :	LCS601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:27:36	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.29	2.24	2.26	2.27	1.03	ppb
Lead	207-1	2.31	2.22	2.32	2.28	2.38	ppb
Lead	208-1	2.31	2.24	2.29	2.28	1.57	ppb
Lithium	6-1				98		%
Magnesium	24-2	1186.43	1194.93	1207.73	1196.36	0.90	ppb
Manganese	55-2	2.12	2.09	2.15	2.12	1.24	ppb
Molybdenum	94-1	12.96	12.65	12.57	12.73	1.60	ppb
Molybdenum	95-1	10.73	10.71	10.70	10.71	0.11	ppb
Molybdenum	96-1	10.88	10.87	10.86	10.87	0.11	ppb
Molybdenum	97-1	10.84	10.68	10.76	10.76	0.75	ppb
Molybdenum	98-1	10.83	10.75	10.81	10.80	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.38	2.28	2.28	2.31	2.47	ppb
Phosphorus	31-2	-18.23	-16.27	-19.26	-17.92		ppb
Potassium	39-2	1128.12	1110.08	1146.32	1128.17	1.61	ppb
Rhodium	103-1				117		%
Rhodium	103-2				114		%
Scandium	45-1				117		%
Scandium	45-2				120		%
Selenium	82-1	11.89	11.86	12.17	11.97	1.42	ppb
Selenium	77-2	12.15	11.58	14.09	12.61	10.46	ppb
Selenium	78-2	11.97	12.02	11.74	11.91	1.27	ppb
Silicon	28-1	0.40	0.01	0.78	0.40	96.45	ppb
Silver	107-1	2.32	2.41	2.40	2.37	2.05	ppb
Silver	109-1	2.34	2.37	2.43	2.38	1.91	ppb
Sodium	23-2	1105.43	1101.52	1133.23	1113.39	1.55	ppb
Strontium	86-1	2.20	2.19	2.15	2.18	1.04	ppb
Strontium	88-1	2.23	2.25	2.22	2.23	0.78	ppb
Sulfur	34-1	-406.26	-469.84	-392.41	-422.84		ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	2.29	2.17	2.23	2.23	2.58	ppb
Thallium	205-1	2.22	2.16	2.18	2.19	1.46	ppb
Tin	118-1	0.01	0.00	0.00	0.00	200.28	ppb
Titanium	47-1	10.92	10.85	10.98	10.92	0.61	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BS	Instrumnet Name :	P7
Client Sample ID :	LCS601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:27:36	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.15	2.06	2.11	2.11	2.07	ppb
Vanadium	51-2	10.96	10.96	11.07	11.00	0.53	ppb
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	11.73	11.70	11.77	11.73	0.32	ppb
Zirconium	90-1	2.23	2.21	2.20	2.21	0.62	ppb
Zirconium	91-1	2.24	2.25	2.20	2.23	1.26	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:30:49	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.19	21.79	22.41	22.13	1.43	ppb
Antimony	121-1	2.26	2.32	2.35	2.31	2.16	ppb
Arsenic	75-2	1.10	1.25	1.16	1.17	6.46	ppb
Barium	135-1	11.13	10.93	11.26	11.11	1.47	ppb
Barium	137-1	11.05	11.17	11.16	11.13	0.63	ppb
Beryllium	9-1	1.09	1.10	1.13	1.11	2.04	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.24	1.25	1.19	1.23	2.52	ppb
Cadmium	106-1	1.92	1.40	1.38	1.57	19.51	ppb
Cadmium	111-1	1.24	1.24	1.31	1.26	3.35	ppb
Calcium	43-1	501.43	485.46	495.19	494.02	1.63	ppb
Calcium	44-1	506.92	513.08	518.63	512.88	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.22	2.23	2.28	2.24	1.42	ppb
Cobalt	59-2	1.16	1.14	1.12	1.14	1.59	ppb
Copper	63-2	2.36	2.32	2.31	2.33	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				110		%
Indium	115-1				119		%
Indium	115-2				114		%
Iron	56-2	230.56	233.47	234.74	232.92	0.92	ppb
Iron	57-2	245.59	242.49	244.79	244.29	0.66	ppb
Iron	54-2	245.30	241.62	244.14	243.69	0.77	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:30:49	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.14	1.15	1.16	1.15	1.09	ppb
Lead	207-1	1.15	1.15	1.11	1.14	2.22	ppb
Lead	208-1	1.15	1.15	1.14	1.15	0.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	597.46	595.96	597.61	597.01	0.15	ppb
Manganese	55-2	0.98	0.97	1.00	0.99	1.58	ppb
Molybdenum	94-1	6.21	6.41	6.45	6.36	2.02	ppb
Molybdenum	95-1	5.30	5.32	5.49	5.37	1.93	ppb
Molybdenum	96-1	5.36	5.44	5.45	5.41	0.84	ppb
Molybdenum	97-1	5.34	5.50	5.37	5.40	1.58	ppb
Molybdenum	98-1	5.26	5.43	5.37	5.36	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.17	1.16	1.16	0.62	ppb
Phosphorus	31-2	-17.39	-18.83	-17.31	-17.84		ppb
Potassium	39-2	598.25	589.91	593.01	593.72	0.71	ppb
Rhodium	103-1				119		%
Rhodium	103-2				115		%
Scandium	45-1				118		%
Scandium	45-2				120		%
Selenium	82-1	5.67	5.49	5.97	5.71	4.19	ppb
Selenium	77-2	5.54	6.23	5.92	5.90	5.84	ppb
Selenium	78-2	6.16	6.17	6.03	6.12	1.28	ppb
Silicon	28-1	-3.23	-2.89	-2.86	-2.99		ppb
Silver	107-1	1.16	1.19	1.20	1.18	1.62	ppb
Silver	109-1	1.15	1.20	1.17	1.17	1.86	ppb
Sodium	23-2	556.02	547.47	559.30	554.27	1.10	ppb
Strontium	86-1	1.06	1.10	1.10	1.09	2.08	ppb
Strontium	88-1	1.09	1.12	1.12	1.11	1.69	ppb
Sulfur	34-1	-481.17	-421.51	-434.35	-445.68		ppb
Terbium	159-1				118		%
Terbium	159-2				109		%
Thallium	203-1	1.11	1.13	1.13	1.12	1.19	ppb
Thallium	205-1	1.07	1.09	1.09	1.09	0.93	ppb
Tin	118-1	-0.02	0.00	-0.01	-0.01		ppb
Titanium	47-1	5.38	5.56	5.41	5.45	1.79	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:30:49	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.05	1.04	1.04	0.92	ppb
Vanadium	51-2	5.53	5.43	5.51	5.49	0.96	ppb
Yttrium	89-1				121		%
Yttrium	89-2				117		%
Zinc	66-2	6.24	6.19	6.31	6.25	0.95	ppb
Zirconium	90-1	1.07	1.10	1.09	1.09	1.54	ppb
Zirconium	91-1	1.11	1.12	1.11	1.12	0.55	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BLRE	Instrumnet Name :	P7
Client Sample ID :	PBS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:34:02	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	0.53	0.60	0.58	7.85	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	29.84	ppb
Arsenic	75-2	-0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	25.72	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.01	0.06	0.04	58.03	ppb
Cadmium	106-1	1.19	0.50	0.66	0.78	45.72	ppb
Cadmium	111-1	0.01	0.01	0.01	0.01	30.03	ppb
Calcium	43-1	-4.62	-3.38	-4.30	-4.10		ppb
Calcium	44-1	0.00	1.40	0.67	0.69	101.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.07	-0.07	-0.07		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.03	-0.02	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				120		%
Indium	115-2				114		%
Iron	56-2	-0.23	-0.24	-0.20	-0.22		ppb
Iron	57-2	-0.69	-0.02	0.20	-0.17		ppb
Iron	54-2	-1.12	-1.39	-1.35	-1.29		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BLRE	Instrumnet Name :	P7
Client Sample ID :	PBS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:34:02	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.02	0.01	33.30	ppb
Lead	207-1	0.02	0.01	0.01	0.01	21.79	ppb
Lead	208-1	0.01	0.01	0.01	0.01	18.97	ppb
Lithium	6-1				99		%
Magnesium	24-2	2.90	2.46	2.54	2.64	8.79	ppb
Manganese	55-2	-0.15	-0.16	-0.16	-0.16		ppb
Molybdenum	94-1	-0.01	-0.03	-0.01	-0.02		ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	50.58	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	93.68	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	9.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-17.94	-18.23	-17.65	-17.94		ppb
Potassium	39-2	7.90	7.53	7.59	7.67	2.59	ppb
Rhodium	103-1				119		%
Rhodium	103-2				116		%
Scandium	45-1				117		%
Scandium	45-2				119		%
Selenium	82-1	-0.23	-0.29	-0.25	-0.26		ppb
Selenium	77-2	-0.05	-0.05	0.02	-0.03		ppb
Selenium	78-2	0.77	0.69	-0.03	0.48	91.93	ppb
Silicon	28-1	-6.42	-5.29	-5.91	-5.87		ppb
Silver	107-1	0.01	0.00	0.00	0.00	16.05	ppb
Silver	109-1	0.00	0.00	0.00	0.00	6.82	ppb
Sodium	23-2	8.56	7.98	8.37	8.30	3.58	ppb
Strontium	86-1	-0.01	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-483.81	-334.98	-379.05	-399.28		ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	0.01	0.01	0.00	0.01	10.70	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.90	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb
Titanium	47-1	-0.01	-0.02	-0.02	-0.01		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BLRE	Instrumnet Name :	P7
Client Sample ID :	PBS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:34:02	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				121		%
Yttrium	89-2				118		%
Zinc	66-2	-0.09	-0.14	-0.09	-0.11		ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSRE	Instrumnet Name :	P7
Client Sample ID :	LCS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:37:17	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.29	41.91	44.96	43.72	3.66	ppb
Antimony	121-1	4.55	4.61	4.62	4.59	0.80	ppb
Arsenic	75-2	2.27	2.38	2.39	2.35	2.78	ppb
Barium	135-1	21.89	21.73	22.33	21.98	1.41	ppb
Barium	137-1	22.08	22.20	22.42	22.23	0.77	ppb
Beryllium	9-1	2.33	2.14	2.18	2.22	4.71	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.40	2.52	2.57	2.50	3.63	ppb
Cadmium	106-1	3.17	2.95	2.75	2.96	7.22	ppb
Cadmium	111-1	2.43	2.44	2.47	2.45	0.88	ppb
Calcium	43-1	979.70	952.16	968.50	966.79	1.43	ppb
Calcium	44-1	981.04	964.85	990.98	978.96	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.55	4.39	4.54	4.49	1.99	ppb
Cobalt	59-2	2.30	2.25	2.33	2.29	1.60	ppb
Copper	63-2	4.67	4.57	4.66	4.63	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				118		%
Indium	115-2				114		%
Iron	56-2	464.02	452.41	462.97	459.80	1.40	ppb
Iron	57-2	482.68	478.53	493.36	484.86	1.58	ppb
Iron	54-2	485.54	479.24	489.72	484.83	1.09	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSRE	Instrumnet Name :	P7
Client Sample ID :	LCS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:37:17	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.25	2.26	2.22	2.24	0.87	ppb
Lead	207-1	2.22	2.24	2.24	2.23	0.50	ppb
Lead	208-1	2.23	2.24	2.25	2.24	0.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	1197.07	1181.97	1215.41	1198.15	1.40	ppb
Manganese	55-2	2.06	2.07	2.12	2.08	1.57	ppb
Molybdenum	94-1	12.32	12.46	12.50	12.42	0.75	ppb
Molybdenum	95-1	10.30	10.50	10.35	10.38	1.02	ppb
Molybdenum	96-1	10.49	10.65	10.67	10.60	0.94	ppb
Molybdenum	97-1	10.47	10.53	10.54	10.51	0.39	ppb
Molybdenum	98-1	10.37	10.52	10.57	10.49	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.37	2.37	2.23	2.32	3.47	ppb
Phosphorus	31-2	-15.78	-18.56	-16.21	-16.85		ppb
Potassium	39-2	1111.68	1101.69	1133.97	1115.78	1.48	ppb
Rhodium	103-1				119		%
Rhodium	103-2				116		%
Scandium	45-1				118		%
Scandium	45-2				120		%
Selenium	82-1	10.92	11.05	11.16	11.04	1.07	ppb
Selenium	77-2	11.47	9.59	12.30	11.12	12.48	ppb
Selenium	78-2	11.84	12.04	12.26	12.05	1.76	ppb
Silicon	28-1	-0.22	-0.40	-0.01	-0.21		ppb
Silver	107-1	2.35	2.37	2.43	2.38	1.83	ppb
Silver	109-1	2.34	2.34	2.40	2.36	1.47	ppb
Sodium	23-2	1111.13	1100.15	1148.88	1120.05	2.28	ppb
Strontium	86-1	2.09	2.19	2.18	2.15	2.52	ppb
Strontium	88-1	2.14	2.20	2.17	2.17	1.47	ppb
Sulfur	34-1	-353.25	-395.29	-321.49	-356.67		ppb
Terbium	159-1				117		%
Terbium	159-2				109		%
Thallium	203-1	2.20	2.19	2.18	2.19	0.58	ppb
Thallium	205-1	2.17	2.19	2.17	2.18	0.53	ppb
Tin	118-1	-0.01	0.04	-0.01	0.01	423.28	ppb
Titanium	47-1	10.70	10.50	10.65	10.61	1.00	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSRE	Instrumnet Name :	P7
Client Sample ID :	LCS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:37:17	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.08	2.07	2.07	2.07	0.30	ppb
Vanadium	51-2	11.08	10.93	11.13	11.05	0.91	ppb
Yttrium	89-1				122		%
Yttrium	89-2				116		%
Zinc	66-2	11.61	11.45	12.18	11.75	3.30	ppb
Zirconium	90-1	2.12	2.15	2.15	2.14	0.87	ppb
Zirconium	91-1	2.15	2.17	2.15	2.16	0.57	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSDRE	Instrumnet Name :	P7
Client Sample ID :	LCSD624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:40:29	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.79	24.09	23.02	23.63	2.33	ppb
Antimony	121-1	2.43	2.38	2.31	2.37	2.54	ppb
Arsenic	75-2	1.18	1.23	1.10	1.17	5.72	ppb
Barium	135-1	11.48	11.14	11.13	11.25	1.80	ppb
Barium	137-1	11.38	11.36	11.18	11.31	0.99	ppb
Beryllium	9-1	1.18	1.12	1.11	1.14	3.57	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.11	1.31	1.23	8.53	ppb
Cadmium	106-1	2.60	2.45	1.93	2.33	14.96	ppb
Cadmium	111-1	1.28	1.34	1.26	1.29	3.20	ppb
Calcium	43-1	505.96	494.73	482.05	494.25	2.42	ppb
Calcium	44-1	529.86	515.52	509.94	518.44	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.27	2.31	2.27	2.28	1.14	ppb
Cobalt	59-2	1.18	1.17	1.16	1.17	0.79	ppb
Copper	63-2	2.36	2.39	2.38	2.38	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				117		%
Indium	115-2				113		%
Iron	56-2	236.73	235.52	236.44	236.23	0.27	ppb
Iron	57-2	248.12	249.92	248.21	248.75	0.41	ppb
Iron	54-2	243.51	251.14	247.63	247.43	1.54	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSDRE	Instrumnet Name :	P7
Client Sample ID :	LCSD624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:40:29	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.25	1.17	1.14	1.18	4.92	ppb
Lead	207-1	1.21	1.21	1.12	1.18	4.18	ppb
Lead	208-1	1.21	1.17	1.12	1.17	3.62	ppb
Lithium	6-1				98		%
Magnesium	24-2	599.00	608.58	612.95	606.84	1.18	ppb
Manganese	55-2	0.95	1.02	1.02	1.00	4.10	ppb
Molybdenum	94-1	6.43	6.49	6.32	6.41	1.34	ppb
Molybdenum	95-1	5.46	5.50	5.30	5.42	1.96	ppb
Molybdenum	96-1	5.53	5.67	5.43	5.54	2.20	ppb
Molybdenum	97-1	5.40	5.65	5.32	5.45	3.14	ppb
Molybdenum	98-1	5.48	5.58	5.27	5.44	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.19	1.20	1.18	1.76	ppb
Phosphorus	31-2	-18.37	-18.88	-18.72	-18.65		ppb
Potassium	39-2	594.45	606.86	602.09	601.13	1.04	ppb
Rhodium	103-1				119		%
Rhodium	103-2				115		%
Scandium	45-1				117		%
Scandium	45-2				118		%
Selenium	82-1	5.67	5.95	5.61	5.74	3.12	ppb
Selenium	77-2	4.32	5.73	5.53	5.19	14.71	ppb
Selenium	78-2	6.29	5.98	5.94	6.07	3.17	ppb
Silicon	28-1	-1.70	-2.42	-2.91	-2.34		ppb
Silver	107-1	1.24	1.20	1.19	1.21	2.13	ppb
Silver	109-1	1.20	1.23	1.19	1.21	1.80	ppb
Sodium	23-2	568.30	573.57	557.05	566.31	1.49	ppb
Strontium	86-1	1.08	1.10	1.12	1.10	1.51	ppb
Strontium	88-1	1.12	1.11	1.10	1.11	1.12	ppb
Sulfur	34-1	-227.17	-329.05	-330.54	-295.59		ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	1.17	1.14	1.10	1.14	2.91	ppb
Thallium	205-1	1.14	1.10	1.08	1.11	2.53	ppb
Tin	118-1	0.00	0.00	-0.02	-0.01		ppb
Titanium	47-1	5.65	5.46	5.31	5.47	3.10	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSDRE	Instrumnet Name :	P7
Client Sample ID :	LCSD624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:40:29	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.06	1.03	1.06	3.37	ppb
Vanadium	51-2	5.58	5.69	5.66	5.64	0.98	ppb
Yttrium	89-1				120		%
Yttrium	89-2				116		%
Zinc	66-2	6.11	6.05	6.05	6.07	0.55	ppb
Zirconium	90-1	1.10	1.10	1.08	1.09	1.07	ppb
Zirconium	91-1	1.11	1.13	1.08	1.11	2.41	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-01	Instrumnet Name :	P7
Client Sample ID :	MYE4W0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:43:43	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38806.22	38568.50	39093.00	38822.57	0.68	ppb
Antimony	121-1	2.84	2.89	2.95	2.89	2.02	ppb
Arsenic	75-2	166.06	159.87	165.59	163.84	2.10	ppb
Barium	135-1	594.30	595.44	604.54	598.09	0.94	ppb
Barium	137-1	599.96	598.60	597.93	598.83	0.17	ppb
Beryllium	9-1	1.61	1.77	1.64	1.68	5.16	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.46	4.60	4.73	4.60	3.00	ppb
Cadmium	106-1	6.53	5.25	5.15	5.64	13.64	ppb
Cadmium	111-1	4.07	4.06	4.02	4.05	0.67	ppb
Calcium	43-1	8342.78	8438.20	8517.74	8432.91	1.04	ppb
Calcium	44-1	7915.97	7975.86	7956.41	7949.41	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.88	93.78	98.25	95.97	2.33	ppb
Cobalt	59-2	60.63	60.00	61.26	60.63	1.04	ppb
Copper	63-2	331.55	333.32	333.14	332.67	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				108		%
Indium	115-1				117		%
Indium	115-2				112		%
Iron	56-2	105742.26	105385.29	108016.68	106381.41	1.34	ppb
Iron	57-2	104253.98	106502.04	106242.31	105666.11	1.16	ppb
Iron	54-2	107099.51	105847.81	108371.93	107106.42	1.18	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-01	Instrumnet Name :	P7
Client Sample ID :	MYE4W0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:43:43	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	117.47	119.10	118.25	118.27	0.69	ppb
Lead	207-1	118.19	119.27	118.25	118.57	0.51	ppb
Lead	208-1	117.74	118.36	116.96	117.69	0.60	ppb
Lithium	6-1				87		%
Magnesium	24-2	22793.98	22563.99	23114.73	22824.24	1.21	ppb
Manganese	55-2	2224.09	2202.85	2250.75	2225.90	1.08	ppb
Molybdenum	94-1	31.28	31.68	32.36	31.77	1.72	ppb
Molybdenum	95-1	1.21	1.23	1.25	1.23	1.59	ppb
Molybdenum	96-1	5.04	5.18	5.18	5.13	1.60	ppb
Molybdenum	97-1	1.17	1.24	1.24	1.22	3.17	ppb
Molybdenum	98-1	1.16	1.20	1.23	1.20	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.81	113.83	117.60	115.75	1.63	ppb
Phosphorus	31-2	2432.38	2479.05	2460.33	2457.26	0.96	ppb
Potassium	39-2	6781.29	6906.08	6805.35	6830.91	0.97	ppb
Rhodium	103-1				115		%
Rhodium	103-2				114		%
Scandium	45-1				120		%
Scandium	45-2				128		%
Selenium	82-1	0.56	0.55	0.61	0.57	5.91	ppb
Selenium	77-2	20.32	14.95	20.76	18.68	17.32	ppb
Selenium	78-2	4.89	4.58	4.63	4.70	3.54	ppb
Silicon	28-1	1606.70	1634.74	1624.64	1622.03	0.88	ppb
Silver	107-1	0.75	0.74	0.74	0.74	0.55	ppb
Silver	109-1	0.73	0.72	0.72	0.72	0.51	ppb
Sodium	23-2	152.73	153.87	157.96	154.85	1.77	ppb
Strontium	86-1	96.17	98.52	100.64	98.45	2.27	ppb
Strontium	88-1	97.58	98.57	98.60	98.25	0.59	ppb
Sulfur	34-1	-522.73	-665.07	-728.92	-638.91		ppb
Terbium	159-1				119		%
Terbium	159-2				110		%
Thallium	203-1	0.63	0.63	0.65	0.64	1.46	ppb
Thallium	205-1	0.63	0.65	0.65	0.64	2.02	ppb
Tin	118-1	3.81	3.93	3.82	3.85	1.75	ppb
Titanium	47-1	1044.93	1041.49	1039.48	1041.97	0.26	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-01	Instrumnet Name :	P7
Client Sample ID :	MYE4W0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:43:43	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.35	1.37	1.40	1.37	1.77	ppb
Vanadium	51-2	207.24	208.83	210.30	208.79	0.73	ppb
Yttrium	89-1				127		%
Yttrium	89-2				124		%
Zinc	66-2	374.10	370.94	378.39	374.48	1.00	ppb
Zirconium	90-1	17.27	17.46	17.65	17.46	1.10	ppb
Zirconium	91-1	17.07	17.54	17.88	17.50	2.34	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-02	Instrumnet Name :	P7
Client Sample ID :	MYE4W1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:46:41	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65211.07	64952.06	65276.55	65146.56	0.26	ppb
Antimony	121-1	2.05	2.09	2.12	2.09	1.52	ppb
Arsenic	75-2	187.12	184.98	189.47	187.19	1.20	ppb
Barium	135-1	905.69	937.46	928.59	923.91	1.77	ppb
Barium	137-1	916.71	933.05	922.45	924.07	0.90	ppb
Beryllium	9-1	2.33	2.68	2.58	2.53	7.17	ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.88	3.07	3.10	3.02	3.99	ppb
Cadmium	106-1	4.97	4.37	4.26	4.53	8.39	ppb
Cadmium	111-1	2.18	2.15	2.15	2.16	0.74	ppb
Calcium	43-1	19311.54	19460.76	19595.64	19455.98	0.73	ppb
Calcium	44-1	18983.49	18897.16	19180.46	19020.37	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.91	122.37	121.74	122.34	0.48	ppb
Cobalt	59-2	76.29	75.01	75.62	75.64	0.85	ppb
Copper	63-2	232.20	233.99	231.55	232.58	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				107		%
Indium	115-1				116		%
Indium	115-2				110		%
Iron	56-2	122074.10	121937.81	122166.25	122059.39	0.09	ppb
Iron	57-2	122971.13	121704.01	121265.19	121980.11	0.73	ppb
Iron	54-2	123059.88	124316.59	123372.10	123582.86	0.53	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-02	Instrumnet Name :	P7
Client Sample ID :	MYE4W1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:46:41	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	63.47	64.67	63.16	63.77	1.25	ppb
Lead	207-1	61.43	63.46	63.49	62.80	1.88	ppb
Lead	208-1	60.77	63.16	61.65	61.86	1.96	ppb
Lithium	6-1				78		%
Magnesium	24-2	32046.03	31731.37	31893.24	31890.21	0.49	ppb
Manganese	55-2	2498.33	2514.99	2513.52	2508.95	0.37	ppb
Molybdenum	94-1	36.03	36.36	36.44	36.28	0.59	ppb
Molybdenum	95-1	1.02	1.03	1.04	1.03	0.85	ppb
Molybdenum	96-1	5.47	5.59	5.47	5.51	1.23	ppb
Molybdenum	97-1	1.02	1.06	1.00	1.02	2.72	ppb
Molybdenum	98-1	0.98	0.98	0.99	0.98	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	164.05	162.52	163.75	163.44	0.49	ppb
Phosphorus	31-2	3694.38	3712.03	3689.82	3698.74	0.32	ppb
Potassium	39-2	6619.16	6741.44	6784.71	6715.10	1.28	ppb
Rhodium	103-1				114		%
Rhodium	103-2				111		%
Scandium	45-1				120		%
Scandium	45-2				130		%
Selenium	82-1	1.07	0.76	1.23	1.02	23.32	ppb
Selenium	77-2	27.67	29.17	29.27	28.71	3.12	ppb
Selenium	78-2	7.59	7.60	7.52	7.57	0.52	ppb
Silicon	28-1	1254.61	1255.24	1250.97	1253.61	0.18	ppb
Silver	107-1	0.42	0.44	0.44	0.43	1.86	ppb
Silver	109-1	0.45	0.43	0.44	0.44	2.47	ppb
Sodium	23-2	187.13	186.16	188.33	187.21	0.58	ppb
Strontium	86-1	161.99	164.30	162.62	162.97	0.73	ppb
Strontium	88-1	162.25	163.19	160.62	162.02	0.80	ppb
Sulfur	34-1	-909.70	-988.27	-996.65	-964.87		ppb
Terbium	159-1				118		%
Terbium	159-2				109		%
Thallium	203-1	0.65	0.68	0.68	0.67	2.79	ppb
Thallium	205-1	0.64	0.66	0.67	0.65	2.32	ppb
Tin	118-1	3.48	3.49	3.54	3.50	0.82	ppb
Titanium	47-1	1152.35	1164.90	1163.35	1160.20	0.59	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-02	Instrumnet Name :	P7
Client Sample ID :	MYE4W1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:46:41	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.71	1.75	1.76	1.74	1.59	ppb
Vanadium	51-2	245.75	245.01	244.51	245.09	0.25	ppb
Yttrium	89-1				130		%
Yttrium	89-2				126		%
Zinc	66-2	304.73	300.22	301.55	302.17	0.77	ppb
Zirconium	90-1	20.03	20.09	20.08	20.06	0.17	ppb
Zirconium	91-1	20.07	20.29	20.16	20.17	0.54	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-03	Instrumnet Name :	P7
Client Sample ID :	MYE4W2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:49:39	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54918.00	55223.70	54868.63	55003.44	0.35	ppb
Antimony	121-1	2.33	2.36	2.34	2.34	0.47	ppb
Arsenic	75-2	160.84	163.43	163.78	162.68	0.99	ppb
Barium	135-1	888.34	882.13	890.16	886.88	0.47	ppb
Barium	137-1	881.59	891.90	908.73	894.07	1.53	ppb
Beryllium	9-1	2.09	2.36	2.13	2.20	6.56	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.45	2.28	2.30	2.34	3.91	ppb
Cadmium	106-1	3.48	2.89	3.26	3.21	9.37	ppb
Cadmium	111-1	1.71	1.77	1.72	1.73	1.82	ppb
Calcium	43-1	12530.32	12764.35	12573.44	12622.70	0.99	ppb
Calcium	44-1	11892.62	12105.80	11959.08	11985.83	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115.28	113.30	116.22	114.93	1.30	ppb
Cobalt	59-2	68.59	67.89	69.02	68.50	0.83	ppb
Copper	63-2	193.06	192.51	196.44	194.00	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				109		%
Indium	115-1				116		%
Indium	115-2				111		%
Iron	56-2	119582.39	117833.86	118216.32	118544.19	0.78	ppb
Iron	57-2	119499.52	117740.83	120659.08	119299.81	1.23	ppb
Iron	54-2	121155.83	118196.74	120756.13	120036.24	1.34	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-03	Instrumnet Name :	P7
Client Sample ID :	MYE4W2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:49:39	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.72	52.10	51.99	51.94	0.38	ppb
Lead	207-1	49.69	50.68	50.54	50.30	1.07	ppb
Lead	208-1	49.52	50.51	50.28	50.10	1.03	ppb
Lithium	6-1				77		%
Magnesium	24-2	26842.27	27047.49	26825.52	26905.10	0.46	ppb
Manganese	55-2	3630.02	3527.34	3600.62	3585.99	1.47	ppb
Molybdenum	94-1	29.40	29.55	29.88	29.61	0.83	ppb
Molybdenum	95-1	1.12	1.14	1.16	1.14	1.46	ppb
Molybdenum	96-1	4.91	4.85	4.93	4.89	0.91	ppb
Molybdenum	97-1	1.08	1.11	1.13	1.10	2.28	ppb
Molybdenum	98-1	1.10	1.09	1.11	1.10	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.62	134.37	135.09	135.03	0.46	ppb
Phosphorus	31-2	2152.40	2137.54	2125.93	2138.62	0.62	ppb
Potassium	39-2	7146.39	7102.44	7194.73	7147.85	0.65	ppb
Rhodium	103-1				114		%
Rhodium	103-2				113		%
Scandium	45-1				118		%
Scandium	45-2				129		%
Selenium	82-1	0.41	0.78	0.96	0.72	39.19	ppb
Selenium	77-2	24.84	21.55	22.71	23.03	7.24	ppb
Selenium	78-2	5.00	5.31	5.72	5.34	6.76	ppb
Silicon	28-1	1058.56	1083.97	1064.80	1069.11	1.24	ppb
Silver	107-1	0.43	0.43	0.44	0.43	1.18	ppb
Silver	109-1	0.42	0.43	0.45	0.43	2.98	ppb
Sodium	23-2	144.19	143.63	142.74	143.52	0.51	ppb
Strontium	86-1	155.86	151.00	155.43	154.09	1.75	ppb
Strontium	88-1	154.71	153.90	155.86	154.82	0.64	ppb
Sulfur	34-1	-1204.50	-1157.94	-1164.45	-1175.63		ppb
Terbium	159-1				118		%
Terbium	159-2				110		%
Thallium	203-1	0.72	0.70	0.74	0.72	2.66	ppb
Thallium	205-1	0.67	0.72	0.71	0.70	3.61	ppb
Tin	118-1	3.04	3.07	2.99	3.03	1.28	ppb
Titanium	47-1	1061.36	1091.38	1091.68	1081.47	1.61	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-03	Instrumnet Name :	P7
Client Sample ID :	MYE4W2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:49:39	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.51	1.55	1.58	1.54	2.29	ppb
Vanadium	51-2	251.73	245.42	248.20	248.45	1.27	ppb
Yttrium	89-1				127		%
Yttrium	89-2				125		%
Zinc	66-2	232.45	231.20	230.76	231.47	0.38	ppb
Zirconium	90-1	16.14	16.26	16.33	16.24	0.59	ppb
Zirconium	91-1	16.25	16.41	16.42	16.36	0.60	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-04	Instrumnet Name :	P7
Client Sample ID :	MYE4W3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:52:36	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40483.99	39419.15	40047.29	39983.47	1.34	ppb
Antimony	121-1	3.45	3.42	3.50	3.45	1.11	ppb
Arsenic	75-2	204.58	200.27	203.26	202.70	1.09	ppb
Barium	135-1	626.03	619.57	623.86	623.15	0.53	ppb
Barium	137-1	627.12	611.98	632.01	623.71	1.67	ppb
Beryllium	9-1	1.90	1.89	1.87	1.89	0.90	ppb
Bismuth	209-1				113		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.80	4.93	4.78	4.84	1.70	ppb
Cadmium	106-1	6.20	5.65	5.51	5.78	6.30	ppb
Cadmium	111-1	4.56	4.54	4.65	4.58	1.24	ppb
Calcium	43-1	7711.91	7681.78	7700.65	7698.11	0.20	ppb
Calcium	44-1	7305.38	7317.67	7249.92	7290.99	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.05	101.77	106.42	105.41	3.09	ppb
Cobalt	59-2	71.06	68.65	70.07	69.93	1.73	ppb
Copper	63-2	463.25	459.03	462.99	461.76	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				108		%
Indium	115-1				116		%
Indium	115-2				111		%
Iron	56-2	120474.95	117092.08	120577.79	119381.60	1.66	ppb
Iron	57-2	121486.96	118318.57	119419.39	119741.64	1.34	ppb
Iron	54-2	121504.16	117825.17	121240.87	120190.07	1.71	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-04	Instrumnet Name :	P7
Client Sample ID :	MYE4W3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:52:36	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	139.48	138.46	139.43	139.12	0.41	ppb
Lead	207-1	140.22	142.55	140.36	141.04	0.93	ppb
Lead	208-1	139.15	140.06	140.87	140.02	0.61	ppb
Lithium	6-1				76		%
Magnesium	24-2	23629.62	22901.57	23750.77	23427.32	1.96	ppb
Manganese	55-2	2906.22	2819.90	2891.88	2872.67	1.61	ppb
Molybdenum	94-1	35.78	36.21	36.49	36.16	0.99	ppb
Molybdenum	95-1	1.42	1.47	1.44	1.44	1.58	ppb
Molybdenum	96-1	5.80	5.84	5.93	5.85	1.13	ppb
Molybdenum	97-1	1.38	1.47	1.46	1.43	3.50	ppb
Molybdenum	98-1	1.42	1.42	1.43	1.42	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.69	121.95	124.30	123.65	1.20	ppb
Phosphorus	31-2	2426.42	2354.76	2373.34	2384.84	1.56	ppb
Potassium	39-2	8057.51	7866.85	7944.30	7956.22	1.21	ppb
Rhodium	103-1				114		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				125		%
Selenium	82-1	0.80	1.28	0.73	0.94	31.99	ppb
Selenium	77-2	22.01	20.81	20.05	20.95	4.71	ppb
Selenium	78-2	5.20	4.78	5.22	5.07	4.83	ppb
Silicon	28-1	1603.98	1637.28	1594.72	1611.99	1.39	ppb
Silver	107-1	0.98	0.99	1.00	0.99	0.84	ppb
Silver	109-1	0.96	0.97	0.98	0.97	1.02	ppb
Sodium	23-2	173.86	164.82	172.01	170.23	2.81	ppb
Strontium	86-1	89.74	90.90	91.45	90.70	0.96	ppb
Strontium	88-1	90.16	92.70	90.86	91.24	1.44	ppb
Sulfur	34-1	-1088.38	-1079.74	-1085.35	-1084.49		ppb
Terbium	159-1				120		%
Terbium	159-2				109		%
Thallium	203-1	0.74	0.74	0.76	0.75	1.58	ppb
Thallium	205-1	0.73	0.74	0.76	0.74	1.95	ppb
Tin	118-1	3.62	3.58	3.66	3.62	1.12	ppb
Titanium	47-1	1266.03	1271.00	1248.77	1261.94	0.92	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-04	Instrumnet Name :	P7
Client Sample ID :	MYE4W3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:52:36	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.56	1.54	1.56	1.55	0.69	ppb
Vanadium	51-2	234.88	224.69	234.13	231.23	2.46	ppb
Yttrium	89-1				126		%
Yttrium	89-2				123		%
Zinc	66-2	407.21	392.03	398.28	399.17	1.91	ppb
Zirconium	90-1	19.59	19.70	19.90	19.73	0.81	ppb
Zirconium	91-1	19.45	19.83	20.05	19.78	1.55	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-05	Instrumnet Name :	P7
Client Sample ID :	MYE4W4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:55:34	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42300.79	41424.16	41187.14	41637.36	1.41	ppb
Antimony	121-1	3.90	4.11	3.89	3.97	3.12	ppb
Arsenic	75-2	183.09	186.26	183.93	184.43	0.89	ppb
Barium	135-1	616.44	655.01	619.30	630.25	3.41	ppb
Barium	137-1	621.48	640.46	621.68	627.87	1.74	ppb
Beryllium	9-1	1.93	1.81	1.85	1.86	3.22	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.33	4.22	4.09	4.21	2.85	ppb
Cadmium	106-1	5.03	5.79	4.54	5.12	12.34	ppb
Cadmium	111-1	3.95	4.07	3.97	4.00	1.60	ppb
Calcium	43-1	7758.83	7816.20	7818.21	7797.75	0.43	ppb
Calcium	44-1	7345.07	7475.20	7420.18	7413.48	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110.34	109.94	112.11	110.80	1.04	ppb
Cobalt	59-2	69.07	68.89	68.43	68.80	0.48	ppb
Copper	63-2	347.10	336.13	342.21	341.81	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				109		%
Indium	115-1				118		%
Indium	115-2				110		%
Iron	56-2	125317.68	125184.37	125063.01	125188.35	0.10	ppb
Iron	57-2	125153.87	125032.36	123406.43	124530.88	0.78	ppb
Iron	54-2	127005.59	125755.98	125985.57	126249.05	0.53	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-05	Instrumnet Name :	P7
Client Sample ID :	MYE4W4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:55:34	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.29	123.58	124.57	123.82	0.54	ppb
Lead	207-1	124.62	124.80	126.43	125.28	0.80	ppb
Lead	208-1	123.75	124.08	124.95	124.26	0.50	ppb
Lithium	6-1				79		%
Magnesium	24-2	23864.99	23852.23	23558.31	23758.51	0.73	ppb
Manganese	55-2	2627.73	2616.27	2615.11	2619.70	0.27	ppb
Molybdenum	94-1	32.59	31.96	31.52	32.02	1.68	ppb
Molybdenum	95-1	1.56	1.56	1.53	1.55	1.09	ppb
Molybdenum	96-1	5.56	5.46	5.51	5.51	0.92	ppb
Molybdenum	97-1	1.53	1.51	1.50	1.51	0.87	ppb
Molybdenum	98-1	1.52	1.51	1.49	1.51	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.59	132.71	131.87	132.72	0.65	ppb
Phosphorus	31-2	2322.67	2276.40	2277.67	2292.25	1.15	ppb
Potassium	39-2	7172.42	7171.84	7031.24	7125.17	1.14	ppb
Rhodium	103-1				114		%
Rhodium	103-2				112		%
Scandium	45-1				116		%
Scandium	45-2				124		%
Selenium	82-1	0.89	0.43	0.60	0.64	35.69	ppb
Selenium	77-2	19.95	21.26	18.02	19.74	8.26	ppb
Selenium	78-2	5.33	5.10	4.99	5.14	3.32	ppb
Silicon	28-1	1150.88	1122.42	1129.84	1134.38	1.30	ppb
Silver	107-1	0.69	0.73	0.68	0.70	3.61	ppb
Silver	109-1	0.68	0.72	0.67	0.69	3.64	ppb
Sodium	23-2	149.46	149.30	149.05	149.27	0.14	ppb
Strontium	86-1	96.52	95.18	96.33	96.01	0.76	ppb
Strontium	88-1	97.18	96.53	95.54	96.42	0.85	ppb
Sulfur	34-1	-1090.47	-1060.28	-1073.56	-1074.77		ppb
Terbium	159-1				121		%
Terbium	159-2				109		%
Thallium	203-1	0.68	0.69	0.70	0.69	1.71	ppb
Thallium	205-1	0.67	0.68	0.69	0.68	1.24	ppb
Tin	118-1	3.35	3.54	3.35	3.41	3.20	ppb
Titanium	47-1	1081.02	1072.51	1089.49	1081.00	0.79	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-05	Instrumnet Name :	P7
Client Sample ID :	MYE4W4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:55:34	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.54	1.58	1.56	1.56	1.20	ppb
Vanadium	51-2	240.49	242.30	236.58	239.79	1.22	ppb
Yttrium	89-1				127		%
Yttrium	89-2				123		%
Zinc	66-2	393.65	392.67	389.61	391.98	0.54	ppb
Zirconium	90-1	17.43	17.27	17.24	17.31	0.59	ppb
Zirconium	91-1	17.45	17.09	17.31	17.28	1.03	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06RE	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:58:31	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41998.87	41553.99	41835.19	41796.01	0.54	ppb
Antimony	121-1	3.11	3.21	3.28	3.20	2.66	ppb
Arsenic	75-2	190.28	190.46	193.79	191.51	1.03	ppb
Barium	135-1	596.17	610.32	622.76	609.75	2.18	ppb
Barium	137-1	609.15	611.75	608.09	609.67	0.31	ppb
Beryllium	9-1	1.52	1.59	1.77	1.63	7.94	ppb
Bismuth	209-1				116		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.97	5.03	5.29	5.10	3.33	ppb
Cadmium	106-1	5.73	5.60	6.04	5.79	3.89	ppb
Cadmium	111-1	4.70	4.79	4.89	4.79	1.99	ppb
Calcium	43-1	11067.85	11486.57	11492.32	11348.91	2.14	ppb
Calcium	44-1	10425.84	10807.37	10899.22	10710.81	2.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.09	100.07	98.89	99.68	0.69	ppb
Cobalt	59-2	69.30	68.28	67.94	68.51	1.03	ppb
Copper	63-2	534.07	533.20	520.95	529.41	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				111		%
Indium	115-1				117		%
Indium	115-2				112		%
Iron	56-2	112517.48	110351.16	111673.16	111513.94	0.98	ppb
Iron	57-2	114113.25	113037.38	111539.95	112896.86	1.14	ppb
Iron	54-2	113601.95	112706.44	113801.24	113369.88	0.51	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06RE	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:58:31	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	162.29	164.30	166.50	164.36	1.28	ppb
Lead	207-1	165.90	163.40	168.32	165.87	1.48	ppb
Lead	208-1	162.66	163.98	166.30	164.31	1.12	ppb
Lithium	6-1				80		%
Magnesium	24-2	25479.90	25143.55	25304.65	25309.37	0.66	ppb
Manganese	55-2	2432.14	2415.30	2441.17	2429.54	0.54	ppb
Molybdenum	94-1	38.67	39.96	39.46	39.36	1.66	ppb
Molybdenum	95-1	1.20	1.25	1.23	1.23	2.22	ppb
Molybdenum	96-1	5.80	6.05	6.01	5.95	2.17	ppb
Molybdenum	97-1	1.16	1.26	1.23	1.22	4.14	ppb
Molybdenum	98-1	1.15	1.22	1.20	1.19	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.81	125.83	126.06	126.57	0.85	ppb
Phosphorus	31-2	2805.21	2751.80	2736.82	2764.61	1.30	ppb
Potassium	39-2	6184.25	6111.28	5973.05	6089.52	1.76	ppb
Rhodium	103-1				115		%
Rhodium	103-2				114		%
Scandium	45-1				114		%
Scandium	45-2				123		%
Selenium	82-1	0.96	1.15	0.85	0.99	15.47	ppb
Selenium	77-2	19.39	19.23	16.29	18.31	9.52	ppb
Selenium	78-2	4.81	4.47	4.82	4.70	4.23	ppb
Silicon	28-1	1484.79	1571.55	1543.12	1533.15	2.88	ppb
Silver	107-1	1.21	1.23	1.26	1.23	1.95	ppb
Silver	109-1	1.21	1.22	1.26	1.23	1.98	ppb
Sodium	23-2	166.72	165.38	164.07	165.39	0.80	ppb
Strontium	86-1	105.34	109.39	109.73	108.15	2.26	ppb
Strontium	88-1	106.23	110.81	109.49	108.85	2.17	ppb
Sulfur	34-1	-893.36	-882.99	-884.95	-887.10		ppb
Terbium	159-1				121		%
Terbium	159-2				110		%
Thallium	203-1	0.61	0.60	0.61	0.60	1.41	ppb
Thallium	205-1	0.59	0.60	0.61	0.60	1.90	ppb
Tin	118-1	3.56	3.72	3.74	3.67	2.56	ppb
Titanium	47-1	1088.02	1128.06	1127.43	1114.50	2.06	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06RE	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:58:31	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.21	1.26	1.29	1.25	3.03	ppb
Vanadium	51-2	226.00	219.78	222.10	222.63	1.41	ppb
Yttrium	89-1				127		%
Yttrium	89-2				122		%
Zinc	66-2	412.85	403.65	400.54	405.68	1.58	ppb
Zirconium	90-1	21.36	21.99	22.11	21.82	1.85	ppb
Zirconium	91-1	21.22	22.15	22.04	21.80	2.34	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-07	Instrumnet Name :	P7
Client Sample ID :	MYE4W5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:01:30	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44075.96	43686.31	44592.63	44118.30	1.03	ppb
Antimony	121-1	3.36	3.31	3.31	3.33	0.88	ppb
Arsenic	75-2	196.30	194.71	194.68	195.23	0.47	ppb
Barium	135-1	657.22	651.04	628.73	645.66	2.32	ppb
Barium	137-1	650.16	645.61	630.17	641.98	1.63	ppb
Beryllium	9-1	1.77	1.75	1.75	1.76	0.50	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.08	5.27	5.21	5.18	1.88	ppb
Cadmium	106-1	6.28	6.14	5.17	5.86	10.36	ppb
Cadmium	111-1	5.13	4.99	4.97	5.03	1.69	ppb
Calcium	43-1	11879.46	11996.94	11868.66	11915.02	0.60	ppb
Calcium	44-1	11148.37	11081.11	11254.61	11161.36	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.99	106.55	106.82	107.45	1.25	ppb
Cobalt	59-2	71.26	70.16	72.26	71.23	1.47	ppb
Copper	63-2	562.23	555.09	559.64	558.98	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				108		%
Indium	115-1				115		%
Indium	115-2				108		%
Iron	56-2	115842.09	116970.49	116329.63	116380.73	0.49	ppb
Iron	57-2	116324.09	116561.88	118655.49	117180.49	1.09	ppb
Iron	54-2	117797.87	118100.94	119118.54	118339.12	0.58	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-07	Instrumnet Name :	P7
Client Sample ID :	MYE4W5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:01:30	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	174.08	172.55	171.05	172.56	0.88	ppb
Lead	207-1	177.66	178.62	173.97	176.75	1.39	ppb
Lead	208-1	175.27	174.75	173.62	174.55	0.49	ppb
Lithium	6-1				79		%
Magnesium	24-2	27101.93	26787.52	26983.13	26957.52	0.59	ppb
Manganese	55-2	2566.81	2589.05	2579.67	2578.51	0.43	ppb
Molybdenum	94-1	41.41	41.14	41.37	41.31	0.35	ppb
Molybdenum	95-1	1.30	1.29	1.30	1.30	0.69	ppb
Molybdenum	96-1	6.18	6.16	6.28	6.21	1.04	ppb
Molybdenum	97-1	1.29	1.29	1.29	1.29	0.28	ppb
Molybdenum	98-1	1.25	1.23	1.27	1.25	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.61	132.74	134.98	134.11	0.90	ppb
Phosphorus	31-2	2899.15	2955.47	2958.51	2937.71	1.14	ppb
Potassium	39-2	6344.24	6306.24	6454.15	6368.21	1.21	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				113		%
Scandium	45-2				120		%
Selenium	82-1	0.86	0.85	1.35	1.02	27.89	ppb
Selenium	77-2	20.55	20.53	19.29	20.12	3.59	ppb
Selenium	78-2	5.45	4.72	5.66	5.28	9.37	ppb
Silicon	28-1	1519.97	1524.29	1513.62	1519.29	0.35	ppb
Silver	107-1	1.34	1.31	1.28	1.31	2.32	ppb
Silver	109-1	1.30	1.27	1.28	1.29	1.07	ppb
Sodium	23-2	170.00	171.15	175.14	172.10	1.57	ppb
Strontium	86-1	113.74	113.28	114.00	113.67	0.32	ppb
Strontium	88-1	115.06	115.37	113.19	114.54	1.03	ppb
Sulfur	34-1	-884.69	-864.81	-854.75	-868.08		ppb
Terbium	159-1				120		%
Terbium	159-2				108		%
Thallium	203-1	0.63	0.63	0.65	0.64	1.70	ppb
Thallium	205-1	0.62	0.62	0.62	0.62	0.30	ppb
Tin	118-1	3.85	3.84	3.74	3.81	1.60	ppb
Titanium	47-1	1139.68	1160.60	1147.47	1149.25	0.92	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-07	Instrumnet Name :	P7
Client Sample ID :	MYE4W5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:01:30	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.32	1.31	1.34	1.32	1.29	ppb
Vanadium	51-2	230.23	229.21	232.73	230.72	0.78	ppb
Yttrium	89-1				124		%
Yttrium	89-2				119		%
Zinc	66-2	422.13	419.52	430.07	423.91	1.30	ppb
Zirconium	90-1	22.59	22.64	22.83	22.68	0.55	ppb
Zirconium	91-1	22.84	22.55	22.92	22.77	0.87	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4W5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 01:04:26	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8454.90	8617.50	8625.43	8565.94	1.12	ppb
Antimony	121-1	0.62	0.63	0.63	0.63	1.35	ppb
Arsenic	75-2	39.88	39.64	39.71	39.74	0.31	ppb
Barium	135-1	117.36	120.07	118.49	118.64	1.15	ppb
Barium	137-1	117.48	120.43	119.82	119.25	1.31	ppb
Beryllium	9-1	0.35	0.28	0.31	0.32	10.96	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.92	1.07	1.13	1.04	10.10	ppb
Cadmium	106-1	-0.18	0.58	-0.97	-0.19		ppb
Cadmium	111-1	0.93	0.97	0.93	0.95	2.20	ppb
Calcium	43-1	2285.52	2300.85	2300.93	2295.77	0.39	ppb
Calcium	44-1	2132.04	2204.97	2160.34	2165.78	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.08	20.60	20.39	20.36	1.30	ppb
Cobalt	59-2	13.82	14.08	13.92	13.94	0.94	ppb
Copper	63-2	109.15	111.43	109.52	110.03	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				109		%
Indium	115-1				118		%
Indium	115-2				110		%
Iron	56-2	22521.67	22844.14	22654.89	22673.57	0.71	ppb
Iron	57-2	22304.60	22758.81	22721.78	22595.06	1.12	ppb
Iron	54-2	22568.24	23128.18	22887.74	22861.39	1.23	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4W5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 01:04:26	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.81	33.65	33.12	33.19	1.28	ppb
Lead	207-1	32.74	33.93	33.26	33.31	1.79	ppb
Lead	208-1	32.48	33.39	32.96	32.94	1.37	ppb
Lithium	6-1				84		%
Magnesium	24-2	5090.60	5206.15	5208.60	5168.45	1.30	ppb
Manganese	55-2	485.65	496.98	492.99	491.87	1.17	ppb
Molybdenum	94-1	7.91	8.06	8.09	8.02	1.18	ppb
Molybdenum	95-1	0.25	0.25	0.26	0.25	3.32	ppb
Molybdenum	96-1	1.22	1.21	1.19	1.21	1.24	ppb
Molybdenum	97-1	0.24	0.25	0.25	0.25	2.60	ppb
Molybdenum	98-1	0.23	0.25	0.26	0.25	5.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.91	26.45	26.11	26.15	1.05	ppb
Phosphorus	31-2	560.68	558.22	557.79	558.90	0.28	ppb
Potassium	39-2	1219.88	1245.38	1254.14	1239.80	1.44	ppb
Rhodium	103-1				117		%
Rhodium	103-2				113		%
Scandium	45-1				110		%
Scandium	45-2				115		%
Selenium	82-1	-0.19	-0.04	-0.23	-0.15		ppb
Selenium	77-2	3.75	4.12	4.55	4.14	9.68	ppb
Selenium	78-2	1.59	1.10	1.11	1.27	21.92	ppb
Silicon	28-1	307.33	310.07	310.68	309.36	0.58	ppb
Silver	107-1	0.23	0.25	0.25	0.24	3.15	ppb
Silver	109-1	0.23	0.25	0.24	0.24	4.55	ppb
Sodium	23-2	55.10	56.38	55.90	55.79	1.16	ppb
Strontium	86-1	21.87	22.10	22.65	22.20	1.81	ppb
Strontium	88-1	22.49	22.63	22.84	22.65	0.78	ppb
Sulfur	34-1	-1145.54	-1124.72	-1146.15	-1138.80		ppb
Terbium	159-1				120		%
Terbium	159-2				108		%
Thallium	203-1	0.15	0.14	0.15	0.15	1.98	ppb
Thallium	205-1	0.14	0.14	0.13	0.14	3.12	ppb
Tin	118-1	0.74	0.74	0.72	0.73	2.06	ppb
Titanium	47-1	220.60	226.46	224.32	223.79	1.32	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4W5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 01:04:26	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.25	0.25	1.79	ppb
Vanadium	51-2	43.33	44.52	44.06	43.97	1.37	ppb
Yttrium	89-1				119		%
Yttrium	89-2				114		%
Zinc	66-2	84.82	85.99	84.75	85.19	0.82	ppb
Zirconium	90-1	4.38	4.41	4.51	4.43	1.55	ppb
Zirconium	91-1	4.45	4.48	4.54	4.49	0.99	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-08	Instrumnet Name :	P7
Client Sample ID :	MYE4W5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:07:33	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43829.38	44240.94	43652.07	43907.46	0.69	ppb
Antimony	121-1	59.83	60.19	60.60	60.21	0.64	ppb
Arsenic	75-2	214.15	217.22	217.41	216.26	0.85	ppb
Barium	135-1	1763.24	1764.87	1723.91	1750.67	1.32	ppb
Barium	137-1	1740.01	1782.72	1743.06	1755.26	1.36	ppb
Beryllium	9-1	30.62	30.91	30.55	30.69	0.63	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.17	31.47	31.07	31.24	0.65	ppb
Cadmium	106-1	30.78	31.31	30.60	30.90	1.19	ppb
Cadmium	111-1	33.08	33.79	33.39	33.42	1.07	ppb
Calcium	43-1	11389.73	11606.27	11692.10	11562.70	1.35	ppb
Calcium	44-1	10918.24	10984.72	11260.62	11054.53	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	215.61	214.05	214.81	214.82	0.36	ppb
Cobalt	59-2	344.54	347.97	345.08	345.86	0.53	ppb
Copper	63-2	667.82	671.50	674.70	671.34	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				106		%
Iron	56-2	113520.79	114679.82	112105.51	113435.37	1.14	ppb
Iron	57-2	114165.19	113889.34	113654.37	113902.97	0.22	ppb
Iron	54-2	114874.93	115382.51	115179.60	115145.68	0.22	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-08	Instrumnet Name :	P7
Client Sample ID :	MYE4W5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:07:33	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	176.91	177.02	177.94	177.29	0.32	ppb
Lead	207-1	182.53	177.08	181.90	180.50	1.65	ppb
Lead	208-1	179.68	176.50	178.61	178.26	0.91	ppb
Lithium	6-1				79		%
Magnesium	24-2	25756.29	26079.00	25968.29	25934.52	0.63	ppb
Manganese	55-2	2746.30	2710.12	2714.96	2723.79	0.72	ppb
Molybdenum	94-1	39.72	40.17	40.24	40.05	0.70	ppb
Molybdenum	95-1	1.24	1.25	1.27	1.25	0.98	ppb
Molybdenum	96-1	5.99	6.06	6.13	6.06	1.13	ppb
Molybdenum	97-1	1.24	1.23	1.26	1.24	1.40	ppb
Molybdenum	98-1	1.24	1.24	1.27	1.25	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	406.27	417.72	413.58	412.52	1.41	ppb
Phosphorus	31-2	2812.41	2849.54	2816.76	2826.24	0.72	ppb
Potassium	39-2	6100.60	6133.72	6112.59	6115.64	0.27	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				119		%
Selenium	82-1	63.82	64.30	64.63	64.25	0.64	ppb
Selenium	77-2	79.60	84.12	85.13	82.95	3.55	ppb
Selenium	78-2	65.97	68.95	66.85	67.26	2.28	ppb
Silicon	28-1	1566.28	1584.68	1560.49	1570.49	0.80	ppb
Silver	107-1	25.79	25.81	25.69	25.76	0.26	ppb
Silver	109-1	25.42	25.84	25.56	25.61	0.84	ppb
Sodium	23-2	162.38	163.27	164.72	163.46	0.72	ppb
Strontium	86-1	109.15	110.07	111.71	110.31	1.17	ppb
Strontium	88-1	111.50	112.21	111.59	111.77	0.34	ppb
Sulfur	34-1	-868.71	-845.07	-797.18	-836.99		ppb
Terbium	159-1				118		%
Terbium	159-2				108		%
Thallium	203-1	29.00	28.72	29.46	29.06	1.30	ppb
Thallium	205-1	28.30	28.27	28.83	28.46	1.11	ppb
Tin	118-1	3.71	3.79	3.69	3.73	1.48	ppb
Titanium	47-1	1124.99	1124.33	1161.48	1136.93	1.87	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-08	Instrumnet Name :	P7
Client Sample ID :	MYE4W5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:07:33	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.27	1.28	1.31	1.29	1.49	ppb
Vanadium	51-2	490.61	491.54	498.30	493.48	0.85	ppb
Yttrium	89-1				124		%
Yttrium	89-2				118		%
Zinc	66-2	689.65	691.91	688.23	689.93	0.27	ppb
Zirconium	90-1	21.91	22.00	22.21	22.04	0.70	ppb
Zirconium	91-1	22.09	22.27	22.50	22.29	0.92	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06MS	Instrumnet Name :	P7
Client Sample ID :	MYE4W5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:10:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48462.46	46989.11	47594.38	47681.98	1.55	ppb
Antimony	121-1	288.22	294.89	290.61	291.24	1.16	ppb
Arsenic	75-2	302.53	301.04	295.39	299.65	1.26	ppb
Barium	135-1	6356.38	6370.32	6296.09	6340.93	0.62	ppb
Barium	137-1	6419.86	6432.54	6359.37	6403.93	0.61	ppb
Beryllium	9-1	152.89	155.05	149.84	152.59	1.72	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.68	134.92	137.38	135.99	0.93	ppb
Cadmium	106-1	133.13	134.59	133.95	133.89	0.55	ppb
Cadmium	111-1	148.99	151.09	150.00	150.02	0.70	ppb
Calcium	43-1	11361.32	11323.35	11535.30	11406.66	0.99	ppb
Calcium	44-1	11208.11	11040.31	11139.35	11129.26	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	688.45	681.09	685.47	685.00	0.54	ppb
Cobalt	59-2	1529.74	1497.93	1528.08	1518.58	1.18	ppb
Copper	63-2	1240.27	1199.55	1223.10	1220.97	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	56-2	115093.52	113760.76	115359.81	114738.03	0.75	ppb
Iron	57-2	115213.78	112763.01	114376.80	114117.86	1.09	ppb
Iron	54-2	117150.98	115053.56	117150.38	116451.64	1.04	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06MS	Instrumnet Name :	P7
Client Sample ID :	MYE4W5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:10:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	226.25	218.30	222.16	222.24	1.79	ppb
Lead	207-1	227.14	221.70	221.77	223.54	1.40	ppb
Lead	208-1	224.54	220.95	221.40	222.29	0.88	ppb
Lithium	6-1				78		%
Magnesium	24-2	25920.99	25115.59	25782.11	25606.23	1.68	ppb
Manganese	55-2	3835.88	3793.91	3855.69	3828.49	0.82	ppb
Molybdenum	94-1	39.86	40.11	40.10	40.02	0.35	ppb
Molybdenum	95-1	1.31	1.27	1.29	1.29	1.55	ppb
Molybdenum	96-1	6.01	6.07	6.06	6.05	0.53	ppb
Molybdenum	97-1	1.26	1.26	1.26	1.26	0.21	ppb
Molybdenum	98-1	1.28	1.28	1.27	1.28	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1597.47	1558.07	1587.64	1581.06	1.30	ppb
Phosphorus	31-2	2851.54	2705.34	2779.43	2778.77	2.63	ppb
Potassium	39-2	6113.68	5960.81	6015.87	6030.12	1.28	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				116		%
Selenium	82-1	308.03	313.41	309.24	310.23	0.91	ppb
Selenium	77-2	318.15	329.49	315.01	320.88	2.37	ppb
Selenium	78-2	314.90	314.18	301.08	310.06	2.51	ppb
Silicon	28-1	1542.43	1538.36	1527.72	1536.17	0.49	ppb
Silver	107-1	123.66	124.80	124.32	124.26	0.46	ppb
Silver	109-1	126.08	124.69	123.47	124.74	1.05	ppb
Sodium	23-2	165.61	162.21	164.93	164.25	1.09	ppb
Strontium	86-1	109.44	109.99	109.60	109.68	0.26	ppb
Strontium	88-1	109.24	109.45	108.49	109.06	0.46	ppb
Sulfur	34-1	-878.50	-896.21	-871.61	-882.10		ppb
Terbium	159-1				118		%
Terbium	159-2				107		%
Thallium	203-1	144.85	140.75	139.60	141.74	1.95	ppb
Thallium	205-1	144.41	140.77	138.12	141.10	2.24	ppb
Tin	118-1	3.85	3.86	3.74	3.82	1.75	ppb
Titanium	47-1	1121.00	1116.89	1132.65	1123.51	0.73	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06MS	Instrumnet Name :	P7
Client Sample ID :	MYE4W5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:10:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.28	1.23	1.27	1.26	1.77	ppb
Vanadium	51-2	1655.79	1627.08	1639.88	1640.92	0.88	ppb
Yttrium	89-1				121		%
Yttrium	89-2				116		%
Zinc	66-2	1866.03	1814.45	1848.24	1842.91	1.42	ppb
Zirconium	90-1	21.88	22.07	21.76	21.90	0.70	ppb
Zirconium	91-1	21.93	22.23	22.08	22.08	0.68	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-09	Instrumnet Name :	P7
Client Sample ID :	MYE4W6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:13:17	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42126.79	45179.53	43969.56	43758.63	3.51	ppb
Antimony	121-1	3.51	3.47	3.47	3.48	0.62	ppb
Arsenic	75-2	202.34	228.84	212.21	214.46	6.24	ppb
Barium	135-1	644.23	630.64	638.57	637.82	1.07	ppb
Barium	137-1	637.71	636.22	629.83	634.59	0.66	ppb
Beryllium	9-1	1.92	1.90	1.86	1.89	1.56	ppb
Bismuth	209-1				112		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.03	3.74	3.89	3.89	3.78	ppb
Cadmium	106-1	4.04	3.25	3.35	3.55	12.17	ppb
Cadmium	111-1	3.71	3.65	3.67	3.68	0.87	ppb
Calcium	43-1	8322.50	8212.64	8270.80	8268.65	0.66	ppb
Calcium	44-1	7785.52	7690.98	7715.55	7730.68	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112.49	122.92	115.72	117.04	4.56	ppb
Cobalt	59-2	74.05	80.62	77.64	77.44	4.24	ppb
Copper	63-2	332.60	357.40	343.48	344.49	3.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				103		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	56-2	129495.57	137045.02	135578.66	134039.75	2.99	ppb
Iron	57-2	128920.31	139285.34	133463.16	133889.60	3.88	ppb
Iron	54-2	129733.69	139586.71	135949.38	135089.93	3.69	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-09	Instrumnet Name :	P7
Client Sample ID :	MYE4W6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:13:17	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	120.74	119.43	120.95	120.37	0.68	ppb
Lead	207-1	119.84	118.79	120.94	119.86	0.90	ppb
Lead	208-1	121.13	118.90	120.73	120.25	0.99	ppb
Lithium	6-1				76		%
Magnesium	24-2	25130.43	26939.71	26323.40	26131.18	3.52	ppb
Manganese	55-2	2547.15	2743.41	2688.11	2659.56	3.80	ppb
Molybdenum	94-1	33.61	33.47	33.69	33.59	0.33	ppb
Molybdenum	95-1	1.56	1.56	1.59	1.57	1.03	ppb
Molybdenum	96-1	5.77	5.71	5.84	5.77	1.15	ppb
Molybdenum	97-1	1.57	1.53	1.58	1.56	1.67	ppb
Molybdenum	98-1	1.52	1.55	1.54	1.54	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.10	139.68	136.73	135.84	3.21	ppb
Phosphorus	31-2	2460.03	2648.92	2623.29	2577.41	3.98	ppb
Potassium	39-2	7275.59	8088.25	7706.54	7690.13	5.29	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	0.75	0.85	0.83	0.81	6.38	ppb
Selenium	77-2	19.00	22.05	22.06	21.04	8.37	ppb
Selenium	78-2	4.87	5.74	4.27	4.96	14.92	ppb
Silicon	28-1	1462.57	1466.54	1459.66	1462.93	0.24	ppb
Silver	107-1	0.85	0.83	0.84	0.84	1.00	ppb
Silver	109-1	0.83	0.81	0.81	0.82	1.41	ppb
Sodium	23-2	172.80	188.32	185.50	182.21	4.54	ppb
Strontium	86-1	98.03	97.86	97.66	97.85	0.19	ppb
Strontium	88-1	99.44	98.40	98.37	98.73	0.62	ppb
Sulfur	34-1	-979.37	-1007.43	-999.09	-995.30		ppb
Terbium	159-1				118		%
Terbium	159-2				103		%
Thallium	203-1	0.69	0.68	0.68	0.69	0.78	ppb
Thallium	205-1	0.68	0.66	0.67	0.67	1.59	ppb
Tin	118-1	3.46	3.39	3.46	3.44	1.17	ppb
Titanium	47-1	1147.16	1152.26	1152.63	1150.69	0.27	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-09	Instrumnet Name :	P7
Client Sample ID :	MYE4W6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:13:17	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.47	1.47	1.46	1.47	0.66	ppb
Vanadium	51-2	265.14	288.61	276.39	276.71	4.24	ppb
Yttrium	89-1				121		%
Yttrium	89-2				113		%
Zinc	66-2	396.71	428.79	414.19	413.23	3.89	ppb
Zirconium	90-1	18.11	18.16	18.23	18.17	0.34	ppb
Zirconium	91-1	18.28	18.41	18.43	18.37	0.45	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-10	Instrumnet Name :	P7
Client Sample ID :	MYE4W7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:16:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38058.16	38083.81	39094.54	38412.17	1.54	ppb
Antimony	121-1	3.67	3.74	3.77	3.73	1.36	ppb
Arsenic	75-2	160.96	158.23	153.18	157.46	2.51	ppb
Barium	135-1	500.33	505.79	508.56	504.89	0.83	ppb
Barium	137-1	494.59	506.72	504.27	501.86	1.28	ppb
Beryllium	9-1	1.49	1.64	1.53	1.55	4.92	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.07	4.06	3.84	3.99	3.19	ppb
Cadmium	106-1	3.49	3.15	2.44	3.03	17.66	ppb
Cadmium	111-1	3.58	3.58	3.59	3.58	0.21	ppb
Calcium	43-1	7806.97	7837.45	7812.78	7819.07	0.21	ppb
Calcium	44-1	7252.55	7328.15	7412.24	7330.98	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109.06	109.26	107.48	108.60	0.90	ppb
Cobalt	59-2	61.81	60.96	61.97	61.58	0.88	ppb
Copper	63-2	350.26	347.85	361.03	353.05	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				106		%
Iron	56-2	117325.24	116409.62	118636.62	117457.16	0.95	ppb
Iron	57-2	117100.61	116703.46	118727.81	117510.62	0.91	ppb
Iron	54-2	118527.17	116945.55	118589.23	118020.65	0.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-10	Instrumnet Name :	P7
Client Sample ID :	MYE4W7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:16:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	122.69	122.98	123.34	123.01	0.26	ppb
Lead	207-1	123.07	125.63	125.26	124.65	1.11	ppb
Lead	208-1	121.20	124.06	122.86	122.70	1.17	ppb
Lithium	6-1				76		%
Magnesium	24-2	23428.66	23143.07	23803.55	23458.43	1.41	ppb
Manganese	55-2	2127.59	2111.80	2133.07	2124.15	0.52	ppb
Molybdenum	94-1	27.36	27.72	27.64	27.57	0.69	ppb
Molybdenum	95-1	1.36	1.42	1.40	1.39	1.99	ppb
Molybdenum	96-1	4.86	4.90	4.90	4.89	0.45	ppb
Molybdenum	97-1	1.38	1.41	1.39	1.39	1.20	ppb
Molybdenum	98-1	1.33	1.41	1.40	1.38	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.85	113.89	114.90	114.88	0.85	ppb
Phosphorus	31-2	2321.06	2306.88	2385.34	2337.76	1.79	ppb
Potassium	39-2	6325.53	6369.12	6494.06	6396.24	1.37	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				115		%
Selenium	82-1	0.78	0.71	0.70	0.73	5.96	ppb
Selenium	77-2	19.61	19.90	18.91	19.47	2.60	ppb
Selenium	78-2	4.77	4.28	4.66	4.57	5.67	ppb
Silicon	28-1	1502.37	1526.09	1501.96	1510.14	0.91	ppb
Silver	107-1	0.72	0.72	0.72	0.72	0.30	ppb
Silver	109-1	0.71	0.71	0.73	0.72	1.72	ppb
Sodium	23-2	152.62	151.72	152.88	152.41	0.40	ppb
Strontium	86-1	86.43	86.38	87.67	86.83	0.84	ppb
Strontium	88-1	85.62	87.25	87.80	86.89	1.30	ppb
Sulfur	34-1	-1030.11	-1030.52	-1020.00	-1026.88		ppb
Terbium	159-1				119		%
Terbium	159-2				108		%
Thallium	203-1	0.52	0.52	0.51	0.52	0.80	ppb
Thallium	205-1	0.51	0.52	0.52	0.52	0.98	ppb
Tin	118-1	3.22	3.30	3.34	3.29	1.81	ppb
Titanium	47-1	1056.69	1077.18	1072.36	1068.74	1.00	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-10	Instrumnet Name :	P7
Client Sample ID :	MYE4W7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:16:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.25	1.26	1.25	1.50	ppb
Vanadium	51-2	231.75	230.86	232.46	231.69	0.35	ppb
Yttrium	89-1				122		%
Yttrium	89-2				116		%
Zinc	66-2	389.39	388.57	397.08	391.68	1.20	ppb
Zirconium	90-1	14.84	14.92	15.00	14.92	0.52	ppb
Zirconium	91-1	14.82	15.13	15.02	14.99	1.04	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-11	Instrumnet Name :	P7
Client Sample ID :	MYE4Y0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:19:14	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36900.18	36938.33	36929.58	36922.70	0.05	ppb
Antimony	121-1	3.46	3.73	3.78	3.66	4.75	ppb
Arsenic	75-2	182.67	179.46	182.74	181.62	1.03	ppb
Barium	135-1	647.69	702.44	702.31	684.14	4.61	ppb
Barium	137-1	650.78	703.05	709.26	687.70	4.67	ppb
Beryllium	9-1	1.54	1.62	1.41	1.52	6.97	ppb
Bismuth	209-1				119		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.18	3.39	3.64	3.40	6.70	ppb
Cadmium	106-1	2.61	2.59	2.75	2.65	3.33	ppb
Cadmium	111-1	2.98	3.20	3.30	3.16	5.20	ppb
Calcium	43-1	6734.80	7210.40	7170.15	7038.45	3.75	ppb
Calcium	44-1	6300.74	6730.53	6776.70	6602.66	3.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.80	100.82	100.14	100.25	0.52	ppb
Cobalt	59-2	64.91	65.15	65.47	65.18	0.43	ppb
Copper	63-2	351.04	346.09	351.93	349.68	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				109		%
Indium	115-1				117		%
Indium	115-2				107		%
Iron	56-2	113866.41	114788.98	113937.85	114197.75	0.45	ppb
Iron	57-2	114594.53	114724.11	113804.11	114374.25	0.44	ppb
Iron	54-2	114825.07	116179.94	115663.34	115556.12	0.59	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-11	Instrumnet Name :	P7
Client Sample ID :	MYE4Y0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:19:14	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	93.74	99.16	99.17	97.36	3.22	ppb
Lead	207-1	95.71	101.48	104.69	100.62	4.52	ppb
Lead	208-1	93.28	99.54	101.75	98.19	4.47	ppb
Lithium	6-1				79		%
Magnesium	24-2	20624.60	20560.30	20616.23	20600.37	0.17	ppb
Manganese	55-2	3472.31	3555.94	3496.99	3508.41	1.22	ppb
Molybdenum	94-1	24.01	25.54	25.80	25.12	3.86	ppb
Molybdenum	95-1	1.40	1.49	1.51	1.47	4.02	ppb
Molybdenum	96-1	4.47	4.74	4.81	4.67	3.90	ppb
Molybdenum	97-1	1.41	1.50	1.52	1.48	3.76	ppb
Molybdenum	98-1	1.36	1.43	1.46	1.42	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.37	107.42	109.68	108.49	1.04	ppb
Phosphorus	31-2	1887.04	1922.38	1898.56	1902.66	0.95	ppb
Potassium	39-2	7135.74	7218.73	7147.84	7167.44	0.63	ppb
Rhodium	103-1				115		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				115		%
Selenium	82-1	0.73	0.84	0.58	0.72	18.66	ppb
Selenium	77-2	15.89	19.05	17.83	17.59	9.05	ppb
Selenium	78-2	4.17	4.33	4.35	4.28	2.29	ppb
Silicon	28-1	1404.15	1474.98	1502.70	1460.61	3.48	ppb
Silver	107-1	0.68	0.73	0.73	0.71	4.31	ppb
Silver	109-1	0.68	0.73	0.74	0.72	4.67	ppb
Sodium	23-2	144.18	146.87	146.52	145.86	1.00	ppb
Strontium	86-1	87.88	94.21	94.68	92.26	4.12	ppb
Strontium	88-1	88.40	93.61	94.56	92.19	3.60	ppb
Sulfur	34-1	-1208.23	-1077.69	-1083.57	-1123.16		ppb
Terbium	159-1				123		%
Terbium	159-2				108		%
Thallium	203-1	0.56	0.58	0.59	0.58	2.55	ppb
Thallium	205-1	0.56	0.59	0.59	0.58	2.87	ppb
Tin	118-1	2.51	2.77	2.78	2.69	5.62	ppb
Titanium	47-1	1009.91	1076.35	1083.76	1056.67	3.85	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-11	Instrumnet Name :	P7
Client Sample ID :	MYE4Y0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:19:14	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.25	1.29	1.23	6.33	ppb
Vanadium	51-2	246.80	246.65	245.75	246.40	0.23	ppb
Yttrium	89-1				125		%
Yttrium	89-2				116		%
Zinc	66-2	327.40	323.01	325.36	325.26	0.68	ppb
Zirconium	90-1	12.91	13.81	13.92	13.55	4.10	ppb
Zirconium	91-1	12.90	13.86	14.15	13.64	4.78	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-12	Instrumnet Name :	P7
Client Sample ID :	MYE4Y1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:22:14	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40888.72	39506.07	40319.89	40238.23	1.73	ppb
Antimony	121-1	3.11	3.28	3.38	3.26	4.17	ppb
Arsenic	75-2	210.75	211.98	209.27	210.66	0.64	ppb
Barium	135-1	507.04	534.44	555.13	532.20	4.53	ppb
Barium	137-1	511.59	538.06	552.84	534.17	3.91	ppb
Beryllium	9-1	2.02	1.94	1.98	1.98	2.05	ppb
Bismuth	209-1				120		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.74	4.68	5.08	4.83	4.45	ppb
Cadmium	106-1	4.19	4.27	4.23	4.23	0.85	ppb
Cadmium	111-1	4.47	4.67	4.84	4.66	3.88	ppb
Calcium	43-1	6163.13	6341.27	6496.03	6333.47	2.63	ppb
Calcium	44-1	5857.30	6002.22	6196.02	6018.51	2.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.76	115.62	116.29	118.22	3.33	ppb
Cobalt	59-2	74.92	72.25	74.62	73.93	1.98	ppb
Copper	63-2	536.12	522.90	529.40	529.48	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				109		%
Indium	115-1				118		%
Indium	115-2				106		%
Iron	56-2	148389.34	141458.22	143293.03	144380.19	2.49	ppb
Iron	57-2	146702.77	142672.38	145473.67	144949.61	1.43	ppb
Iron	54-2	147237.33	140796.60	144232.66	144088.86	2.24	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-12	Instrumnet Name :	P7
Client Sample ID :	MYE4Y1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:22:14	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	147.00	157.98	161.17	155.38	4.79	ppb
Lead	207-1	152.70	157.29	164.85	158.28	3.88	ppb
Lead	208-1	149.55	155.38	161.34	155.42	3.79	ppb
Lithium	6-1				81		%
Magnesium	24-2	22337.94	21598.46	21897.64	21944.68	1.70	ppb
Manganese	55-2	3616.30	3481.85	3513.69	3537.28	1.99	ppb
Molybdenum	94-1	26.78	28.31	28.80	27.96	3.76	ppb
Molybdenum	95-1	1.46	1.57	1.61	1.55	5.09	ppb
Molybdenum	96-1	4.92	5.20	5.40	5.17	4.64	ppb
Molybdenum	97-1	1.48	1.49	1.61	1.52	4.61	ppb
Molybdenum	98-1	1.47	1.50	1.53	1.50	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.27	119.19	121.28	121.25	1.68	ppb
Phosphorus	31-2	2252.44	2179.21	2221.31	2217.65	1.66	ppb
Potassium	39-2	9092.58	8935.26	9114.34	9047.40	1.08	ppb
Rhodium	103-1				115		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				115		%
Selenium	82-1	0.76	0.73	0.90	0.80	10.94	ppb
Selenium	77-2	20.07	22.47	19.82	20.79	7.05	ppb
Selenium	78-2	4.05	4.48	4.73	4.42	7.71	ppb
Silicon	28-1	1509.43	1535.58	1564.62	1536.55	1.80	ppb
Silver	107-1	1.12	1.16	1.19	1.16	2.87	ppb
Silver	109-1	1.11	1.16	1.19	1.15	3.61	ppb
Sodium	23-2	169.25	162.36	167.43	166.35	2.14	ppb
Strontium	86-1	60.55	63.04	64.98	62.85	3.53	ppb
Strontium	88-1	60.63	63.73	65.15	63.17	3.66	ppb
Sulfur	34-1	-1201.30	-1199.63	-1135.30	-1178.74		ppb
Terbium	159-1				125		%
Terbium	159-2				109		%
Thallium	203-1	0.71	0.74	0.76	0.74	3.22	ppb
Thallium	205-1	0.70	0.74	0.78	0.74	4.78	ppb
Tin	118-1	3.17	3.21	3.37	3.25	3.34	ppb
Titanium	47-1	1315.46	1345.58	1392.26	1351.10	2.86	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-12	Instrumnet Name :	P7
Client Sample ID :	MYE4Y1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:22:14	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.55	1.59	1.66	1.60	3.36	ppb
Vanadium	51-2	297.62	287.04	294.41	293.02	1.85	ppb
Yttrium	89-1				126		%
Yttrium	89-2				117		%
Zinc	66-2	457.18	442.52	453.74	451.15	1.70	ppb
Zirconium	90-1	14.40	15.11	15.54	15.01	3.85	ppb
Zirconium	91-1	14.49	15.03	15.84	15.12	4.51	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03A	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:25:13	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55672.37	54654.28	54726.99	55017.88	1.03	ppb
Antimony	121-1	2.21	2.23	2.20	2.21	0.64	ppb
Arsenic	75-2	1232.89	1234.65	1226.94	1231.49	0.33	ppb
Barium	135-1	602.83	611.54	599.73	604.70	1.01	ppb
Barium	137-1	604.38	608.88	597.68	603.65	0.93	ppb
Beryllium	9-1	1.68	1.73	1.76	1.72	2.45	ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.76	1.80	1.71	1.76	2.53	ppb
Cadmium	106-1	1.82	2.48	1.02	1.77	41.17	ppb
Cadmium	111-1	0.94	0.97	0.90	0.94	4.04	ppb
Calcium	43-1	74282.29	75336.53	74954.45	74857.76	0.71	ppb
Calcium	44-1	73810.07	73369.74	72895.01	73358.27	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	626.26	630.40	630.74	629.13	0.40	ppb
Cobalt	59-2	152.29	148.46	149.66	150.14	1.31	ppb
Copper	63-2	232.68	234.90	237.28	234.95	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	170199.57	166749.16	167527.27	168158.67	1.08	ppb
Iron	57-2	171044.00	168623.59	168659.30	169442.30	0.82	ppb
Iron	54-2	171878.77	169299.91	169923.48	170367.39	0.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03A	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:25:13	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.73	19.71	19.86	19.77	0.40	ppb
Lead	207-1	18.96	18.85	18.73	18.85	0.60	ppb
Lead	208-1	19.02	19.08	19.18	19.09	0.42	ppb
Lithium	6-1				75		%
Magnesium	24-2	45603.50	45059.65	45517.71	45393.62	0.64	ppb
Manganese	55-2	5561.94	5440.31	5504.10	5502.12	1.11	ppb
Molybdenum	94-1	24.46	25.08	25.47	25.00	2.05	ppb
Molybdenum	95-1	2.13	2.14	2.15	2.14	0.52	ppb
Molybdenum	96-1	5.62	5.80	5.62	5.68	1.85	ppb
Molybdenum	97-1	2.08	2.06	2.10	2.08	1.03	ppb
Molybdenum	98-1	2.04	2.12	2.11	2.09	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	415.84	408.89	413.78	412.84	0.86	ppb
Phosphorus	31-2	1595.58	1576.35	1572.86	1581.60	0.77	ppb
Potassium	39-2	3917.90	3811.02	3848.24	3859.05	1.41	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				115		%
Selenium	82-1	0.57	0.44	0.50	0.50	12.25	ppb
Selenium	77-2	16.65	17.92	18.19	17.59	4.67	ppb
Selenium	78-2	3.73	4.77	3.55	4.02	16.36	ppb
Silicon	28-1	1887.79	1929.23	1990.22	1935.75	2.66	ppb
Silver	107-1	0.10	0.11	0.10	0.10	7.28	ppb
Silver	109-1	0.09	0.09	0.08	0.09	3.08	ppb
Sodium	23-2	214.02	210.13	217.56	213.90	1.74	ppb
Strontium	86-1	123.79	124.11	124.97	124.29	0.49	ppb
Strontium	88-1	125.19	124.17	124.11	124.49	0.49	ppb
Sulfur	34-1	-797.99	-827.09	-833.85	-819.65		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.36	0.33	0.34	0.34	4.49	ppb
Thallium	205-1	0.34	0.34	0.33	0.34	1.30	ppb
Tin	118-1	1.97	1.96	1.96	1.96	0.32	ppb
Titanium	47-1	1870.51	1877.79	1881.53	1876.61	0.30	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03A	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:25:13	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.27	1.30	1.28	1.79	ppb
Vanadium	51-2	372.90	374.14	371.14	372.73	0.40	ppb
Yttrium	89-1				117		%
Yttrium	89-2				113		%
Zinc	66-2	215.93	213.72	215.00	214.89	0.52	ppb
Zirconium	90-1	12.88	13.49	12.86	13.07	2.74	ppb
Zirconium	91-1	13.15	13.15	13.21	13.17	0.26	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03ADL2X4	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 01:28:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15446.49	15184.45	14790.34	15140.42	2.18	ppb
Antimony	121-1	0.53	0.58	0.58	0.56	4.69	ppb
Arsenic	75-2	107.94	105.56	104.40	105.97	1.70	ppb
Barium	135-1	146.39	154.51	155.97	152.29	3.39	ppb
Barium	137-1	146.67	156.32	157.23	153.41	3.81	ppb
Beryllium	9-1	0.37	0.41	0.49	0.42	13.97	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.42	0.55	0.52	0.50	13.90	ppb
Cadmium	106-1	-0.63	-0.37	-0.92	-0.64		ppb
Cadmium	111-1	0.23	0.22	0.23	0.23	2.94	ppb
Calcium	43-1	19790.47	20470.47	20610.78	20290.57	2.16	ppb
Calcium	44-1	18857.69	19984.16	20299.28	19713.71	3.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.06	480.87	471.73	477.89	1.12	ppb
Cobalt	59-2	60.78	61.13	59.62	60.51	1.31	ppb
Copper	63-2	65.43	65.21	63.64	64.76	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	46639.62	46948.01	45109.23	46232.29	2.13	ppb
Iron	57-2	46569.68	46757.76	45423.00	46250.15	1.56	ppb
Iron	54-2	47506.96	48054.90	45789.26	47117.04	2.51	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03ADL2X4	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 01:28:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.77	5.17	5.11	5.02	4.27	ppb
Lead	207-1	4.61	4.94	4.83	4.79	3.57	ppb
Lead	208-1	4.63	4.98	4.91	4.84	3.80	ppb
Lithium	6-1				84		%
Magnesium	24-2	12462.15	12440.82	12187.73	12363.57	1.23	ppb
Manganese	55-2	1520.16	1516.18	1475.30	1503.88	1.65	ppb
Molybdenum	94-1	6.17	6.66	6.75	6.53	4.82	ppb
Molybdenum	95-1	0.56	0.61	0.57	0.58	4.52	ppb
Molybdenum	96-1	1.43	1.53	1.50	1.49	3.43	ppb
Molybdenum	97-1	0.54	0.58	0.58	0.57	4.16	ppb
Molybdenum	98-1	0.54	0.58	0.57	0.56	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	286.53	288.67	281.42	285.54	1.30	ppb
Phosphorus	31-2	426.50	437.31	407.60	423.80	3.55	ppb
Potassium	39-2	1064.21	1066.27	1016.95	1049.14	2.66	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	-0.32	-0.13	0.18	-0.09		ppb
Selenium	77-2	4.66	4.93	5.28	4.95	6.26	ppb
Selenium	78-2	1.23	0.73	1.13	1.03	25.48	ppb
Silicon	28-1	490.16	521.52	534.00	515.23	4.38	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.40	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.85	ppb
Sodium	23-2	78.94	78.33	74.58	77.28	3.06	ppb
Strontium	86-1	31.36	34.19	33.48	33.01	4.45	ppb
Strontium	88-1	31.45	33.99	33.67	33.04	4.20	ppb
Sulfur	34-1	-875.52	-786.71	-778.86	-813.69		ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.10	0.09	0.09	5.33	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	2.72	ppb
Tin	118-1	0.47	0.51	0.52	0.50	5.49	ppb
Titanium	47-1	487.86	514.07	518.58	506.84	3.27	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03ADL2X4	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 01:28:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.30	0.32	0.31	0.31	3.41	ppb
Vanadium	51-2	259.53	257.77	250.70	256.00	1.83	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	59.67	60.01	58.09	59.25	1.73	ppb
Zirconium	90-1	3.32	3.45	3.65	3.47	4.77	ppb
Zirconium	91-1	3.32	3.57	3.84	3.57	7.31	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-13	Instrumnet Name :	P7
Client Sample ID :	MYE4Y2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:31:11	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37551.35	36445.19	38167.61	37388.05	2.33	ppb
Antimony	121-1	2.38	2.43	2.41	2.41	1.14	ppb
Arsenic	75-2	158.35	158.74	159.62	158.90	0.41	ppb
Barium	135-1	512.51	533.34	529.87	525.24	2.12	ppb
Barium	137-1	513.38	539.72	535.17	529.43	2.66	ppb
Beryllium	9-1	1.86	1.98	2.06	1.97	4.92	ppb
Bismuth	209-1				118		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.43	2.93	3.42	3.26	8.85	ppb
Cadmium	106-1	3.23	2.95	2.40	2.86	14.65	ppb
Cadmium	111-1	3.12	3.14	3.15	3.14	0.63	ppb
Calcium	43-1	6347.69	6514.52	6422.00	6428.07	1.30	ppb
Calcium	44-1	5941.87	6059.24	6048.78	6016.63	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110.43	112.68	111.19	111.43	1.03	ppb
Cobalt	59-2	72.25	73.11	72.99	72.78	0.64	ppb
Copper	63-2	357.14	354.51	357.27	356.30	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				110		%
Indium	115-1				117		%
Indium	115-2				107		%
Iron	56-2	123284.89	124190.46	126721.00	124732.12	1.43	ppb
Iron	57-2	124690.77	124437.18	125297.68	124808.54	0.35	ppb
Iron	54-2	123915.49	127618.98	127495.40	126343.29	1.66	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-13	Instrumnet Name :	P7
Client Sample ID :	MYE4Y2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:31:11	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	100.31	103.10	101.14	101.52	1.41	ppb
Lead	207-1	103.57	105.95	103.99	104.50	1.21	ppb
Lead	208-1	100.42	103.67	102.20	102.10	1.59	ppb
Lithium	6-1				83		%
Magnesium	24-2	19554.44	19246.51	20191.61	19664.18	2.45	ppb
Manganese	55-2	3176.13	3223.06	3253.80	3217.66	1.22	ppb
Molybdenum	94-1	28.21	29.22	29.26	28.90	2.06	ppb
Molybdenum	95-1	1.52	1.57	1.54	1.54	1.31	ppb
Molybdenum	96-1	5.09	5.22	5.31	5.21	2.08	ppb
Molybdenum	97-1	1.56	1.57	1.57	1.57	0.59	ppb
Molybdenum	98-1	1.47	1.53	1.54	1.51	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.75	115.93	118.44	116.37	1.62	ppb
Phosphorus	31-2	2041.78	2055.60	2084.15	2060.51	1.05	ppb
Potassium	39-2	9009.23	9077.34	9131.67	9072.74	0.68	ppb
Rhodium	103-1				114		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				116		%
Selenium	82-1	0.85	0.88	0.52	0.75	26.64	ppb
Selenium	77-2	20.42	18.49	20.30	19.73	5.48	ppb
Selenium	78-2	4.37	4.94	4.16	4.49	8.99	ppb
Silicon	28-1	1568.45	1613.34	1596.86	1592.88	1.43	ppb
Silver	107-1	0.64	0.67	0.68	0.66	2.53	ppb
Silver	109-1	0.63	0.67	0.68	0.66	4.02	ppb
Sodium	23-2	148.64	149.95	154.44	151.01	2.01	ppb
Strontium	86-1	58.58	60.62	61.34	60.18	2.38	ppb
Strontium	88-1	59.69	60.82	62.18	60.89	2.05	ppb
Sulfur	34-1	-1084.25	-1130.05	-1172.41	-1128.90		ppb
Terbium	159-1				123		%
Terbium	159-2				110		%
Thallium	203-1	1.10	1.08	1.10	1.09	0.81	ppb
Thallium	205-1	1.05	1.09	1.08	1.07	1.99	ppb
Tin	118-1	2.83	2.90	2.93	2.89	1.84	ppb
Titanium	47-1	1177.37	1229.56	1214.77	1207.23	2.23	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-13	Instrumnet Name :	P7
Client Sample ID :	MYE4Y2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:31:11	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.48	1.55	1.55	1.53	2.53	ppb
Vanadium	51-2	244.72	240.39	242.04	242.38	0.90	ppb
Yttrium	89-1				125		%
Yttrium	89-2				116		%
Zinc	66-2	320.20	319.01	321.93	320.38	0.46	ppb
Zirconium	90-1	15.39	15.70	15.67	15.59	1.10	ppb
Zirconium	91-1	15.59	15.65	15.99	15.74	1.39	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Y3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:34:10	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46923.17	45717.92	46682.66	46441.25	1.37	ppb
Antimony	121-1	2.60	2.58	2.59	2.59	0.47	ppb
Arsenic	75-2	195.20	191.49	189.06	191.92	1.61	ppb
Barium	135-1	593.10	582.29	595.73	590.37	1.21	ppb
Barium	137-1	594.65	588.26	593.07	591.99	0.56	ppb
Beryllium	9-1	2.28	2.25	2.31	2.28	1.25	ppb
Bismuth	209-1				117		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.25	3.21	3.30	3.25	1.38	ppb
Cadmium	106-1	3.04	2.78	1.84	2.55	24.78	ppb
Cadmium	111-1	2.91	2.90	2.93	2.91	0.56	ppb
Calcium	43-1	10032.56	10000.40	10078.45	10037.14	0.39	ppb
Calcium	44-1	9447.16	9509.02	9430.00	9462.06	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.63	124.56	129.46	127.22	1.95	ppb
Cobalt	59-2	81.48	79.00	80.26	80.24	1.55	ppb
Copper	63-2	337.02	333.55	346.39	338.99	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				110		%
Indium	115-1				115		%
Indium	115-2				105		%
Iron	56-2	140903.87	139091.43	143067.98	141021.10	1.41	ppb
Iron	57-2	141943.86	140349.40	144246.33	142179.86	1.38	ppb
Iron	54-2	144097.04	139572.35	143586.69	142418.70	1.74	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Y3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:34:10	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	110.63	112.56	114.95	112.72	1.92	ppb
Lead	207-1	108.47	112.22	111.58	110.76	1.81	ppb
Lead	208-1	109.41	112.73	111.62	111.26	1.52	ppb
Lithium	6-1				81		%
Magnesium	24-2	24640.32	23814.47	24424.40	24293.06	1.76	ppb
Manganese	55-2	3066.49	2989.56	3069.55	3041.87	1.49	ppb
Molybdenum	94-1	22.71	22.31	22.52	22.51	0.90	ppb
Molybdenum	95-1	1.61	1.61	1.62	1.61	0.30	ppb
Molybdenum	96-1	4.68	4.63	4.74	4.68	1.18	ppb
Molybdenum	97-1	1.60	1.62	1.62	1.61	0.84	ppb
Molybdenum	98-1	1.58	1.57	1.59	1.58	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.67	132.72	136.78	134.72	1.51	ppb
Phosphorus	31-2	2552.52	2474.07	2574.25	2533.61	2.08	ppb
Potassium	39-2	10959.26	10702.63	10930.67	10864.19	1.29	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	1.07	0.76	0.76	0.86	20.59	ppb
Selenium	77-2	20.52	22.26	21.95	21.58	4.30	ppb
Selenium	78-2	4.51	5.03	4.44	4.66	6.88	ppb
Silicon	28-1	1488.91	1491.33	1516.50	1498.92	1.02	ppb
Silver	107-1	0.70	0.70	0.69	0.70	0.48	ppb
Silver	109-1	0.71	0.69	0.70	0.70	1.86	ppb
Sodium	23-2	220.81	211.83	220.38	217.68	2.33	ppb
Strontium	86-1	95.14	94.86	95.68	95.23	0.44	ppb
Strontium	88-1	97.12	95.19	95.58	95.96	1.06	ppb
Sulfur	34-1	-898.87	-897.11	-889.00	-894.99		ppb
Terbium	159-1				120		%
Terbium	159-2				108		%
Thallium	203-1	0.77	0.80	0.76	0.78	2.41	ppb
Thallium	205-1	0.77	0.78	0.79	0.78	1.42	ppb
Tin	118-1	3.03	3.00	2.95	3.00	1.45	ppb
Titanium	47-1	1147.00	1145.60	1146.46	1146.35	0.06	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Y3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:34:10	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.64	1.67	1.65	1.65	0.70	ppb
Vanadium	51-2	293.13	286.08	293.81	291.01	1.47	ppb
Yttrium	89-1				122		%
Yttrium	89-2				115		%
Zinc	66-2	534.23	524.50	538.81	532.51	1.37	ppb
Zirconium	90-1	12.00	11.91	12.09	12.00	0.76	ppb
Zirconium	91-1	12.08	11.94	11.92	11.98	0.72	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Y4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:37:08	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59972.17	58805.07	60403.53	59726.92	1.38	ppb
Antimony	121-1	2.52	2.51	2.47	2.50	1.01	ppb
Arsenic	75-2	416.73	419.70	419.99	418.81	0.43	ppb
Barium	135-1	345.55	341.15	339.08	341.93	0.97	ppb
Barium	137-1	341.23	340.40	343.23	341.62	0.43	ppb
Beryllium	9-1	1.22	1.30	1.24	1.25	3.23	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.26	4.05	4.08	4.13	2.73	ppb
Cadmium	106-1	3.82	3.57	3.38	3.59	6.02	ppb
Cadmium	111-1	3.26	3.26	3.29	3.27	0.59	ppb
Calcium	43-1	40278.66	40383.71	40468.28	40376.88	0.24	ppb
Calcium	44-1	39013.89	39250.11	39510.56	39258.19	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.85	103.90	108.84	106.20	2.34	ppb
Cobalt	59-2	102.79	101.49	104.15	102.81	1.29	ppb
Copper	63-2	252.49	244.94	255.33	250.92	2.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	142092.64	139070.85	141774.18	140979.22	1.18	ppb
Iron	57-2	143039.65	141368.63	143663.51	142690.59	0.83	ppb
Iron	54-2	143052.67	141114.57	144734.32	142967.18	1.27	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Y4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:37:08	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	207.67	207.42	207.17	207.42	0.12	ppb
Lead	207-1	227.57	231.25	224.82	227.88	1.42	ppb
Lead	208-1	216.94	219.47	216.85	217.75	0.68	ppb
Lithium	6-1				78		%
Magnesium	24-2	35494.28	34706.58	35346.90	35182.59	1.19	ppb
Manganese	55-2	3335.04	3279.22	3350.00	3321.42	1.12	ppb
Molybdenum	94-1	18.23	18.35	18.48	18.36	0.68	ppb
Molybdenum	95-1	0.86	0.87	0.86	0.87	0.62	ppb
Molybdenum	96-1	3.54	3.65	3.60	3.60	1.51	ppb
Molybdenum	97-1	0.86	0.84	0.87	0.86	1.74	ppb
Molybdenum	98-1	0.80	0.83	0.81	0.81	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.16	94.40	96.70	95.42	1.23	ppb
Phosphorus	31-2	2166.71	2094.01	2170.24	2143.65	2.01	ppb
Potassium	39-2	4524.15	4393.48	4604.09	4507.24	2.36	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	82-1	1.96	2.14	2.06	2.05	4.17	ppb
Selenium	77-2	15.91	15.47	13.62	15.00	8.10	ppb
Selenium	78-2	4.65	5.33	4.46	4.81	9.53	ppb
Silicon	28-1	1338.15	1344.82	1317.06	1333.34	1.09	ppb
Silver	107-1	1.20	1.20	1.20	1.20	0.14	ppb
Silver	109-1	1.18	1.18	1.18	1.18	0.30	ppb
Sodium	23-2	220.25	216.65	222.47	219.79	1.34	ppb
Strontium	86-1	73.66	74.20	74.78	74.21	0.76	ppb
Strontium	88-1	74.98	75.47	75.84	75.43	0.57	ppb
Sulfur	34-1	4645.91	4727.36	4785.31	4719.53	1.48	ppb
Terbium	159-1				119		%
Terbium	159-2				108		%
Thallium	203-1	0.39	0.41	0.40	0.40	2.90	ppb
Thallium	205-1	0.38	0.38	0.39	0.38	1.30	ppb
Tin	118-1	2.21	2.23	2.19	2.21	0.87	ppb
Titanium	47-1	1399.54	1397.81	1409.39	1402.25	0.45	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Y4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:37:08	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.67	0.68	0.67	0.97	ppb
Vanadium	51-2	256.16	252.11	264.61	257.63	2.48	ppb
Yttrium	89-1				122		%
Yttrium	89-2				113		%
Zinc	66-2	984.30	942.86	979.05	968.74	2.33	ppb
Zirconium	90-1	9.88	9.99	10.07	9.98	0.94	ppb
Zirconium	91-1	9.98	10.02	10.16	10.05	0.98	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-16	Instrumnet Name :	P7
Client Sample ID :	MYE4Y5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:40:02	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53936.97	51971.65	53944.38	53284.34	2.13	ppb
Antimony	121-1	1.46	1.47	1.46	1.46	0.60	ppb
Arsenic	75-2	118.95	116.73	117.50	117.73	0.96	ppb
Barium	135-1	502.33	505.77	502.08	503.39	0.41	ppb
Barium	137-1	505.26	489.76	495.97	497.00	1.57	ppb
Beryllium	9-1	1.68	1.55	1.56	1.60	4.28	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.46	2.52	2.42	2.47	2.05	ppb
Cadmium	106-1	2.06	1.04	0.69	1.27	56.15	ppb
Cadmium	111-1	1.78	1.72	1.71	1.74	2.31	ppb
Calcium	43-1	16198.22	16486.74	16294.25	16326.40	0.90	ppb
Calcium	44-1	15901.17	16026.69	15798.27	15908.71	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145.22	142.27	143.53	143.67	1.03	ppb
Cobalt	59-2	70.31	68.19	70.40	69.63	1.80	ppb
Copper	63-2	257.51	246.22	253.42	252.38	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	56-2	120271.86	115533.14	120930.93	118911.97	2.48	ppb
Iron	57-2	120519.44	116382.71	120600.99	119167.71	2.02	ppb
Iron	54-2	120547.54	117169.66	120542.35	119419.85	1.63	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-16	Instrumnet Name :	P7
Client Sample ID :	MYE4Y5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:40:02	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.73	58.85	57.74	58.11	1.11	ppb
Lead	207-1	57.05	58.30	56.97	57.44	1.31	ppb
Lead	208-1	56.91	57.50	57.06	57.16	0.54	ppb
Lithium	6-1				81		%
Magnesium	24-2	32486.59	31294.74	32185.88	31989.07	1.94	ppb
Manganese	55-2	2697.69	2642.98	2711.64	2684.10	1.35	ppb
Molybdenum	94-1	24.42	24.75	24.20	24.45	1.13	ppb
Molybdenum	95-1	1.31	1.37	1.31	1.33	2.61	ppb
Molybdenum	96-1	4.43	4.63	4.47	4.51	2.31	ppb
Molybdenum	97-1	1.33	1.32	1.29	1.31	1.85	ppb
Molybdenum	98-1	1.31	1.34	1.28	1.31	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.80	119.60	124.03	122.48	2.04	ppb
Phosphorus	31-2	1657.73	1624.18	1655.33	1645.75	1.14	ppb
Potassium	39-2	8461.91	8382.72	8514.88	8453.17	0.79	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	0.42	0.50	0.20	0.37	41.41	ppb
Selenium	77-2	15.87	17.19	16.05	16.37	4.36	ppb
Selenium	78-2	3.25	4.46	4.33	4.01	16.63	ppb
Silicon	28-1	1569.18	1507.35	1530.42	1535.65	2.03	ppb
Silver	107-1	0.46	0.46	0.46	0.46	0.10	ppb
Silver	109-1	0.46	0.47	0.46	0.46	1.04	ppb
Sodium	23-2	166.46	158.88	166.84	164.06	2.74	ppb
Strontium	86-1	83.10	84.89	82.91	83.63	1.31	ppb
Strontium	88-1	85.06	85.44	84.71	85.07	0.43	ppb
Sulfur	34-1	-995.04	-1018.67	-1054.42	-1022.71		ppb
Terbium	159-1				120		%
Terbium	159-2				106		%
Thallium	203-1	0.49	0.50	0.49	0.49	1.49	ppb
Thallium	205-1	0.49	0.50	0.48	0.49	1.24	ppb
Tin	118-1	2.80	2.79	2.80	2.80	0.23	ppb
Titanium	47-1	1126.07	1121.36	1118.95	1122.13	0.32	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-16	Instrumnet Name :	P7
Client Sample ID :	MYE4Y5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:40:02	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.32	1.34	1.32	1.33	1.07	ppb
Vanadium	51-2	248.27	245.50	252.02	248.60	1.31	ppb
Yttrium	89-1				119		%
Yttrium	89-2				112		%
Zinc	66-2	268.85	255.64	264.14	262.88	2.55	ppb
Zirconium	90-1	12.97	13.27	13.06	13.10	1.18	ppb
Zirconium	91-1	13.11	13.49	12.96	13.18	2.06	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-17	Instrumnet Name :	P7
Client Sample ID :	MYE4Y6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:43:03	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40397.64	39212.74	37518.79	39043.06	3.71	ppb
Antimony	121-1	3.70	3.67	3.65	3.67	0.61	ppb
Arsenic	75-2	234.88	227.20	221.94	228.01	2.85	ppb
Barium	135-1	508.37	507.27	504.71	506.79	0.37	ppb
Barium	137-1	515.70	504.03	499.09	506.27	1.68	ppb
Beryllium	9-1	1.88	1.84	2.09	1.94	6.89	ppb
Bismuth	209-1				116		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.63	3.92	4.08	3.88	5.88	ppb
Cadmium	106-1	3.41	2.87	2.71	3.00	12.13	ppb
Cadmium	111-1	3.85	3.75	3.77	3.79	1.47	ppb
Calcium	43-1	6585.35	6608.26	6661.60	6618.40	0.59	ppb
Calcium	44-1	6247.94	6188.19	6325.17	6253.77	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.41	122.74	117.51	122.55	4.04	ppb
Cobalt	59-2	85.19	84.41	80.34	83.31	3.13	ppb
Copper	63-2	441.15	425.64	422.30	429.70	2.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	56-2	147208.85	142227.50	137898.01	142444.79	3.27	ppb
Iron	57-2	146994.24	142647.12	138938.66	142860.01	2.82	ppb
Iron	54-2	148125.14	142141.55	138531.26	142932.65	3.39	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-17	Instrumnet Name :	P7
Client Sample ID :	MYE4Y6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:43:03	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	138.64	142.02	139.57	140.08	1.25	ppb
Lead	207-1	140.44	141.92	138.79	140.38	1.11	ppb
Lead	208-1	138.46	141.26	138.07	139.26	1.25	ppb
Lithium	6-1				78		%
Magnesium	24-2	21742.26	21082.81	20583.56	21136.21	2.75	ppb
Manganese	55-2	2935.11	2837.51	2791.33	2854.65	2.57	ppb
Molybdenum	94-1	27.43	27.06	27.28	27.26	0.69	ppb
Molybdenum	95-1	1.90	1.88	1.86	1.88	1.16	ppb
Molybdenum	96-1	5.40	5.39	5.41	5.40	0.15	ppb
Molybdenum	97-1	1.88	1.94	1.81	1.87	3.48	ppb
Molybdenum	98-1	1.84	1.82	1.82	1.83	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.94	124.24	120.54	124.24	2.98	ppb
Phosphorus	31-2	2231.91	2198.69	2139.99	2190.19	2.13	ppb
Potassium	39-2	8930.91	8628.45	8369.46	8642.94	3.25	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	1.17	0.90	0.81	0.96	19.29	ppb
Selenium	77-2	15.96	18.70	20.12	18.26	11.59	ppb
Selenium	78-2	5.12	5.32	4.77	5.07	5.49	ppb
Silicon	28-1	1288.13	1276.13	1297.09	1287.12	0.82	ppb
Silver	107-1	0.89	0.90	0.92	0.90	1.63	ppb
Silver	109-1	0.92	0.90	0.89	0.90	1.92	ppb
Sodium	23-2	173.13	166.18	160.15	166.48	3.90	ppb
Strontium	86-1	64.24	63.89	63.38	63.84	0.68	ppb
Strontium	88-1	64.22	64.83	64.68	64.57	0.49	ppb
Sulfur	34-1	-951.89	-1003.54	-978.47	-977.97		ppb
Terbium	159-1				118		%
Terbium	159-2				107		%
Thallium	203-1	0.59	0.62	0.62	0.61	2.37	ppb
Thallium	205-1	0.61	0.62	0.60	0.61	1.74	ppb
Tin	118-1	3.04	3.07	3.02	3.04	0.80	ppb
Titanium	47-1	1220.07	1210.57	1224.96	1218.54	0.60	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-17	Instrumnet Name :	P7
Client Sample ID :	MYE4Y6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:43:03	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.44	1.45	1.44	1.45	0.32	ppb
Vanadium	51-2	300.64	287.97	277.35	288.66	4.04	ppb
Yttrium	89-1				118		%
Yttrium	89-2				110		%
Zinc	66-2	397.90	388.31	375.07	387.09	2.96	ppb
Zirconium	90-1	14.48	14.45	14.36	14.43	0.43	ppb
Zirconium	91-1	14.64	14.49	14.35	14.49	1.00	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-01	Instrumnet Name :	P7
Client Sample ID :	MYE4Y7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:46:00	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51744.24	51477.78	51374.23	51532.09	0.37	ppb
Antimony	121-1	2.31	2.44	2.39	2.38	2.75	ppb
Arsenic	75-2	151.17	148.57	149.36	149.70	0.89	ppb
Barium	135-1	574.54	590.17	587.22	583.98	1.42	ppb
Barium	137-1	570.78	600.74	586.19	585.90	2.56	ppb
Beryllium	9-1	1.87	2.06	2.07	2.00	5.77	ppb
Bismuth	209-1				120		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.28	4.26	4.04	4.20	3.14	ppb
Cadmium	106-1	3.27	3.42	2.88	3.19	8.70	ppb
Cadmium	111-1	3.61	3.83	3.84	3.76	3.52	ppb
Calcium	43-1	11776.12	12211.21	12293.48	12093.60	2.30	ppb
Calcium	44-1	11146.49	11502.15	11592.10	11413.58	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.74	103.09	103.21	103.68	0.89	ppb
Cobalt	59-2	62.68	61.85	62.17	62.23	0.67	ppb
Copper	63-2	475.58	468.31	477.35	473.74	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				109		%
Indium	115-1				115		%
Indium	115-2				103		%
Iron	56-2	112375.11	109641.12	109996.97	110671.06	1.34	ppb
Iron	57-2	112140.66	109650.55	108637.38	110142.86	1.64	ppb
Iron	54-2	113196.04	110532.60	109695.81	111141.48	1.64	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-01	Instrumnet Name :	P7
Client Sample ID :	MYE4Y7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:46:00	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	119.70	122.79	123.14	121.88	1.56	ppb
Lead	207-1	119.91	123.36	121.40	121.56	1.42	ppb
Lead	208-1	119.98	122.83	123.12	121.98	1.42	ppb
Lithium	6-1				81		%
Magnesium	24-2	22261.16	22140.03	21976.39	22125.86	0.65	ppb
Manganese	55-2	2427.16	2373.10	2377.29	2392.52	1.26	ppb
Molybdenum	94-1	30.10	31.18	31.31	30.86	2.15	ppb
Molybdenum	95-1	1.27	1.38	1.29	1.32	4.39	ppb
Molybdenum	96-1	5.07	5.20	5.11	5.13	1.33	ppb
Molybdenum	97-1	1.34	1.33	1.31	1.32	1.28	ppb
Molybdenum	98-1	1.27	1.33	1.30	1.30	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.48	107.72	107.80	108.00	0.39	ppb
Phosphorus	31-2	3005.66	2934.84	2942.64	2961.04	1.31	ppb
Potassium	39-2	10489.39	10502.03	10414.49	10468.64	0.45	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	1.20	1.29	1.37	1.29	6.69	ppb
Selenium	77-2	18.67	19.18	20.49	19.45	4.85	ppb
Selenium	78-2	5.68	5.50	4.80	5.32	8.76	ppb
Silicon	28-1	1499.97	1559.82	1569.49	1543.09	2.44	ppb
Silver	107-1	1.18	1.21	1.21	1.20	1.57	ppb
Silver	109-1	1.17	1.22	1.22	1.21	2.37	ppb
Sodium	23-2	192.09	191.55	190.48	191.37	0.43	ppb
Strontium	86-1	93.67	96.32	96.47	95.49	1.65	ppb
Strontium	88-1	94.23	97.18	97.03	96.15	1.73	ppb
Sulfur	34-1	-1096.11	-1023.62	-1021.56	-1047.10		ppb
Terbium	159-1				122		%
Terbium	159-2				108		%
Thallium	203-1	0.47	0.49	0.50	0.49	2.85	ppb
Thallium	205-1	0.47	0.50	0.49	0.48	3.20	ppb
Tin	118-1	3.40	3.66	3.62	3.56	4.01	ppb
Titanium	47-1	977.85	1018.27	1023.53	1006.55	2.48	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-01	Instrumnet Name :	P7
Client Sample ID :	MYE4Y7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:46:00	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.19	1.18	1.17	2.08	ppb
Vanadium	51-2	201.57	201.67	199.62	200.95	0.58	ppb
Yttrium	89-1				121		%
Yttrium	89-2				112		%
Zinc	66-2	406.46	396.82	400.96	401.41	1.21	ppb
Zirconium	90-1	16.27	16.98	16.95	16.73	2.41	ppb
Zirconium	91-1	16.43	16.98	16.97	16.79	1.87	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:49:00	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49903.35	50192.83	51143.97	50413.38	1.29	ppb
Antimony	121-1	509.19	506.54	515.98	510.57	0.95	ppb
Arsenic	75-2	532.86	531.07	533.18	532.37	0.21	ppb
Barium	135-1	2513.21	2510.58	2549.23	2524.34	0.86	ppb
Barium	137-1	2506.08	2514.15	2520.52	2513.58	0.29	ppb
Beryllium	9-1	499.27	512.73	531.34	514.45	3.13	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	508.61	500.15	505.69	504.82	0.85	ppb
Cadmium	106-1	504.66	502.24	514.80	507.24	1.31	ppb
Cadmium	111-1	513.28	512.10	513.42	512.93	0.14	ppb
Calcium	43-1	218069.69	219231.27	223039.04	220113.34	1.18	ppb
Calcium	44-1	229977.99	229436.29	235459.13	231624.47	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.43	514.01	522.90	515.45	1.33	ppb
Cobalt	59-2	534.28	545.22	548.70	542.73	1.39	ppb
Copper	63-2	5309.85	5344.67	5299.03	5317.85	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	128051.46	129185.21	130530.97	129255.88	0.96	ppb
Iron	57-2	129386.16	131788.63	132665.54	131280.11	1.29	ppb
Iron	54-2	128737.09	129404.54	131727.92	129956.52	1.21	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:49:00	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2558.71	2569.89	2529.81	2552.80	0.81	ppb
Lead	207-1	2532.75	2568.60	2545.30	2548.88	0.71	ppb
Lead	208-1	2539.61	2566.00	2560.05	2555.22	0.54	ppb
Lithium	6-1				84		%
Magnesium	24-2	266327.84	271736.86	270059.52	269374.74	1.03	ppb
Manganese	55-2	5011.74	5061.38	5136.15	5069.76	1.24	ppb
Molybdenum	94-1	5042.32	5102.13	5072.83	5072.42	0.59	ppb
Molybdenum	95-1	5035.84	5088.44	5047.39	5057.22	0.55	ppb
Molybdenum	96-1	5067.17	5073.12	5027.71	5056.00	0.49	ppb
Molybdenum	97-1	5011.81	5085.68	4986.76	5028.09	1.02	ppb
Molybdenum	98-1	5076.06	5170.87	5019.54	5088.82	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	534.48	545.91	544.63	541.67	1.16	ppb
Phosphorus	31-2	9969.05	10048.69	10043.87	10020.53	0.45	ppb
Potassium	39-2	124854.89	125513.62	127258.15	125875.55	0.99	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	516.36	523.83	518.07	519.42	0.75	ppb
Selenium	77-2	518.64	518.41	523.59	520.21	0.56	ppb
Selenium	78-2	527.04	508.73	520.98	518.92	1.80	ppb
Silicon	28-1	160.37	159.67	163.43	161.16	1.24	ppb
Silver	107-1	502.79	503.06	508.00	504.62	0.58	ppb
Silver	109-1	506.42	500.17	512.97	506.52	1.26	ppb
Sodium	23-2	248811.63	250169.07	255065.81	251348.84	1.31	ppb
Strontium	86-1	530.81	537.65	530.71	533.06	0.75	ppb
Strontium	88-1	533.78	541.77	539.16	538.24	0.76	ppb
Sulfur	34-1	9436.42	9562.28	9871.35	9623.35	2.33	ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	512.27	510.99	504.70	509.32	0.80	ppb
Thallium	205-1	511.18	513.88	509.48	511.51	0.43	ppb
Tin	118-1	502.89	505.67	505.19	504.59	0.29	ppb
Titanium	47-1	4974.98	5020.46	5068.99	5021.48	0.94	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:49:00	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	521.25	525.87	519.99	522.37	0.59	ppb
Vanadium	51-2	516.35	518.35	521.42	518.71	0.49	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	5232.84	5292.18	5227.47	5250.83	0.68	ppb
Zirconium	90-1	510.16	513.71	508.99	510.95	0.48	ppb
Zirconium	91-1	512.83	511.16	510.82	511.60	0.21	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:53:56	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	0.22	0.26	0.28	25.77	ppb
Antimony	121-1	0.08	0.09	0.13	0.10	22.78	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.02	0.01	0.00	0.01	76.83	ppb
Barium	137-1	0.02	0.00	0.00	0.01	124.98	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	92.61	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.26	0.03	0.10	135.69	ppb
Cadmium	106-1	-1.55	-1.80	-2.12	-1.82		ppb
Cadmium	111-1	0.00	-0.02	-0.01	-0.01		ppb
Calcium	43-1	-1.99	-2.48	-3.28	-2.58		ppb
Calcium	44-1	-4.52	-5.52	-6.61	-5.55		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.06	-0.05	-0.05		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.08	0.08	0.09	0.09	6.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	56-2	0.13	-0.02	0.02	0.04	182.18	ppb
Iron	57-2	-1.01	-0.63	-0.65	-0.76		ppb
Iron	54-2	-0.66	-1.26	-1.50	-1.14		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:53:56	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.07	0.05	0.07	28.59	ppb
Lead	207-1	0.09	0.06	0.05	0.07	28.34	ppb
Lead	208-1	0.09	0.06	0.05	0.07	29.92	ppb
Lithium	6-1				91		%
Magnesium	24-2	2.11	1.92	2.04	2.02	4.66	ppb
Manganese	55-2	-0.12	-0.13	-0.13	-0.13		ppb
Molybdenum	94-1	0.04	0.03	0.05	0.04	16.66	ppb
Molybdenum	95-1	0.06	0.05	0.05	0.06	12.29	ppb
Molybdenum	96-1	0.05	0.05	0.06	0.05	5.87	ppb
Molybdenum	97-1	0.07	0.05	0.05	0.06	14.74	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	12.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-15.49	-18.17	-17.31	-16.99		ppb
Potassium	39-2	13.71	13.65	15.54	14.30	7.53	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	-0.07	-0.41	-0.21	-0.23		ppb
Selenium	77-2	0.09	-0.05	-0.05	0.00		ppb
Selenium	78-2	-0.13	0.44	-0.18	0.05	758.11	ppb
Silicon	28-1	-5.38	-4.43	-5.33	-5.05		ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.92	ppb
Silver	109-1	0.02	0.01	0.01	0.01	21.97	ppb
Sodium	23-2	16.33	15.81	15.71	15.95	2.09	ppb
Strontium	86-1	0.00	-0.01	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-599.58	-521.95	-592.88	-571.47		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.07	0.06	0.07	23.74	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	12.42	ppb
Tin	118-1	-0.01	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.00	0.01	-0.01	0.00		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:53:56	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	53.43	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	94.15	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	-0.02	-0.01	-0.05	-0.03		ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-02	Instrumnet Name :	P7
Client Sample ID :	MYE4Y8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:57:13	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38451.14	39156.09	38259.66	38622.30	1.22	ppb
Antimony	121-1	3.25	3.43	3.45	3.38	3.31	ppb
Arsenic	75-2	156.05	157.82	159.79	157.89	1.19	ppb
Barium	135-1	514.67	539.21	536.45	530.11	2.54	ppb
Barium	137-1	507.31	534.33	530.21	523.95	2.78	ppb
Beryllium	9-1	1.47	1.52	1.55	1.51	2.66	ppb
Bismuth	209-1				117		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.20	4.67	4.61	4.49	5.68	ppb
Cadmium	106-1	5.85	5.88	4.64	5.45	12.90	ppb
Cadmium	111-1	4.09	4.36	4.34	4.27	3.54	ppb
Calcium	43-1	7367.16	7583.57	7579.63	7510.12	1.65	ppb
Calcium	44-1	6916.11	7156.19	7244.61	7105.64	2.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.56	93.41	92.94	93.30	0.34	ppb
Cobalt	59-2	54.87	54.69	54.99	54.85	0.27	ppb
Copper	63-2	496.39	496.96	490.31	494.55	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				109		%
Indium	115-1				120		%
Indium	115-2				108		%
Iron	56-2	108165.73	107618.55	107224.98	107669.75	0.44	ppb
Iron	57-2	106327.19	105910.33	106677.24	106304.92	0.36	ppb
Iron	54-2	108572.31	106856.07	108256.78	107895.06	0.85	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-02	Instrumnet Name :	P7
Client Sample ID :	MYE4Y8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:57:13	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	122.03	125.54	126.70	124.76	1.95	ppb
Lead	207-1	121.61	127.07	127.80	125.49	2.70	ppb
Lead	208-1	122.33	125.68	126.65	124.88	1.82	ppb
Lithium	6-1				90		%
Magnesium	24-2	19579.11	20038.73	19262.60	19626.81	1.99	ppb
Manganese	55-2	2290.44	2281.71	2279.52	2283.89	0.25	ppb
Molybdenum	94-1	27.39	28.30	28.38	28.02	1.95	ppb
Molybdenum	95-1	1.52	1.40	1.40	1.44	4.96	ppb
Molybdenum	96-1	4.85	4.87	4.85	4.86	0.30	ppb
Molybdenum	97-1	1.47	1.36	1.41	1.41	3.93	ppb
Molybdenum	98-1	1.45	1.35	1.34	1.38	4.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.77	94.60	94.40	94.59	0.20	ppb
Phosphorus	31-2	2034.53	2047.67	2023.36	2035.18	0.60	ppb
Potassium	39-2	8316.38	8310.42	8278.88	8301.89	0.24	ppb
Rhodium	103-1				117		%
Rhodium	103-2				110		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	82-1	0.76	0.80	0.94	0.83	11.52	ppb
Selenium	77-2	20.00	20.89	18.70	19.86	5.53	ppb
Selenium	78-2	4.79	4.43	4.86	4.69	4.92	ppb
Silicon	28-1	1358.94	1395.92	1388.08	1380.98	1.41	ppb
Silver	107-1	1.00	0.98	1.03	1.00	2.64	ppb
Silver	109-1	0.98	0.99	1.03	1.00	2.50	ppb
Sodium	23-2	167.41	172.25	166.32	168.66	1.87	ppb
Strontium	86-1	82.53	86.30	86.32	85.05	2.56	ppb
Strontium	88-1	84.71	86.55	87.40	86.22	1.60	ppb
Sulfur	34-1	-924.55	-1069.15	-1170.02	-1054.57		ppb
Terbium	159-1				122		%
Terbium	159-2				109		%
Thallium	203-1	0.62	0.57	0.59	0.59	4.45	ppb
Thallium	205-1	0.61	0.57	0.57	0.58	3.85	ppb
Tin	118-1	2.85	3.02	3.05	2.97	3.59	ppb
Titanium	47-1	1147.02	1182.16	1178.95	1169.37	1.66	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-02	Instrumnet Name :	P7
Client Sample ID :	MYE4Y8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:57:13	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.41	1.43	1.44	1.42	0.92	ppb
Vanadium	51-2	200.40	197.67	198.16	198.74	0.73	ppb
Yttrium	89-1				128		%
Yttrium	89-2				118		%
Zinc	66-2	387.45	389.46	387.30	388.07	0.31	ppb
Zirconium	90-1	14.78	15.28	15.43	15.16	2.26	ppb
Zirconium	91-1	14.88	15.40	15.55	15.27	2.31	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-03	Instrumnet Name :	P7
Client Sample ID :	MYE4Y9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:00:11	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32932.76	32822.10	32922.06	32892.31	0.19	ppb
Antimony	121-1	4.99	5.06	4.97	5.01	0.90	ppb
Arsenic	75-2	149.69	153.67	148.82	150.73	1.72	ppb
Barium	135-1	497.08	497.55	491.56	495.40	0.67	ppb
Barium	137-1	487.88	497.24	490.31	491.81	0.99	ppb
Beryllium	9-1	1.61	1.50	1.48	1.53	4.53	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.09	3.88	3.91	3.96	2.91	ppb
Cadmium	106-1	4.23	3.89	2.78	3.63	20.92	ppb
Cadmium	111-1	3.74	3.73	3.70	3.72	0.43	ppb
Calcium	43-1	6950.25	6932.58	6993.96	6958.93	0.45	ppb
Calcium	44-1	6543.23	6593.76	6620.52	6585.83	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86.90	86.90	87.31	87.04	0.27	ppb
Cobalt	59-2	57.29	57.55	57.75	57.53	0.41	ppb
Copper	63-2	349.11	355.95	357.48	354.18	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	103291.72	103998.74	103869.81	103720.09	0.36	ppb
Iron	57-2	103571.65	103671.52	104483.03	103908.74	0.48	ppb
Iron	54-2	104260.37	104758.50	105684.55	104901.14	0.69	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-03	Instrumnet Name :	P7
Client Sample ID :	MYE4Y9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:00:11	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	130.60	131.56	129.96	130.71	0.61	ppb
Lead	207-1	131.28	132.45	131.78	131.84	0.44	ppb
Lead	208-1	130.72	131.84	130.44	131.00	0.56	ppb
Lithium	6-1				81		%
Magnesium	24-2	17804.54	18028.96	18150.85	17994.79	0.98	ppb
Manganese	55-2	2102.17	2113.38	2124.77	2113.44	0.53	ppb
Molybdenum	94-1	28.69	28.46	28.75	28.63	0.53	ppb
Molybdenum	95-1	1.56	1.55	1.54	1.55	0.62	ppb
Molybdenum	96-1	5.07	5.13	5.07	5.09	0.64	ppb
Molybdenum	97-1	1.54	1.59	1.51	1.55	2.56	ppb
Molybdenum	98-1	1.52	1.52	1.53	1.52	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.74	99.71	99.64	99.36	0.54	ppb
Phosphorus	31-2	2036.11	2023.59	2046.71	2035.47	0.57	ppb
Potassium	39-2	7018.34	6853.91	6930.35	6934.20	1.19	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	82-1	0.71	0.65	0.58	0.65	9.99	ppb
Selenium	77-2	19.45	20.28	18.62	19.45	4.25	ppb
Selenium	78-2	5.76	5.29	4.56	5.20	11.62	ppb
Silicon	28-1	1296.09	1289.92	1290.78	1292.26	0.26	ppb
Silver	107-1	0.86	0.85	0.83	0.85	2.07	ppb
Silver	109-1	0.85	0.85	0.83	0.84	1.44	ppb
Sodium	23-2	156.21	156.16	159.02	157.13	1.04	ppb
Strontium	86-1	80.71	80.97	80.27	80.65	0.44	ppb
Strontium	88-1	80.77	80.83	80.74	80.78	0.05	ppb
Sulfur	34-1	-1055.41	-1092.25	-1079.61	-1075.76		ppb
Terbium	159-1				117		%
Terbium	159-2				107		%
Thallium	203-1	0.52	0.53	0.51	0.52	2.18	ppb
Thallium	205-1	0.54	0.51	0.52	0.52	3.04	ppb
Tin	118-1	3.70	3.68	3.68	3.69	0.32	ppb
Titanium	47-1	1108.38	1123.69	1093.20	1108.42	1.38	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-03	Instrumnet Name :	P7
Client Sample ID :	MYE4Y9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:00:11	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.37	1.37	1.35	1.37	0.79	ppb
Vanadium	51-2	199.66	194.59	197.38	197.21	1.29	ppb
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	375.27	380.64	378.11	378.01	0.71	ppb
Zirconium	90-1	15.60	15.47	15.41	15.49	0.62	ppb
Zirconium	91-1	15.70	15.67	15.47	15.61	0.80	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-04	Instrumnet Name :	P7
Client Sample ID :	MYE4Z0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:03:12	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34965.38	34739.88	33709.46	34471.57	1.94	ppb
Antimony	121-1	2.25	2.34	2.34	2.31	2.35	ppb
Arsenic	75-2	102.36	103.72	103.22	103.10	0.67	ppb
Barium	135-1	468.07	474.16	478.50	473.58	1.11	ppb
Barium	137-1	465.53	479.95	475.24	473.57	1.55	ppb
Beryllium	9-1	1.41	1.27	1.37	1.35	5.46	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.66	2.73	2.60	2.66	2.34	ppb
Cadmium	106-1	1.94	1.69	1.81	1.81	6.99	ppb
Cadmium	111-1	2.42	2.40	2.50	2.44	2.23	ppb
Calcium	43-1	7917.51	8174.83	7965.88	8019.40	1.71	ppb
Calcium	44-1	7520.08	7690.51	7476.40	7562.33	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.06	71.03	71.23	71.77	1.56	ppb
Cobalt	59-2	41.97	40.35	40.56	40.96	2.15	ppb
Copper	63-2	235.69	229.25	226.39	230.44	2.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	82742.66	78831.08	80319.78	80631.17	2.45	ppb
Iron	57-2	83621.71	78522.19	78820.35	80321.42	3.56	ppb
Iron	54-2	82695.94	79841.75	80832.08	81123.26	1.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-04	Instrumnet Name :	P7
Client Sample ID :	MYE4Z0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:03:12	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	85.86	87.87	84.35	86.03	2.06	ppb
Lead	207-1	85.74	88.18	84.76	86.23	2.04	ppb
Lead	208-1	85.35	86.08	83.92	85.12	1.29	ppb
Lithium	6-1				81		%
Magnesium	24-2	16247.31	16009.20	15668.62	15975.04	1.82	ppb
Manganese	55-2	1793.55	1726.98	1751.37	1757.30	1.92	ppb
Molybdenum	94-1	20.00	20.36	20.28	20.22	0.93	ppb
Molybdenum	95-1	1.14	1.15	1.17	1.15	1.64	ppb
Molybdenum	96-1	3.71	3.68	3.72	3.70	0.65	ppb
Molybdenum	97-1	1.18	1.15	1.20	1.18	2.12	ppb
Molybdenum	98-1	1.13	1.13	1.14	1.13	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.89	70.49	70.65	71.34	1.88	ppb
Phosphorus	31-2	2004.36	1952.94	1939.37	1965.56	1.74	ppb
Potassium	39-2	8406.71	8160.65	8099.29	8222.21	1.98	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	82-1	0.41	0.55	0.28	0.42	33.03	ppb
Selenium	77-2	15.23	14.98	14.80	15.00	1.42	ppb
Selenium	78-2	3.92	3.84	2.67	3.48	20.13	ppb
Silicon	28-1	1478.69	1518.43	1525.38	1507.50	1.67	ppb
Silver	107-1	0.55	0.55	0.55	0.55	0.26	ppb
Silver	109-1	0.53	0.55	0.56	0.55	3.48	ppb
Sodium	23-2	143.79	141.28	140.54	141.87	1.20	ppb
Strontium	86-1	76.97	77.19	77.42	77.19	0.29	ppb
Strontium	88-1	76.86	78.84	76.80	77.50	1.49	ppb
Sulfur	34-1	-1080.70	-1053.29	-1090.06	-1074.68		ppb
Terbium	159-1				118		%
Terbium	159-2				107		%
Thallium	203-1	0.36	0.37	0.35	0.36	3.13	ppb
Thallium	205-1	0.36	0.36	0.36	0.36	1.13	ppb
Tin	118-1	3.09	3.16	3.16	3.14	1.32	ppb
Titanium	47-1	766.10	783.18	763.18	770.82	1.40	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-04	Instrumnet Name :	P7
Client Sample ID :	MYE4Z0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:03:12	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.88	0.85	0.86	2.23	ppb
Vanadium	51-2	154.88	151.23	152.20	152.77	1.24	ppb
Yttrium	89-1				119		%
Yttrium	89-2				112		%
Zinc	66-2	311.87	304.42	300.43	305.57	1.90	ppb
Zirconium	90-1	10.91	11.01	10.85	10.92	0.72	ppb
Zirconium	91-1	10.85	11.01	10.96	10.94	0.72	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-05	Instrumnet Name :	P7
Client Sample ID :	MYE4Z1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:06:13	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39882.79	39869.08	39990.26	39914.04	0.17	ppb
Antimony	121-1	2.05	2.08	2.09	2.07	1.15	ppb
Arsenic	75-2	118.55	115.80	119.86	118.07	1.75	ppb
Barium	135-1	513.72	521.97	496.86	510.85	2.51	ppb
Barium	137-1	508.37	516.41	502.93	509.24	1.33	ppb
Beryllium	9-1	1.68	1.61	1.66	1.65	2.16	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.03	3.30	3.34	3.22	5.27	ppb
Cadmium	106-1	2.38	2.23	1.33	1.98	28.55	ppb
Cadmium	111-1	3.01	3.09	3.03	3.04	1.34	ppb
Calcium	43-1	9950.90	10012.23	10153.81	10038.98	1.04	ppb
Calcium	44-1	9440.63	9453.84	9469.12	9454.53	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86.97	88.43	87.75	87.72	0.83	ppb
Cobalt	59-2	48.87	49.73	49.37	49.32	0.88	ppb
Copper	63-2	355.51	355.80	360.76	357.36	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	87628.30	88971.13	89019.04	88539.49	0.89	ppb
Iron	57-2	88506.09	90646.67	88345.23	89166.00	1.44	ppb
Iron	54-2	88741.20	90208.17	90063.83	89671.07	0.90	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-05	Instrumnet Name :	P7
Client Sample ID :	MYE4Z1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:06:13	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	97.28	94.38	94.40	95.35	1.75	ppb
Lead	207-1	99.08	96.01	96.76	97.28	1.64	ppb
Lead	208-1	96.30	94.78	94.88	95.32	0.89	ppb
Lithium	6-1				80		%
Magnesium	24-2	17479.75	17861.55	17768.60	17703.30	1.12	ppb
Manganese	55-2	1944.08	1974.55	1966.04	1961.56	0.80	ppb
Molybdenum	94-1	22.53	22.44	22.56	22.51	0.27	ppb
Molybdenum	95-1	1.18	1.22	1.21	1.20	1.58	ppb
Molybdenum	96-1	3.89	3.90	4.01	3.93	1.61	ppb
Molybdenum	97-1	1.20	1.23	1.16	1.19	3.02	ppb
Molybdenum	98-1	1.16	1.18	1.18	1.17	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	86.75	88.26	88.72	87.91	1.17	ppb
Phosphorus	31-2	2314.66	2337.50	2258.79	2303.65	1.76	ppb
Potassium	39-2	9338.07	9510.21	9425.18	9424.49	0.91	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.46	0.43	0.67	0.52	25.34	ppb
Selenium	77-2	18.23	19.77	17.17	18.39	7.11	ppb
Selenium	78-2	3.69	4.38	4.20	4.09	8.82	ppb
Silicon	28-1	1580.20	1573.35	1530.46	1561.34	1.73	ppb
Silver	107-1	0.77	0.78	0.75	0.77	1.92	ppb
Silver	109-1	0.77	0.75	0.75	0.76	1.65	ppb
Sodium	23-2	185.90	189.42	190.58	188.63	1.29	ppb
Strontium	86-1	81.54	81.54	82.41	81.83	0.62	ppb
Strontium	88-1	81.52	82.45	82.42	82.13	0.64	ppb
Sulfur	34-1	-1144.67	-1159.42	-1168.81	-1157.63		ppb
Terbium	159-1				117		%
Terbium	159-2				106		%
Thallium	203-1	0.46	0.44	0.42	0.44	3.54	ppb
Thallium	205-1	0.43	0.42	0.43	0.43	1.22	ppb
Tin	118-1	3.27	3.33	3.28	3.29	0.96	ppb
Titanium	47-1	942.53	946.87	932.23	940.54	0.80	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-05	Instrumnet Name :	P7
Client Sample ID :	MYE4Z1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:06:13	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.12	1.13	1.13	0.81	ppb
Vanadium	51-2	166.54	169.52	169.25	168.43	0.98	ppb
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	334.43	339.30	341.91	338.55	1.12	ppb
Zirconium	90-1	11.96	11.95	12.17	12.03	1.04	ppb
Zirconium	91-1	12.01	12.19	12.27	12.16	1.08	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-06	Instrumnet Name :	P7
Client Sample ID :	MYE4Z2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:09:14	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45278.08	43608.15	44855.04	44580.42	1.95	ppb
Antimony	121-1	2.96	2.95	2.90	2.94	1.12	ppb
Arsenic	75-2	139.03	136.40	135.54	136.99	1.33	ppb
Barium	135-1	537.09	535.49	525.83	532.80	1.14	ppb
Barium	137-1	536.27	533.67	531.20	533.71	0.48	ppb
Beryllium	9-1	1.68	1.72	1.73	1.71	1.61	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.55	3.20	3.16	3.30	6.41	ppb
Cadmium	106-1	2.19	1.58	1.78	1.85	16.76	ppb
Cadmium	111-1	3.06	2.97	2.97	3.00	1.65	ppb
Calcium	43-1	8045.48	8163.38	8078.76	8095.87	0.75	ppb
Calcium	44-1	7608.40	7728.09	7633.69	7656.72	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.17	89.85	91.51	91.18	1.31	ppb
Cobalt	59-2	54.03	52.48	53.44	53.32	1.47	ppb
Copper	63-2	306.83	303.40	304.34	304.86	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	105633.74	103094.32	104563.18	104430.41	1.22	ppb
Iron	57-2	105841.67	101961.90	104818.07	104207.21	1.93	ppb
Iron	54-2	107453.69	103650.64	104744.44	105282.92	1.86	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-06	Instrumnet Name :	P7
Client Sample ID :	MYE4Z2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:09:14	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	112.29	114.73	115.03	114.02	1.32	ppb
Lead	207-1	113.40	115.62	115.52	114.84	1.09	ppb
Lead	208-1	112.50	115.23	114.16	113.96	1.21	ppb
Lithium	6-1				80		%
Magnesium	24-2	19636.85	18899.41	19629.10	19388.45	2.18	ppb
Manganese	55-2	2095.97	2043.25	2091.15	2076.79	1.40	ppb
Molybdenum	94-1	24.42	24.78	24.47	24.56	0.79	ppb
Molybdenum	95-1	1.68	1.68	1.65	1.67	1.08	ppb
Molybdenum	96-1	4.68	4.78	4.73	4.73	0.97	ppb
Molybdenum	97-1	1.64	1.66	1.69	1.66	1.37	ppb
Molybdenum	98-1	1.64	1.66	1.65	1.65	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.07	94.86	97.42	96.78	1.75	ppb
Phosphorus	31-2	2373.97	2332.39	2401.64	2369.33	1.47	ppb
Potassium	39-2	8378.49	8211.83	8457.06	8349.13	1.50	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	0.89	0.88	0.56	0.78	24.26	ppb
Selenium	77-2	16.39	18.19	17.71	17.43	5.36	ppb
Selenium	78-2	4.98	3.97	5.16	4.70	13.65	ppb
Silicon	28-1	1237.18	1239.88	1254.63	1243.90	0.75	ppb
Silver	107-1	0.72	0.71	0.69	0.71	2.32	ppb
Silver	109-1	0.71	0.71	0.70	0.71	1.05	ppb
Sodium	23-2	156.53	152.77	160.12	156.47	2.35	ppb
Strontium	86-1	90.44	91.21	90.45	90.70	0.48	ppb
Strontium	88-1	91.61	93.18	90.91	91.90	1.26	ppb
Sulfur	34-1	-1232.51	-1182.08	-1219.18	-1211.26		ppb
Terbium	159-1				117		%
Terbium	159-2				107		%
Thallium	203-1	0.47	0.49	0.48	0.48	2.42	ppb
Thallium	205-1	0.47	0.48	0.47	0.48	0.62	ppb
Tin	118-1	3.48	3.44	3.40	3.44	1.16	ppb
Titanium	47-1	952.01	966.91	954.30	957.74	0.84	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-06	Instrumnet Name :	P7
Client Sample ID :	MYE4Z2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:09:14	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.26	1.26	1.26	0.31	ppb
Vanadium	51-2	194.63	187.42	191.45	191.16	1.89	ppb
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	384.78	372.20	379.28	378.75	1.66	ppb
Zirconium	90-1	12.97	13.14	12.94	13.02	0.82	ppb
Zirconium	91-1	13.02	13.13	13.12	13.09	0.47	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-07	Instrumnet Name :	P7
Client Sample ID :	MYE4Z3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:12:12	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30168.78	30679.42	29876.26	30241.48	1.34	ppb
Antimony	121-1	4.17	4.09	4.01	4.09	2.00	ppb
Arsenic	75-2	174.13	172.80	171.57	172.83	0.74	ppb
Barium	135-1	377.99	374.42	362.53	371.65	2.18	ppb
Barium	137-1	383.45	370.09	360.70	371.41	3.08	ppb
Beryllium	9-1	1.52	1.48	1.34	1.45	6.62	ppb
Bismuth	209-1				117		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.65	3.28	3.65	3.53	6.00	ppb
Cadmium	106-1	1.93	1.70	1.46	1.69	13.80	ppb
Cadmium	111-1	3.46	3.40	3.27	3.38	2.83	ppb
Calcium	43-1	6190.09	6108.16	6076.19	6124.81	0.96	ppb
Calcium	44-1	5770.72	5768.09	5765.63	5768.14	0.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81.62	81.73	80.14	81.16	1.09	ppb
Cobalt	59-2	46.18	45.74	44.53	45.48	1.87	ppb
Copper	63-2	319.67	316.23	310.19	315.37	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	98583.50	97758.73	95374.73	97238.99	1.71	ppb
Iron	57-2	100446.68	98821.92	95413.25	98227.29	2.62	ppb
Iron	54-2	100629.27	98959.82	96565.60	98718.23	2.07	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-07	Instrumnet Name :	P7
Client Sample ID :	MYE4Z3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:12:12	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	137.90	138.08	135.83	137.27	0.91	ppb
Lead	207-1	140.41	138.94	136.11	138.49	1.58	ppb
Lead	208-1	138.61	137.16	135.61	137.13	1.10	ppb
Lithium	6-1				79		%
Magnesium	24-2	15119.71	15036.87	14736.10	14964.23	1.35	ppb
Manganese	55-2	1701.15	1658.58	1638.03	1665.92	1.93	ppb
Molybdenum	94-1	18.80	18.57	18.55	18.64	0.75	ppb
Molybdenum	95-1	1.76	1.77	1.75	1.76	0.52	ppb
Molybdenum	96-1	4.18	4.20	4.11	4.16	1.14	ppb
Molybdenum	97-1	1.76	1.75	1.73	1.75	1.12	ppb
Molybdenum	98-1	1.77	1.71	1.72	1.73	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.28	76.31	74.25	75.95	2.03	ppb
Phosphorus	31-2	1937.47	1918.14	1873.44	1909.68	1.72	ppb
Potassium	39-2	6515.30	6557.11	6418.35	6496.92	1.10	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	0.76	0.78	0.53	0.69	20.51	ppb
Selenium	77-2	14.55	14.40	17.56	15.50	11.48	ppb
Selenium	78-2	3.79	4.57	5.27	4.54	16.32	ppb
Silicon	28-1	1158.99	1153.90	1158.43	1157.11	0.24	ppb
Silver	107-1	1.15	1.13	1.09	1.12	2.82	ppb
Silver	109-1	1.15	1.13	1.11	1.13	1.94	ppb
Sodium	23-2	152.20	150.56	149.39	150.72	0.94	ppb
Strontium	86-1	59.57	58.79	58.40	58.92	1.01	ppb
Strontium	88-1	59.56	59.09	58.68	59.11	0.75	ppb
Sulfur	34-1	-1231.63	-1237.48	-1203.11	-1224.07		ppb
Terbium	159-1				118		%
Terbium	159-2				107		%
Thallium	203-1	0.42	0.41	0.41	0.42	1.41	ppb
Thallium	205-1	0.42	0.41	0.41	0.41	1.08	ppb
Tin	118-1	3.47	3.48	3.32	3.42	2.67	ppb
Titanium	47-1	940.33	940.48	934.54	938.45	0.36	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-07	Instrumnet Name :	P7
Client Sample ID :	MYE4Z3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:12:12	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.12	1.11	1.12	0.84	ppb
Vanadium	51-2	180.52	178.28	176.56	178.45	1.11	ppb
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	385.89	378.18	371.45	378.51	1.91	ppb
Zirconium	90-1	9.79	9.53	9.50	9.61	1.66	ppb
Zirconium	91-1	9.80	9.56	9.77	9.71	1.37	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-08	Instrumnet Name :	P7
Client Sample ID :	MYE4Z4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:15:12	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42628.19	42589.97	43093.55	42770.57	0.66	ppb
Antimony	121-1	2.49	2.54	2.53	2.52	1.04	ppb
Arsenic	75-2	135.72	136.61	135.56	135.96	0.42	ppb
Barium	135-1	497.37	496.42	499.16	497.65	0.28	ppb
Barium	137-1	492.27	497.24	495.63	495.05	0.51	ppb
Beryllium	9-1	1.70	1.77	1.71	1.73	2.29	ppb
Bismuth	209-1				118		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.74	3.86	3.70	3.77	2.28	ppb
Cadmium	106-1	3.08	2.26	2.21	2.52	19.41	ppb
Cadmium	111-1	3.63	3.68	3.66	3.66	0.72	ppb
Calcium	43-1	7727.96	7926.85	7869.32	7841.38	1.31	ppb
Calcium	44-1	7311.63	7460.15	7494.28	7422.02	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85.06	85.28	85.59	85.31	0.31	ppb
Cobalt	59-2	51.16	51.43	51.73	51.44	0.55	ppb
Copper	63-2	394.96	400.92	402.86	399.58	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	95370.54	96382.36	96905.02	96219.31	0.81	ppb
Iron	57-2	96123.74	94994.98	95532.01	95550.24	0.59	ppb
Iron	54-2	96226.88	96156.00	97131.46	96504.78	0.56	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-08	Instrumnet Name :	P7
Client Sample ID :	MYE4Z4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:15:12	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	114.80	116.35	117.01	116.05	0.98	ppb
Lead	207-1	116.93	116.71	117.43	117.02	0.31	ppb
Lead	208-1	116.81	117.44	116.85	117.04	0.30	ppb
Lithium	6-1				82		%
Magnesium	24-2	18291.56	18722.27	18427.36	18480.40	1.19	ppb
Manganese	55-2	2303.45	2276.33	2314.35	2298.05	0.85	ppb
Molybdenum	94-1	23.43	23.56	23.61	23.53	0.39	ppb
Molybdenum	95-1	1.42	1.43	1.41	1.42	0.57	ppb
Molybdenum	96-1	4.33	4.40	4.38	4.37	0.82	ppb
Molybdenum	97-1	1.41	1.38	1.40	1.40	1.15	ppb
Molybdenum	98-1	1.41	1.40	1.42	1.41	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.75	87.83	88.26	87.94	0.31	ppb
Phosphorus	31-2	1889.53	1925.48	1949.62	1921.54	1.57	ppb
Potassium	39-2	8815.52	8781.76	8811.96	8803.08	0.21	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	0.57	0.94	1.15	0.89	33.53	ppb
Selenium	77-2	20.69	20.19	20.56	20.48	1.26	ppb
Selenium	78-2	5.37	3.99	4.45	4.60	15.24	ppb
Silicon	28-1	1318.58	1348.93	1334.85	1334.12	1.14	ppb
Silver	107-1	0.83	0.83	0.84	0.83	0.82	ppb
Silver	109-1	0.82	0.83	0.84	0.83	1.08	ppb
Sodium	23-2	169.46	172.29	174.70	172.15	1.53	ppb
Strontium	86-1	72.89	72.27	72.91	72.69	0.50	ppb
Strontium	88-1	73.80	73.04	73.06	73.30	0.59	ppb
Sulfur	34-1	-1123.59	-1088.61	-1105.43	-1105.87		ppb
Terbium	159-1				120		%
Terbium	159-2				108		%
Thallium	203-1	0.47	0.50	0.50	0.49	3.57	ppb
Thallium	205-1	0.48	0.49	0.49	0.49	1.19	ppb
Tin	118-1	3.54	3.60	3.61	3.58	1.02	ppb
Titanium	47-1	819.40	845.46	834.63	833.16	1.57	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-08	Instrumnet Name :	P7
Client Sample ID :	MYE4Z4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:15:12	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.27	1.28	1.27	0.67	ppb
Vanadium	51-2	180.21	180.28	183.32	181.27	0.98	ppb
Yttrium	89-1				117		%
Yttrium	89-2				109		%
Zinc	66-2	380.45	383.35	382.89	382.23	0.41	ppb
Zirconium	90-1	12.66	12.62	12.62	12.63	0.18	ppb
Zirconium	91-1	12.59	12.54	12.73	12.62	0.77	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-09	Instrumnet Name :	P7
Client Sample ID :	MYE4Z5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:18:10	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32427.11	30994.80	31542.56	31654.82	2.28	ppb
Antimony	121-1	3.41	3.40	3.51	3.44	1.84	ppb
Arsenic	75-2	143.87	146.44	145.04	145.12	0.89	ppb
Barium	135-1	362.18	362.42	366.84	363.81	0.72	ppb
Barium	137-1	362.87	358.92	364.97	362.25	0.85	ppb
Beryllium	9-1	1.28	1.26	1.22	1.25	2.14	ppb
Bismuth	209-1				119		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.68	3.48	3.71	3.62	3.49	ppb
Cadmium	106-1	2.59	1.69	1.46	1.91	31.36	ppb
Cadmium	111-1	3.40	3.37	3.46	3.41	1.30	ppb
Calcium	43-1	6036.60	5997.52	6098.45	6044.19	0.84	ppb
Calcium	44-1	5633.30	5629.99	5773.31	5678.87	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79.64	77.90	78.98	78.84	1.12	ppb
Cobalt	59-2	45.79	45.23	45.74	45.59	0.68	ppb
Copper	63-2	434.41	421.92	426.58	427.64	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	56-2	91017.58	88834.38	90622.90	90158.28	1.29	ppb
Iron	57-2	90677.04	88499.17	90014.39	89730.20	1.24	ppb
Iron	54-2	92866.82	90280.38	92449.06	91865.42	1.51	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-09	Instrumnet Name :	P7
Client Sample ID :	MYE4Z5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:18:10	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	145.33	144.87	146.45	145.55	0.56	ppb
Lead	207-1	147.79	148.80	148.38	148.32	0.34	ppb
Lead	208-1	145.18	145.46	146.74	145.79	0.57	ppb
Lithium	6-1				82		%
Magnesium	24-2	15663.92	15161.31	15230.91	15352.05	1.77	ppb
Manganese	55-2	1768.54	1726.27	1761.83	1752.21	1.30	ppb
Molybdenum	94-1	21.10	20.60	21.21	20.97	1.57	ppb
Molybdenum	95-1	1.33	1.31	1.34	1.32	1.23	ppb
Molybdenum	96-1	3.95	3.87	3.98	3.93	1.34	ppb
Molybdenum	97-1	1.37	1.28	1.35	1.33	3.69	ppb
Molybdenum	98-1	1.33	1.28	1.32	1.31	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	75.16	73.60	74.66	74.47	1.07	ppb
Phosphorus	31-2	1846.97	1764.71	1797.25	1802.98	2.30	ppb
Potassium	39-2	6964.57	6711.48	6793.23	6823.09	1.89	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.67	0.64	0.66	0.66	2.20	ppb
Selenium	77-2	15.66	15.73	15.20	15.53	1.87	ppb
Selenium	78-2	4.61	4.80	4.37	4.59	4.72	ppb
Silicon	28-1	1448.62	1413.96	1479.66	1447.41	2.27	ppb
Silver	107-1	1.16	1.17	1.18	1.17	0.69	ppb
Silver	109-1	1.17	1.16	1.17	1.17	0.80	ppb
Sodium	23-2	168.82	165.31	165.68	166.60	1.16	ppb
Strontium	86-1	55.74	54.78	56.22	55.58	1.32	ppb
Strontium	88-1	56.98	55.72	57.10	56.60	1.35	ppb
Sulfur	34-1	-1213.59	-1271.15	-1247.20	-1243.98		ppb
Terbium	159-1				120		%
Terbium	159-2				107		%
Thallium	203-1	0.43	0.44	0.45	0.44	2.02	ppb
Thallium	205-1	0.43	0.43	0.43	0.43	0.94	ppb
Tin	118-1	3.48	3.42	3.50	3.47	1.19	ppb
Titanium	47-1	999.07	987.11	1010.63	998.94	1.18	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-09	Instrumnet Name :	P7
Client Sample ID :	MYE4Z5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:18:10	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.12	1.16	1.13	1.94	ppb
Vanadium	51-2	168.53	165.30	167.50	167.11	0.99	ppb
Yttrium	89-1				117		%
Yttrium	89-2				108		%
Zinc	66-2	382.28	374.22	378.70	378.40	1.07	ppb
Zirconium	90-1	11.31	11.12	11.33	11.25	1.05	ppb
Zirconium	91-1	11.39	11.15	11.35	11.30	1.16	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:21:11	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36381.24	35612.43	35793.78	35929.15	1.12	ppb
Antimony	121-1	3.27	3.30	3.29	3.29	0.44	ppb
Arsenic	75-2	203.06	202.14	204.17	203.13	0.50	ppb
Barium	135-1	428.45	430.81	430.27	429.84	0.29	ppb
Barium	137-1	428.02	428.35	427.63	428.00	0.08	ppb
Beryllium	9-1	1.49	1.44	1.53	1.48	2.98	ppb
Bismuth	209-1				120		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.31	3.93	4.03	4.09	4.83	ppb
Cadmium	106-1	2.96	2.80	2.87	2.88	2.88	ppb
Cadmium	111-1	3.74	3.76	3.83	3.78	1.25	ppb
Calcium	43-1	6415.09	6457.12	6479.55	6450.59	0.51	ppb
Calcium	44-1	6107.28	6032.64	6091.72	6077.21	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84.71	82.97	83.65	83.78	1.05	ppb
Cobalt	59-2	51.72	51.70	51.72	51.71	0.02	ppb
Copper	63-2	481.69	476.34	476.58	478.20	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	56-2	102207.83	100354.30	100194.94	100919.03	1.11	ppb
Iron	57-2	100831.72	100706.93	101363.06	100967.24	0.35	ppb
Iron	54-2	103129.32	101006.77	101389.33	101841.81	1.11	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:21:11	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	141.81	146.32	148.51	145.55	2.35	ppb
Lead	207-1	143.86	145.94	147.92	145.91	1.39	ppb
Lead	208-1	143.27	147.27	148.07	146.20	1.76	ppb
Lithium	6-1				83		%
Magnesium	24-2	17346.20	17302.77	17264.48	17304.48	0.24	ppb
Manganese	55-2	2077.20	2035.51	2052.84	2055.18	1.02	ppb
Molybdenum	94-1	24.37	24.97	25.41	24.92	2.09	ppb
Molybdenum	95-1	1.35	1.39	1.41	1.38	2.27	ppb
Molybdenum	96-1	4.45	4.47	4.54	4.49	1.10	ppb
Molybdenum	97-1	1.43	1.41	1.37	1.40	2.39	ppb
Molybdenum	98-1	1.36	1.38	1.40	1.38	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	81.75	81.73	82.12	81.87	0.27	ppb
Phosphorus	31-2	1893.20	1880.56	1887.42	1887.06	0.34	ppb
Potassium	39-2	7876.84	7818.49	7654.48	7783.27	1.48	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	0.53	0.90	0.89	0.78	26.93	ppb
Selenium	77-2	19.55	17.48	19.07	18.70	5.80	ppb
Selenium	78-2	4.22	4.28	4.40	4.30	2.07	ppb
Silicon	28-1	1410.67	1434.68	1444.49	1429.95	1.22	ppb
Silver	107-1	1.05	1.07	1.06	1.06	0.81	ppb
Silver	109-1	1.04	1.04	1.07	1.05	1.76	ppb
Sodium	23-2	168.36	167.06	166.98	167.47	0.46	ppb
Strontium	86-1	63.31	64.78	64.96	64.35	1.41	ppb
Strontium	88-1	64.02	66.03	65.06	65.04	1.55	ppb
Sulfur	34-1	-1294.19	-1287.70	-1283.43	-1288.44		ppb
Terbium	159-1				120		%
Terbium	159-2				109		%
Thallium	203-1	0.47	0.47	0.49	0.48	2.63	ppb
Thallium	205-1	0.45	0.47	0.47	0.46	2.16	ppb
Tin	118-1	3.50	3.56	3.52	3.53	0.75	ppb
Titanium	47-1	1058.28	1053.13	1092.43	1067.95	2.00	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:21:11	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.26	1.28	1.26	1.71	ppb
Vanadium	51-2	190.52	182.95	185.07	186.18	2.10	ppb
Yttrium	89-1				117		%
Yttrium	89-2				109		%
Zinc	66-2	394.58	394.42	393.98	394.33	0.08	ppb
Zirconium	90-1	12.95	13.30	13.40	13.22	1.76	ppb
Zirconium	91-1	13.14	13.49	13.52	13.38	1.60	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-11	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:24:10	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35786.94	35842.21	35370.47	35666.54	0.72	ppb
Antimony	121-1	3.35	3.27	3.30	3.31	1.19	ppb
Arsenic	75-2	199.47	197.96	196.61	198.02	0.72	ppb
Barium	135-1	438.13	427.34	427.40	430.95	1.44	ppb
Barium	137-1	437.38	432.40	431.93	433.90	0.70	ppb
Beryllium	9-1	1.57	1.38	1.54	1.50	6.70	ppb
Bismuth	209-1				119		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.16	3.88	4.11	4.05	3.74	ppb
Cadmium	106-1	3.04	2.27	2.16	2.49	19.20	ppb
Cadmium	111-1	3.86	3.90	3.86	3.87	0.57	ppb
Calcium	43-1	6612.40	6468.30	6488.26	6522.99	1.20	ppb
Calcium	44-1	6232.04	6084.73	6181.37	6166.05	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84.02	83.75	83.82	83.86	0.17	ppb
Cobalt	59-2	51.65	51.14	51.44	51.41	0.50	ppb
Copper	63-2	473.81	481.56	478.57	477.98	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	56-2	101343.00	99435.56	100778.74	100519.10	0.97	ppb
Iron	57-2	99343.21	100375.86	100290.18	100003.08	0.57	ppb
Iron	54-2	101588.51	100701.61	101951.15	101413.76	0.63	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-11	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:24:10	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	148.58	147.71	145.94	147.41	0.91	ppb
Lead	207-1	152.28	149.66	148.35	150.10	1.33	ppb
Lead	208-1	148.87	147.96	146.55	147.79	0.79	ppb
Lithium	6-1				82		%
Magnesium	24-2	17270.43	17286.11	17194.71	17250.42	0.28	ppb
Manganese	55-2	2086.86	2082.40	2069.94	2079.73	0.42	ppb
Molybdenum	94-1	25.16	24.78	24.81	24.92	0.84	ppb
Molybdenum	95-1	1.49	1.48	1.46	1.48	1.09	ppb
Molybdenum	96-1	4.64	4.57	4.51	4.57	1.40	ppb
Molybdenum	97-1	1.52	1.48	1.42	1.47	3.42	ppb
Molybdenum	98-1	1.47	1.44	1.45	1.46	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	81.57	81.40	81.70	81.56	0.18	ppb
Phosphorus	31-2	1909.85	1878.47	1882.11	1890.14	0.91	ppb
Potassium	39-2	7797.06	7708.88	7662.04	7722.66	0.89	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.96	0.95	0.78	0.90	11.03	ppb
Selenium	77-2	17.88	19.82	18.84	18.85	5.15	ppb
Selenium	78-2	5.35	4.96	4.01	4.77	14.42	ppb
Silicon	28-1	1458.46	1441.66	1447.79	1449.31	0.59	ppb
Silver	107-1	1.09	1.04	1.07	1.06	2.28	ppb
Silver	109-1	1.08	1.04	1.09	1.07	2.32	ppb
Sodium	23-2	170.35	171.10	173.34	171.60	0.91	ppb
Strontium	86-1	65.82	64.61	64.65	65.02	1.06	ppb
Strontium	88-1	66.68	65.46	65.44	65.86	1.08	ppb
Sulfur	34-1	-1250.73	-1288.76	-1244.31	-1261.26		ppb
Terbium	159-1				119		%
Terbium	159-2				108		%
Thallium	203-1	0.48	0.49	0.49	0.49	1.13	ppb
Thallium	205-1	0.48	0.48	0.48	0.48	0.43	ppb
Tin	118-1	3.54	3.50	3.53	3.53	0.56	ppb
Titanium	47-1	1075.01	1061.35	1078.27	1071.54	0.84	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-11	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:24:10	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.31	1.27	1.29	1.29	1.46	ppb
Vanadium	51-2	186.42	182.23	182.83	183.83	1.23	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	394.89	395.71	394.19	394.93	0.19	ppb
Zirconium	90-1	13.42	13.26	13.15	13.27	1.01	ppb
Zirconium	91-1	13.61	13.15	13.18	13.31	1.93	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 02:27:09	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7174.07	7339.56	7196.61	7236.74	1.24	ppb
Antimony	121-1	0.66	0.64	0.65	0.65	1.36	ppb
Arsenic	75-2	42.07	42.20	41.32	41.87	1.13	ppb
Barium	135-1	84.09	83.46	81.97	83.17	1.31	ppb
Barium	137-1	84.39	83.73	83.33	83.82	0.64	ppb
Beryllium	9-1	0.30	0.30	0.29	0.30	1.03	ppb
Bismuth	209-1				116		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.73	0.75	0.82	0.77	6.06	ppb
Cadmium	106-1	-0.99	-1.37	-1.33	-1.23		ppb
Cadmium	111-1	0.78	0.72	0.70	0.73	6.24	ppb
Calcium	43-1	1315.04	1322.22	1304.52	1313.93	0.68	ppb
Calcium	44-1	1231.88	1244.86	1217.72	1231.49	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.57	16.71	16.59	16.63	0.47	ppb
Cobalt	59-2	10.51	10.41	10.41	10.44	0.53	ppb
Copper	63-2	96.95	96.99	96.96	96.97	0.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	20075.65	20294.68	20092.42	20154.25	0.60	ppb
Iron	57-2	20469.63	20316.81	20169.68	20318.71	0.74	ppb
Iron	54-2	20472.01	20195.28	20432.81	20366.70	0.74	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 02:27:09	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.71	29.21	29.49	29.47	0.84	ppb
Lead	207-1	29.95	29.64	29.74	29.78	0.53	ppb
Lead	208-1	29.63	29.26	29.41	29.44	0.63	ppb
Lithium	6-1				84		%
Magnesium	24-2	3435.81	3492.19	3423.22	3450.41	1.06	ppb
Manganese	55-2	413.00	417.61	411.13	413.91	0.81	ppb
Molybdenum	94-1	4.91	4.90	4.93	4.92	0.28	ppb
Molybdenum	95-1	0.28	0.28	0.28	0.28	0.85	ppb
Molybdenum	96-1	0.91	0.95	0.90	0.92	2.48	ppb
Molybdenum	97-1	0.29	0.29	0.27	0.28	3.07	ppb
Molybdenum	98-1	0.27	0.28	0.27	0.27	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.72	16.53	16.58	16.61	0.57	ppb
Phosphorus	31-2	378.97	373.93	346.39	366.43	4.79	ppb
Potassium	39-2	1553.60	1529.66	1553.36	1545.54	0.89	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	-0.37	0.05	-0.46	-0.26		ppb
Selenium	77-2	3.07	4.20	4.35	3.87	17.97	ppb
Selenium	78-2	0.80	1.38	0.87	1.02	30.67	ppb
Silicon	28-1	286.70	287.05	284.50	286.08	0.48	ppb
Silver	107-1	0.20	0.20	0.20	0.20	2.65	ppb
Silver	109-1	0.21	0.21	0.20	0.21	1.75	ppb
Sodium	23-2	51.25	50.72	50.94	50.97	0.53	ppb
Strontium	86-1	12.98	13.02	12.93	12.98	0.32	ppb
Strontium	88-1	13.16	13.10	13.16	13.14	0.26	ppb
Sulfur	34-1	-1338.72	-1345.05	-1368.15	-1350.64		ppb
Terbium	159-1				118		%
Terbium	159-2				109		%
Thallium	203-1	0.10	0.10	0.10	0.10	2.47	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	2.93	ppb
Tin	118-1	0.66	0.64	0.66	0.65	1.22	ppb
Titanium	47-1	216.19	216.61	214.63	215.81	0.48	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 02:27:09	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.25	0.25	0.25	0.61	ppb
Vanadium	51-2	36.37	36.40	36.16	36.31	0.36	ppb
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	81.15	81.38	81.27	81.27	0.14	ppb
Zirconium	90-1	2.63	2.63	2.63	2.63	0.08	ppb
Zirconium	91-1	2.64	2.71	2.64	2.66	1.49	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-12	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:30:18	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37749.00	37157.23	37194.32	37366.85	0.89	ppb
Antimony	121-1	60.82	60.75	62.25	61.27	1.39	ppb
Arsenic	75-2	227.21	228.87	231.50	229.19	0.94	ppb
Barium	135-1	1555.50	1573.14	1577.79	1568.81	0.75	ppb
Barium	137-1	1577.44	1575.27	1544.76	1565.83	1.17	ppb
Beryllium	9-1	30.03	30.50	30.63	30.39	1.04	ppb
Bismuth	209-1				118		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	30.48	29.32	29.48	29.76	2.11	ppb
Cadmium	106-1	28.00	28.48	27.61	28.03	1.56	ppb
Cadmium	111-1	32.38	32.74	32.24	32.45	0.78	ppb
Calcium	43-1	6672.09	6590.21	6668.07	6643.46	0.69	ppb
Calcium	44-1	6341.96	6301.19	6377.16	6340.10	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205.51	200.36	202.35	202.74	1.28	ppb
Cobalt	59-2	353.42	347.34	348.06	349.61	0.95	ppb
Copper	63-2	631.05	613.24	629.68	624.66	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	56-2	102352.25	101605.52	101747.02	101901.60	0.39	ppb
Iron	57-2	103486.91	100775.33	100640.37	101634.20	1.58	ppb
Iron	54-2	104386.36	102157.04	102154.25	102899.22	1.25	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-12	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:30:18	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	159.25	158.19	159.86	159.10	0.53	ppb
Lead	207-1	163.15	161.02	162.73	162.30	0.70	ppb
Lead	208-1	161.16	160.60	161.35	161.04	0.24	ppb
Lithium	6-1				84		%
Magnesium	24-2	17762.72	17295.09	17521.47	17526.43	1.33	ppb
Manganese	55-2	2390.38	2320.64	2330.90	2347.30	1.60	ppb
Molybdenum	94-1	25.41	25.15	25.16	25.24	0.57	ppb
Molybdenum	95-1	1.43	1.41	1.44	1.43	1.05	ppb
Molybdenum	96-1	4.55	4.55	4.61	4.57	0.67	ppb
Molybdenum	97-1	1.43	1.44	1.39	1.42	1.93	ppb
Molybdenum	98-1	1.40	1.41	1.42	1.41	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	389.96	381.90	381.09	384.32	1.28	ppb
Phosphorus	31-2	1906.35	1871.81	1872.81	1883.66	1.04	ppb
Potassium	39-2	7732.48	7713.46	7699.91	7715.28	0.21	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	61.98	59.96	61.20	61.04	1.67	ppb
Selenium	77-2	83.45	79.12	77.75	80.10	3.72	ppb
Selenium	78-2	64.09	63.07	67.31	64.82	3.42	ppb
Silicon	28-1	1476.20	1455.20	1488.82	1473.40	1.15	ppb
Silver	107-1	25.37	25.52	25.17	25.35	0.69	ppb
Silver	109-1	25.52	25.43	24.93	25.29	1.26	ppb
Sodium	23-2	165.75	161.53	164.70	163.99	1.34	ppb
Strontium	86-1	65.63	65.55	65.69	65.62	0.11	ppb
Strontium	88-1	66.74	65.43	65.87	66.01	1.01	ppb
Sulfur	34-1	-1208.09	-1234.15	-1208.07	-1216.77		ppb
Terbium	159-1				119		%
Terbium	159-2				107		%
Thallium	203-1	29.53	29.91	29.93	29.79	0.75	ppb
Thallium	205-1	29.18	29.14	29.29	29.20	0.27	ppb
Tin	118-1	3.55	3.59	3.53	3.56	0.93	ppb
Titanium	47-1	1107.38	1104.62	1108.95	1106.98	0.20	ppb

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-12	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:30:18	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.30	1.30	1.29	0.26	ppb
Vanadium	51-2	483.22	465.14	474.24	474.20	1.91	ppb
Yttrium	89-1				114		%
Yttrium	89-2				106		%
Zinc	66-2	709.81	690.35	694.55	698.24	1.47	ppb
Zirconium	90-1	13.39	13.43	13.43	13.42	0.16	ppb
Zirconium	91-1	13.45	13.57	13.60	13.54	0.57	ppb

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10MS	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:33:13	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39344.75	40483.04	40814.37	40214.05	1.92	ppb
Antimony	121-1	277.84	262.18	269.31	269.78	2.91	ppb
Arsenic	75-2	296.75	301.45	296.89	298.36	0.90	ppb
Barium	135-1	5991.45	5664.63	5777.00	5811.03	2.86	ppb
Barium	137-1	6020.24	5645.65	5825.99	5830.63	3.21	ppb
Beryllium	9-1	145.99	133.25	141.32	140.19	4.60	ppb
Bismuth	209-1				119		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	130.01	118.59	124.24	124.28	4.59	ppb
Cadmium	106-1	124.06	116.16	120.06	120.10	3.29	ppb
Cadmium	111-1	141.17	132.34	137.16	136.89	3.23	ppb
Calcium	43-1	6360.77	5979.93	6297.65	6212.79	3.29	ppb
Calcium	44-1	6468.86	6022.84	6243.37	6245.02	3.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	642.93	647.88	661.60	650.80	1.49	ppb
Cobalt	59-2	1464.91	1497.07	1516.93	1492.97	1.76	ppb
Copper	63-2	1129.39	1169.80	1177.75	1158.98	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	56-2	98960.53	101274.25	102381.92	100872.23	1.73	ppb
Iron	57-2	98309.87	101550.65	102390.61	100750.38	2.14	ppb
Iron	54-2	100451.00	101796.96	104755.17	102334.38	2.15	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10MS	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:33:13	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	202.23	188.71	196.55	195.83	3.47	ppb
Lead	207-1	205.15	188.79	198.62	197.52	4.17	ppb
Lead	208-1	202.39	187.55	196.37	195.44	3.82	ppb
Lithium	6-1				82		%
Magnesium	24-2	16817.23	16850.67	17445.06	17037.65	2.07	ppb
Manganese	55-2	3305.41	3326.94	3421.17	3351.17	1.84	ppb
Molybdenum	94-1	24.45	22.91	23.90	23.76	3.27	ppb
Molybdenum	95-1	1.44	1.33	1.38	1.38	4.02	ppb
Molybdenum	96-1	4.42	4.20	4.38	4.33	2.73	ppb
Molybdenum	97-1	1.43	1.32	1.34	1.36	4.05	ppb
Molybdenum	98-1	1.45	1.34	1.40	1.40	4.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1516.33	1546.02	1571.55	1544.63	1.79	ppb
Phosphorus	31-2	1783.49	1797.67	1841.57	1807.57	1.68	ppb
Potassium	39-2	7240.03	7423.40	7421.41	7361.61	1.43	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	303.07	282.95	295.10	293.71	3.45	ppb
Selenium	77-2	299.86	308.49	311.19	306.51	1.93	ppb
Selenium	78-2	293.68	297.72	286.83	292.75	1.88	ppb
Silicon	28-1	1423.72	1317.98	1387.99	1376.56	3.91	ppb
Silver	107-1	118.51	109.89	114.23	114.21	3.77	ppb
Silver	109-1	118.07	110.60	116.96	115.21	3.49	ppb
Sodium	23-2	155.41	161.54	162.76	159.91	2.46	ppb
Strontium	86-1	64.08	59.15	62.08	61.77	4.01	ppb
Strontium	88-1	64.42	59.46	62.45	62.11	4.02	ppb
Sulfur	34-1	-1242.50	-1414.73	-1296.81	-1318.01		ppb
Terbium	159-1				119		%
Terbium	159-2				108		%
Thallium	203-1	138.72	128.11	134.76	133.86	4.01	ppb
Thallium	205-1	138.20	128.46	134.31	133.66	3.67	ppb
Tin	118-1	3.41	3.24	3.30	3.31	2.58	ppb
Titanium	47-1	1066.99	992.76	1019.94	1026.56	3.66	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10MS	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:33:13	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.25	1.16	1.22	1.21	3.69	ppb
Vanadium	51-2	1547.10	1576.79	1600.62	1574.84	1.70	ppb
Yttrium	89-1				114		%
Yttrium	89-2				105		%
Zinc	66-2	1770.02	1811.35	1861.50	1814.29	2.53	ppb
Zirconium	90-1	13.02	12.24	12.80	12.69	3.17	ppb
Zirconium	91-1	13.36	12.24	12.84	12.81	4.40	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-13	Instrumnet Name :	P7
Client Sample ID :	MYE4Z7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:36:02	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37876.61	36796.47	37643.81	37438.96	1.52	ppb
Antimony	121-1	2.53	2.66	2.66	2.62	3.02	ppb
Arsenic	75-2	128.94	130.10	129.81	129.62	0.47	ppb
Barium	135-1	410.61	437.55	426.68	424.95	3.19	ppb
Barium	137-1	411.12	431.05	426.37	422.85	2.46	ppb
Beryllium	9-1	1.45	1.35	1.47	1.42	4.51	ppb
Bismuth	209-1				118		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.43	3.90	3.58	3.63	6.64	ppb
Cadmium	106-1	2.06	1.45	1.73	1.75	17.56	ppb
Cadmium	111-1	3.30	3.42	3.48	3.40	2.69	ppb
Calcium	43-1	7273.09	7792.22	7766.24	7610.52	3.84	ppb
Calcium	44-1	6926.76	7391.59	7253.14	7190.49	3.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79.71	77.90	79.46	79.02	1.24	ppb
Cobalt	59-2	48.56	47.09	48.58	48.07	1.78	ppb
Copper	63-2	399.28	381.52	394.41	391.74	2.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	56-2	90329.04	87370.75	88351.59	88683.79	1.70	ppb
Iron	57-2	89315.94	86321.88	89112.13	88249.98	1.90	ppb
Iron	54-2	90703.23	87985.82	88864.91	89184.65	1.55	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-13	Instrumnet Name :	P7
Client Sample ID :	MYE4Z7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:36:02	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	126.42	134.81	134.43	131.89	3.59	ppb
Lead	207-1	130.44	134.96	134.83	133.41	1.93	ppb
Lead	208-1	128.30	134.59	134.04	132.31	2.63	ppb
Lithium	6-1				82		%
Magnesium	24-2	17227.17	16609.87	17136.82	16991.29	1.96	ppb
Manganese	55-2	1852.47	1812.96	1827.44	1830.96	1.09	ppb
Molybdenum	94-1	21.73	22.93	22.98	22.55	3.15	ppb
Molybdenum	95-1	1.19	1.25	1.26	1.23	2.76	ppb
Molybdenum	96-1	3.86	4.12	4.14	4.04	3.96	ppb
Molybdenum	97-1	1.22	1.29	1.24	1.25	2.71	ppb
Molybdenum	98-1	1.18	1.26	1.28	1.24	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.04	75.47	77.59	77.04	1.78	ppb
Phosphorus	31-2	2169.04	2132.69	2149.50	2150.41	0.85	ppb
Potassium	39-2	7649.08	7584.67	7672.48	7635.41	0.60	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	0.52	0.81	0.77	0.70	22.36	ppb
Selenium	77-2	16.00	18.35	17.08	17.14	6.86	ppb
Selenium	78-2	3.99	3.68	4.10	3.92	5.54	ppb
Silicon	28-1	1554.65	1695.33	1685.23	1645.07	4.77	ppb
Silver	107-1	0.93	0.97	0.94	0.95	2.15	ppb
Silver	109-1	0.93	0.96	0.96	0.95	1.91	ppb
Sodium	23-2	167.80	164.74	170.48	167.67	1.72	ppb
Strontium	86-1	63.99	68.24	67.74	66.66	3.48	ppb
Strontium	88-1	64.60	68.36	68.33	67.10	3.22	ppb
Sulfur	34-1	-1187.21	-1079.18	-1073.66	-1113.35		ppb
Terbium	159-1				118		%
Terbium	159-2				107		%
Thallium	203-1	0.42	0.43	0.43	0.43	1.52	ppb
Thallium	205-1	0.40	0.44	0.43	0.43	4.46	ppb
Tin	118-1	3.78	4.05	4.02	3.95	3.77	ppb
Titanium	47-1	876.14	929.40	933.76	913.10	3.51	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-13	Instrumnet Name :	P7
Client Sample ID :	MYE4Z7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:36:02	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.11	1.08	1.07	3.95	ppb
Vanadium	51-2	165.88	162.97	164.05	164.30	0.89	ppb
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	409.34	394.34	409.02	404.23	2.12	ppb
Zirconium	90-1	11.55	12.31	12.36	12.07	3.76	ppb
Zirconium	91-1	11.68	12.34	12.49	12.17	3.55	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Z8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:39:02	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44859.75	44655.94	45201.12	44905.60	0.61	ppb
Antimony	121-1	2.46	2.47	2.53	2.48	1.44	ppb
Arsenic	75-2	153.08	155.33	152.64	153.68	0.94	ppb
Barium	135-1	618.24	625.77	626.28	623.43	0.72	ppb
Barium	137-1	612.51	626.73	620.86	620.03	1.15	ppb
Beryllium	9-1	1.79	1.88	1.72	1.80	4.36	ppb
Bismuth	209-1				117		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.58	3.58	3.46	3.54	1.83	ppb
Cadmium	106-1	2.39	1.81	2.18	2.13	13.76	ppb
Cadmium	111-1	3.39	3.43	3.49	3.44	1.39	ppb
Calcium	43-1	9055.02	9239.76	9395.97	9230.25	1.85	ppb
Calcium	44-1	8602.82	8703.87	8833.39	8713.36	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.94	102.55	103.51	103.00	0.47	ppb
Cobalt	59-2	58.99	59.13	59.28	59.13	0.24	ppb
Copper	63-2	412.35	417.11	417.28	415.58	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	111113.64	109751.71	112191.82	111019.06	1.10	ppb
Iron	57-2	111868.45	110735.89	111827.43	111477.25	0.58	ppb
Iron	54-2	112595.39	110818.20	113332.00	112248.53	1.15	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Z8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:39:02	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	124.64	125.75	124.85	125.08	0.47	ppb
Lead	207-1	124.96	128.51	127.61	127.03	1.45	ppb
Lead	208-1	125.21	127.28	125.79	126.10	0.85	ppb
Lithium	6-1				82		%
Magnesium	24-2	21571.21	21393.07	21644.86	21536.38	0.60	ppb
Manganese	55-2	2793.04	2759.48	2819.22	2790.58	1.07	ppb
Molybdenum	94-1	27.70	28.23	28.52	28.15	1.48	ppb
Molybdenum	95-1	1.36	1.38	1.38	1.37	0.87	ppb
Molybdenum	96-1	4.81	4.86	4.89	4.85	0.79	ppb
Molybdenum	97-1	1.32	1.37	1.38	1.36	2.25	ppb
Molybdenum	98-1	1.33	1.37	1.36	1.35	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.73	105.95	106.75	106.14	0.50	ppb
Phosphorus	31-2	2473.55	2425.65	2445.96	2448.39	0.98	ppb
Potassium	39-2	9344.12	9256.39	9274.63	9291.71	0.50	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	1.40	0.75	1.38	1.18	31.38	ppb
Selenium	77-2	19.73	20.30	20.17	20.07	1.48	ppb
Selenium	78-2	4.62	4.02	4.41	4.35	7.05	ppb
Silicon	28-1	1511.20	1541.05	1567.59	1539.95	1.83	ppb
Silver	107-1	0.83	0.84	0.84	0.84	0.55	ppb
Silver	109-1	0.82	0.82	0.83	0.82	0.88	ppb
Sodium	23-2	179.04	180.36	182.41	180.60	0.94	ppb
Strontium	86-1	81.65	82.29	83.14	82.36	0.91	ppb
Strontium	88-1	83.12	82.94	83.83	83.29	0.56	ppb
Sulfur	34-1	-970.44	-957.19	-902.35	-943.33		ppb
Terbium	159-1				118		%
Terbium	159-2				107		%
Thallium	203-1	0.46	0.47	0.46	0.46	1.22	ppb
Thallium	205-1	0.45	0.47	0.46	0.46	2.11	ppb
Tin	118-1	3.67	3.74	3.74	3.72	1.02	ppb
Titanium	47-1	996.82	1014.80	1025.90	1012.51	1.45	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Z8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:39:02	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.21	1.25	1.24	1.23	1.76	ppb
Vanadium	51-2	210.34	208.09	209.03	209.16	0.54	ppb
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	401.76	403.13	408.79	404.56	0.92	ppb
Zirconium	90-1	14.87	15.20	15.22	15.09	1.31	ppb
Zirconium	91-1	15.37	15.36	15.41	15.38	0.19	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Z9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:42:02	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43827.83	42846.14	44510.46	43728.14	1.91	ppb
Antimony	121-1	3.05	3.00	3.06	3.04	0.92	ppb
Arsenic	75-2	188.23	191.18	188.36	189.25	0.88	ppb
Barium	135-1	587.81	581.54	582.92	584.09	0.56	ppb
Barium	137-1	592.46	585.51	592.62	590.20	0.69	ppb
Beryllium	9-1	2.06	1.99	1.96	2.00	2.52	ppb
Bismuth	209-1				117		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.01	4.16	3.39	3.85	10.67	ppb
Cadmium	106-1	2.49	2.47	2.14	2.37	8.23	ppb
Cadmium	111-1	3.57	3.49	3.58	3.55	1.32	ppb
Calcium	43-1	8411.18	8313.78	8404.01	8376.32	0.65	ppb
Calcium	44-1	7892.92	7872.95	7884.76	7883.54	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.39	127.49	126.92	126.60	0.86	ppb
Cobalt	59-2	75.44	74.47	76.16	75.36	1.13	ppb
Copper	63-2	373.50	361.78	373.38	369.56	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	139009.87	135008.88	140075.93	138031.56	1.94	ppb
Iron	57-2	139794.35	136702.54	139799.35	138765.41	1.29	ppb
Iron	54-2	139622.64	138120.81	140962.20	139568.55	1.02	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Z9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:42:02	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	116.74	114.37	115.93	115.68	1.04	ppb
Lead	207-1	115.61	114.76	114.06	114.81	0.67	ppb
Lead	208-1	115.33	113.95	115.16	114.81	0.66	ppb
Lithium	6-1				82		%
Magnesium	24-2	21532.99	21336.33	21923.39	21597.57	1.38	ppb
Manganese	55-2	2765.86	2703.50	2787.93	2752.43	1.59	ppb
Molybdenum	94-1	26.76	26.01	26.37	26.38	1.42	ppb
Molybdenum	95-1	1.61	1.56	1.57	1.58	1.56	ppb
Molybdenum	96-1	5.02	4.96	5.01	4.99	0.59	ppb
Molybdenum	97-1	1.57	1.51	1.55	1.54	2.02	ppb
Molybdenum	98-1	1.53	1.51	1.54	1.53	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.88	122.50	124.84	123.74	0.95	ppb
Phosphorus	31-2	2210.01	2166.28	2255.15	2210.48	2.01	ppb
Potassium	39-2	8925.49	8661.77	8848.18	8811.81	1.54	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	1.03	1.36	1.02	1.14	16.85	ppb
Selenium	77-2	21.68	23.28	20.54	21.83	6.31	ppb
Selenium	78-2	6.06	5.35	4.60	5.34	13.65	ppb
Silicon	28-1	1490.62	1492.70	1488.14	1490.49	0.15	ppb
Silver	107-1	0.66	0.65	0.66	0.66	0.94	ppb
Silver	109-1	0.65	0.66	0.65	0.65	0.55	ppb
Sodium	23-2	175.10	173.05	179.18	175.78	1.77	ppb
Strontium	86-1	84.99	84.14	84.24	84.46	0.55	ppb
Strontium	88-1	85.26	85.02	84.36	84.88	0.55	ppb
Sulfur	34-1	-1077.97	-1091.13	-1073.70	-1080.93		ppb
Terbium	159-1				118		%
Terbium	159-2				107		%
Thallium	203-1	0.67	0.69	0.69	0.68	1.51	ppb
Thallium	205-1	0.68	0.66	0.67	0.67	1.19	ppb
Tin	118-1	3.21	3.19	3.20	3.20	0.42	ppb
Titanium	47-1	1219.70	1213.32	1219.42	1217.48	0.30	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Z9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:42:02	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.52	1.50	1.52	1.51	0.77	ppb
Vanadium	51-2	260.88	259.58	260.92	260.46	0.29	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	404.46	394.51	404.84	401.27	1.46	ppb
Zirconium	90-1	14.14	13.94	14.12	14.07	0.78	ppb
Zirconium	91-1	14.14	14.09	14.01	14.08	0.50	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-16	Instrumnet Name :	P7
Client Sample ID :	MYE500	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:45:01	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30114.31	29487.31	29616.38	29739.33	1.11	ppb
Antimony	121-1	3.00	3.07	3.06	3.04	1.22	ppb
Arsenic	75-2	142.40	145.48	143.16	143.68	1.12	ppb
Barium	135-1	415.71	418.52	423.66	419.30	0.96	ppb
Barium	137-1	414.92	426.30	415.87	419.03	1.51	ppb
Beryllium	9-1	1.29	1.26	1.26	1.27	1.13	ppb
Bismuth	209-1				119		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.87	2.83	2.78	2.83	1.68	ppb
Cadmium	106-1	1.84	1.04	1.39	1.43	28.01	ppb
Cadmium	111-1	2.57	2.63	2.61	2.60	1.11	ppb
Calcium	43-1	5371.83	5443.50	5416.13	5410.48	0.67	ppb
Calcium	44-1	5053.82	5112.09	5137.61	5101.17	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76.70	74.95	76.09	75.91	1.17	ppb
Cobalt	59-2	47.60	46.95	47.95	47.50	1.06	ppb
Copper	63-2	250.48	241.82	249.65	247.32	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	56-2	87952.27	87263.27	88376.50	87864.01	0.64	ppb
Iron	57-2	87306.49	87037.40	88652.20	87665.36	0.99	ppb
Iron	54-2	88864.56	87159.20	89646.25	88556.67	1.44	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-16	Instrumnet Name :	P7
Client Sample ID :	MYE500	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:45:01	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	95.65	94.65	95.21	95.17	0.53	ppb
Lead	207-1	97.06	98.71	97.89	97.89	0.84	ppb
Lead	208-1	95.26	96.27	96.34	95.96	0.63	ppb
Lithium	6-1				82		%
Magnesium	24-2	16471.98	16014.84	16143.99	16210.27	1.45	ppb
Manganese	55-2	1978.92	1934.65	1968.57	1960.71	1.18	ppb
Molybdenum	94-1	23.28	24.02	24.14	23.81	1.96	ppb
Molybdenum	95-1	1.25	1.24	1.28	1.25	1.59	ppb
Molybdenum	96-1	4.12	4.15	4.21	4.16	1.04	ppb
Molybdenum	97-1	1.26	1.26	1.25	1.26	0.36	ppb
Molybdenum	98-1	1.22	1.22	1.23	1.22	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.67	87.12	88.69	88.16	1.03	ppb
Phosphorus	31-2	1643.38	1610.45	1621.78	1625.21	1.03	ppb
Potassium	39-2	5898.35	5718.71	5870.96	5829.34	1.66	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	0.98	0.54	0.76	0.76	29.08	ppb
Selenium	77-2	15.02	14.96	17.17	15.72	8.01	ppb
Selenium	78-2	3.33	4.21	3.63	3.72	12.06	ppb
Silicon	28-1	1352.16	1376.95	1378.27	1369.13	1.07	ppb
Silver	107-1	0.49	0.49	0.50	0.49	0.77	ppb
Silver	109-1	0.48	0.49	0.49	0.49	1.83	ppb
Sodium	23-2	129.21	126.33	131.44	128.99	1.99	ppb
Strontium	86-1	58.81	59.70	60.26	59.59	1.23	ppb
Strontium	88-1	59.98	60.34	61.00	60.44	0.86	ppb
Sulfur	34-1	-1197.55	-1180.45	-1168.94	-1182.31		ppb
Terbium	159-1				120		%
Terbium	159-2				107		%
Thallium	203-1	0.44	0.44	0.44	0.44	0.48	ppb
Thallium	205-1	0.44	0.44	0.44	0.44	0.65	ppb
Tin	118-1	2.63	2.69	2.64	2.65	1.22	ppb
Titanium	47-1	941.86	958.66	956.12	952.21	0.95	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-16	Instrumnet Name :	P7
Client Sample ID :	MYE500	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:45:01	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.13	1.12	1.12	1.29	ppb
Vanadium	51-2	177.62	173.45	177.57	176.21	1.36	ppb
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	305.83	297.47	305.66	302.99	1.58	ppb
Zirconium	90-1	12.57	12.83	13.04	12.81	1.85	ppb
Zirconium	91-1	12.63	12.89	12.96	12.83	1.37	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-17	Instrumnet Name :	P7
Client Sample ID :	MYE501	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:48:00	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46514.28	47777.91	48395.64	47562.61	2.02	ppb
Antimony	121-1	3.15	3.15	3.19	3.16	0.76	ppb
Arsenic	75-2	201.25	198.62	204.56	201.48	1.48	ppb
Barium	135-1	676.48	671.93	679.95	676.12	0.59	ppb
Barium	137-1	664.84	674.10	681.66	673.53	1.25	ppb
Beryllium	9-1	2.07	1.83	1.89	1.93	6.31	ppb
Bismuth	209-1				118		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.82	4.97	4.81	4.86	1.85	ppb
Cadmium	106-1	4.38	3.85	4.31	4.18	6.87	ppb
Cadmium	111-1	4.54	4.60	4.52	4.55	0.95	ppb
Calcium	43-1	9355.63	9494.91	9498.75	9449.76	0.86	ppb
Calcium	44-1	8818.67	8872.67	8786.27	8825.87	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.06	114.91	115.74	114.57	1.20	ppb
Cobalt	59-2	76.34	77.14	78.80	77.43	1.62	ppb
Copper	63-2	535.03	541.40	550.77	542.40	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	56-2	130025.54	131293.53	132788.59	131369.22	1.05	ppb
Iron	57-2	128692.04	130400.66	133612.48	130901.73	1.91	ppb
Iron	54-2	132039.78	131012.26	133811.75	132287.93	1.07	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-17	Instrumnet Name :	P7
Client Sample ID :	MYE501	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:48:00	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	164.59	161.19	165.12	163.63	1.30	ppb
Lead	207-1	165.10	162.80	164.54	164.14	0.73	ppb
Lead	208-1	165.09	161.48	163.12	163.23	1.11	ppb
Lithium	6-1				83		%
Magnesium	24-2	26103.93	26304.72	26727.54	26378.73	1.21	ppb
Manganese	55-2	3082.85	3098.35	3129.88	3103.70	0.77	ppb
Molybdenum	94-1	34.02	34.60	34.34	34.32	0.86	ppb
Molybdenum	95-1	1.41	1.44	1.44	1.43	1.12	ppb
Molybdenum	96-1	5.65	5.75	5.71	5.70	0.94	ppb
Molybdenum	97-1	1.46	1.42	1.40	1.43	2.01	ppb
Molybdenum	98-1	1.40	1.42	1.43	1.42	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.76	140.52	143.96	141.08	1.87	ppb
Phosphorus	31-2	2555.28	2623.82	2629.66	2602.92	1.59	ppb
Potassium	39-2	8088.30	8235.21	8233.95	8185.82	1.03	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	1.12	1.07	1.04	1.08	3.72	ppb
Selenium	77-2	21.57	26.11	25.69	24.45	10.26	ppb
Selenium	78-2	5.51	5.39	5.63	5.51	2.23	ppb
Silicon	28-1	1660.89	1660.65	1676.86	1666.13	0.56	ppb
Silver	107-1	1.14	1.16	1.16	1.15	1.03	ppb
Silver	109-1	1.14	1.14	1.17	1.15	1.16	ppb
Sodium	23-2	147.27	149.84	154.14	150.42	2.30	ppb
Strontium	86-1	96.18	97.81	97.08	97.02	0.84	ppb
Strontium	88-1	96.27	98.48	97.23	97.33	1.14	ppb
Sulfur	34-1	-1097.42	-1008.22	-1008.84	-1038.16		ppb
Terbium	159-1				118		%
Terbium	159-2				108		%
Thallium	203-1	0.72	0.69	0.70	0.70	1.92	ppb
Thallium	205-1	0.70	0.69	0.69	0.69	1.07	ppb
Tin	118-1	3.41	3.45	3.45	3.44	0.74	ppb
Titanium	47-1	1210.86	1226.16	1229.14	1222.05	0.80	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-17	Instrumnet Name :	P7
Client Sample ID :	MYE501	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:48:00	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.69	1.68	1.69	1.69	0.10	ppb
Vanadium	51-2	255.79	257.97	261.85	258.53	1.19	ppb
Yttrium	89-1				115		%
Yttrium	89-2				107		%
Zinc	66-2	425.13	429.94	443.00	432.69	2.14	ppb
Zirconium	90-1	18.48	18.72	18.63	18.61	0.67	ppb
Zirconium	91-1	18.67	18.78	18.90	18.78	0.62	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-18	Instrumnet Name :	P7
Client Sample ID :	MYE502	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:51:00	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39402.38	36429.44	34744.25	36858.69	6.40	ppb
Antimony	121-1	2.64	2.78	2.82	2.75	3.43	ppb
Arsenic	75-2	129.72	121.15	113.22	121.36	6.80	ppb
Barium	135-1	365.33	379.16	392.85	379.11	3.63	ppb
Barium	137-1	367.11	379.28	394.94	380.44	3.67	ppb
Beryllium	9-1	1.28	1.28	1.29	1.29	0.63	ppb
Bismuth	209-1				123		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.06	2.95	3.46	3.16	8.45	ppb
Cadmium	106-1	1.18	1.11	1.23	1.17	5.25	ppb
Cadmium	111-1	2.88	3.02	3.09	3.00	3.54	ppb
Calcium	43-1	7905.68	8246.66	8543.02	8231.79	3.87	ppb
Calcium	44-1	7478.76	7810.23	8120.32	7803.10	4.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84.05	79.75	74.58	79.46	5.97	ppb
Cobalt	59-2	50.77	48.05	44.68	47.83	6.38	ppb
Copper	63-2	420.35	394.85	371.55	395.58	6.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				102		%
Indium	115-1				115		%
Indium	115-2				94		%
Iron	56-2	97862.52	91847.69	86282.64	91997.62	6.30	ppb
Iron	57-2	97103.46	92828.39	86157.52	92029.79	5.99	ppb
Iron	54-2	99075.34	93549.40	87233.56	93286.10	6.35	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-18	Instrumnet Name :	P7
Client Sample ID :	MYE502	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:51:00	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	115.35	119.31	126.09	120.25	4.51	ppb
Lead	207-1	116.48	120.33	125.66	120.82	3.82	ppb
Lead	208-1	115.47	119.38	124.78	119.87	3.90	ppb
Lithium	6-1				88		%
Magnesium	24-2	19783.13	18560.45	17397.38	18580.32	6.42	ppb
Manganese	55-2	2142.66	2000.22	1899.73	2014.20	6.06	ppb
Molybdenum	94-1	16.56	16.98	17.51	17.01	2.81	ppb
Molybdenum	95-1	1.13	1.18	1.23	1.18	4.00	ppb
Molybdenum	96-1	3.20	3.42	3.46	3.36	4.17	ppb
Molybdenum	97-1	1.13	1.16	1.25	1.18	5.29	ppb
Molybdenum	98-1	1.13	1.17	1.21	1.17	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.26	81.01	75.06	80.44	6.37	ppb
Phosphorus	31-2	2432.26	2231.63	2138.28	2267.39	6.63	ppb
Potassium	39-2	8683.27	8131.48	7685.54	8166.76	6.12	ppb
Rhodium	103-1				112		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	82-1	0.40	0.46	0.43	0.43	7.36	ppb
Selenium	77-2	17.67	17.53	13.72	16.31	13.72	ppb
Selenium	78-2	4.02	3.86	3.39	3.76	8.71	ppb
Silicon	28-1	1672.42	1726.83	1788.08	1729.11	3.35	ppb
Silver	107-1	0.78	0.81	0.84	0.81	3.54	ppb
Silver	109-1	0.76	0.82	0.83	0.81	4.64	ppb
Sodium	23-2	185.10	175.70	162.87	174.56	6.39	ppb
Strontium	86-1	62.54	65.19	67.21	64.98	3.60	ppb
Strontium	88-1	62.90	66.97	67.59	65.82	3.87	ppb
Sulfur	34-1	-1192.58	-1202.69	-1134.59	-1176.62		ppb
Terbium	159-1				124		%
Terbium	159-2				100		%
Thallium	203-1	0.36	0.40	0.40	0.39	5.71	ppb
Thallium	205-1	0.38	0.38	0.40	0.38	3.16	ppb
Tin	118-1	2.94	3.16	3.21	3.10	4.69	ppb
Titanium	47-1	761.47	796.19	834.86	797.51	4.60	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-18	Instrumnet Name :	P7
Client Sample ID :	MYE502	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:51:00	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.79	0.81	0.78	4.62	ppb
Vanadium	51-2	187.41	176.58	164.65	176.22	6.46	ppb
Yttrium	89-1				118		%
Yttrium	89-2				98		%
Zinc	66-2	415.46	391.58	367.47	391.50	6.13	ppb
Zirconium	90-1	8.49	9.12	9.30	8.97	4.71	ppb
Zirconium	91-1	8.71	9.14	9.33	9.06	3.52	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:53:58	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43159.26	42135.99	43661.79	42985.68	1.81	ppb
Antimony	121-1	3.03	3.04	3.00	3.02	0.74	ppb
Arsenic	75-2	185.56	186.99	188.19	186.91	0.70	ppb
Barium	135-1	600.96	602.99	596.66	600.20	0.54	ppb
Barium	137-1	598.39	598.09	594.57	597.02	0.36	ppb
Beryllium	9-1	1.60	1.71	1.53	1.61	5.70	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.79	4.76	4.93	4.83	1.87	ppb
Cadmium	106-1	4.86	4.18	4.20	4.41	8.75	ppb
Cadmium	111-1	4.52	4.55	4.50	4.52	0.53	ppb
Calcium	43-1	11352.72	11591.73	11370.46	11438.30	1.16	ppb
Calcium	44-1	10688.53	10859.03	10734.02	10760.53	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.62	102.10	103.75	103.49	1.24	ppb
Cobalt	59-2	71.12	69.81	71.29	70.74	1.15	ppb
Copper	63-2	555.11	545.00	559.50	553.20	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	115743.48	112564.69	116563.62	114957.26	1.84	ppb
Iron	57-2	116090.07	112793.32	115574.56	114819.32	1.54	ppb
Iron	54-2	116985.29	113332.51	116961.85	115759.88	1.82	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:53:58	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	166.17	166.97	165.21	166.11	0.53	ppb
Lead	207-1	167.87	166.71	165.06	166.54	0.85	ppb
Lead	208-1	166.85	168.11	165.34	166.77	0.83	ppb
Lithium	6-1				80		%
Magnesium	24-2	26250.68	25774.97	26224.38	26083.34	1.03	ppb
Manganese	55-2	2499.73	2427.81	2487.47	2471.67	1.56	ppb
Molybdenum	94-1	40.79	41.32	41.20	41.10	0.68	ppb
Molybdenum	95-1	1.25	1.28	1.27	1.27	1.23	ppb
Molybdenum	96-1	6.10	6.18	6.15	6.14	0.62	ppb
Molybdenum	97-1	1.26	1.22	1.22	1.24	1.99	ppb
Molybdenum	98-1	1.21	1.24	1.23	1.23	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.22	130.23	132.56	131.67	0.96	ppb
Phosphorus	31-2	2749.20	2699.79	2806.73	2751.90	1.94	ppb
Potassium	39-2	6083.92	6028.03	6087.02	6066.32	0.55	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	0.54	0.99	1.02	0.85	31.80	ppb
Selenium	77-2	15.90	20.12	15.36	17.13	15.20	ppb
Selenium	78-2	4.80	4.67	5.18	4.88	5.38	ppb
Silicon	28-1	1686.76	1694.00	1665.12	1681.96	0.89	ppb
Silver	107-1	1.17	1.20	1.17	1.18	1.43	ppb
Silver	109-1	1.16	1.18	1.18	1.17	0.92	ppb
Sodium	23-2	151.76	147.91	153.63	151.10	1.93	ppb
Strontium	86-1	109.83	110.40	110.98	110.40	0.52	ppb
Strontium	88-1	109.38	111.16	112.17	110.91	1.27	ppb
Sulfur	34-1	-940.03	-907.60	-940.76	-929.46		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.55	0.56	0.54	0.55	1.72	ppb
Thallium	205-1	0.55	0.54	0.53	0.54	1.53	ppb
Tin	118-1	3.46	3.53	3.47	3.48	1.17	ppb
Titanium	47-1	1121.93	1142.29	1124.39	1129.54	0.98	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:53:58	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.28	1.28	1.29	1.29	0.61	ppb
Vanadium	51-2	228.95	230.30	227.70	228.98	0.57	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	411.47	406.25	413.39	410.37	0.90	ppb
Zirconium	90-1	22.35	22.78	22.44	22.52	1.02	ppb
Zirconium	91-1	22.51	22.72	22.81	22.68	0.68	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-19	Instrumnet Name :	P7
Client Sample ID :	MYE503	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:56:58	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40828.79	40343.85	40396.10	40522.91	0.66	ppb
Antimony	121-1	3.12	3.10	3.09	3.11	0.56	ppb
Arsenic	75-2	155.57	157.23	158.70	157.17	0.99	ppb
Barium	135-1	499.82	490.69	494.43	494.98	0.93	ppb
Barium	137-1	500.47	495.01	495.02	496.83	0.63	ppb
Beryllium	9-1	1.61	1.79	1.54	1.64	7.83	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.29	4.13	4.04	4.15	3.03	ppb
Cadmium	106-1	2.45	2.07	1.93	2.15	12.64	ppb
Cadmium	111-1	3.85	3.85	3.82	3.84	0.42	ppb
Calcium	43-1	10381.60	10506.43	10429.31	10439.11	0.60	ppb
Calcium	44-1	10001.60	9770.48	9838.80	9870.29	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.90	96.00	95.05	95.65	0.55	ppb
Cobalt	59-2	54.62	54.17	53.71	54.17	0.84	ppb
Copper	63-2	451.43	443.86	444.76	446.68	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	108042.70	106109.02	105734.74	106628.82	1.16	ppb
Iron	57-2	107595.77	107434.65	106338.09	107122.84	0.64	ppb
Iron	54-2	109232.61	108458.67	106637.56	108109.61	1.23	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-19	Instrumnet Name :	P7
Client Sample ID :	MYE503	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:56:58	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	153.57	151.43	149.94	151.65	1.20	ppb
Lead	207-1	153.28	155.50	152.90	153.89	0.91	ppb
Lead	208-1	152.48	152.98	152.06	152.51	0.30	ppb
Lithium	6-1				82		%
Magnesium	24-2	19387.05	19573.75	19336.74	19432.51	0.64	ppb
Manganese	55-2	2121.16	2099.44	2079.92	2100.17	0.98	ppb
Molybdenum	94-1	21.22	21.09	21.17	21.16	0.31	ppb
Molybdenum	95-1	1.61	1.63	1.60	1.61	1.03	ppb
Molybdenum	96-1	4.32	4.38	4.30	4.34	0.93	ppb
Molybdenum	97-1	1.68	1.65	1.65	1.66	1.26	ppb
Molybdenum	98-1	1.60	1.60	1.61	1.60	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.52	90.76	89.70	90.33	0.61	ppb
Phosphorus	31-2	2569.30	2573.85	2500.76	2547.97	1.61	ppb
Potassium	39-2	8985.77	8935.60	8688.00	8869.79	1.80	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.76	0.82	1.01	0.86	15.02	ppb
Selenium	77-2	18.07	20.48	18.40	18.98	6.89	ppb
Selenium	78-2	4.02	5.31	4.01	4.44	16.80	ppb
Silicon	28-1	1702.58	1748.54	1742.89	1731.34	1.45	ppb
Silver	107-1	1.04	1.02	1.04	1.03	0.89	ppb
Silver	109-1	1.05	1.02	1.04	1.03	1.32	ppb
Sodium	23-2	191.47	195.14	192.38	193.00	0.99	ppb
Strontium	86-1	84.53	84.06	83.84	84.14	0.42	ppb
Strontium	88-1	84.68	84.08	84.73	84.50	0.43	ppb
Sulfur	34-1	-956.46	-944.90	-947.24	-949.53		ppb
Terbium	159-1				117		%
Terbium	159-2				106		%
Thallium	203-1	0.45	0.46	0.45	0.45	0.63	ppb
Thallium	205-1	0.46	0.45	0.45	0.45	0.66	ppb
Tin	118-1	3.53	3.50	3.51	3.51	0.36	ppb
Titanium	47-1	911.48	910.26	935.94	919.23	1.58	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-19	Instrumnet Name :	P7
Client Sample ID :	MYE503	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:56:58	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.12	1.10	1.11	0.92	ppb
Vanadium	51-2	198.79	197.21	191.38	195.79	1.99	ppb
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	448.74	443.59	441.75	444.69	0.81	ppb
Zirconium	90-1	11.10	11.18	11.11	11.13	0.39	ppb
Zirconium	91-1	11.26	11.23	11.04	11.18	1.06	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-20	Instrumnet Name :	P7
Client Sample ID :	MYE504	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:59:57	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43287.22	43098.04	42629.45	43004.90	0.79	ppb
Antimony	121-1	1.44	1.49	1.49	1.47	2.17	ppb
Arsenic	75-2	135.93	136.93	136.25	136.37	0.38	ppb
Barium	135-1	525.42	547.13	531.59	534.71	2.09	ppb
Barium	137-1	520.63	537.83	527.13	528.53	1.64	ppb
Beryllium	9-1	1.66	1.52	1.74	1.64	6.75	ppb
Bismuth	209-1				116		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.78	3.08	2.94	2.93	5.07	ppb
Cadmium	106-1	0.96	1.43	0.05	0.81	86.55	ppb
Cadmium	111-1	2.59	2.73	2.59	2.64	2.94	ppb
Calcium	43-1	10383.21	10812.37	10807.23	10667.60	2.31	ppb
Calcium	44-1	9817.68	10111.43	10081.83	10003.64	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.60	87.64	88.25	88.50	1.13	ppb
Cobalt	59-2	46.52	46.19	45.93	46.22	0.64	ppb
Copper	63-2	250.94	251.38	249.35	250.56	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	56-2	90134.55	89954.22	89797.41	89962.06	0.19	ppb
Iron	57-2	90744.43	89844.09	90131.70	90240.07	0.51	ppb
Iron	54-2	91492.00	89738.25	90173.82	90468.02	1.01	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-20	Instrumnet Name :	P7
Client Sample ID :	MYE504	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:59:57	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	89.35	91.75	93.30	91.47	2.17	ppb
Lead	207-1	89.54	90.78	93.74	91.35	2.36	ppb
Lead	208-1	88.42	89.67	92.16	90.08	2.12	ppb
Lithium	6-1				82		%
Magnesium	24-2	18065.28	17779.83	17661.66	17835.59	1.16	ppb
Manganese	55-2	1938.39	1915.81	1920.53	1924.91	0.62	ppb
Molybdenum	94-1	22.53	23.51	23.30	23.11	2.23	ppb
Molybdenum	95-1	1.00	1.07	1.07	1.05	4.18	ppb
Molybdenum	96-1	3.81	3.94	3.93	3.90	1.88	ppb
Molybdenum	97-1	0.97	1.07	1.03	1.02	4.98	ppb
Molybdenum	98-1	1.01	1.04	1.01	1.02	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.66	91.11	89.63	90.47	0.83	ppb
Phosphorus	31-2	2150.72	2123.01	2098.90	2124.21	1.22	ppb
Potassium	39-2	7580.96	7370.79	7527.76	7493.17	1.46	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.27	0.51	0.45	0.41	30.76	ppb
Selenium	77-2	15.55	19.25	18.02	17.61	10.68	ppb
Selenium	78-2	3.35	4.74	4.11	4.06	17.18	ppb
Silicon	28-1	1882.04	1990.60	1972.36	1948.33	2.98	ppb
Silver	107-1	0.57	0.60	0.59	0.59	2.96	ppb
Silver	109-1	0.59	0.60	0.58	0.59	1.69	ppb
Sodium	23-2	143.07	141.58	141.01	141.89	0.75	ppb
Strontium	86-1	83.40	85.91	85.30	84.87	1.55	ppb
Strontium	88-1	84.58	86.36	85.35	85.43	1.04	ppb
Sulfur	34-1	-1139.56	-1079.49	-1124.58	-1114.54		ppb
Terbium	159-1				117		%
Terbium	159-2				106		%
Thallium	203-1	0.40	0.42	0.42	0.41	2.18	ppb
Thallium	205-1	0.39	0.40	0.41	0.40	3.44	ppb
Tin	118-1	3.47	3.58	3.53	3.53	1.47	ppb
Titanium	47-1	809.07	843.37	830.52	827.65	2.09	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-20	Instrumnet Name :	P7
Client Sample ID :	MYE504	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:59:57	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.10	1.12	1.10	2.42	ppb
Vanadium	51-2	178.15	172.62	176.66	175.81	1.63	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	326.62	326.67	322.99	325.43	0.65	ppb
Zirconium	90-1	12.28	12.72	12.67	12.56	1.91	ppb
Zirconium	91-1	12.42	12.69	12.71	12.61	1.28	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-21	Instrumnet Name :	P7
Client Sample ID :	MYE505	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:02:59	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34197.31	34975.50	33411.95	34194.92	2.29	ppb
Antimony	121-1	1.95	2.02	2.09	2.02	3.38	ppb
Arsenic	75-2	134.79	135.63	131.86	134.09	1.48	ppb
Barium	135-1	420.97	430.40	440.24	430.54	2.24	ppb
Barium	137-1	420.63	434.47	442.62	432.57	2.57	ppb
Beryllium	9-1	1.26	1.33	1.45	1.35	7.07	ppb
Bismuth	209-1				119		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.11	3.12	3.33	3.19	3.85	ppb
Cadmium	106-1	1.13	0.37	0.75	0.75	50.91	ppb
Cadmium	111-1	2.86	3.06	2.99	2.97	3.40	ppb
Calcium	43-1	6114.52	6546.97	6631.08	6430.86	4.31	ppb
Calcium	44-1	5817.94	6188.71	6251.33	6085.99	3.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.73	81.80	79.09	80.54	1.70	ppb
Cobalt	59-2	51.71	52.10	50.30	51.37	1.84	ppb
Copper	63-2	353.83	355.18	345.39	351.46	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	56-2	88322.99	90050.45	86860.92	88411.45	1.81	ppb
Iron	57-2	90061.07	90183.27	88261.70	89502.02	1.20	ppb
Iron	54-2	91022.19	91991.19	88273.58	90428.99	2.13	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-21	Instrumnet Name :	P7
Client Sample ID :	MYE505	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:02:59	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	110.03	113.09	117.24	113.45	3.19	ppb
Lead	207-1	110.96	114.66	116.04	113.88	2.31	ppb
Lead	208-1	110.62	114.13	115.80	113.52	2.33	ppb
Lithium	6-1				84		%
Magnesium	24-2	16251.75	16447.10	15803.00	16167.28	2.04	ppb
Manganese	55-2	2013.17	2040.57	1968.52	2007.42	1.81	ppb
Molybdenum	94-1	21.07	22.36	22.63	22.02	3.77	ppb
Molybdenum	95-1	1.19	1.28	1.25	1.24	3.51	ppb
Molybdenum	96-1	3.77	3.99	4.01	3.92	3.38	ppb
Molybdenum	97-1	1.20	1.27	1.29	1.25	3.93	ppb
Molybdenum	98-1	1.18	1.26	1.28	1.24	4.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.70	89.81	86.27	88.26	2.05	ppb
Phosphorus	31-2	1809.12	1852.84	1797.45	1819.80	1.60	ppb
Potassium	39-2	7159.83	7281.20	6995.97	7145.67	2.00	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.32	0.86	0.72	0.63	44.13	ppb
Selenium	77-2	18.11	18.48	16.62	17.74	5.54	ppb
Selenium	78-2	3.42	4.03	3.44	3.63	9.58	ppb
Silicon	28-1	1794.07	1930.40	1952.83	1892.43	4.54	ppb
Silver	107-1	0.71	0.74	0.75	0.73	2.99	ppb
Silver	109-1	0.72	0.72	0.74	0.73	2.03	ppb
Sodium	23-2	156.26	159.57	154.51	156.78	1.64	ppb
Strontium	86-1	58.67	62.42	62.67	61.25	3.65	ppb
Strontium	88-1	59.77	63.31	63.78	62.28	3.52	ppb
Sulfur	34-1	-1478.87	-1365.89	-1355.68	-1400.15		ppb
Terbium	159-1				120		%
Terbium	159-2				107		%
Thallium	203-1	0.42	0.43	0.45	0.43	3.86	ppb
Thallium	205-1	0.42	0.43	0.44	0.43	3.08	ppb
Tin	118-1	2.88	3.04	3.09	3.00	3.66	ppb
Titanium	47-1	908.39	961.08	984.02	951.17	4.08	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-21	Instrumnet Name :	P7
Client Sample ID :	MYE505	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:02:59	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.19	1.23	1.25	1.22	2.47	ppb
Vanadium	51-2	174.21	177.04	170.22	173.82	1.97	ppb
Yttrium	89-1				113		%
Yttrium	89-2				104		%
Zinc	66-2	343.98	350.70	337.56	344.08	1.91	ppb
Zirconium	90-1	11.31	11.90	12.15	11.79	3.68	ppb
Zirconium	91-1	11.39	12.11	12.15	11.88	3.58	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-01	Instrumnet Name :	P7
Client Sample ID :	MYE5B3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:05:57	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35884.22	35287.46	37133.44	36101.71	2.61	ppb
Antimony	121-1	2.39	2.36	2.37	2.37	0.50	ppb
Arsenic	75-2	102.99	104.07	105.11	104.05	1.02	ppb
Barium	135-1	462.67	452.32	461.64	458.88	1.24	ppb
Barium	137-1	465.24	443.56	455.20	454.67	2.39	ppb
Beryllium	9-1	1.39	1.49	1.67	1.52	9.53	ppb
Bismuth	209-1				117		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.10	3.28	3.05	3.14	3.84	ppb
Cadmium	106-1	1.35	1.41	1.27	1.34	5.03	ppb
Cadmium	111-1	3.09	3.01	3.03	3.04	1.23	ppb
Calcium	43-1	8629.55	8554.88	8523.20	8569.21	0.64	ppb
Calcium	44-1	8070.06	8052.51	7954.85	8025.81	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83.11	82.58	85.43	83.70	1.81	ppb
Cobalt	59-2	48.42	47.54	49.51	48.49	2.03	ppb
Copper	63-2	306.04	293.53	310.89	303.49	2.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	106020.39	102992.21	107167.76	105393.46	2.05	ppb
Iron	57-2	105064.01	102958.07	108042.34	105354.81	2.42	ppb
Iron	54-2	106101.45	104571.03	109057.62	106576.70	2.14	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-01	Instrumnet Name :	P7
Client Sample ID :	MYE5B3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:05:57	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	141.21	137.77	137.10	138.69	1.59	ppb
Lead	207-1	140.86	138.38	138.23	139.16	1.06	ppb
Lead	208-1	140.14	137.50	137.63	138.42	1.08	ppb
Lithium	6-1				82		%
Magnesium	24-2	14291.48	14118.35	14745.55	14385.13	2.25	ppb
Manganese	55-2	2746.68	2713.11	2790.92	2750.24	1.42	ppb
Molybdenum	94-1	16.42	16.46	16.36	16.41	0.31	ppb
Molybdenum	95-1	1.51	1.47	1.47	1.49	1.27	ppb
Molybdenum	96-1	3.77	3.73	3.66	3.72	1.58	ppb
Molybdenum	97-1	1.48	1.50	1.49	1.49	0.56	ppb
Molybdenum	98-1	1.46	1.46	1.46	1.46	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.63	68.15	71.51	69.77	2.41	ppb
Phosphorus	31-2	2110.20	2126.42	2222.68	2153.10	2.82	ppb
Potassium	39-2	8264.86	8144.78	8419.87	8276.50	1.67	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	0.64	0.68	0.62	0.64	4.33	ppb
Selenium	77-2	14.45	14.90	14.45	14.60	1.76	ppb
Selenium	78-2	3.00	3.57	3.23	3.27	8.79	ppb
Silicon	28-1	1718.66	1684.97	1680.88	1694.84	1.22	ppb
Silver	107-1	0.88	0.86	0.88	0.87	1.25	ppb
Silver	109-1	0.88	0.86	0.88	0.87	1.15	ppb
Sodium	23-2	143.34	138.40	149.73	143.82	3.95	ppb
Strontium	86-1	69.29	68.29	68.13	68.57	0.92	ppb
Strontium	88-1	69.95	68.88	69.41	69.41	0.77	ppb
Sulfur	34-1	-1060.65	-1068.73	-1051.61	-1060.33		ppb
Terbium	159-1				118		%
Terbium	159-2				107		%
Thallium	203-1	0.40	0.41	0.40	0.40	2.06	ppb
Thallium	205-1	0.41	0.40	0.40	0.40	1.28	ppb
Tin	118-1	3.11	3.11	3.12	3.11	0.14	ppb
Titanium	47-1	965.85	960.56	956.41	960.94	0.49	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-01	Instrumnet Name :	P7
Client Sample ID :	MYE5B3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:05:57	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.17	1.17	1.16	1.17	0.76	ppb
Vanadium	51-2	174.06	178.29	181.86	178.07	2.19	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	375.42	368.06	381.66	375.04	1.81	ppb
Zirconium	90-1	8.60	8.54	8.55	8.56	0.38	ppb
Zirconium	91-1	8.53	8.60	8.53	8.55	0.47	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-02	Instrumnet Name :	P7
Client Sample ID :	MYE5B4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:08:57	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29301.81	28654.48	29252.52	29069.60	1.24	ppb
Antimony	121-1	3.76	3.78	3.76	3.76	0.37	ppb
Arsenic	75-2	154.79	156.11	156.18	155.69	0.50	ppb
Barium	135-1	1113.40	1111.58	1123.32	1116.10	0.57	ppb
Barium	137-1	1122.22	1116.68	1112.71	1117.20	0.43	ppb
Beryllium	9-1	1.61	1.53	1.42	1.52	6.31	ppb
Bismuth	209-1				118		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.49	4.63	4.81	4.64	3.52	ppb
Cadmium	106-1	2.03	2.87	2.57	2.49	17.25	ppb
Cadmium	111-1	4.61	4.58	4.53	4.57	0.92	ppb
Calcium	43-1	4988.46	4798.22	4916.52	4901.06	1.96	ppb
Calcium	44-1	4668.50	4563.85	4609.84	4614.06	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91.59	90.19	90.82	90.87	0.77	ppb
Cobalt	59-2	89.99	88.41	89.60	89.33	0.92	ppb
Copper	63-2	568.11	550.04	566.27	561.47	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	56-2	129692.58	126911.10	130092.79	128898.82	1.34	ppb
Iron	57-2	130319.00	127530.43	130657.46	129502.30	1.33	ppb
Iron	54-2	129978.15	128896.34	130099.55	129658.01	0.51	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-02	Instrumnet Name :	P7
Client Sample ID :	MYE5B4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:08:57	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	186.37	174.49	177.06	179.31	3.48	ppb
Lead	207-1	188.29	179.55	183.44	183.76	2.38	ppb
Lead	208-1	184.89	176.11	179.96	180.32	2.44	ppb
Lithium	6-1				83		%
Magnesium	24-2	11370.62	11435.26	11479.81	11428.57	0.48	ppb
Manganese	55-2	11063.15	10874.67	11037.86	10991.89	0.93	ppb
Molybdenum	94-1	18.70	18.11	18.29	18.37	1.65	ppb
Molybdenum	95-1	2.33	2.28	2.26	2.29	1.70	ppb
Molybdenum	96-1	5.04	4.58	4.59	4.73	5.51	ppb
Molybdenum	97-1	2.17	2.09	2.12	2.13	1.86	ppb
Molybdenum	98-1	2.15	2.09	2.10	2.11	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.26	79.81	80.48	80.18	0.42	ppb
Phosphorus	31-2	1986.85	1918.56	1961.29	1955.57	1.76	ppb
Potassium	39-2	6957.84	6735.64	6890.59	6861.36	1.66	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	1.16	1.10	0.80	1.02	18.82	ppb
Selenium	77-2	19.28	16.56	18.47	18.10	7.72	ppb
Selenium	78-2	4.15	3.46	2.71	3.44	20.94	ppb
Silicon	28-1	1458.52	1418.33	1428.01	1434.95	1.46	ppb
Silver	107-1	1.38	1.38	1.38	1.38	0.20	ppb
Silver	109-1	1.39	1.37	1.38	1.38	0.89	ppb
Sodium	23-2	151.18	150.25	153.28	151.57	1.02	ppb
Strontium	86-1	72.19	69.58	69.81	70.53	2.05	ppb
Strontium	88-1	73.71	70.24	71.04	71.67	2.54	ppb
Sulfur	34-1	-1278.44	-1350.70	-1288.98	-1306.04		ppb
Terbium	159-1				118		%
Terbium	159-2				108		%
Thallium	203-1	0.63	0.57	0.59	0.60	4.93	ppb
Thallium	205-1	0.60	0.59	0.59	0.59	1.31	ppb
Tin	118-1	3.10	3.11	3.14	3.12	0.57	ppb
Titanium	47-1	1175.06	1150.38	1152.53	1159.32	1.18	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-02	Instrumnet Name :	P7
Client Sample ID :	MYE5B4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:08:57	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.52	1.48	1.48	1.49	1.73	ppb
Vanadium	51-2	219.80	214.57	218.53	217.63	1.25	ppb
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	409.10	395.11	409.99	404.73	2.06	ppb
Zirconium	90-1	9.53	9.49	9.26	9.43	1.52	ppb
Zirconium	91-1	9.63	9.28	9.41	9.44	1.89	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-03	Instrumnet Name :	P7
Client Sample ID :	MYE5B5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:11:54	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30661.12	31073.67	30927.83	30887.54	0.68	ppb
Antimony	121-1	1.95	1.94	1.93	1.94	0.54	ppb
Arsenic	75-2	125.26	125.95	127.92	126.38	1.09	ppb
Barium	135-1	644.21	642.90	646.63	644.58	0.29	ppb
Barium	137-1	648.80	641.80	639.68	643.43	0.74	ppb
Beryllium	9-1	1.81	1.78	1.84	1.81	1.52	ppb
Bismuth	209-1				118		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.58	4.05	3.86	3.83	6.10	ppb
Cadmium	106-1	2.33	2.33	1.55	2.07	21.92	ppb
Cadmium	111-1	3.61	3.53	3.67	3.61	1.99	ppb
Calcium	43-1	7541.90	7474.39	7369.88	7462.06	1.16	ppb
Calcium	44-1	7061.78	7078.89	7008.00	7049.56	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.77	99.51	99.72	99.33	0.50	ppb
Cobalt	59-2	54.92	55.33	55.62	55.29	0.64	ppb
Copper	63-2	400.41	409.02	411.04	406.82	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	56-2	103489.09	104120.15	105059.93	104223.06	0.76	ppb
Iron	57-2	104516.68	104045.61	103608.23	104056.84	0.44	ppb
Iron	54-2	104587.78	105012.47	105487.96	105029.40	0.43	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-03	Instrumnet Name :	P7
Client Sample ID :	MYE5B5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:11:54	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	172.11	170.46	175.84	172.80	1.60	ppb
Lead	207-1	174.04	173.39	176.54	174.66	0.95	ppb
Lead	208-1	173.69	171.14	173.83	172.89	0.87	ppb
Lithium	6-1				80		%
Magnesium	24-2	13196.32	13360.46	13175.15	13243.97	0.77	ppb
Manganese	55-2	4928.99	4954.14	4992.53	4958.55	0.65	ppb
Molybdenum	94-1	25.67	25.80	25.42	25.63	0.77	ppb
Molybdenum	95-1	1.43	1.45	1.43	1.43	0.81	ppb
Molybdenum	96-1	4.58	4.58	4.60	4.59	0.18	ppb
Molybdenum	97-1	1.41	1.39	1.38	1.40	1.00	ppb
Molybdenum	98-1	1.35	1.40	1.37	1.37	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.69	94.17	94.66	93.84	1.10	ppb
Phosphorus	31-2	2274.78	2316.78	2287.95	2293.17	0.94	ppb
Potassium	39-2	6881.01	7135.28	7150.00	7055.43	2.14	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	0.48	0.73	0.72	0.65	22.43	ppb
Selenium	77-2	17.29	18.96	18.11	18.12	4.61	ppb
Selenium	78-2	3.64	3.50	3.40	3.52	3.44	ppb
Silicon	28-1	2107.27	2064.07	2070.53	2080.62	1.12	ppb
Silver	107-1	0.97	0.95	0.94	0.95	1.51	ppb
Silver	109-1	0.93	0.94	0.95	0.94	1.03	ppb
Sodium	23-2	130.83	134.66	134.02	133.17	1.54	ppb
Strontium	86-1	73.26	73.85	73.92	73.68	0.49	ppb
Strontium	88-1	74.39	74.84	74.47	74.57	0.32	ppb
Sulfur	34-1	-1200.54	-1262.96	-1281.60	-1248.37		ppb
Terbium	159-1				118		%
Terbium	159-2				108		%
Thallium	203-1	0.57	0.56	0.56	0.56	1.23	ppb
Thallium	205-1	0.53	0.54	0.55	0.54	1.46	ppb
Tin	118-1	3.35	3.35	3.34	3.35	0.13	ppb
Titanium	47-1	1153.91	1170.67	1143.71	1156.10	1.18	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-03	Instrumnet Name :	P7
Client Sample ID :	MYE5B5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:11:54	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.53	1.54	1.55	1.54	0.66	ppb
Vanadium	51-2	190.25	195.75	193.76	193.25	1.44	ppb
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	359.78	366.03	363.02	362.94	0.86	ppb
Zirconium	90-1	13.67	13.77	13.72	13.72	0.36	ppb
Zirconium	91-1	13.72	13.81	13.82	13.78	0.37	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:15:17	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49268.24	49630.80	50068.37	49655.80	0.81	ppb
Antimony	121-1	487.89	490.21	487.27	488.46	0.32	ppb
Arsenic	75-2	510.16	511.37	511.52	511.02	0.15	ppb
Barium	135-1	2408.37	2453.77	2416.04	2426.06	1.00	ppb
Barium	137-1	2410.75	2466.80	2422.78	2433.44	1.21	ppb
Beryllium	9-1	507.86	508.40	489.14	501.80	2.18	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	486.71	492.75	496.37	491.94	0.99	ppb
Cadmium	106-1	486.98	496.90	493.44	492.44	1.02	ppb
Cadmium	111-1	497.43	501.14	501.69	500.09	0.46	ppb
Calcium	43-1	219336.72	220653.83	214116.71	218035.75	1.59	ppb
Calcium	44-1	232281.67	233403.74	224857.29	230180.90	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.17	507.58	504.42	505.06	0.45	ppb
Cobalt	59-2	533.49	538.79	534.54	535.61	0.52	ppb
Copper	63-2	5172.97	5242.65	5215.75	5210.46	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	126646.06	127685.88	126829.65	127053.86	0.44	ppb
Iron	57-2	127742.11	128718.85	128282.17	128247.71	0.38	ppb
Iron	54-2	127346.15	128222.28	128159.84	127909.42	0.38	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:15:17	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2543.78	2486.34	2518.68	2516.27	1.14	ppb
Lead	207-1	2536.26	2462.64	2518.04	2505.65	1.53	ppb
Lead	208-1	2535.60	2464.22	2503.29	2501.04	1.43	ppb
Lithium	6-1				83		%
Magnesium	24-2	262210.31	262161.76	260964.92	261779.00	0.27	ppb
Manganese	55-2	4968.20	4977.64	4999.22	4981.68	0.32	ppb
Molybdenum	94-1	4961.64	4953.30	4957.80	4957.58	0.08	ppb
Molybdenum	95-1	4934.39	4907.64	4957.46	4933.16	0.51	ppb
Molybdenum	96-1	4971.82	4973.25	4983.25	4976.11	0.13	ppb
Molybdenum	97-1	5007.40	4980.35	4952.12	4979.96	0.55	ppb
Molybdenum	98-1	5040.22	4944.53	5008.42	4997.72	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.36	533.22	532.78	531.78	0.40	ppb
Phosphorus	31-2	9679.62	9711.45	9773.11	9721.39	0.49	ppb
Potassium	39-2	121995.33	122306.66	122570.46	122290.82	0.24	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	506.61	501.31	501.80	503.24	0.58	ppb
Selenium	77-2	493.78	501.97	494.96	496.90	0.89	ppb
Selenium	78-2	494.66	501.98	497.28	497.97	0.74	ppb
Silicon	28-1	160.94	165.68	161.37	162.67	1.61	ppb
Silver	107-1	490.33	495.34	489.82	491.83	0.62	ppb
Silver	109-1	486.02	494.88	488.42	489.77	0.94	ppb
Sodium	23-2	246207.65	246310.96	251168.81	247895.81	1.14	ppb
Strontium	86-1	544.23	533.06	532.75	536.68	1.22	ppb
Strontium	88-1	540.38	534.20	535.27	536.62	0.62	ppb
Sulfur	34-1	9601.82	9898.57	9535.55	9678.65	2.00	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	500.57	490.71	497.06	496.11	1.01	ppb
Thallium	205-1	502.59	492.81	499.00	498.13	0.99	ppb
Tin	118-1	488.20	480.32	490.26	486.26	1.08	ppb
Titanium	47-1	4955.32	4936.60	4874.91	4922.28	0.85	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:15:17	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	521.36	500.75	511.73	511.28	2.02	ppb
Vanadium	51-2	512.00	514.52	511.64	512.72	0.31	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	5086.42	5164.02	5126.45	5125.63	0.76	ppb
Zirconium	90-1	505.32	501.82	499.39	502.17	0.59	ppb
Zirconium	91-1	504.73	493.39	502.63	500.25	1.21	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:17:58	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.53	0.50	4.04	1.69	120.32	ppb
Antimony	121-1	0.16	0.21	0.28	0.22	29.66	ppb
Arsenic	75-2	0.01	0.02	0.10	0.04	129.97	ppb
Barium	135-1	0.10	0.09	0.05	0.08	33.19	ppb
Barium	137-1	0.11	0.07	0.05	0.07	41.47	ppb
Beryllium	9-1	0.02	0.04	0.02	0.03	56.70	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.03	0.02	0.02	53.62	ppb
Cadmium	106-1	-0.51	-0.72	-1.61	-0.95		ppb
Cadmium	111-1	0.03	0.02	0.01	0.02	48.75	ppb
Calcium	43-1	8.83	4.19	2.51	5.18	63.32	ppb
Calcium	44-1	1.52	-1.84	-5.52	-1.95		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.03	0.01	97.30	ppb
Cobalt	59-2	0.00	0.01	0.05	0.02	147.59	ppb
Copper	63-2	0.20	0.16	1.06	0.48	107.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	1.84	1.54	6.52	3.30	84.71	ppb
Iron	57-2	0.69	0.18	8.27	3.05	148.77	ppb
Iron	54-2	2.28	1.33	7.74	3.78	91.50	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:17:58	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.13	0.10	0.07	0.10	31.13	ppb
Lead	207-1	0.13	0.10	0.07	0.10	28.75	ppb
Lead	208-1	0.13	0.10	0.07	0.10	30.89	ppb
Lithium	6-1				91		%
Magnesium	24-2	4.42	3.76	9.81	6.00	55.32	ppb
Manganese	55-2	-0.04	-0.04	0.21	0.04	348.81	ppb
Molybdenum	94-1	0.35	0.36	0.36	0.36	1.23	ppb
Molybdenum	95-1	0.27	0.20	0.20	0.23	17.50	ppb
Molybdenum	96-1	0.28	0.23	0.23	0.24	11.83	ppb
Molybdenum	97-1	0.26	0.23	0.21	0.23	10.03	ppb
Molybdenum	98-1	0.26	0.22	0.20	0.23	15.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.05	0.01	315.74	ppb
Phosphorus	31-2	-16.89	-19.39	-17.58	-17.95		ppb
Potassium	39-2	14.97	12.72	17.72	15.14	16.54	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	-0.15	-0.05	-0.31	-0.17		ppb
Selenium	77-2	-0.05	0.03	0.11	0.03	310.17	ppb
Selenium	78-2	-0.09	0.04	0.06	0.00	6025.89	ppb
Silicon	28-1	-7.53	-6.14	-6.37	-6.68		ppb
Silver	107-1	0.04	0.03	0.02	0.03	31.05	ppb
Silver	109-1	0.04	0.03	0.02	0.03	28.30	ppb
Sodium	23-2	21.56	19.99	26.84	22.80	15.73	ppb
Strontium	86-1	0.02	0.02	0.00	0.01	58.78	ppb
Strontium	88-1	0.02	0.01	0.01	0.02	44.33	ppb
Sulfur	34-1	-691.75	-584.52	-633.01	-636.43		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.07	0.06	0.07	13.04	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	8.72	ppb
Tin	118-1	0.01	0.01	0.02	0.02	26.92	ppb
Titanium	47-1	0.22	0.14	0.09	0.15	44.41	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:17:58	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.02	45.23	ppb
Vanadium	51-2	0.01	0.00	0.02	0.01	74.57	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	0.25	0.22	1.19	0.56	99.58	ppb
Zirconium	90-1	0.08	0.10	0.11	0.10	17.94	ppb
Zirconium	91-1	0.09	0.09	0.10	0.09	7.37	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03ADLX2	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 03:24:34	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29556.51	29299.66	28772.08	29209.42	1.37	ppb
Antimony	121-1	1.10	1.16	1.16	1.14	3.34	ppb
Arsenic	75-2	625.54	641.72	628.10	631.79	1.38	ppb
Barium	135-1	303.12	313.96	303.97	307.02	1.96	ppb
Barium	137-1	305.01	310.10	304.78	306.63	0.98	ppb
Beryllium	9-1	0.82	0.79	0.84	0.82	2.86	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.91	1.01	1.03	0.98	6.63	ppb
Cadmium	106-1	0.55	0.22	0.29	0.35	48.79	ppb
Cadmium	111-1	0.45	0.44	0.45	0.45	0.77	ppb
Calcium	43-1	38935.03	39056.02	38874.27	38955.11	0.24	ppb
Calcium	44-1	37985.43	38296.58	38340.98	38207.66	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	337.15	333.56	330.46	333.73	1.00	ppb
Cobalt	59-2	80.39	79.74	78.06	79.40	1.51	ppb
Copper	63-2	128.91	127.26	124.03	126.73	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	91638.88	90825.38	87835.09	90099.78	2.22	ppb
Iron	57-2	91805.92	90386.55	89925.62	90706.03	1.08	ppb
Iron	54-2	92704.06	91381.07	89315.73	91133.62	1.87	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03ADLX2	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 03:24:34	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.86	10.01	9.90	9.92	0.78	ppb
Lead	207-1	9.41	9.66	9.44	9.50	1.48	ppb
Lead	208-1	9.49	9.75	9.50	9.58	1.55	ppb
Lithium	6-1				88		%
Magnesium	24-2	24304.02	23846.27	23278.15	23809.48	2.16	ppb
Manganese	55-2	3016.51	2905.32	2889.03	2936.95	2.36	ppb
Molybdenum	94-1	13.37	13.03	12.53	12.98	3.27	ppb
Molybdenum	95-1	1.11	1.13	1.09	1.11	1.81	ppb
Molybdenum	96-1	2.96	2.88	2.92	2.92	1.38	ppb
Molybdenum	97-1	1.07	1.10	1.06	1.08	1.49	ppb
Molybdenum	98-1	1.06	1.07	1.06	1.06	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	221.30	217.65	214.12	217.69	1.65	ppb
Phosphorus	31-2	847.65	833.78	810.21	830.55	2.28	ppb
Potassium	39-2	2065.72	2026.92	2043.74	2045.46	0.95	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.55	0.11	0.57	0.41	63.26	ppb
Selenium	77-2	8.25	9.95	9.35	9.18	9.38	ppb
Selenium	78-2	1.88	2.18	2.91	2.32	22.65	ppb
Silicon	28-1	1056.39	1044.57	1023.54	1041.50	1.60	ppb
Silver	107-1	0.05	0.05	0.05	0.05	3.43	ppb
Silver	109-1	0.05	0.05	0.05	0.05	5.20	ppb
Sodium	23-2	111.77	110.36	107.75	109.96	1.85	ppb
Strontium	86-1	63.85	63.20	63.49	63.51	0.51	ppb
Strontium	88-1	64.07	63.91	63.90	63.96	0.15	ppb
Sulfur	34-1	-671.15	-751.42	-762.74	-728.43		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.23	0.21	0.20	0.21	6.46	ppb
Thallium	205-1	0.22	0.21	0.20	0.21	4.49	ppb
Tin	118-1	0.98	1.03	1.00	1.00	2.42	ppb
Titanium	47-1	971.11	992.70	978.95	980.92	1.11	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03ADLX2	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 03:24:34	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.65	0.63	0.64	1.53	ppb
Vanadium	51-2	202.91	198.44	197.53	199.62	1.44	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	116.87	114.46	114.14	115.16	1.30	ppb
Zirconium	90-1	6.58	6.60	6.57	6.58	0.29	ppb
Zirconium	91-1	6.78	6.80	6.69	6.76	0.84	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-04	Instrumnet Name :	P7
Client Sample ID :	MYE5B6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:27:34	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37147.40	37734.75	38431.77	37771.30	1.70	ppb
Antimony	121-1	1.84	1.84	1.81	1.83	0.97	ppb
Arsenic	75-2	126.12	122.80	125.07	124.66	1.36	ppb
Barium	135-1	542.37	542.59	527.80	537.59	1.58	ppb
Barium	137-1	540.85	541.49	522.23	534.86	2.05	ppb
Beryllium	9-1	1.83	1.86	1.69	1.79	5.05	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.77	4.55	4.71	4.68	2.40	ppb
Cadmium	106-1	5.78	4.57	3.30	4.55	27.21	ppb
Cadmium	111-1	4.31	4.27	4.16	4.25	1.80	ppb
Calcium	43-1	9969.88	9914.11	9807.08	9897.02	0.84	ppb
Calcium	44-1	9393.71	9385.17	9236.22	9338.36	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.00	123.15	123.79	122.98	0.74	ppb
Cobalt	59-2	61.43	61.91	62.68	62.00	1.02	ppb
Copper	63-2	480.18	488.66	488.38	485.74	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	93938.54	95660.76	96902.00	95500.43	1.56	ppb
Iron	57-2	95381.60	96864.34	97671.97	96639.30	1.20	ppb
Iron	54-2	95203.20	96286.18	97710.68	96400.02	1.30	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-04	Instrumnet Name :	P7
Client Sample ID :	MYE5B6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:27:34	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	161.51	155.38	158.18	158.35	1.94	ppb
Lead	207-1	162.88	159.68	157.99	160.18	1.55	ppb
Lead	208-1	163.09	158.00	157.94	159.68	1.85	ppb
Lithium	6-1				83		%
Magnesium	24-2	14768.87	15088.30	15279.73	15045.63	1.72	ppb
Manganese	55-2	2978.31	3032.47	3085.82	3032.20	1.77	ppb
Molybdenum	94-1	36.77	36.56	36.36	36.56	0.56	ppb
Molybdenum	95-1	1.35	1.30	1.30	1.31	2.35	ppb
Molybdenum	96-1	5.77	5.75	5.59	5.70	1.77	ppb
Molybdenum	97-1	1.29	1.28	1.27	1.28	0.68	ppb
Molybdenum	98-1	1.32	1.32	1.27	1.30	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.32	115.96	117.79	116.02	1.50	ppb
Phosphorus	31-2	2796.43	2849.93	2846.07	2830.81	1.05	ppb
Potassium	39-2	7585.72	7622.95	7710.93	7639.87	0.84	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	1.03	1.01	1.19	1.08	9.07	ppb
Selenium	77-2	22.25	24.06	23.63	23.31	4.05	ppb
Selenium	78-2	4.88	5.74	6.04	5.55	10.88	ppb
Silicon	28-1	2075.19	2030.46	1992.42	2032.69	2.04	ppb
Silver	107-1	1.07	1.06	1.07	1.07	0.48	ppb
Silver	109-1	1.08	1.06	1.02	1.05	2.58	ppb
Sodium	23-2	164.85	167.71	171.21	167.92	1.90	ppb
Strontium	86-1	106.01	105.47	103.80	105.10	1.10	ppb
Strontium	88-1	107.20	105.74	105.89	106.27	0.76	ppb
Sulfur	34-1	-906.93	-1119.15	-1230.46	-1085.52		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.48	0.47	0.48	0.48	1.50	ppb
Thallium	205-1	0.48	0.48	0.46	0.47	2.08	ppb
Tin	118-1	3.67	3.72	3.55	3.65	2.39	ppb
Titanium	47-1	1371.28	1354.83	1344.98	1357.03	0.98	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-04	Instrumnet Name :	P7
Client Sample ID :	MYE5B6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:27:34	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.67	1.68	1.67	1.67	0.43	ppb
Vanadium	51-2	168.91	164.81	172.55	168.76	2.29	ppb
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	396.63	402.92	408.52	402.69	1.48	ppb
Zirconium	90-1	20.29	20.03	19.94	20.09	0.91	ppb
Zirconium	91-1	20.25	20.38	19.85	20.16	1.36	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05	Instrumnet Name :	P7
Client Sample ID :	MYE5B7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:30:31	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26684.55	26534.92	26336.73	26518.74	0.66	ppb
Antimony	121-1	3.47	3.48	3.43	3.46	0.78	ppb
Arsenic	75-2	180.93	182.37	181.32	181.54	0.41	ppb
Barium	135-1	725.78	721.74	727.19	724.90	0.39	ppb
Barium	137-1	727.23	715.53	722.05	721.60	0.81	ppb
Beryllium	9-1	1.44	1.43	1.54	1.47	4.08	ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.91	3.92	4.14	3.99	3.18	ppb
Cadmium	106-1	2.83	2.93	2.02	2.59	19.35	ppb
Cadmium	111-1	4.06	4.03	3.98	4.02	0.98	ppb
Calcium	43-1	8805.71	8885.02	8956.94	8882.56	0.85	ppb
Calcium	44-1	8367.08	8401.41	8478.95	8415.82	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87.64	87.36	87.06	87.35	0.33	ppb
Cobalt	59-2	55.76	56.04	55.34	55.71	0.63	ppb
Copper	63-2	420.63	428.84	423.89	424.46	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	100955.80	102101.32	100896.97	101318.03	0.67	ppb
Iron	57-2	101968.53	101580.78	101503.63	101684.31	0.25	ppb
Iron	54-2	102499.68	103234.90	102239.71	102658.10	0.50	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05	Instrumnet Name :	P7
Client Sample ID :	MYE5B7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:30:31	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	183.81	186.56	183.13	184.50	0.99	ppb
Lead	207-1	191.30	191.64	184.88	189.28	2.01	ppb
Lead	208-1	187.11	188.52	184.50	186.71	1.09	ppb
Lithium	6-1				78		%
Magnesium	24-2	13513.94	13452.67	13436.03	13467.55	0.30	ppb
Manganese	55-2	5714.46	5748.20	5667.76	5710.14	0.71	ppb
Molybdenum	94-1	18.92	19.37	19.48	19.26	1.55	ppb
Molybdenum	95-1	2.23	2.25	2.33	2.27	2.38	ppb
Molybdenum	96-1	4.63	4.72	4.74	4.69	1.25	ppb
Molybdenum	97-1	2.23	2.24	2.22	2.23	0.52	ppb
Molybdenum	98-1	2.20	2.20	2.25	2.22	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.17	88.50	88.87	88.85	0.38	ppb
Phosphorus	31-2	1848.88	1877.00	1848.91	1858.26	0.87	ppb
Potassium	39-2	6217.49	6242.54	6244.59	6234.88	0.24	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	0.72	0.82	0.98	0.84	15.10	ppb
Selenium	77-2	11.81	14.68	12.84	13.11	11.08	ppb
Selenium	78-2	2.61	2.62	2.81	2.68	4.22	ppb
Silicon	28-1	2050.34	2020.27	2053.56	2041.39	0.90	ppb
Silver	107-1	0.66	0.66	0.65	0.65	1.34	ppb
Silver	109-1	0.66	0.65	0.64	0.65	1.19	ppb
Sodium	23-2	145.05	146.51	145.61	145.73	0.51	ppb
Strontium	86-1	67.24	68.09	67.74	67.69	0.63	ppb
Strontium	88-1	68.30	67.87	68.57	68.24	0.51	ppb
Sulfur	34-1	-1243.96	-1282.06	-1296.48	-1274.17		ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	0.55	0.56	0.57	0.56	2.13	ppb
Thallium	205-1	0.56	0.57	0.56	0.56	1.38	ppb
Tin	118-1	3.09	3.12	3.10	3.10	0.41	ppb
Titanium	47-1	921.41	909.50	929.33	920.08	1.09	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05	Instrumnet Name :	P7
Client Sample ID :	MYE5B7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:30:31	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.15	1.12	1.12	2.15	ppb
Vanadium	51-2	188.12	189.70	189.39	189.07	0.44	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	383.40	388.06	378.89	383.45	1.20	ppb
Zirconium	90-1	9.65	9.87	9.90	9.81	1.41	ppb
Zirconium	91-1	9.64	9.94	10.03	9.87	2.03	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-06	Instrumnet Name :	P7
Client Sample ID :	MYE5B7D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:33:32	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26988.21	26264.42	27160.44	26804.36	1.77	ppb
Antimony	121-1	3.51	3.48	3.42	3.47	1.37	ppb
Arsenic	75-2	184.56	178.66	184.91	182.71	1.92	ppb
Barium	135-1	722.81	712.27	696.60	710.56	1.86	ppb
Barium	137-1	723.55	711.84	700.76	712.05	1.60	ppb
Beryllium	9-1	1.49	1.51	1.37	1.46	5.17	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.92	3.93	4.03	3.96	1.63	ppb
Cadmium	106-1	3.00	2.22	2.15	2.46	19.12	ppb
Cadmium	111-1	4.04	3.99	3.89	3.97	1.81	ppb
Calcium	43-1	9008.89	8941.41	8919.79	8956.69	0.52	ppb
Calcium	44-1	8405.39	8552.17	8358.31	8438.62	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.23	88.46	90.01	89.23	0.87	ppb
Cobalt	59-2	55.24	54.99	55.89	55.37	0.84	ppb
Copper	63-2	429.07	429.64	433.00	430.57	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	100269.00	101013.85	103392.46	101558.43	1.61	ppb
Iron	57-2	100666.54	99952.92	101783.34	100800.93	0.92	ppb
Iron	54-2	102759.00	101393.43	102888.71	102347.05	0.81	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-06	Instrumnet Name :	P7
Client Sample ID :	MYE5B7D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:33:32	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	184.73	182.48	181.32	182.84	0.95	ppb
Lead	207-1	190.96	190.08	182.22	187.76	2.56	ppb
Lead	208-1	187.34	185.09	181.31	184.58	1.65	ppb
Lithium	6-1				77		%
Magnesium	24-2	13749.51	13401.14	13493.96	13548.21	1.33	ppb
Manganese	55-2	5553.01	5523.84	5598.43	5558.43	0.68	ppb
Molybdenum	94-1	19.35	19.31	18.94	19.20	1.17	ppb
Molybdenum	95-1	2.22	2.25	2.23	2.24	0.60	ppb
Molybdenum	96-1	4.74	4.69	4.61	4.68	1.37	ppb
Molybdenum	97-1	2.23	2.15	2.15	2.18	2.01	ppb
Molybdenum	98-1	2.20	2.18	2.15	2.18	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.84	88.77	89.54	89.05	0.47	ppb
Phosphorus	31-2	1888.53	1866.34	1857.80	1870.89	0.85	ppb
Potassium	39-2	6194.59	6299.05	6414.13	6302.59	1.74	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	0.69	0.88	1.16	0.91	26.37	ppb
Selenium	77-2	12.66	14.17	12.48	13.10	7.09	ppb
Selenium	78-2	4.07	3.08	3.65	3.60	13.81	ppb
Silicon	28-1	2045.01	2000.96	1978.03	2008.00	1.70	ppb
Silver	107-1	0.68	0.65	0.63	0.65	3.69	ppb
Silver	109-1	0.65	0.66	0.64	0.65	1.67	ppb
Sodium	23-2	147.77	144.19	146.87	146.28	1.27	ppb
Strontium	86-1	67.47	67.50	66.93	67.30	0.48	ppb
Strontium	88-1	68.25	67.77	67.38	67.80	0.64	ppb
Sulfur	34-1	-1221.34	-1207.59	-1233.71	-1220.88		ppb
Terbium	159-1				116		%
Terbium	159-2				107		%
Thallium	203-1	0.57	0.57	0.55	0.56	1.92	ppb
Thallium	205-1	0.55	0.55	0.55	0.55	0.19	ppb
Tin	118-1	2.98	2.98	2.96	2.97	0.37	ppb
Titanium	47-1	919.41	920.43	911.26	917.03	0.55	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-06	Instrumnet Name :	P7
Client Sample ID :	MYE5B7D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:33:32	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.11	1.11	1.09	1.11	1.13	ppb
Vanadium	51-2	189.01	189.33	190.39	189.57	0.38	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	386.21	381.90	391.04	386.38	1.18	ppb
Zirconium	90-1	9.80	9.82	9.71	9.78	0.60	ppb
Zirconium	91-1	9.90	9.84	9.80	9.84	0.54	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5B7L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 03:36:30	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5508.22	5625.67	5633.51	5589.13	1.26	ppb
Antimony	121-1	0.66	0.67	0.67	0.67	0.60	ppb
Arsenic	75-2	38.01	38.39	38.00	38.13	0.59	ppb
Barium	135-1	140.55	136.62	139.68	138.95	1.48	ppb
Barium	137-1	141.48	136.75	140.63	139.62	1.80	ppb
Beryllium	9-1	0.24	0.29	0.24	0.26	12.88	ppb
Bismuth	209-1				121		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.83	0.73	0.84	0.80	7.38	ppb
Cadmium	106-1	-1.43	-1.27	-1.99	-1.56		ppb
Cadmium	111-1	0.80	0.75	0.73	0.76	4.56	ppb
Calcium	43-1	1771.20	1738.18	1768.21	1759.20	1.04	ppb
Calcium	44-1	1640.26	1629.22	1664.25	1644.58	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.05	18.13	18.25	18.14	0.54	ppb
Cobalt	59-2	11.78	11.82	11.97	11.86	0.85	ppb
Copper	63-2	91.11	92.12	92.02	91.75	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				109		%
Indium	115-1				115		%
Indium	115-2				106		%
Iron	56-2	21075.57	21421.58	21391.41	21296.19	0.90	ppb
Iron	57-2	21123.36	21549.31	21161.08	21277.92	1.11	ppb
Iron	54-2	21017.20	21422.98	21541.72	21327.30	1.29	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5B7L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 03:36:30	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.60	35.65	36.34	36.20	1.35	ppb
Lead	207-1	37.53	36.28	36.57	36.79	1.78	ppb
Lead	208-1	36.72	35.83	36.36	36.30	1.24	ppb
Lithium	6-1				85		%
Magnesium	24-2	2829.02	2866.64	2864.62	2853.43	0.74	ppb
Manganese	55-2	1191.10	1209.73	1203.05	1201.29	0.79	ppb
Molybdenum	94-1	3.66	3.67	3.70	3.68	0.58	ppb
Molybdenum	95-1	0.45	0.44	0.46	0.45	2.35	ppb
Molybdenum	96-1	0.92	0.88	0.94	0.91	3.07	ppb
Molybdenum	97-1	0.42	0.42	0.44	0.43	2.18	ppb
Molybdenum	98-1	0.43	0.43	0.45	0.44	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.89	18.96	18.94	18.93	0.21	ppb
Phosphorus	31-2	392.03	388.12	379.75	386.63	1.62	ppb
Potassium	39-2	1292.05	1308.99	1307.39	1302.81	0.72	ppb
Rhodium	103-1				113		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.16	-0.03	-0.21	-0.03		ppb
Selenium	77-2	2.94	2.78	3.03	2.92	4.30	ppb
Selenium	78-2	1.21	0.19	0.73	0.71	71.54	ppb
Silicon	28-1	399.04	391.09	405.49	398.54	1.81	ppb
Silver	107-1	0.12	0.12	0.13	0.12	4.08	ppb
Silver	109-1	0.13	0.12	0.13	0.13	3.35	ppb
Sodium	23-2	44.27	45.07	45.24	44.86	1.15	ppb
Strontium	86-1	13.34	13.15	13.71	13.40	2.10	ppb
Strontium	88-1	13.57	13.36	13.61	13.52	1.01	ppb
Sulfur	34-1	-1553.33	-1603.31	-1568.00	-1574.88		ppb
Terbium	159-1				120		%
Terbium	159-2				108		%
Thallium	203-1	0.11	0.10	0.11	0.11	5.86	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	2.38	ppb
Tin	118-1	0.58	0.55	0.56	0.56	2.76	ppb
Titanium	47-1	182.52	176.64	179.91	179.69	1.64	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5B7L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 03:36:30	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.21	0.21	0.21	1.42	ppb
Vanadium	51-2	38.63	38.91	39.13	38.89	0.65	ppb
Yttrium	89-1				114		%
Yttrium	89-2				106		%
Zinc	66-2	82.99	83.33	83.43	83.25	0.27	ppb
Zirconium	90-1	1.88	1.84	1.87	1.86	1.06	ppb
Zirconium	91-1	1.90	1.83	1.90	1.88	2.08	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-07	Instrumnet Name :	P7
Client Sample ID :	MYE5B7S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:39:40	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25017.95	24777.15	27462.24	25752.44	5.77	ppb
Antimony	121-1	55.00	53.49	54.02	54.17	1.42	ppb
Arsenic	75-2	180.97	182.64	201.41	188.34	6.02	ppb
Barium	135-1	1722.59	1663.44	1703.57	1696.53	1.78	ppb
Barium	137-1	1738.76	1661.84	1710.88	1703.83	2.29	ppb
Beryllium	9-1	27.46	28.32	28.00	27.93	1.54	ppb
Bismuth	209-1				121		%
Bismuth	209-2				113		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.97	25.56	26.86	26.80	4.51	ppb
Cadmium	106-1	24.85	23.85	24.67	24.46	2.18	ppb
Cadmium	111-1	29.65	28.73	29.48	29.29	1.66	ppb
Calcium	43-1	8285.38	8088.73	8131.40	8168.50	1.27	ppb
Calcium	44-1	7782.61	7638.98	7689.34	7703.64	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	182.66	180.62	202.05	188.44	6.28	ppb
Cobalt	59-2	320.64	316.44	351.56	329.55	5.82	ppb
Copper	63-2	517.89	521.47	580.36	539.91	6.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				115		%
Indium	115-1				115		%
Indium	115-2				107		%
Iron	56-2	93484.94	90613.81	101745.01	95281.25	6.07	ppb
Iron	57-2	92281.16	92237.59	101829.72	95449.49	5.79	ppb
Iron	54-2	91561.83	92178.09	102657.51	95465.81	6.53	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-07	Instrumnet Name :	P7
Client Sample ID :	MYE5B7S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:39:40	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	173.53	176.09	179.03	176.21	1.56	ppb
Lead	207-1	178.66	179.76	183.57	180.66	1.43	ppb
Lead	208-1	177.54	177.43	179.92	178.30	0.79	ppb
Lithium	6-1				84		%
Magnesium	24-2	12261.17	12185.23	13474.78	12640.40	5.72	ppb
Manganese	55-2	5361.31	5269.13	5960.66	5530.37	6.79	ppb
Molybdenum	94-1	17.65	17.71	17.86	17.74	0.60	ppb
Molybdenum	95-1	2.09	2.07	2.14	2.10	1.69	ppb
Molybdenum	96-1	4.34	4.30	4.37	4.33	0.81	ppb
Molybdenum	97-1	2.00	2.03	2.08	2.04	1.98	ppb
Molybdenum	98-1	2.06	2.02	2.05	2.04	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	352.61	352.55	385.42	363.52	5.22	ppb
Phosphorus	31-2	1702.98	1650.67	1872.40	1742.02	6.65	ppb
Potassium	39-2	5539.83	5489.67	6157.14	5728.88	6.49	ppb
Rhodium	103-1				112		%
Rhodium	103-2				111		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	61.59	59.82	60.87	60.76	1.47	ppb
Selenium	77-2	67.58	66.31	76.11	70.00	7.61	ppb
Selenium	78-2	58.40	57.54	66.48	60.81	8.11	ppb
Silicon	28-1	1892.41	1863.05	1853.57	1869.68	1.08	ppb
Silver	107-1	23.44	22.69	23.15	23.09	1.65	ppb
Silver	109-1	23.58	22.57	23.17	23.11	2.19	ppb
Sodium	23-2	125.60	124.48	141.56	130.55	7.32	ppb
Strontium	86-1	63.16	61.72	62.46	62.45	1.16	ppb
Strontium	88-1	62.33	61.07	62.10	61.83	1.09	ppb
Sulfur	34-1	-1216.74	-1287.19	-1288.26	-1264.06		ppb
Terbium	159-1				121		%
Terbium	159-2				113		%
Thallium	203-1	26.17	26.19	26.37	26.24	0.42	ppb
Thallium	205-1	25.84	25.85	25.98	25.89	0.32	ppb
Tin	118-1	2.73	2.68	2.77	2.73	1.70	ppb
Titanium	47-1	856.13	820.85	841.39	839.46	2.11	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-07	Instrumnet Name :	P7
Client Sample ID :	MYE5B7S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:39:40	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	1.01	1.02	1.01	1.03	ppb
Vanadium	51-2	422.06	423.23	463.78	436.35	5.44	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	620.10	616.31	682.33	639.58	5.80	ppb
Zirconium	90-1	9.09	8.85	9.04	8.99	1.42	ppb
Zirconium	91-1	9.17	8.97	9.11	9.08	1.13	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05MS	Instrumnet Name :	P7
Client Sample ID :	MYE5B7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:42:34	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30773.01	31775.10	32059.48	31535.87	2.14	ppb
Antimony	121-1	278.08	271.76	272.75	274.19	1.24	ppb
Arsenic	75-2	279.40	285.31	285.92	283.54	1.27	ppb
Barium	135-1	6320.23	6104.60	6045.53	6156.78	2.35	ppb
Barium	137-1	6290.92	6171.42	6094.73	6185.69	1.60	ppb
Beryllium	9-1	138.51	143.65	141.73	141.30	1.84	ppb
Bismuth	209-1				119		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	128.02	125.53	123.52	125.69	1.79	ppb
Cadmium	106-1	124.29	122.50	121.42	122.74	1.18	ppb
Cadmium	111-1	141.58	139.67	137.41	139.55	1.50	ppb
Calcium	43-1	8468.06	8441.81	8576.12	8495.33	0.84	ppb
Calcium	44-1	8411.99	8372.50	8358.29	8380.93	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	663.48	671.40	665.14	666.68	0.63	ppb
Cobalt	59-2	1527.35	1543.12	1520.25	1530.24	0.76	ppb
Copper	63-2	1123.97	1135.67	1129.26	1129.63	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	56-2	102146.27	103910.80	102792.59	102949.88	0.87	ppb
Iron	57-2	102318.62	103322.94	102622.65	102754.74	0.50	ppb
Iron	54-2	102100.26	104904.37	103804.63	103603.08	1.36	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05MS	Instrumnet Name :	P7
Client Sample ID :	MYE5B7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:42:34	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	231.16	231.03	232.62	231.61	0.38	ppb
Lead	207-1	233.38	235.28	238.86	235.84	1.18	ppb
Lead	208-1	230.41	231.54	234.37	232.11	0.88	ppb
Lithium	6-1				81		%
Magnesium	24-2	13331.69	13429.39	13504.07	13421.72	0.64	ppb
Manganese	55-2	6837.59	7047.83	6972.34	6952.59	1.53	ppb
Molybdenum	94-1	18.02	18.44	18.24	18.23	1.15	ppb
Molybdenum	95-1	2.17	2.23	2.22	2.21	1.42	ppb
Molybdenum	96-1	4.44	4.47	4.46	4.46	0.42	ppb
Molybdenum	97-1	2.09	2.18	2.09	2.12	2.44	ppb
Molybdenum	98-1	2.11	2.17	2.16	2.15	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1577.03	1585.13	1571.40	1577.85	0.44	ppb
Phosphorus	31-2	1790.30	1803.83	1836.26	1810.13	1.31	ppb
Potassium	39-2	5951.51	6012.48	6004.02	5989.33	0.55	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	303.26	309.59	308.74	307.20	1.12	ppb
Selenium	77-2	300.49	307.18	304.63	304.10	1.11	ppb
Selenium	78-2	293.80	304.19	309.69	302.56	2.67	ppb
Silicon	28-1	1938.69	1966.88	1996.15	1967.24	1.46	ppb
Silver	107-1	118.75	117.05	114.65	116.82	1.76	ppb
Silver	109-1	117.99	116.81	114.29	116.36	1.63	ppb
Sodium	23-2	140.87	142.70	141.91	141.83	0.65	ppb
Strontium	86-1	63.47	64.04	64.17	63.89	0.58	ppb
Strontium	88-1	64.71	64.54	65.06	64.77	0.41	ppb
Sulfur	34-1	-1164.32	-1184.29	-1133.29	-1160.63		ppb
Terbium	159-1				118		%
Terbium	159-2				107		%
Thallium	203-1	134.57	134.16	132.91	133.88	0.65	ppb
Thallium	205-1	132.48	135.83	134.25	134.18	1.25	ppb
Tin	118-1	2.86	2.78	2.84	2.82	1.44	ppb
Titanium	47-1	869.76	882.06	886.59	879.47	0.99	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05MS	Instrumnet Name :	P7
Client Sample ID :	MYE5B7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:42:34	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.06	1.06	1.06	0.87	ppb
Vanadium	51-2	1592.49	1617.67	1597.88	1602.68	0.83	ppb
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	1821.11	1847.48	1836.12	1834.90	0.72	ppb
Zirconium	90-1	9.19	9.31	9.32	9.27	0.76	ppb
Zirconium	91-1	9.14	9.56	9.47	9.39	2.36	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-08	Instrumnet Name :	P7
Client Sample ID :	MYE5B8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:45:24	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30747.14	30348.48	30497.06	30530.89	0.66	ppb
Antimony	121-1	3.84	3.82	3.85	3.84	0.47	ppb
Arsenic	75-2	168.65	169.81	167.38	168.61	0.72	ppb
Barium	135-1	620.07	614.22	620.12	618.14	0.55	ppb
Barium	137-1	618.41	614.48	621.40	618.10	0.56	ppb
Beryllium	9-1	1.80	1.81	1.85	1.82	1.62	ppb
Bismuth	209-1				118		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.47	4.52	4.37	4.45	1.74	ppb
Cadmium	106-1	3.40	3.08	2.04	2.84	25.09	ppb
Cadmium	111-1	4.35	4.32	4.36	4.35	0.41	ppb
Calcium	43-1	5468.59	5418.78	5374.37	5420.58	0.87	ppb
Calcium	44-1	5160.25	5150.99	5059.69	5123.64	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.04	100.21	101.25	101.17	0.91	ppb
Cobalt	59-2	61.18	59.54	60.91	60.55	1.45	ppb
Copper	63-2	470.45	456.23	459.46	462.05	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	136585.94	133525.56	135527.22	135212.91	1.15	ppb
Iron	57-2	136626.71	135254.50	134882.65	135587.95	0.68	ppb
Iron	54-2	138137.13	135548.49	135773.05	136486.22	1.05	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-08	Instrumnet Name :	P7
Client Sample ID :	MYE5B8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:45:24	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	175.56	172.68	174.16	174.13	0.83	ppb
Lead	207-1	179.83	177.68	177.53	178.35	0.72	ppb
Lead	208-1	178.10	175.52	175.97	176.53	0.78	ppb
Lithium	6-1				81		%
Magnesium	24-2	12516.66	12461.50	12381.69	12453.28	0.54	ppb
Manganese	55-2	5518.98	5363.78	5476.45	5453.07	1.47	ppb
Molybdenum	94-1	24.04	24.03	24.24	24.10	0.49	ppb
Molybdenum	95-1	2.61	2.58	2.57	2.59	0.86	ppb
Molybdenum	96-1	5.68	5.63	5.69	5.66	0.59	ppb
Molybdenum	97-1	2.59	2.59	2.56	2.58	0.55	ppb
Molybdenum	98-1	2.54	2.53	2.56	2.55	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	82.59	81.05	82.34	82.00	1.01	ppb
Phosphorus	31-2	1932.24	1852.61	1884.18	1889.67	2.12	ppb
Potassium	39-2	7222.76	7122.84	7181.31	7175.64	0.70	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.76	0.97	0.49	0.74	32.73	ppb
Selenium	77-2	16.79	15.18	17.71	16.56	7.73	ppb
Selenium	78-2	4.08	4.49	3.04	3.87	19.35	ppb
Silicon	28-1	1617.71	1591.09	1580.60	1596.47	1.20	ppb
Silver	107-1	1.04	1.04	1.03	1.04	0.85	ppb
Silver	109-1	1.06	1.03	1.03	1.04	1.61	ppb
Sodium	23-2	142.57	142.01	143.10	142.56	0.38	ppb
Strontium	86-1	57.75	58.12	58.04	57.97	0.33	ppb
Strontium	88-1	58.92	58.65	58.04	58.54	0.77	ppb
Sulfur	34-1	-1293.17	-1289.11	-1296.85	-1293.04		ppb
Terbium	159-1				118		%
Terbium	159-2				107		%
Thallium	203-1	0.63	0.61	0.60	0.61	2.08	ppb
Thallium	205-1	0.61	0.61	0.60	0.61	1.24	ppb
Tin	118-1	3.15	3.18	3.17	3.17	0.45	ppb
Titanium	47-1	1166.33	1148.77	1161.61	1158.90	0.78	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-08	Instrumnet Name :	P7
Client Sample ID :	MYE5B8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:45:24	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.41	1.41	1.41	1.41	0.21	ppb
Vanadium	51-2	218.86	217.29	218.49	218.21	0.38	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	448.47	435.68	444.51	442.89	1.48	ppb
Zirconium	90-1	12.31	12.29	12.39	12.33	0.43	ppb
Zirconium	91-1	12.22	12.33	12.49	12.35	1.10	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-09	Instrumnet Name :	P7
Client Sample ID :	MYE5B9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:48:22	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37821.96	37672.70	38728.47	38074.38	1.50	ppb
Antimony	121-1	1.42	1.44	1.46	1.44	1.31	ppb
Arsenic	75-2	115.58	116.24	116.19	116.00	0.32	ppb
Barium	135-1	586.05	583.58	584.03	584.55	0.22	ppb
Barium	137-1	574.38	587.47	578.68	580.18	1.15	ppb
Beryllium	9-1	1.79	1.63	1.64	1.68	5.40	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.15	1.97	2.15	2.09	4.96	ppb
Cadmium	106-1	1.45	0.42	0.10	0.66	107.52	ppb
Cadmium	111-1	1.85	1.85	1.85	1.85	0.18	ppb
Calcium	43-1	9528.48	9584.21	9448.64	9520.44	0.72	ppb
Calcium	44-1	8866.59	9012.18	8839.61	8906.12	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.45	95.48	98.26	96.73	1.46	ppb
Cobalt	59-2	50.10	48.89	50.56	49.85	1.73	ppb
Copper	63-2	203.66	196.24	205.08	201.66	2.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	99786.87	98210.33	102372.69	100123.30	2.10	ppb
Iron	57-2	100968.80	98390.45	102197.51	100518.92	1.93	ppb
Iron	54-2	100134.46	99131.60	103553.75	100939.94	2.30	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-09	Instrumnet Name :	P7
Client Sample ID :	MYE5B9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:48:22	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.12	72.89	73.80	73.27	0.65	ppb
Lead	207-1	72.12	72.01	72.60	72.24	0.44	ppb
Lead	208-1	71.59	70.85	72.26	71.57	0.99	ppb
Lithium	6-1				79		%
Magnesium	24-2	14627.21	14516.06	15034.01	14725.76	1.85	ppb
Manganese	55-2	3371.91	3336.32	3443.11	3383.78	1.61	ppb
Molybdenum	94-1	18.72	18.69	18.81	18.74	0.32	ppb
Molybdenum	95-1	1.39	1.38	1.42	1.40	1.54	ppb
Molybdenum	96-1	3.82	3.80	3.88	3.83	1.01	ppb
Molybdenum	97-1	1.40	1.43	1.32	1.38	3.90	ppb
Molybdenum	98-1	1.42	1.37	1.36	1.38	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.78	85.43	88.29	87.17	1.75	ppb
Phosphorus	31-2	1787.68	1773.34	1829.81	1796.94	1.63	ppb
Potassium	39-2	7595.75	7524.75	7800.91	7640.47	1.88	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.22	0.45	0.07	0.25	76.80	ppb
Selenium	77-2	16.71	18.32	16.23	17.09	6.42	ppb
Selenium	78-2	3.52	4.00	3.65	3.72	6.76	ppb
Silicon	28-1	1846.71	1795.56	1846.92	1829.73	1.62	ppb
Silver	107-1	0.40	0.40	0.40	0.40	1.08	ppb
Silver	109-1	0.40	0.40	0.39	0.40	1.81	ppb
Sodium	23-2	215.03	211.17	221.87	216.03	2.51	ppb
Strontium	86-1	80.05	79.01	79.84	79.63	0.69	ppb
Strontium	88-1	80.16	79.61	79.85	79.87	0.34	ppb
Sulfur	34-1	-1180.79	-1190.09	-1204.75	-1191.88		ppb
Terbium	159-1				117		%
Terbium	159-2				106		%
Thallium	203-1	0.42	0.40	0.41	0.41	2.73	ppb
Thallium	205-1	0.40	0.41	0.42	0.41	1.67	ppb
Tin	118-1	2.05	2.08	2.11	2.08	1.43	ppb
Titanium	47-1	1071.31	1060.89	1057.56	1063.26	0.67	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-09	Instrumnet Name :	P7
Client Sample ID :	MYE5B9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:48:22	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.30	1.31	1.32	1.31	0.69	ppb
Vanadium	51-2	204.75	204.97	211.49	207.07	1.85	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	250.52	245.75	255.02	250.43	1.85	ppb
Zirconium	90-1	9.85	9.94	9.89	9.89	0.48	ppb
Zirconium	91-1	9.97	9.94	9.99	9.97	0.27	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-10	Instrumnet Name :	P7
Client Sample ID :	MYE5C0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:51:24	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31572.62	32253.29	32726.48	32184.13	1.80	ppb
Antimony	121-1	2.46	2.49	2.48	2.48	0.53	ppb
Arsenic	75-2	157.23	157.33	163.88	159.48	2.39	ppb
Barium	135-1	525.19	523.83	514.30	521.11	1.14	ppb
Barium	137-1	524.01	526.10	521.83	523.98	0.41	ppb
Beryllium	9-1	1.44	1.53	1.54	1.50	3.59	ppb
Bismuth	209-1				116		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.67	5.15	4.81	4.87	5.08	ppb
Cadmium	106-1	2.52	2.96	2.45	2.64	10.43	ppb
Cadmium	111-1	5.01	4.98	5.14	5.04	1.68	ppb
Calcium	43-1	5121.37	5069.02	5051.53	5080.64	0.72	ppb
Calcium	44-1	4821.74	4739.46	4756.18	4772.46	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82.20	84.52	84.20	83.64	1.50	ppb
Cobalt	59-2	62.47	63.73	64.79	63.66	1.83	ppb
Copper	63-2	449.62	464.04	470.60	461.42	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	99300.30	100554.28	101238.04	100364.21	0.98	ppb
Iron	57-2	97762.03	101220.18	101244.14	100075.45	2.00	ppb
Iron	54-2	98503.76	101087.21	101677.29	100422.75	1.68	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-10	Instrumnet Name :	P7
Client Sample ID :	MYE5C0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:51:24	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	134.89	132.89	131.70	133.16	1.21	ppb
Lead	207-1	135.79	134.89	134.13	134.94	0.62	ppb
Lead	208-1	135.03	133.63	133.26	133.97	0.70	ppb
Lithium	6-1				81		%
Magnesium	24-2	13343.65	13701.92	13974.23	13673.27	2.31	ppb
Manganese	55-2	3741.90	3780.75	3817.59	3780.08	1.00	ppb
Molybdenum	94-1	13.42	14.05	13.41	13.63	2.67	ppb
Molybdenum	95-1	1.84	1.84	1.85	1.84	0.16	ppb
Molybdenum	96-1	3.69	3.65	3.70	3.68	0.72	ppb
Molybdenum	97-1	1.88	1.84	1.79	1.84	2.31	ppb
Molybdenum	98-1	1.80	1.83	1.83	1.82	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.09	71.08	72.81	71.33	1.93	ppb
Phosphorus	31-2	1693.95	1743.93	1755.51	1731.13	1.89	ppb
Potassium	39-2	7279.91	7308.35	7359.41	7315.89	0.55	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	0.89	0.73	0.72	0.78	12.65	ppb
Selenium	77-2	18.03	20.38	17.41	18.61	8.42	ppb
Selenium	78-2	3.98	4.32	3.48	3.93	10.85	ppb
Silicon	28-1	1733.80	1733.51	1730.75	1732.69	0.10	ppb
Silver	107-1	0.85	0.87	0.85	0.86	0.89	ppb
Silver	109-1	0.85	0.86	0.86	0.86	0.92	ppb
Sodium	23-2	141.72	145.50	149.09	145.44	2.53	ppb
Strontium	86-1	50.27	50.23	50.12	50.21	0.15	ppb
Strontium	88-1	50.82	50.28	50.40	50.50	0.56	ppb
Sulfur	34-1	-1392.09	-1423.67	-1422.20	-1412.65		ppb
Terbium	159-1				117		%
Terbium	159-2				108		%
Thallium	203-1	0.50	0.48	0.49	0.49	1.35	ppb
Thallium	205-1	0.50	0.51	0.51	0.50	1.32	ppb
Tin	118-1	2.66	2.61	2.68	2.65	1.40	ppb
Titanium	47-1	1160.55	1141.58	1150.20	1150.78	0.83	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-10	Instrumnet Name :	P7
Client Sample ID :	MYE5C0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:51:24	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.46	1.46	1.45	1.46	0.53	ppb
Vanadium	51-2	172.24	178.53	178.89	176.55	2.12	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	457.41	463.09	478.24	466.24	2.31	ppb
Zirconium	90-1	6.69	6.73	6.69	6.71	0.36	ppb
Zirconium	91-1	6.82	6.72	6.79	6.78	0.71	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-11	Instrumnet Name :	P7
Client Sample ID :	MYE5C1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:54:22	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39228.92	39907.24	39686.68	39607.62	0.87	ppb
Antimony	121-1	1.49	1.57	1.61	1.56	3.71	ppb
Arsenic	75-2	119.19	119.85	118.37	119.14	0.63	ppb
Barium	135-1	512.42	535.98	528.32	525.57	2.29	ppb
Barium	137-1	509.34	528.02	529.92	522.43	2.18	ppb
Beryllium	9-1	1.51	1.69	1.61	1.60	5.72	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.38	2.45	2.65	2.49	5.66	ppb
Cadmium	106-1	0.41	0.60	0.04	0.35	80.56	ppb
Cadmium	111-1	2.15	2.20	2.23	2.19	2.03	ppb
Calcium	43-1	8041.81	8284.79	8335.83	8220.81	1.91	ppb
Calcium	44-1	7499.28	7771.50	7881.11	7717.30	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.75	109.77	109.89	109.14	1.10	ppb
Cobalt	59-2	54.26	54.89	54.99	54.71	0.73	ppb
Copper	63-2	286.05	288.10	287.54	287.23	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	109171.44	110079.47	110920.33	110057.08	0.79	ppb
Iron	57-2	109333.51	111176.97	112336.49	110948.99	1.36	ppb
Iron	54-2	109891.11	112074.92	110654.14	110873.39	1.00	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-11	Instrumnet Name :	P7
Client Sample ID :	MYE5C1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:54:22	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	95.14	97.90	98.25	97.10	1.75	ppb
Lead	207-1	97.17	101.50	101.67	100.11	2.54	ppb
Lead	208-1	95.65	99.13	98.93	97.90	2.00	ppb
Lithium	6-1				79		%
Magnesium	24-2	15523.09	15849.86	15843.43	15738.80	1.19	ppb
Manganese	55-2	3710.25	3728.67	3766.41	3735.11	0.77	ppb
Molybdenum	94-1	18.21	19.26	19.05	18.84	2.97	ppb
Molybdenum	95-1	1.21	1.28	1.24	1.24	2.87	ppb
Molybdenum	96-1	3.68	3.83	3.67	3.73	2.34	ppb
Molybdenum	97-1	1.24	1.29	1.20	1.24	3.76	ppb
Molybdenum	98-1	1.18	1.25	1.22	1.21	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.08	90.99	91.92	91.00	1.01	ppb
Phosphorus	31-2	1499.86	1513.29	1516.65	1509.93	0.59	ppb
Potassium	39-2	5356.01	5433.41	5554.69	5448.04	1.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	0.36	0.21	0.19	0.25	37.49	ppb
Selenium	77-2	16.39	13.94	13.36	14.56	11.04	ppb
Selenium	78-2	3.47	3.51	2.54	3.17	17.36	ppb
Silicon	28-1	1910.84	1933.95	1967.08	1937.29	1.46	ppb
Silver	107-1	0.55	0.57	0.56	0.56	1.25	ppb
Silver	109-1	0.53	0.56	0.56	0.55	2.80	ppb
Sodium	23-2	148.04	150.06	151.61	149.90	1.19	ppb
Strontium	86-1	64.53	66.89	66.11	65.84	1.83	ppb
Strontium	88-1	65.16	67.56	66.83	66.52	1.84	ppb
Sulfur	34-1	-1415.41	-1413.27	-1395.26	-1407.98		ppb
Terbium	159-1				115		%
Terbium	159-2				105		%
Thallium	203-1	0.40	0.39	0.39	0.39	1.73	ppb
Thallium	205-1	0.38	0.39	0.40	0.39	2.43	ppb
Tin	118-1	2.69	2.88	2.80	2.79	3.37	ppb
Titanium	47-1	964.64	997.52	1010.72	990.96	2.39	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-11	Instrumnet Name :	P7
Client Sample ID :	MYE5C1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:54:22	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.07	1.08	1.06	2.78	ppb
Vanadium	51-2	204.73	204.93	206.77	205.48	0.55	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	276.04	277.63	278.51	277.39	0.45	ppb
Zirconium	90-1	9.74	10.11	10.12	9.99	2.16	ppb
Zirconium	91-1	9.83	10.32	10.04	10.06	2.44	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-12	Instrumnet Name :	P7
Client Sample ID :	MYE5C2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:57:24	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28453.98	28028.62	28307.24	28263.28	0.76	ppb
Antimony	121-1	4.52	4.41	4.49	4.48	1.27	ppb
Arsenic	75-2	206.91	208.63	202.04	205.86	1.66	ppb
Barium	135-1	411.82	408.20	407.98	409.33	0.53	ppb
Barium	137-1	413.12	407.11	412.78	411.00	0.82	ppb
Beryllium	9-1	1.49	1.48	1.41	1.46	2.99	ppb
Bismuth	209-1				117		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.62	3.69	3.60	3.64	1.34	ppb
Cadmium	106-1	1.27	1.10	0.71	1.02	28.20	ppb
Cadmium	111-1	3.75	3.69	3.66	3.70	1.29	ppb
Calcium	43-1	4217.65	4162.78	4135.62	4172.02	1.00	ppb
Calcium	44-1	3984.84	3954.90	3909.24	3949.66	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.18	92.02	95.10	93.77	1.69	ppb
Cobalt	59-2	51.24	50.65	51.53	51.14	0.87	ppb
Copper	63-2	691.11	690.61	690.43	690.72	0.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	113398.45	111310.26	113829.52	112846.07	1.19	ppb
Iron	57-2	113181.74	110241.11	113272.86	112231.90	1.54	ppb
Iron	54-2	113765.21	113205.41	115007.41	113992.68	0.81	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-12	Instrumnet Name :	P7
Client Sample ID :	MYE5C2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:57:24	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	246.06	243.26	239.95	243.09	1.26	ppb
Lead	207-1	252.60	248.26	242.62	247.83	2.02	ppb
Lead	208-1	248.02	245.32	240.03	244.46	1.66	ppb
Lithium	6-1				79		%
Magnesium	24-2	11749.30	11868.71	11696.38	11771.46	0.75	ppb
Manganese	55-2	3641.84	3595.46	3660.80	3632.70	0.93	ppb
Molybdenum	94-1	21.24	21.47	20.88	21.20	1.41	ppb
Molybdenum	95-1	1.86	1.89	1.85	1.86	1.04	ppb
Molybdenum	96-1	4.58	4.61	4.45	4.55	1.86	ppb
Molybdenum	97-1	1.81	1.79	1.81	1.80	0.66	ppb
Molybdenum	98-1	1.83	1.85	1.79	1.83	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.63	71.49	71.69	71.61	0.15	ppb
Phosphorus	31-2	1733.70	1714.81	1713.48	1720.66	0.66	ppb
Potassium	39-2	6129.84	6042.29	6241.85	6137.99	1.63	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	0.84	1.32	1.04	1.06	22.68	ppb
Selenium	77-2	13.22	14.97	14.41	14.20	6.31	ppb
Selenium	78-2	4.50	3.83	3.46	3.93	13.40	ppb
Silicon	28-1	1706.70	1688.59	1670.61	1688.63	1.07	ppb
Silver	107-1	1.92	1.89	1.87	1.89	1.53	ppb
Silver	109-1	1.91	1.90	1.87	1.89	0.99	ppb
Sodium	23-2	136.20	136.47	138.73	137.13	1.01	ppb
Strontium	86-1	46.31	46.36	44.92	45.86	1.77	ppb
Strontium	88-1	46.40	45.95	45.63	45.99	0.84	ppb
Sulfur	34-1	-1434.51	-1464.73	-1476.84	-1458.70		ppb
Terbium	159-1				116		%
Terbium	159-2				105		%
Thallium	203-1	0.55	0.55	0.52	0.54	3.21	ppb
Thallium	205-1	0.53	0.53	0.53	0.53	0.62	ppb
Tin	118-1	3.47	3.43	3.42	3.44	0.78	ppb
Titanium	47-1	1153.00	1132.11	1137.68	1140.93	0.95	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-12	Instrumnet Name :	P7
Client Sample ID :	MYE5C2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:57:24	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.46	1.46	1.45	1.45	0.39	ppb
Vanadium	51-2	188.94	185.30	193.70	189.32	2.23	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	377.64	379.43	379.59	378.89	0.29	ppb
Zirconium	90-1	11.10	10.99	10.86	10.98	1.10	ppb
Zirconium	91-1	11.17	11.09	10.89	11.05	1.31	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-13	Instrumnet Name :	P7
Client Sample ID :	MYE5C3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:00:22	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34904.90	34248.54	34352.57	34502.01	1.02	ppb
Antimony	121-1	2.72	2.72	2.68	2.71	0.91	ppb
Arsenic	75-2	169.34	167.99	167.26	168.19	0.63	ppb
Barium	135-1	918.51	890.03	887.38	898.64	1.92	ppb
Barium	137-1	908.68	892.18	889.95	896.94	1.14	ppb
Beryllium	9-1	1.81	1.82	1.82	1.82	0.39	ppb
Bismuth	209-1				116		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.52	3.36	3.65	3.51	4.06	ppb
Cadmium	106-1	1.67	1.30	1.76	1.58	15.46	ppb
Cadmium	111-1	3.37	3.34	3.34	3.35	0.59	ppb
Calcium	43-1	6495.66	6421.17	6356.84	6424.56	1.08	ppb
Calcium	44-1	6102.52	6116.53	5941.13	6053.40	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.74	107.02	106.86	107.54	0.97	ppb
Cobalt	59-2	63.81	62.47	62.76	63.01	1.12	ppb
Copper	63-2	497.60	479.67	481.97	486.41	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	120999.98	118502.27	118657.57	119386.61	1.17	ppb
Iron	57-2	120450.67	118838.73	120834.68	120041.36	0.88	ppb
Iron	54-2	122082.45	119525.98	122088.61	121232.35	1.22	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-13	Instrumnet Name :	P7
Client Sample ID :	MYE5C3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:00:22	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	151.61	149.32	146.91	149.28	1.58	ppb
Lead	207-1	152.62	149.76	149.07	150.48	1.25	ppb
Lead	208-1	151.08	149.41	147.63	149.37	1.16	ppb
Lithium	6-1				79		%
Magnesium	24-2	15604.39	15082.08	15235.76	15307.41	1.75	ppb
Manganese	55-2	6840.51	6687.44	6739.88	6755.94	1.15	ppb
Molybdenum	94-1	22.17	21.83	21.83	21.94	0.90	ppb
Molybdenum	95-1	1.75	1.68	1.63	1.69	3.63	ppb
Molybdenum	96-1	4.63	4.44	4.46	4.51	2.33	ppb
Molybdenum	97-1	1.63	1.59	1.58	1.60	1.45	ppb
Molybdenum	98-1	1.62	1.56	1.55	1.58	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.25	97.92	97.66	98.61	1.45	ppb
Phosphorus	31-2	2031.59	2006.01	1964.06	2000.55	1.70	ppb
Potassium	39-2	7569.33	7518.16	7442.34	7509.95	0.85	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	1.04	0.87	0.96	0.96	8.54	ppb
Selenium	77-2	19.31	18.42	17.59	18.44	4.67	ppb
Selenium	78-2	3.76	4.03	4.10	3.96	4.45	ppb
Silicon	28-1	1782.23	1752.50	1769.19	1767.98	0.84	ppb
Silver	107-1	1.09	1.07	1.08	1.08	0.72	ppb
Silver	109-1	1.09	1.06	1.05	1.07	2.08	ppb
Sodium	23-2	143.56	139.94	141.62	141.71	1.28	ppb
Strontium	86-1	72.61	70.41	70.59	71.21	1.72	ppb
Strontium	88-1	72.83	71.08	71.72	71.88	1.23	ppb
Sulfur	34-1	-1359.83	-1371.76	-1407.22	-1379.60		ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.58	0.56	0.54	0.56	3.09	ppb
Thallium	205-1	0.57	0.54	0.54	0.55	3.05	ppb
Tin	118-1	2.65	2.72	2.61	2.66	2.09	ppb
Titanium	47-1	1292.98	1284.38	1230.47	1269.27	2.67	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-13	Instrumnet Name :	P7
Client Sample ID :	MYE5C3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:00:22	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.52	1.47	1.46	1.48	2.16	ppb
Vanadium	51-2	226.63	223.05	222.80	224.16	0.96	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	355.00	345.53	346.86	349.13	1.47	ppb
Zirconium	90-1	11.84	11.53	11.41	11.59	1.90	ppb
Zirconium	91-1	11.74	11.60	11.51	11.61	0.98	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-14	Instrumnet Name :	P7
Client Sample ID :	MYE5C4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:03:23	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44371.39	45741.93	44397.47	44836.93	1.75	ppb
Antimony	121-1	0.88	0.87	0.87	0.87	1.12	ppb
Arsenic	75-2	118.37	119.00	120.18	119.18	0.77	ppb
Barium	135-1	649.74	636.47	633.97	640.06	1.32	ppb
Barium	137-1	645.74	630.03	639.49	638.42	1.24	ppb
Beryllium	9-1	2.17	2.14	2.16	2.16	0.54	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.79	1.99	1.84	1.87	5.33	ppb
Cadmium	106-1	0.42	-0.16	-0.75	-0.16		ppb
Cadmium	111-1	1.58	1.49	1.50	1.52	3.21	ppb
Calcium	43-1	9144.69	9054.21	9120.07	9106.33	0.51	ppb
Calcium	44-1	8682.29	8563.45	8473.48	8573.07	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111.80	114.53	112.97	113.10	1.21	ppb
Cobalt	59-2	59.99	62.03	60.51	60.84	1.74	ppb
Copper	63-2	211.68	218.05	213.02	214.25	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	111377.33	113308.46	111912.25	112199.34	0.89	ppb
Iron	57-2	110784.76	114565.50	112623.81	112658.02	1.68	ppb
Iron	54-2	111295.59	115603.45	114633.24	113844.10	1.98	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-14	Instrumnet Name :	P7
Client Sample ID :	MYE5C4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:03:23	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.81	75.05	74.62	74.49	0.84	ppb
Lead	207-1	73.62	74.66	74.00	74.09	0.71	ppb
Lead	208-1	72.76	73.28	73.27	73.10	0.40	ppb
Lithium	6-1				79		%
Magnesium	24-2	17495.21	17741.81	17653.78	17630.27	0.71	ppb
Manganese	55-2	4426.01	4519.97	4485.89	4477.29	1.06	ppb
Molybdenum	94-1	18.62	18.53	18.27	18.47	1.00	ppb
Molybdenum	95-1	1.19	1.18	1.18	1.18	0.10	ppb
Molybdenum	96-1	3.68	3.70	3.67	3.68	0.45	ppb
Molybdenum	97-1	1.19	1.15	1.14	1.16	2.57	ppb
Molybdenum	98-1	1.14	1.13	1.09	1.12	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.32	100.27	98.67	98.75	1.49	ppb
Phosphorus	31-2	1459.66	1486.09	1506.08	1483.94	1.57	ppb
Potassium	39-2	7496.06	7400.84	7443.94	7446.95	0.64	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	0.42	0.61	0.55	0.53	18.45	ppb
Selenium	77-2	18.62	15.67	19.04	17.78	10.32	ppb
Selenium	78-2	4.07	3.49	5.07	4.21	18.96	ppb
Silicon	28-1	2041.97	2024.95	2031.24	2032.72	0.42	ppb
Silver	107-1	0.41	0.41	0.39	0.40	2.95	ppb
Silver	109-1	0.43	0.41	0.40	0.41	3.20	ppb
Sodium	23-2	593.24	607.93	604.72	601.97	1.28	ppb
Strontium	86-1	77.82	77.57	76.13	77.17	1.18	ppb
Strontium	88-1	78.70	77.66	76.72	77.69	1.28	ppb
Sulfur	34-1	-1222.45	-1249.72	-1278.05	-1250.07		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.49	0.50	0.48	0.49	2.37	ppb
Thallium	205-1	0.48	0.48	0.47	0.48	1.06	ppb
Tin	118-1	2.25	2.23	2.23	2.24	0.64	ppb
Titanium	47-1	890.90	877.06	866.93	878.30	1.37	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-14	Instrumnet Name :	P7
Client Sample ID :	MYE5C4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:03:23	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.32	1.33	1.33	1.33	0.61	ppb
Vanadium	51-2	222.08	228.44	221.70	224.07	1.69	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	246.42	254.90	250.43	250.58	1.69	ppb
Zirconium	90-1	9.90	9.88	9.80	9.86	0.53	ppb
Zirconium	91-1	9.97	10.18	9.85	10.00	1.68	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-15	Instrumnet Name :	P7
Client Sample ID :	MYE5C5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:06:22	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35336.90	35523.81	35767.72	35542.81	0.61	ppb
Antimony	121-1	2.38	2.39	2.29	2.35	2.37	ppb
Arsenic	75-2	127.18	128.50	127.73	127.80	0.52	ppb
Barium	135-1	592.55	587.27	568.80	582.87	2.14	ppb
Barium	137-1	592.27	594.25	567.25	584.59	2.57	ppb
Beryllium	9-1	1.61	1.56	1.60	1.59	1.58	ppb
Bismuth	209-1				116		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.49	4.67	4.18	4.45	5.54	ppb
Cadmium	106-1	2.35	2.40	2.40	2.38	1.04	ppb
Cadmium	111-1	4.34	4.27	4.18	4.26	1.84	ppb
Calcium	43-1	7974.44	8059.79	7961.15	7998.46	0.67	ppb
Calcium	44-1	7583.90	7631.94	7485.95	7567.26	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.72	95.20	95.19	94.71	0.90	ppb
Cobalt	59-2	53.00	53.85	54.00	53.62	1.01	ppb
Copper	63-2	503.02	507.11	509.12	506.42	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	89412.13	89850.94	91375.45	90212.84	1.14	ppb
Iron	57-2	89100.94	91070.90	90611.17	90261.00	1.14	ppb
Iron	54-2	89742.40	91208.54	91530.95	90827.30	1.05	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-15	Instrumnet Name :	P7
Client Sample ID :	MYE5C5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:06:22	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	193.20	193.17	189.55	191.97	1.09	ppb
Lead	207-1	198.61	192.13	188.76	193.16	2.59	ppb
Lead	208-1	194.02	191.48	189.27	191.59	1.24	ppb
Lithium	6-1				79		%
Magnesium	24-2	14171.10	14432.90	14408.48	14337.50	1.01	ppb
Manganese	55-2	4161.68	4172.12	4161.05	4164.95	0.15	ppb
Molybdenum	94-1	19.69	19.65	19.38	19.57	0.87	ppb
Molybdenum	95-1	2.02	1.98	2.00	2.00	1.09	ppb
Molybdenum	96-1	4.42	4.36	4.31	4.36	1.28	ppb
Molybdenum	97-1	2.03	1.99	1.99	2.00	1.04	ppb
Molybdenum	98-1	1.97	1.95	1.94	1.96	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	82.56	84.72	84.93	84.07	1.56	ppb
Phosphorus	31-2	1889.67	1920.55	1939.11	1916.44	1.30	ppb
Potassium	39-2	8099.07	8111.68	8100.43	8103.73	0.09	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	1.15	1.28	1.14	1.19	6.37	ppb
Selenium	77-2	16.35	18.97	16.88	17.40	7.97	ppb
Selenium	78-2	4.03	4.45	4.09	4.19	5.42	ppb
Silicon	28-1	1935.05	1945.72	1907.44	1929.40	1.02	ppb
Silver	107-1	1.50	1.49	1.44	1.47	2.23	ppb
Silver	109-1	1.51	1.52	1.46	1.49	2.32	ppb
Sodium	23-2	158.50	160.04	161.83	160.12	1.04	ppb
Strontium	86-1	70.13	69.30	67.85	69.10	1.67	ppb
Strontium	88-1	70.25	70.55	69.07	69.95	1.12	ppb
Sulfur	34-1	-1027.80	-1063.96	-1086.49	-1059.42		ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.49	0.49	0.48	0.49	1.15	ppb
Thallium	205-1	0.50	0.50	0.49	0.49	0.59	ppb
Tin	118-1	3.73	3.73	3.57	3.68	2.51	ppb
Titanium	47-1	1136.51	1141.89	1111.71	1130.03	1.42	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-15	Instrumnet Name :	P7
Client Sample ID :	MYE5C5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:06:22	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.36	1.29	1.31	1.32	2.58	ppb
Vanadium	51-2	157.93	160.71	158.49	159.04	0.93	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	432.65	434.43	438.99	435.36	0.75	ppb
Zirconium	90-1	10.15	10.06	9.93	10.05	1.11	ppb
Zirconium	91-1	10.25	10.14	9.96	10.12	1.42	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-16	Instrumnet Name :	P7
Client Sample ID :	MYE5C6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:09:23	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45142.52	44993.16	46117.85	45417.84	1.34	ppb
Antimony	121-1	2.81	2.78	2.82	2.80	0.73	ppb
Arsenic	75-2	172.80	174.66	170.71	172.73	1.14	ppb
Barium	135-1	946.96	951.47	937.88	945.44	0.73	ppb
Barium	137-1	956.77	951.80	937.83	948.80	1.03	ppb
Beryllium	9-1	2.18	2.10	2.18	2.16	2.04	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.61	5.59	5.36	5.52	2.54	ppb
Cadmium	106-1	4.44	4.15	4.25	4.28	3.48	ppb
Cadmium	111-1	5.65	5.64	5.60	5.63	0.46	ppb
Calcium	43-1	10703.48	10602.62	10478.90	10595.00	1.06	ppb
Calcium	44-1	10162.14	9941.03	9777.19	9960.12	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.93	117.24	120.64	118.93	1.43	ppb
Cobalt	59-2	68.41	67.18	68.83	68.14	1.26	ppb
Copper	63-2	656.31	648.39	658.11	654.27	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	123362.80	120641.48	124575.07	122859.78	1.64	ppb
Iron	57-2	123142.18	120524.61	124811.59	122826.13	1.76	ppb
Iron	54-2	124976.10	122491.85	126116.61	124528.19	1.49	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-16	Instrumnet Name :	P7
Client Sample ID :	MYE5C6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:09:23	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	256.69	245.71	245.25	249.22	2.60	ppb
Lead	207-1	258.44	249.39	247.78	251.87	2.28	ppb
Lead	208-1	254.79	247.84	245.54	249.39	1.93	ppb
Lithium	6-1				79		%
Magnesium	24-2	18053.33	18146.25	18357.25	18185.61	0.86	ppb
Manganese	55-2	6456.60	6265.55	6479.39	6400.51	1.83	ppb
Molybdenum	94-1	26.36	26.36	25.85	26.19	1.13	ppb
Molybdenum	95-1	2.53	2.52	2.42	2.49	2.45	ppb
Molybdenum	96-1	5.71	5.77	5.72	5.73	0.54	ppb
Molybdenum	97-1	2.47	2.40	2.43	2.43	1.45	ppb
Molybdenum	98-1	2.45	2.43	2.40	2.43	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.40	104.22	106.23	105.28	0.96	ppb
Phosphorus	31-2	2592.67	2571.48	2629.20	2597.78	1.12	ppb
Potassium	39-2	10576.18	10582.17	10687.95	10615.44	0.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	1.45	1.34	1.50	1.43	5.70	ppb
Selenium	77-2	23.45	20.48	19.30	21.08	10.13	ppb
Selenium	78-2	4.51	5.51	4.74	4.92	10.72	ppb
Silicon	28-1	1963.95	1935.98	1924.33	1941.42	1.05	ppb
Silver	107-1	1.83	1.84	1.80	1.82	1.33	ppb
Silver	109-1	1.85	1.84	1.79	1.83	1.82	ppb
Sodium	23-2	179.55	178.28	182.66	180.16	1.25	ppb
Strontium	86-1	95.10	93.40	91.96	93.49	1.68	ppb
Strontium	88-1	95.06	94.64	93.25	94.32	1.01	ppb
Sulfur	34-1	-851.07	-857.87	-894.86	-867.93		ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.69	0.67	0.66	0.67	2.23	ppb
Thallium	205-1	0.68	0.66	0.66	0.67	1.57	ppb
Tin	118-1	4.17	4.09	4.08	4.11	1.24	ppb
Titanium	47-1	1353.34	1326.81	1311.53	1330.56	1.59	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-16	Instrumnet Name :	P7
Client Sample ID :	MYE5C6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:09:23	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.85	1.82	1.79	1.82	1.61	ppb
Vanadium	51-2	211.39	209.37	211.76	210.84	0.61	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	562.62	557.89	566.15	562.22	0.74	ppb
Zirconium	90-1	13.77	13.57	13.48	13.61	1.10	ppb
Zirconium	91-1	13.94	13.60	13.73	13.76	1.24	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-17	Instrumnet Name :	P7
Client Sample ID :	MYE5C7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:12:21	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56232.08	58135.55	56468.84	56945.49	1.82	ppb
Antimony	121-1	1.42	1.53	1.49	1.48	3.64	ppb
Arsenic	75-2	184.48	181.26	186.28	184.01	1.38	ppb
Barium	135-1	785.21	854.99	831.64	823.95	4.31	ppb
Barium	137-1	783.28	847.79	825.70	818.93	4.00	ppb
Beryllium	9-1	2.40	2.65	2.57	2.54	4.93	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.77	3.26	3.19	3.07	8.54	ppb
Cadmium	106-1	1.75	1.93	2.16	1.95	10.58	ppb
Cadmium	111-1	2.66	2.84	2.80	2.76	3.39	ppb
Calcium	43-1	10167.42	10985.28	10882.54	10678.41	4.17	ppb
Calcium	44-1	9618.52	10393.94	10156.72	10056.39	3.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139.16	136.99	136.49	137.55	1.03	ppb
Cobalt	59-2	80.41	79.83	80.49	80.24	0.45	ppb
Copper	63-2	334.77	341.68	333.20	336.55	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	144667.16	145571.43	143148.30	144462.30	0.85	ppb
Iron	57-2	144176.30	146410.51	142547.79	144378.20	1.34	ppb
Iron	54-2	146251.28	144644.71	144573.47	145156.48	0.65	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-17	Instrumnet Name :	P7
Client Sample ID :	MYE5C7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:12:21	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	114.38	124.29	122.89	120.52	4.45	ppb
Lead	207-1	114.15	124.29	124.73	121.06	4.95	ppb
Lead	208-1	113.90	124.17	123.13	120.40	4.70	ppb
Lithium	6-1				81		%
Magnesium	24-2	21951.97	22064.20	21677.06	21897.74	0.91	ppb
Manganese	55-2	5697.60	5707.90	5671.98	5692.49	0.32	ppb
Molybdenum	94-1	28.22	30.88	30.29	29.80	4.68	ppb
Molybdenum	95-1	1.63	1.82	1.68	1.71	5.75	ppb
Molybdenum	96-1	5.22	5.76	5.60	5.53	5.05	ppb
Molybdenum	97-1	1.62	1.70	1.71	1.67	2.93	ppb
Molybdenum	98-1	1.58	1.71	1.67	1.65	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.32	139.36	140.32	140.33	0.70	ppb
Phosphorus	31-2	1840.50	1882.45	1831.61	1851.52	1.47	ppb
Potassium	39-2	6658.53	6659.70	6618.80	6645.68	0.35	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.36	0.98	1.02	0.79	46.91	ppb
Selenium	77-2	24.12	24.27	26.06	24.81	4.36	ppb
Selenium	78-2	4.47	4.66	4.75	4.63	3.03	ppb
Silicon	28-1	1745.42	1908.93	1844.17	1832.84	4.49	ppb
Silver	107-1	0.58	0.61	0.60	0.60	2.99	ppb
Silver	109-1	0.56	0.61	0.61	0.60	4.62	ppb
Sodium	23-2	171.38	170.85	172.94	171.72	0.63	ppb
Strontium	86-1	92.27	101.42	98.77	97.48	4.83	ppb
Strontium	88-1	92.99	101.21	99.91	98.04	4.51	ppb
Sulfur	34-1	-1414.04	-1233.57	-1252.79	-1300.13		ppb
Terbium	159-1				116		%
Terbium	159-2				105		%
Thallium	203-1	0.61	0.68	0.65	0.65	5.35	ppb
Thallium	205-1	0.61	0.64	0.65	0.63	3.51	ppb
Tin	118-1	4.38	4.77	4.76	4.64	4.78	ppb
Titanium	47-1	1361.44	1497.76	1439.38	1432.86	4.77	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-17	Instrumnet Name :	P7
Client Sample ID :	MYE5C7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:12:21	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.63	1.74	1.73	1.70	3.73	ppb
Vanadium	51-2	283.53	278.59	276.62	279.58	1.27	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	320.79	325.14	323.48	323.14	0.68	ppb
Zirconium	90-1	15.09	16.48	16.22	15.93	4.63	ppb
Zirconium	91-1	15.21	16.82	16.35	16.13	5.11	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-18	Instrumnet Name :	P7
Client Sample ID :	MYE5C8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:15:20	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32001.78	32249.64	31423.69	31891.70	1.33	ppb
Antimony	121-1	2.54	2.63	2.57	2.58	1.90	ppb
Arsenic	75-2	132.37	131.24	131.45	131.69	0.46	ppb
Barium	135-1	503.64	517.50	515.43	512.19	1.46	ppb
Barium	137-1	501.70	512.65	513.11	509.16	1.27	ppb
Beryllium	9-1	1.61	1.56	1.67	1.62	3.46	ppb
Bismuth	209-1				115		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.18	2.31	2.48	2.32	6.45	ppb
Cadmium	106-1	0.77	-0.02	0.13	0.29	142.68	ppb
Cadmium	111-1	2.02	2.05	2.03	2.03	0.84	ppb
Calcium	43-1	5966.24	6174.28	6296.53	6145.68	2.72	ppb
Calcium	44-1	5717.59	5731.69	5859.91	5769.73	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.42	107.83	104.65	106.96	1.90	ppb
Cobalt	59-2	60.51	60.90	58.80	60.07	1.86	ppb
Copper	63-2	271.26	270.27	266.04	269.19	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	122775.42	122674.60	119270.55	121573.53	1.64	ppb
Iron	57-2	123555.73	123196.19	120038.82	122263.58	1.58	ppb
Iron	54-2	124870.06	123690.10	119541.84	122700.67	2.28	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-18	Instrumnet Name :	P7
Client Sample ID :	MYE5C8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:15:20	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	89.91	92.55	93.26	91.91	1.92	ppb
Lead	207-1	90.05	92.98	93.33	92.12	1.95	ppb
Lead	208-1	88.93	91.72	91.41	90.69	1.69	ppb
Lithium	6-1				80		%
Magnesium	24-2	15739.52	15812.59	15474.10	15675.40	1.14	ppb
Manganese	55-2	4259.45	4242.50	4122.36	4208.10	1.78	ppb
Molybdenum	94-1	18.47	18.88	19.03	18.79	1.52	ppb
Molybdenum	95-1	1.43	1.44	1.45	1.44	0.60	ppb
Molybdenum	96-1	3.90	3.98	4.02	3.97	1.49	ppb
Molybdenum	97-1	1.41	1.47	1.45	1.44	2.04	ppb
Molybdenum	98-1	1.38	1.42	1.41	1.40	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.72	101.18	98.40	100.44	1.78	ppb
Phosphorus	31-2	1727.18	1770.07	1698.18	1731.81	2.09	ppb
Potassium	39-2	7447.38	7402.91	7206.75	7352.35	1.74	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.59	0.54	0.45	0.52	13.71	ppb
Selenium	77-2	17.17	14.52	14.62	15.44	9.70	ppb
Selenium	78-2	4.01	3.36	3.56	3.64	9.23	ppb
Silicon	28-1	1829.97	1834.06	1899.62	1854.55	2.11	ppb
Silver	107-1	0.57	0.58	0.59	0.58	1.50	ppb
Silver	109-1	0.56	0.58	0.58	0.57	2.19	ppb
Sodium	23-2	637.66	639.80	615.48	630.98	2.13	ppb
Strontium	86-1	63.48	64.07	65.23	64.26	1.38	ppb
Strontium	88-1	65.31	65.19	64.90	65.14	0.32	ppb
Sulfur	34-1	-1248.76	-1231.65	-1192.70	-1224.37		ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	0.51	0.51	0.54	0.52	2.80	ppb
Thallium	205-1	0.50	0.52	0.51	0.51	2.34	ppb
Tin	118-1	3.84	3.89	3.86	3.86	0.73	ppb
Titanium	47-1	1016.61	1049.43	1041.01	1035.69	1.65	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-18	Instrumnet Name :	P7
Client Sample ID :	MYE5C8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:15:20	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.44	1.48	1.48	1.46	1.72	ppb
Vanadium	51-2	238.32	237.99	233.50	236.61	1.14	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	325.77	328.19	319.34	324.43	1.41	ppb
Zirconium	90-1	9.76	9.89	10.01	9.89	1.25	ppb
Zirconium	91-1	9.90	9.96	10.16	10.01	1.39	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-19	Instrumnet Name :	P7
Client Sample ID :	MYE5C9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:18:20	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50145.49	50317.83	49714.55	50059.29	0.62	ppb
Antimony	121-1	0.75	0.76	0.74	0.75	0.98	ppb
Arsenic	75-2	123.14	122.28	120.21	121.88	1.23	ppb
Barium	135-1	593.22	584.93	585.99	588.05	0.77	ppb
Barium	137-1	588.11	574.88	584.26	582.42	1.17	ppb
Beryllium	9-1	2.32	2.24	2.20	2.25	2.71	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.97	2.00	2.15	2.04	4.65	ppb
Cadmium	106-1	0.20	0.39	-0.50	0.03	1483.62	ppb
Cadmium	111-1	1.61	1.62	1.61	1.61	0.25	ppb
Calcium	43-1	8372.04	8327.43	8344.63	8348.03	0.27	ppb
Calcium	44-1	7779.83	7883.88	7776.69	7813.47	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137.39	137.25	134.58	136.41	1.16	ppb
Cobalt	59-2	58.18	58.34	57.57	58.03	0.70	ppb
Copper	63-2	183.22	184.35	183.16	183.58	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	116296.87	116778.77	114000.35	115691.99	1.28	ppb
Iron	57-2	116368.57	116888.38	114328.38	115861.78	1.17	ppb
Iron	54-2	116842.61	117489.46	115880.04	116737.37	0.69	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-19	Instrumnet Name :	P7
Client Sample ID :	MYE5C9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:18:20	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	68.14	67.46	66.93	67.51	0.90	ppb
Lead	207-1	67.42	66.84	66.49	66.92	0.70	ppb
Lead	208-1	66.48	65.85	65.70	66.01	0.62	ppb
Lithium	6-1				77		%
Magnesium	24-2	16589.50	16527.76	16508.83	16542.03	0.26	ppb
Manganese	55-2	3819.41	3827.53	3748.06	3798.33	1.15	ppb
Molybdenum	94-1	25.45	25.45	25.29	25.40	0.38	ppb
Molybdenum	95-1	1.29	1.28	1.27	1.28	0.81	ppb
Molybdenum	96-1	4.48	4.55	4.49	4.51	0.84	ppb
Molybdenum	97-1	1.26	1.28	1.25	1.26	1.07	ppb
Molybdenum	98-1	1.26	1.27	1.25	1.26	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.28	105.15	103.66	104.36	0.72	ppb
Phosphorus	31-2	1378.93	1385.07	1366.49	1376.83	0.69	ppb
Potassium	39-2	7084.44	7047.97	6960.09	7030.83	0.91	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.57	0.29	0.59	0.48	34.10	ppb
Selenium	77-2	20.33	19.94	18.84	19.71	3.91	ppb
Selenium	78-2	4.35	4.38	3.54	4.09	11.69	ppb
Silicon	28-1	2251.32	2218.23	2213.58	2227.71	0.92	ppb
Silver	107-1	0.32	0.31	0.32	0.32	1.64	ppb
Silver	109-1	0.30	0.30	0.30	0.30	0.69	ppb
Sodium	23-2	124.65	126.08	124.13	124.95	0.81	ppb
Strontium	86-1	75.64	75.56	75.01	75.41	0.45	ppb
Strontium	88-1	75.26	75.59	75.02	75.29	0.38	ppb
Sulfur	34-1	-1391.26	-1408.80	-1420.50	-1406.86		ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	0.51	0.52	0.51	0.51	1.56	ppb
Thallium	205-1	0.51	0.51	0.50	0.51	0.88	ppb
Tin	118-1	3.66	3.72	3.69	3.69	0.87	ppb
Titanium	47-1	1119.00	1128.73	1127.20	1124.98	0.46	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-19	Instrumnet Name :	P7
Client Sample ID :	MYE5C9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:18:20	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.48	1.47	1.45	1.47	0.89	ppb
Vanadium	51-2	228.93	230.51	228.37	229.27	0.48	ppb
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	226.18	226.11	220.83	224.37	1.37	ppb
Zirconium	90-1	13.73	13.73	13.66	13.71	0.32	ppb
Zirconium	91-1	13.69	14.00	13.63	13.77	1.43	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-20	Instrumnet Name :	P7
Client Sample ID :	MYE5D0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:21:21	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61138.59	62442.41	63502.96	62361.32	1.90	ppb
Antimony	121-1	0.89	0.90	0.89	0.89	0.65	ppb
Arsenic	75-2	138.93	136.19	135.53	136.88	1.32	ppb
Barium	135-1	856.78	864.60	854.72	858.70	0.61	ppb
Barium	137-1	858.16	865.27	856.70	860.04	0.53	ppb
Beryllium	9-1	2.36	2.38	2.33	2.36	1.15	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.16	2.13	1.83	2.04	8.87	ppb
Cadmium	106-1	0.85	-0.16	-0.06	0.21	266.00	ppb
Cadmium	111-1	1.36	1.31	1.32	1.33	2.04	ppb
Calcium	43-1	11609.66	11675.10	11607.84	11630.87	0.33	ppb
Calcium	44-1	10684.82	10908.80	10944.20	10845.94	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139.79	138.59	143.16	140.52	1.69	ppb
Cobalt	59-2	85.80	87.80	89.09	87.56	1.89	ppb
Copper	63-2	200.24	203.80	206.35	203.46	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	137295.81	139044.15	138582.35	138307.44	0.66	ppb
Iron	57-2	133551.58	139787.62	141668.48	138335.89	3.07	ppb
Iron	54-2	137988.85	139879.80	140748.71	139539.12	1.01	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-20	Instrumnet Name :	P7
Client Sample ID :	MYE5D0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:21:21	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.66	58.66	58.32	58.21	0.87	ppb
Lead	207-1	56.95	57.69	57.47	57.37	0.66	ppb
Lead	208-1	56.83	57.28	56.84	56.98	0.46	ppb
Lithium	6-1				82		%
Magnesium	24-2	24939.18	25534.54	25868.68	25447.47	1.85	ppb
Manganese	55-2	16465.29	16792.03	16745.23	16667.52	1.06	ppb
Molybdenum	94-1	25.44	25.78	26.15	25.79	1.38	ppb
Molybdenum	95-1	2.04	2.00	2.07	2.04	1.65	ppb
Molybdenum	96-1	5.11	5.17	5.26	5.18	1.44	ppb
Molybdenum	97-1	1.79	1.89	1.85	1.84	2.49	ppb
Molybdenum	98-1	1.75	1.79	1.82	1.79	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.59	134.44	136.95	134.32	2.00	ppb
Phosphorus	31-2	1620.30	1630.93	1623.03	1624.75	0.34	ppb
Potassium	39-2	7609.49	7672.19	7677.38	7653.02	0.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.26	0.33	0.41	0.33	22.20	ppb
Selenium	77-2	22.68	22.85	20.84	22.12	5.04	ppb
Selenium	78-2	5.87	4.48	4.06	4.81	19.72	ppb
Silicon	28-1	2090.65	2090.09	2109.18	2096.64	0.52	ppb
Silver	107-1	0.27	0.26	0.26	0.26	1.83	ppb
Silver	109-1	0.26	0.26	0.26	0.26	0.58	ppb
Sodium	23-2	209.32	209.87	217.82	212.34	2.24	ppb
Strontium	86-1	102.61	103.24	104.17	103.34	0.76	ppb
Strontium	88-1	103.17	103.54	104.32	103.68	0.57	ppb
Sulfur	34-1	-1377.33	-1356.70	-1348.01	-1360.68		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.58	0.58	0.58	0.58	0.40	ppb
Thallium	205-1	0.56	0.58	0.57	0.57	1.74	ppb
Tin	118-1	3.61	3.66	3.61	3.63	0.83	ppb
Titanium	47-1	1158.13	1152.01	1147.37	1152.50	0.47	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-20	Instrumnet Name :	P7
Client Sample ID :	MYE5D0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:21:21	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.60	1.64	1.62	1.62	1.21	ppb
Vanadium	51-2	265.10	267.79	268.54	267.14	0.68	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	245.17	254.11	258.90	252.72	2.76	ppb
Zirconium	90-1	13.45	13.71	13.73	13.63	1.14	ppb
Zirconium	91-1	13.54	13.71	13.88	13.71	1.23	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-21	Instrumnet Name :	P7
Client Sample ID :	MYE5D1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:24:20	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43789.03	43065.24	42487.16	43113.81	1.51	ppb
Antimony	121-1	0.87	0.91	0.88	0.89	2.68	ppb
Arsenic	75-2	120.45	116.15	116.13	117.58	2.12	ppb
Barium	135-1	536.68	555.47	547.86	546.67	1.73	ppb
Barium	137-1	539.14	552.44	548.20	546.59	1.24	ppb
Beryllium	9-1	1.63	1.82	1.63	1.69	6.69	ppb
Bismuth	209-1				117		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.16	2.19	2.25	2.20	2.04	ppb
Cadmium	106-1	-0.48	-0.51	-0.47	-0.49		ppb
Cadmium	111-1	1.65	1.71	1.69	1.68	1.97	ppb
Calcium	43-1	7127.61	7411.89	7521.58	7353.69	2.77	ppb
Calcium	44-1	6793.88	7004.92	7009.13	6935.98	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.10	100.43	98.18	99.23	1.14	ppb
Cobalt	59-2	52.17	52.48	52.08	52.25	0.40	ppb
Copper	63-2	242.71	242.63	239.03	241.46	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	56-2	104639.91	105007.74	103021.21	104222.95	1.01	ppb
Iron	57-2	102397.35	104387.67	103223.39	103336.14	0.97	ppb
Iron	54-2	103282.66	105176.30	104297.93	104252.30	0.91	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-21	Instrumnet Name :	P7
Client Sample ID :	MYE5D1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:24:20	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	75.87	76.77	77.78	76.81	1.24	ppb
Lead	207-1	75.35	77.20	78.13	76.90	1.84	ppb
Lead	208-1	74.03	76.09	76.18	75.43	1.62	ppb
Lithium	6-1				84		%
Magnesium	24-2	15265.81	15049.20	14832.68	15049.23	1.44	ppb
Manganese	55-2	4039.54	4086.69	4041.00	4055.74	0.66	ppb
Molybdenum	94-1	20.86	21.19	21.16	21.07	0.87	ppb
Molybdenum	95-1	1.25	1.26	1.29	1.27	1.50	ppb
Molybdenum	96-1	3.94	3.90	3.99	3.95	1.16	ppb
Molybdenum	97-1	1.22	1.17	1.22	1.20	2.43	ppb
Molybdenum	98-1	1.21	1.20	1.19	1.20	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.84	90.18	89.00	89.67	0.68	ppb
Phosphorus	31-2	1120.66	1132.30	1146.62	1133.19	1.15	ppb
Potassium	39-2	6465.39	6556.52	6510.65	6510.85	0.70	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.52	0.22	0.49	0.41	40.62	ppb
Selenium	77-2	15.64	14.58	16.12	15.45	5.11	ppb
Selenium	78-2	3.78	3.35	4.28	3.80	12.24	ppb
Silicon	28-1	1945.34	2042.10	2072.33	2019.92	3.28	ppb
Silver	107-1	0.43	0.45	0.45	0.45	2.36	ppb
Silver	109-1	0.44	0.45	0.46	0.45	2.55	ppb
Sodium	23-2	158.16	153.31	154.11	155.19	1.67	ppb
Strontium	86-1	64.03	65.14	65.56	64.91	1.22	ppb
Strontium	88-1	64.13	64.60	65.50	64.75	1.08	ppb
Sulfur	34-1	-1469.98	-1430.77	-1392.08	-1430.95		ppb
Terbium	159-1				116		%
Terbium	159-2				106		%
Thallium	203-1	0.43	0.45	0.45	0.44	2.23	ppb
Thallium	205-1	0.43	0.46	0.45	0.45	2.75	ppb
Tin	118-1	3.30	3.51	3.44	3.42	3.23	ppb
Titanium	47-1	1018.50	1046.59	1053.73	1039.60	1.79	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-21	Instrumnet Name :	P7
Client Sample ID :	MYE5D1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:24:20	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.17	1.19	1.21	1.19	1.49	ppb
Vanadium	51-2	195.88	197.85	198.26	197.33	0.65	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	223.17	220.41	217.95	220.51	1.19	ppb
Zirconium	90-1	11.15	11.29	11.38	11.27	1.05	ppb
Zirconium	91-1	11.27	11.39	11.58	11.41	1.37	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-22	Instrumnet Name :	P7
Client Sample ID :	MYE5D2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:27:24	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31587.08	32005.40	31362.54	31651.67	1.03	ppb
Antimony	121-1	2.14	2.20	2.23	2.19	2.20	ppb
Arsenic	75-2	199.99	207.26	199.01	202.09	2.23	ppb
Barium	135-1	704.51	716.77	730.03	717.11	1.78	ppb
Barium	137-1	693.68	726.60	730.27	716.85	2.81	ppb
Beryllium	9-1	1.52	1.54	1.63	1.56	4.01	ppb
Bismuth	209-1				121		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.14	4.38	4.40	4.31	3.36	ppb
Cadmium	106-1	2.26	1.96	1.59	1.94	17.12	ppb
Cadmium	111-1	4.30	4.52	4.55	4.46	3.03	ppb
Calcium	43-1	5121.91	5314.40	5324.25	5253.52	2.17	ppb
Calcium	44-1	4861.65	4939.06	5047.98	4949.56	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.10	92.87	92.58	92.85	0.28	ppb
Cobalt	59-2	65.65	66.34	64.85	65.61	1.14	ppb
Copper	63-2	661.68	660.43	655.94	659.35	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	56-2	109107.04	109020.85	106422.20	108183.36	1.41	ppb
Iron	57-2	107050.23	108519.17	107160.74	107576.71	0.76	ppb
Iron	54-2	108990.16	108163.14	107665.19	108272.83	0.62	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-22	Instrumnet Name :	P7
Client Sample ID :	MYE5D2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:27:24	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	202.67	202.41	208.14	204.41	1.58	ppb
Lead	207-1	207.15	206.53	211.16	208.28	1.20	ppb
Lead	208-1	202.55	205.38	208.83	205.59	1.53	ppb
Lithium	6-1				84		%
Magnesium	24-2	13429.44	13561.55	13290.49	13427.16	1.01	ppb
Manganese	55-2	6609.39	6571.67	6503.11	6561.39	0.82	ppb
Molybdenum	94-1	18.39	18.92	19.30	18.87	2.42	ppb
Molybdenum	95-1	1.82	1.87	1.86	1.85	1.22	ppb
Molybdenum	96-1	4.25	4.24	4.27	4.25	0.36	ppb
Molybdenum	97-1	1.79	1.83	1.87	1.83	2.07	ppb
Molybdenum	98-1	1.76	1.80	1.83	1.80	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.20	86.53	83.61	85.11	1.72	ppb
Phosphorus	31-2	1688.48	1737.22	1668.77	1698.16	2.08	ppb
Potassium	39-2	7559.78	7570.17	7531.00	7553.65	0.27	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.92	1.10	1.33	1.12	18.53	ppb
Selenium	77-2	17.55	18.71	15.38	17.21	9.83	ppb
Selenium	78-2	4.26	4.52	4.55	4.44	3.63	ppb
Silicon	28-1	1786.18	1828.49	1842.86	1819.18	1.62	ppb
Silver	107-1	1.20	1.25	1.27	1.24	3.00	ppb
Silver	109-1	1.22	1.23	1.28	1.25	2.50	ppb
Sodium	23-2	133.32	135.87	132.35	133.85	1.36	ppb
Strontium	86-1	53.82	55.62	56.08	55.17	2.17	ppb
Strontium	88-1	53.69	55.64	56.45	55.26	2.57	ppb
Sulfur	34-1	-1599.63	-1553.80	-1553.30	-1568.91		ppb
Terbium	159-1				120		%
Terbium	159-2				106		%
Thallium	203-1	0.65	0.65	0.68	0.66	2.61	ppb
Thallium	205-1	0.64	0.65	0.68	0.66	2.80	ppb
Tin	118-1	3.44	3.62	3.64	3.57	3.06	ppb
Titanium	47-1	1182.00	1182.59	1218.51	1194.37	1.75	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-22	Instrumnet Name :	P7
Client Sample ID :	MYE5D2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:27:24	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.34	1.39	1.38	1.37	1.80	ppb
Vanadium	51-2	194.61	193.62	193.28	193.83	0.36	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	376.02	381.59	370.53	376.05	1.47	ppb
Zirconium	90-1	9.53	9.78	9.99	9.77	2.32	ppb
Zirconium	91-1	9.62	9.97	9.97	9.85	2.04	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08	Instrumnet Name :	P7
Client Sample ID :	MYE4P2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:30:22	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47980.14	48365.43	48051.42	48132.33	0.43	ppb
Antimony	121-1	1.44	1.47	1.45	1.45	1.24	ppb
Arsenic	75-2	113.23	119.57	115.21	116.00	2.79	ppb
Barium	135-1	588.69	583.33	574.28	582.10	1.25	ppb
Barium	137-1	587.13	586.65	576.65	583.47	1.01	ppb
Beryllium	9-1	1.96	1.84	1.90	1.90	3.30	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.31	2.27	2.24	2.27	1.59	ppb
Cadmium	106-1	0.03	0.49	0.41	0.31	80.65	ppb
Cadmium	111-1	1.84	1.86	1.88	1.86	0.91	ppb
Calcium	43-1	12901.13	12798.67	12881.36	12860.39	0.42	ppb
Calcium	44-1	12036.78	12033.68	12183.52	12084.66	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.63	103.56	102.56	103.59	1.00	ppb
Cobalt	59-2	61.01	61.21	59.81	60.68	1.25	ppb
Copper	63-2	218.08	221.74	215.32	218.38	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	105859.69	103984.91	102584.48	104143.03	1.58	ppb
Iron	57-2	105972.65	104663.22	104008.67	104881.51	0.95	ppb
Iron	54-2	106393.48	104482.24	104637.05	105170.92	1.01	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08	Instrumnet Name :	P7
Client Sample ID :	MYE4P2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:30:22	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.32	65.04	65.01	64.79	0.63	ppb
Lead	207-1	63.18	63.81	64.05	63.68	0.70	ppb
Lead	208-1	62.76	62.94	63.18	62.96	0.33	ppb
Lithium	6-1				79		%
Magnesium	24-2	23493.93	23752.71	23389.73	23545.45	0.79	ppb
Manganese	55-2	2688.65	2651.24	2626.95	2655.61	1.17	ppb
Molybdenum	94-1	26.71	26.76	26.57	26.68	0.37	ppb
Molybdenum	95-1	1.23	1.22	1.24	1.23	1.07	ppb
Molybdenum	96-1	4.56	4.57	4.58	4.57	0.23	ppb
Molybdenum	97-1	1.21	1.22	1.25	1.22	1.63	ppb
Molybdenum	98-1	1.21	1.22	1.20	1.21	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.11	109.46	106.23	108.26	1.64	ppb
Phosphorus	31-2	2521.19	2588.44	2555.69	2555.11	1.32	ppb
Potassium	39-2	11317.00	11216.82	11144.13	11225.99	0.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	1.06	0.70	0.65	0.80	28.43	ppb
Selenium	77-2	22.96	20.82	19.99	21.26	7.22	ppb
Selenium	78-2	4.21	5.48	5.20	4.96	13.45	ppb
Silicon	28-1	2001.66	2021.95	2030.90	2018.17	0.74	ppb
Silver	107-1	0.41	0.39	0.40	0.40	2.65	ppb
Silver	109-1	0.41	0.39	0.41	0.40	2.55	ppb
Sodium	23-2	245.43	249.26	244.43	246.37	1.03	ppb
Strontium	86-1	104.74	103.59	104.22	104.18	0.55	ppb
Strontium	88-1	105.77	105.70	104.98	105.48	0.41	ppb
Sulfur	34-1	-920.38	-949.30	-941.24	-936.97		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.52	0.50	0.51	0.51	1.97	ppb
Thallium	205-1	0.51	0.50	0.50	0.50	0.92	ppb
Tin	118-1	2.92	2.91	2.88	2.90	0.63	ppb
Titanium	47-1	1069.64	1079.89	1066.71	1072.08	0.65	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08	Instrumnet Name :	P7
Client Sample ID :	MYE4P2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:30:22	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.50	1.53	1.51	1.51	0.97	ppb
Vanadium	51-2	193.03	190.07	187.27	190.12	1.52	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	294.18	296.54	288.14	292.96	1.48	ppb
Zirconium	90-1	14.59	14.43	14.53	14.52	0.53	ppb
Zirconium	91-1	14.64	14.56	14.56	14.59	0.33	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-09	Instrumnet Name :	P7
Client Sample ID :	MYE4P2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:33:24	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47918.17	47323.64	46058.00	47099.94	2.02	ppb
Antimony	121-1	1.38	1.48	1.50	1.45	4.33	ppb
Arsenic	75-2	116.49	115.55	113.66	115.24	1.25	ppb
Barium	135-1	552.93	577.80	587.09	572.61	3.08	ppb
Barium	137-1	552.25	579.57	584.89	572.24	3.06	ppb
Beryllium	9-1	1.66	1.84	1.81	1.77	5.34	ppb
Bismuth	209-1				116		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.12	1.93	2.08	2.04	4.87	ppb
Cadmium	106-1	0.32	0.86	0.59	0.59	45.91	ppb
Cadmium	111-1	1.75	1.84	1.86	1.82	3.27	ppb
Calcium	43-1	12097.91	12680.99	12638.06	12472.32	2.61	ppb
Calcium	44-1	11414.70	11845.95	11829.07	11696.57	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.94	104.74	102.42	104.70	2.16	ppb
Cobalt	59-2	62.13	61.19	59.32	60.88	2.35	ppb
Copper	63-2	223.84	222.87	216.30	221.00	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	106666.56	104600.21	101903.85	104390.21	2.29	ppb
Iron	57-2	107031.66	105972.55	101788.93	104931.05	2.64	ppb
Iron	54-2	107373.90	105802.78	103600.38	105592.35	1.80	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-09	Instrumnet Name :	P7
Client Sample ID :	MYE4P2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:33:24	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.61	64.48	64.91	63.33	3.74	ppb
Lead	207-1	59.99	63.16	64.23	62.46	3.53	ppb
Lead	208-1	59.57	62.90	63.46	61.98	3.39	ppb
Lithium	6-1				83		%
Magnesium	24-2	23515.43	23294.41	22763.64	23191.16	1.67	ppb
Manganese	55-2	2734.82	2678.28	2627.25	2680.12	2.01	ppb
Molybdenum	94-1	24.65	26.69	26.40	25.91	4.25	ppb
Molybdenum	95-1	1.18	1.22	1.26	1.22	3.63	ppb
Molybdenum	96-1	4.30	4.52	4.52	4.44	2.87	ppb
Molybdenum	97-1	1.13	1.25	1.24	1.21	5.61	ppb
Molybdenum	98-1	1.15	1.22	1.19	1.19	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.90	109.38	106.65	108.98	1.98	ppb
Phosphorus	31-2	2557.37	2584.13	2467.48	2536.33	2.41	ppb
Potassium	39-2	11480.54	11238.95	11099.70	11273.06	1.71	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.73	0.61	0.82	0.72	14.26	ppb
Selenium	77-2	22.93	21.76	20.95	21.88	4.55	ppb
Selenium	78-2	5.35	4.13	4.12	4.53	15.66	ppb
Silicon	28-1	1898.35	2025.88	1968.96	1964.40	3.25	ppb
Silver	107-1	0.36	0.40	0.40	0.39	5.47	ppb
Silver	109-1	0.39	0.41	0.40	0.40	3.22	ppb
Sodium	23-2	241.39	238.38	233.07	237.61	1.77	ppb
Strontium	86-1	97.48	104.57	103.67	101.91	3.79	ppb
Strontium	88-1	98.53	103.70	105.52	102.58	3.53	ppb
Sulfur	34-1	-1020.64	-943.38	-1005.65	-989.89		ppb
Terbium	159-1				116		%
Terbium	159-2				105		%
Thallium	203-1	0.48	0.50	0.49	0.49	2.13	ppb
Thallium	205-1	0.46	0.51	0.51	0.49	5.00	ppb
Tin	118-1	2.60	2.74	2.81	2.72	3.97	ppb
Titanium	47-1	1009.09	1072.32	1046.84	1042.75	3.05	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-09	Instrumnet Name :	P7
Client Sample ID :	MYE4P2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:33:24	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.41	1.49	1.53	1.47	4.18	ppb
Vanadium	51-2	194.30	193.48	188.33	192.04	1.69	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	296.25	293.08	282.82	290.72	2.42	ppb
Zirconium	90-1	13.38	14.28	14.33	14.00	3.83	ppb
Zirconium	91-1	13.44	14.29	14.39	14.04	3.72	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4P2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 04:36:24	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10241.72	10241.00	10157.54	10213.42	0.47	ppb
Antimony	121-1	0.33	0.33	0.33	0.33	0.90	ppb
Arsenic	75-2	25.70	24.46	25.83	25.33	2.98	ppb
Barium	135-1	121.15	119.44	121.30	120.63	0.85	ppb
Barium	137-1	121.10	121.17	121.75	121.34	0.29	ppb
Beryllium	9-1	0.37	0.38	0.35	0.37	4.15	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.52	0.36	0.41	0.43	18.94	ppb
Cadmium	106-1	-2.04	-2.33	-2.31	-2.23		ppb
Cadmium	111-1	0.35	0.36	0.35	0.35	2.14	ppb
Calcium	43-1	2757.48	2742.17	2729.10	2742.92	0.52	ppb
Calcium	44-1	2595.13	2582.16	2564.47	2580.59	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.49	22.13	22.14	22.25	0.93	ppb
Cobalt	59-2	13.34	13.14	13.21	13.23	0.75	ppb
Copper	63-2	50.12	49.98	49.78	49.96	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	22640.99	22555.57	22655.30	22617.29	0.24	ppb
Iron	57-2	22565.38	22317.79	22424.10	22435.76	0.55	ppb
Iron	54-2	22842.66	22699.22	22545.87	22695.92	0.65	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4P2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 04:36:24	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.38	13.25	13.36	13.33	0.54	ppb
Lead	207-1	13.24	13.08	13.21	13.18	0.61	ppb
Lead	208-1	13.18	13.05	13.13	13.12	0.50	ppb
Lithium	6-1				85		%
Magnesium	24-2	4971.15	4995.21	4973.00	4979.79	0.27	ppb
Manganese	55-2	584.72	578.30	578.17	580.40	0.65	ppb
Molybdenum	94-1	5.62	5.60	5.55	5.59	0.68	ppb
Molybdenum	95-1	0.26	0.26	0.27	0.26	3.03	ppb
Molybdenum	96-1	0.95	0.94	0.97	0.95	1.81	ppb
Molybdenum	97-1	0.28	0.28	0.26	0.27	3.83	ppb
Molybdenum	98-1	0.26	0.26	0.27	0.26	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.09	23.78	23.82	23.90	0.69	ppb
Phosphorus	31-2	541.78	535.52	538.81	538.70	0.58	ppb
Potassium	39-2	2429.43	2403.04	2430.82	2421.10	0.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	-0.13	-0.11	-0.19	-0.14		ppb
Selenium	77-2	3.96	5.62	4.03	4.54	20.65	ppb
Selenium	78-2	0.71	1.32	0.71	0.91	38.32	ppb
Silicon	28-1	417.53	416.03	416.46	416.67	0.19	ppb
Silver	107-1	0.08	0.08	0.09	0.08	4.48	ppb
Silver	109-1	0.08	0.08	0.09	0.08	2.30	ppb
Sodium	23-2	66.34	66.65	66.11	66.37	0.41	ppb
Strontium	86-1	22.73	22.59	22.62	22.65	0.31	ppb
Strontium	88-1	22.78	22.75	22.48	22.67	0.71	ppb
Sulfur	34-1	-1338.96	-1357.38	-1368.76	-1355.03		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.10	0.10	0.10	5.29	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	3.80	ppb
Tin	118-1	0.57	0.57	0.58	0.57	1.53	ppb
Titanium	47-1	227.12	227.34	225.40	226.62	0.47	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4P2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 04:36:24	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.30	0.31	0.31	1.30	ppb
Vanadium	51-2	40.36	40.50	40.03	40.29	0.60	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	65.66	65.27	64.35	65.10	1.03	ppb
Zirconium	90-1	3.02	3.01	3.01	3.01	0.22	ppb
Zirconium	91-1	3.10	3.05	3.04	3.06	0.97	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-10	Instrumnet Name :	P7
Client Sample ID :	MYE4P2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:39:34	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48947.48	48398.79	48081.88	48476.05	0.90	ppb
Antimony	121-1	69.08	68.79	67.29	68.39	1.41	ppb
Arsenic	75-2	143.81	143.96	143.82	143.87	0.06	ppb
Barium	135-1	1880.23	1878.97	1886.72	1881.97	0.22	ppb
Barium	137-1	1895.25	1872.79	1874.58	1880.87	0.66	ppb
Beryllium	9-1	35.67	34.18	36.05	35.30	2.81	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.03	31.18	31.95	31.39	1.57	ppb
Cadmium	106-1	30.04	29.83	29.77	29.88	0.46	ppb
Cadmium	111-1	34.86	34.43	34.18	34.49	0.99	ppb
Calcium	43-1	12683.27	12455.48	12611.61	12583.45	0.93	ppb
Calcium	44-1	11932.13	11849.92	12104.45	11962.17	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	243.21	242.96	241.71	242.63	0.33	ppb
Cobalt	59-2	410.71	407.59	403.49	407.27	0.89	ppb
Copper	63-2	384.76	383.29	382.72	383.59	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	104464.41	104025.23	103850.91	104113.52	0.30	ppb
Iron	57-2	105160.38	105078.87	103654.02	104631.09	0.81	ppb
Iron	54-2	106137.68	105503.69	104929.29	105523.55	0.57	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-10	Instrumnet Name :	P7
Client Sample ID :	MYE4P2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:39:34	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	78.80	78.80	79.38	78.99	0.42	ppb
Lead	207-1	77.54	77.39	77.53	77.48	0.11	ppb
Lead	208-1	77.43	76.78	77.07	77.10	0.42	ppb
Lithium	6-1				83		%
Magnesium	24-2	23502.53	23376.46	23289.54	23389.51	0.46	ppb
Manganese	55-2	2991.65	2977.66	2944.83	2971.38	0.81	ppb
Molybdenum	94-1	25.60	25.46	26.01	25.69	1.11	ppb
Molybdenum	95-1	1.27	1.26	1.30	1.28	1.79	ppb
Molybdenum	96-1	4.46	4.46	4.49	4.47	0.37	ppb
Molybdenum	97-1	1.28	1.23	1.26	1.26	2.03	ppb
Molybdenum	98-1	1.25	1.25	1.25	1.25	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.22	461.78	454.50	460.50	1.19	ppb
Phosphorus	31-2	2566.69	2514.58	2480.70	2520.66	1.72	ppb
Potassium	39-2	11150.45	10947.82	11017.32	11038.53	0.93	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	46.63	45.17	46.42	46.07	1.71	ppb
Selenium	77-2	65.96	62.51	64.15	64.20	2.69	ppb
Selenium	78-2	48.51	48.45	47.37	48.11	1.33	ppb
Silicon	28-1	1904.20	1838.92	1870.22	1871.11	1.74	ppb
Silver	107-1	28.01	27.67	27.68	27.78	0.69	ppb
Silver	109-1	27.87	27.59	27.71	27.72	0.49	ppb
Sodium	23-2	233.67	233.74	231.41	232.94	0.57	ppb
Strontium	86-1	104.46	103.64	105.04	104.38	0.68	ppb
Strontium	88-1	104.42	102.51	104.18	103.70	1.00	ppb
Sulfur	34-1	-880.78	-937.82	-933.61	-917.40		ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	35.52	35.80	35.82	35.71	0.47	ppb
Thallium	205-1	34.70	34.45	34.48	34.54	0.39	ppb
Tin	118-1	2.82	2.76	2.78	2.79	1.08	ppb
Titanium	47-1	1048.93	1018.05	1035.23	1034.07	1.50	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-10	Instrumnet Name :	P7
Client Sample ID :	MYE4P2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:39:34	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.49	1.49	1.52	1.50	1.12	ppb
Vanadium	51-2	525.05	520.07	520.73	521.95	0.52	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	632.69	626.43	627.97	629.03	0.52	ppb
Zirconium	90-1	13.90	13.76	14.04	13.90	1.01	ppb
Zirconium	91-1	13.94	13.95	14.09	13.99	0.60	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08MS	Instrumnet Name :	P7
Client Sample ID :	MYE4P2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:42:29	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53304.77	51537.89	53799.37	52880.68	2.25	ppb
Antimony	121-1	275.81	280.70	276.95	277.82	0.92	ppb
Arsenic	75-2	221.24	221.18	224.55	222.33	0.87	ppb
Barium	135-1	6115.74	6080.26	6065.08	6087.03	0.43	ppb
Barium	137-1	6109.73	6085.93	6085.20	6093.62	0.23	ppb
Beryllium	9-1	142.13	139.70	138.14	139.99	1.44	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	124.79	122.71	123.93	123.81	0.85	ppb
Cadmium	106-1	121.63	120.29	118.86	120.26	1.15	ppb
Cadmium	111-1	137.37	136.62	136.51	136.83	0.34	ppb
Calcium	43-1	12581.82	12601.14	12378.01	12520.32	0.99	ppb
Calcium	44-1	12128.35	12320.60	12222.43	12223.79	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	689.95	670.97	691.21	684.05	1.66	ppb
Cobalt	59-2	1541.78	1510.17	1559.22	1537.06	1.62	ppb
Copper	63-2	931.02	908.34	937.81	925.72	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	106513.79	104658.83	107672.75	106281.79	1.43	ppb
Iron	57-2	108111.45	104975.47	107867.35	106984.75	1.63	ppb
Iron	54-2	108616.61	106359.65	109748.71	108241.66	1.59	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08MS	Instrumnet Name :	P7
Client Sample ID :	MYE4P2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:42:29	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	120.58	120.92	120.25	120.58	0.28	ppb
Lead	207-1	120.96	119.03	119.46	119.82	0.85	ppb
Lead	208-1	120.09	119.60	119.45	119.71	0.28	ppb
Lithium	6-1				81		%
Magnesium	24-2	23587.38	22756.11	23790.54	23378.01	2.34	ppb
Manganese	55-2	4025.82	3944.71	4070.06	4013.53	1.58	ppb
Molybdenum	94-1	25.11	25.48	25.25	25.28	0.72	ppb
Molybdenum	95-1	1.30	1.27	1.22	1.26	3.45	ppb
Molybdenum	96-1	4.37	4.37	4.43	4.39	0.81	ppb
Molybdenum	97-1	1.28	1.22	1.27	1.26	2.50	ppb
Molybdenum	98-1	1.29	1.25	1.28	1.27	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1607.44	1559.69	1624.23	1597.12	2.10	ppb
Phosphorus	31-2	2569.98	2473.63	2548.14	2530.58	2.00	ppb
Potassium	39-2	11054.99	10822.42	11176.22	11017.88	1.63	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	302.76	301.86	299.02	301.22	0.65	ppb
Selenium	77-2	312.08	305.02	314.21	310.44	1.55	ppb
Selenium	78-2	297.17	292.28	302.05	297.17	1.64	ppb
Silicon	28-1	1870.13	1834.05	1832.56	1845.58	1.15	ppb
Silver	107-1	114.62	113.73	112.63	113.66	0.88	ppb
Silver	109-1	115.36	114.04	113.50	114.30	0.84	ppb
Sodium	23-2	250.80	246.54	254.55	250.63	1.60	ppb
Strontium	86-1	102.12	102.75	101.40	102.09	0.66	ppb
Strontium	88-1	102.77	104.16	103.60	103.51	0.67	ppb
Sulfur	34-1	-889.88	-962.69	-999.57	-950.71		ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	141.71	142.37	140.63	141.57	0.62	ppb
Thallium	205-1	142.01	142.75	140.60	141.79	0.77	ppb
Tin	118-1	3.04	3.05	3.03	3.04	0.34	ppb
Titanium	47-1	1048.10	1040.31	1046.40	1044.94	0.39	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08MS	Instrumnet Name :	P7
Client Sample ID :	MYE4P2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:42:29	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.48	1.48	1.49	1.48	0.39	ppb
Vanadium	51-2	1620.27	1598.13	1623.46	1613.96	0.85	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	1735.12	1702.23	1771.75	1736.37	2.00	ppb
Zirconium	90-1	13.66	13.67	13.70	13.68	0.17	ppb
Zirconium	91-1	13.81	13.69	13.84	13.78	0.59	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:45:20	DataFile Name :	109CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50023.79	49759.20	50770.52	50184.50	1.05	ppb
Antimony	121-1	490.85	484.78	487.17	487.60	0.63	ppb
Arsenic	75-2	517.12	511.62	522.53	517.09	1.05	ppb
Barium	135-1	2461.63	2424.87	2447.58	2444.70	0.76	ppb
Barium	137-1	2459.55	2408.17	2436.20	2434.64	1.06	ppb
Beryllium	9-1	502.32	465.03	494.20	487.18	4.03	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	490.09	484.48	489.43	488.00	0.63	ppb
Cadmium	106-1	490.29	488.87	487.45	488.87	0.29	ppb
Cadmium	111-1	498.58	488.80	492.77	493.38	1.00	ppb
Calcium	43-1	225631.08	220529.80	220507.45	222222.78	1.33	ppb
Calcium	44-1	239945.85	232258.34	234841.85	235682.01	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.14	507.60	509.00	509.58	0.46	ppb
Cobalt	59-2	543.94	536.59	541.57	540.70	0.69	ppb
Copper	63-2	5306.69	5261.14	5301.53	5289.79	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	126933.60	127181.76	129199.30	127771.55	0.97	ppb
Iron	57-2	130462.75	128561.54	130786.94	129937.08	0.93	ppb
Iron	54-2	129258.54	127714.60	129953.52	128975.55	0.89	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:45:20	DataFile Name :	109CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2569.00	2518.19	2481.32	2522.84	1.74	ppb
Lead	207-1	2550.77	2493.95	2492.13	2512.28	1.33	ppb
Lead	208-1	2565.37	2508.25	2505.04	2526.22	1.34	ppb
Lithium	6-1				83		%
Magnesium	24-2	272807.40	268122.89	272119.57	271016.62	0.93	ppb
Manganese	55-2	5021.92	4992.15	5065.84	5026.64	0.74	ppb
Molybdenum	94-1	5147.84	5069.80	5067.27	5094.97	0.90	ppb
Molybdenum	95-1	5116.82	5017.30	5036.93	5057.01	1.04	ppb
Molybdenum	96-1	5127.10	5005.71	5070.66	5067.82	1.20	ppb
Molybdenum	97-1	5082.67	5011.67	5054.97	5049.77	0.71	ppb
Molybdenum	98-1	5151.96	5049.08	5071.39	5090.81	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.45	531.09	542.65	535.40	1.18	ppb
Phosphorus	31-2	9748.44	9779.21	9895.96	9807.87	0.79	ppb
Potassium	39-2	122894.44	122419.23	124482.99	123265.55	0.88	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	82-1	514.33	506.38	505.25	508.66	0.97	ppb
Selenium	77-2	486.33	494.64	491.97	490.98	0.86	ppb
Selenium	78-2	493.90	489.92	500.01	494.61	1.03	ppb
Silicon	28-1	169.23	164.24	166.62	166.70	1.50	ppb
Silver	107-1	494.27	488.76	490.10	491.04	0.59	ppb
Silver	109-1	491.15	482.99	486.12	486.75	0.85	ppb
Sodium	23-2	254351.08	250297.53	252684.59	252444.40	0.81	ppb
Strontium	86-1	553.47	536.85	531.89	540.74	2.09	ppb
Strontium	88-1	550.90	537.58	536.99	541.82	1.45	ppb
Sulfur	34-1	8982.88	8636.36	8650.16	8756.47	2.24	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	511.41	500.67	493.90	502.00	1.76	ppb
Thallium	205-1	516.78	500.53	498.14	505.15	2.01	ppb
Tin	118-1	485.31	483.60	482.79	483.90	0.27	ppb
Titanium	47-1	5110.27	4966.89	5025.94	5034.37	1.43	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:45:20	DataFile Name :	109CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	526.05	505.91	509.00	513.65	2.11	ppb
Vanadium	51-2	515.11	517.16	519.25	517.17	0.40	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	5183.25	5176.36	5205.77	5188.46	0.30	ppb
Zirconium	90-1	513.70	508.91	513.93	512.18	0.55	ppb
Zirconium	91-1	514.92	508.41	503.19	508.84	1.16	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:48:00	DataFile Name :	110CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.01	0.71	0.49	0.74	35.36	ppb
Antimony	121-1	0.19	0.24	0.31	0.25	23.95	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	15.56	ppb
Barium	135-1	0.20	0.11	0.08	0.13	51.09	ppb
Barium	137-1	0.18	0.10	0.06	0.12	53.12	ppb
Beryllium	9-1	0.06	0.03	0.04	0.04	28.84	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.02	0.04	0.03	21.88	ppb
Cadmium	106-1	-0.84	-1.54	-1.85	-1.41		ppb
Cadmium	111-1	0.04	0.02	0.00	0.02	95.30	ppb
Calcium	43-1	13.85	7.46	2.71	8.01	69.78	ppb
Calcium	44-1	6.81	-0.34	-3.75	0.91	594.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.03	0.02	40.96	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	36.25	ppb
Copper	63-2	0.19	0.16	0.17	0.17	9.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	2.46	2.19	1.92	2.19	12.29	ppb
Iron	57-2	1.89	1.61	1.16	1.55	23.79	ppb
Iron	54-2	2.49	2.60	1.83	2.31	17.96	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:48:00	DataFile Name :	110CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.11	0.08	0.12	43.80	ppb
Lead	207-1	0.19	0.11	0.08	0.13	43.98	ppb
Lead	208-1	0.18	0.11	0.08	0.12	40.48	ppb
Lithium	6-1				90		%
Magnesium	24-2	3.96	3.10	3.60	3.56	12.17	ppb
Manganese	55-2	-0.01	-0.03	-0.04	-0.03		ppb
Molybdenum	94-1	0.53	0.40	0.37	0.43	19.28	ppb
Molybdenum	95-1	0.40	0.27	0.23	0.30	29.38	ppb
Molybdenum	96-1	0.41	0.28	0.25	0.31	26.76	ppb
Molybdenum	97-1	0.40	0.27	0.23	0.30	30.43	ppb
Molybdenum	98-1	0.39	0.26	0.21	0.29	32.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-17.20	-19.00	-17.29	-17.83		ppb
Potassium	39-2	14.45	14.90	15.84	15.06	4.74	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	-0.21	-0.31	-0.09	-0.20		ppb
Selenium	77-2	0.03	0.03	-0.05	0.00	4436.54	ppb
Selenium	78-2	0.17	-0.08	-0.31	-0.07		ppb
Silicon	28-1	-6.72	-6.22	-5.72	-6.22		ppb
Silver	107-1	0.05	0.29	0.02	0.12	121.36	ppb
Silver	109-1	0.05	0.03	0.02	0.04	44.44	ppb
Sodium	23-2	19.83	19.42	19.97	19.74	1.45	ppb
Strontium	86-1	0.03	0.02	0.01	0.02	62.23	ppb
Strontium	88-1	0.04	0.02	0.01	0.02	60.95	ppb
Sulfur	34-1	-642.74	-633.58	-575.64	-617.32		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.08	0.07	0.08	18.42	ppb
Thallium	205-1	0.10	0.08	0.07	0.08	17.89	ppb
Tin	118-1	0.05	0.02	0.01	0.03	89.10	ppb
Titanium	47-1	0.37	0.17	0.11	0.22	65.37	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:48:00	DataFile Name :	110CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.01	0.02	57.03	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	10.59	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.28	0.27	0.23	0.26	10.10	ppb
Zirconium	90-1	0.10	0.09	0.11	0.10	8.38	ppb
Zirconium	91-1	0.10	0.10	0.12	0.11	13.00	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-11	Instrumnet Name :	P7
Client Sample ID :	MYE4P3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:51:16	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36584.51	37632.54	35742.56	36653.20	2.58	ppb
Antimony	121-1	1.81	1.86	1.83	1.83	1.43	ppb
Arsenic	75-2	140.96	141.51	136.29	139.59	2.06	ppb
Barium	135-1	513.18	521.69	509.02	514.63	1.25	ppb
Barium	137-1	507.41	515.81	509.96	511.06	0.84	ppb
Beryllium	9-1	1.36	1.46	1.36	1.39	4.28	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.87	1.75	1.80	1.81	3.09	ppb
Cadmium	106-1	1.85	0.65	0.54	1.01	71.46	ppb
Cadmium	111-1	1.39	1.38	1.43	1.40	1.90	ppb
Calcium	43-1	8140.41	8247.12	8247.50	8211.68	0.75	ppb
Calcium	44-1	7604.46	7809.53	7701.80	7705.26	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.46	74.99	73.06	73.84	1.38	ppb
Cobalt	59-2	56.81	57.84	56.37	57.01	1.32	ppb
Copper	63-2	158.15	160.52	154.76	157.81	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	95495.00	98206.67	94886.76	96196.15	1.84	ppb
Iron	57-2	96285.37	97658.08	94917.68	96287.04	1.42	ppb
Iron	54-2	95740.43	98824.25	95823.74	96796.14	1.82	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-11	Instrumnet Name :	P7
Client Sample ID :	MYE4P3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:51:16	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.06	40.89	41.31	41.09	0.51	ppb
Lead	207-1	40.03	39.53	40.04	39.87	0.73	ppb
Lead	208-1	40.25	39.73	40.36	40.11	0.84	ppb
Lithium	6-1				86		%
Magnesium	24-2	17638.09	18083.33	17494.00	17738.47	1.73	ppb
Manganese	55-2	3022.82	3064.93	2971.62	3019.79	1.55	ppb
Molybdenum	94-1	18.36	18.97	18.98	18.77	1.89	ppb
Molybdenum	95-1	1.09	1.09	1.15	1.11	3.15	ppb
Molybdenum	96-1	3.50	3.54	3.58	3.54	1.16	ppb
Molybdenum	97-1	1.08	1.06	1.08	1.07	0.87	ppb
Molybdenum	98-1	1.05	1.07	1.10	1.07	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.92	78.88	76.48	77.76	1.55	ppb
Phosphorus	31-2	1539.10	1568.69	1535.61	1547.80	1.17	ppb
Potassium	39-2	4978.86	5060.09	4941.22	4993.39	1.22	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.33	0.27	0.26	0.29	13.69	ppb
Selenium	77-2	15.06	16.21	15.18	15.48	4.06	ppb
Selenium	78-2	3.60	3.70	2.98	3.43	11.29	ppb
Silicon	28-1	1869.31	1895.61	1934.31	1899.74	1.72	ppb
Silver	107-1	0.41	0.41	0.40	0.41	1.61	ppb
Silver	109-1	0.41	0.40	0.38	0.40	3.52	ppb
Sodium	23-2	288.19	290.78	284.78	287.92	1.05	ppb
Strontium	86-1	63.10	64.63	65.47	64.40	1.87	ppb
Strontium	88-1	63.53	64.79	64.63	64.32	1.07	ppb
Sulfur	34-1	-980.49	-1180.78	-1307.08	-1156.12		ppb
Terbium	159-1				116		%
Terbium	159-2				107		%
Thallium	203-1	0.46	0.44	0.42	0.44	4.72	ppb
Thallium	205-1	0.47	0.42	0.42	0.44	5.87	ppb
Tin	118-1	1.99	2.07	2.03	2.03	2.01	ppb
Titanium	47-1	1015.68	1040.45	1048.99	1035.04	1.67	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-11	Instrumnet Name :	P7
Client Sample ID :	MYE4P3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:51:16	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	1.00	1.01	1.00	0.61	ppb
Vanadium	51-2	177.60	185.92	179.21	180.91	2.44	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	249.19	254.36	246.19	249.91	1.65	ppb
Zirconium	90-1	9.87	10.11	10.12	10.03	1.39	ppb
Zirconium	91-1	9.85	10.11	10.34	10.10	2.43	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-12	Instrumnet Name :	P7
Client Sample ID :	MYE4P4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:54:16	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40982.81	41156.83	40789.48	40976.37	0.45	ppb
Antimony	121-1	1.75	1.78	1.79	1.77	1.02	ppb
Arsenic	75-2	138.01	138.42	138.30	138.24	0.15	ppb
Barium	135-1	473.35	474.12	478.72	475.40	0.61	ppb
Barium	137-1	468.46	470.74	477.52	472.24	1.00	ppb
Beryllium	9-1	1.64	1.55	1.54	1.58	3.70	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.89	2.02	1.91	1.94	3.55	ppb
Cadmium	106-1	0.85	0.48	0.50	0.61	33.56	ppb
Cadmium	111-1	1.56	1.62	1.65	1.61	2.88	ppb
Calcium	43-1	10558.60	10634.56	10767.48	10653.54	0.99	ppb
Calcium	44-1	9941.16	10048.69	10149.38	10046.41	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.08	89.27	88.40	89.25	0.94	ppb
Cobalt	59-2	65.98	65.24	65.70	65.64	0.57	ppb
Copper	63-2	167.75	165.92	163.13	165.60	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	56-2	111089.67	108208.90	109436.67	109578.41	1.32	ppb
Iron	57-2	110365.97	107507.08	109596.17	109156.41	1.36	ppb
Iron	54-2	111853.71	109418.01	110080.53	110450.75	1.14	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-12	Instrumnet Name :	P7
Client Sample ID :	MYE4P4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:54:16	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.59	48.67	47.87	48.04	1.17	ppb
Lead	207-1	46.47	47.20	46.46	46.71	0.91	ppb
Lead	208-1	46.45	46.66	46.40	46.50	0.30	ppb
Lithium	6-1				81		%
Magnesium	24-2	20162.41	19869.29	20076.21	20035.97	0.75	ppb
Manganese	55-2	3194.89	3082.29	3145.99	3141.05	1.80	ppb
Molybdenum	94-1	20.66	21.42	21.39	21.16	2.03	ppb
Molybdenum	95-1	1.11	1.12	1.16	1.13	2.22	ppb
Molybdenum	96-1	3.80	3.93	4.01	3.91	2.61	ppb
Molybdenum	97-1	1.10	1.13	1.14	1.12	1.97	ppb
Molybdenum	98-1	1.06	1.10	1.07	1.07	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.47	95.63	95.04	95.71	0.75	ppb
Phosphorus	31-2	1875.49	1870.75	1849.10	1865.11	0.75	ppb
Potassium	39-2	6175.58	6104.62	6144.52	6141.57	0.58	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	0.39	0.76	0.68	0.61	31.59	ppb
Selenium	77-2	20.03	19.97	20.85	20.28	2.43	ppb
Selenium	78-2	4.78	3.75	3.98	4.17	12.97	ppb
Silicon	28-1	1954.53	1954.70	1956.84	1955.35	0.07	ppb
Silver	107-1	0.31	0.31	0.31	0.31	0.78	ppb
Silver	109-1	0.32	0.30	0.32	0.31	3.10	ppb
Sodium	23-2	283.33	278.96	281.51	281.27	0.78	ppb
Strontium	86-1	74.28	75.72	76.23	75.41	1.34	ppb
Strontium	88-1	74.80	75.63	76.53	75.65	1.14	ppb
Sulfur	34-1	-1515.36	-1520.92	-1531.70	-1522.66		ppb
Terbium	159-1				118		%
Terbium	159-2				106		%
Thallium	203-1	0.46	0.44	0.46	0.45	2.48	ppb
Thallium	205-1	0.45	0.46	0.45	0.45	1.36	ppb
Tin	118-1	2.32	2.39	2.39	2.36	1.64	ppb
Titanium	47-1	1111.40	1125.87	1155.29	1130.85	1.98	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-12	Instrumnet Name :	P7
Client Sample ID :	MYE4P4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:54:16	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.17	1.21	1.19	1.19	1.43	ppb
Vanadium	51-2	207.87	200.20	202.06	203.38	1.97	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	270.25	264.20	265.55	266.67	1.19	ppb
Zirconium	90-1	11.17	11.47	11.58	11.41	1.85	ppb
Zirconium	91-1	11.35	11.53	11.66	11.52	1.35	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-13	Instrumnet Name :	P7
Client Sample ID :	MYE4P5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:57:17	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31624.68	32113.14	32100.05	31945.96	0.87	ppb
Antimony	121-1	1.97	1.99	1.98	1.98	0.54	ppb
Arsenic	75-2	108.20	105.79	107.08	107.02	1.13	ppb
Barium	135-1	416.74	419.58	416.49	417.60	0.41	ppb
Barium	137-1	418.66	423.83	415.58	419.35	0.99	ppb
Beryllium	9-1	1.26	1.35	1.27	1.30	3.77	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.15	2.27	2.57	2.33	9.14	ppb
Cadmium	106-1	0.65	0.31	0.54	0.50	34.51	ppb
Cadmium	111-1	1.95	1.91	1.87	1.91	2.11	ppb
Calcium	43-1	8259.72	8248.58	8293.71	8267.34	0.28	ppb
Calcium	44-1	7801.06	7769.81	7710.88	7760.58	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77.87	79.85	79.06	78.93	1.26	ppb
Cobalt	59-2	53.06	53.21	53.53	53.26	0.46	ppb
Copper	63-2	250.42	253.75	252.29	252.15	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	80789.23	82670.04	82576.52	82011.93	1.29	ppb
Iron	57-2	81533.90	82576.00	82790.08	82299.99	0.82	ppb
Iron	54-2	82685.77	83236.25	84213.20	83378.40	0.93	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-13	Instrumnet Name :	P7
Client Sample ID :	MYE4P5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:57:17	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	72.73	71.79	71.00	71.84	1.21	ppb
Lead	207-1	73.12	71.61	71.08	71.94	1.48	ppb
Lead	208-1	71.44	71.35	69.78	70.86	1.32	ppb
Lithium	6-1				79		%
Magnesium	24-2	17326.21	17510.00	17399.28	17411.83	0.53	ppb
Manganese	55-2	2068.10	2112.23	2095.26	2091.87	1.06	ppb
Molybdenum	94-1	19.93	19.73	20.12	19.93	0.97	ppb
Molybdenum	95-1	1.23	1.20	1.20	1.21	1.14	ppb
Molybdenum	96-1	3.65	3.72	3.76	3.71	1.53	ppb
Molybdenum	97-1	1.18	1.15	1.19	1.18	1.63	ppb
Molybdenum	98-1	1.18	1.18	1.17	1.18	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	84.57	84.52	85.37	84.82	0.57	ppb
Phosphorus	31-2	1728.13	1746.84	1730.42	1735.13	0.59	ppb
Potassium	39-2	7071.19	7367.49	7280.12	7239.60	2.10	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	0.70	0.65	0.64	0.66	4.86	ppb
Selenium	77-2	14.92	14.96	16.94	15.61	7.41	ppb
Selenium	78-2	3.37	3.75	3.96	3.69	8.08	ppb
Silicon	28-1	1884.00	1899.32	1896.87	1893.40	0.43	ppb
Silver	107-1	0.46	0.45	0.45	0.45	1.42	ppb
Silver	109-1	0.45	0.47	0.45	0.46	2.01	ppb
Sodium	23-2	205.90	207.84	207.72	207.15	0.52	ppb
Strontium	86-1	63.16	62.50	63.31	62.99	0.68	ppb
Strontium	88-1	63.68	62.26	63.25	63.07	1.16	ppb
Sulfur	34-1	-1421.96	-1465.02	-1478.22	-1455.07		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.41	0.41	0.40	0.41	1.56	ppb
Thallium	205-1	0.40	0.40	0.40	0.40	0.42	ppb
Tin	118-1	2.42	2.36	2.33	2.37	1.88	ppb
Titanium	47-1	966.79	961.53	962.84	963.72	0.28	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-13	Instrumnet Name :	P7
Client Sample ID :	MYE4P5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:57:17	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.17	1.15	1.15	1.15	0.88	ppb
Vanadium	51-2	152.31	154.93	156.70	154.65	1.43	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	249.68	250.61	253.08	251.13	0.70	ppb
Zirconium	90-1	10.59	10.67	10.61	10.62	0.38	ppb
Zirconium	91-1	10.72	10.78	10.77	10.76	0.29	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Q2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:00:17	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42019.78	42772.33	41551.31	42114.47	1.46	ppb
Antimony	121-1	0.87	0.87	0.88	0.87	0.75	ppb
Arsenic	75-2	70.53	71.46	69.71	70.57	1.24	ppb
Barium	135-1	417.04	418.87	418.65	418.19	0.24	ppb
Barium	137-1	410.69	415.42	420.11	415.41	1.13	ppb
Beryllium	9-1	1.38	1.57	1.54	1.49	6.60	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.71	1.64	1.55	1.63	5.00	ppb
Cadmium	106-1	0.63	0.01	-0.45	0.06	875.40	ppb
Cadmium	111-1	1.28	1.31	1.29	1.29	1.27	ppb
Calcium	43-1	12385.11	12590.83	12484.56	12486.83	0.82	ppb
Calcium	44-1	11461.02	11759.92	11724.48	11648.47	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.22	93.44	93.26	93.64	0.55	ppb
Cobalt	59-2	54.15	54.08	53.99	54.07	0.15	ppb
Copper	63-2	164.96	168.15	165.51	166.21	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	89829.81	88632.92	88323.95	88928.89	0.89	ppb
Iron	57-2	89643.42	89809.72	88836.11	89429.75	0.58	ppb
Iron	54-2	90544.24	89428.24	89058.83	89677.10	0.86	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Q2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:00:17	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.29	44.60	44.24	44.04	1.54	ppb
Lead	207-1	41.32	43.07	42.94	42.45	2.30	ppb
Lead	208-1	41.78	43.55	43.16	42.83	2.16	ppb
Lithium	6-1				80		%
Magnesium	24-2	19880.96	19842.34	19750.28	19824.52	0.34	ppb
Manganese	55-2	2070.88	2045.56	2038.70	2051.71	0.83	ppb
Molybdenum	94-1	19.95	20.71	20.33	20.33	1.87	ppb
Molybdenum	95-1	0.96	0.99	0.98	0.98	1.55	ppb
Molybdenum	96-1	3.53	3.63	3.64	3.60	1.68	ppb
Molybdenum	97-1	0.97	1.00	0.99	0.99	1.46	ppb
Molybdenum	98-1	0.94	0.97	0.98	0.96	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.20	85.19	85.09	85.16	0.07	ppb
Phosphorus	31-2	1935.72	1937.38	1953.39	1942.16	0.50	ppb
Potassium	39-2	7357.79	7232.25	7259.28	7283.11	0.91	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	0.02	0.08	0.01	0.03	122.87	ppb
Selenium	77-2	18.97	16.99	17.48	17.82	5.79	ppb
Selenium	78-2	3.89	3.71	3.19	3.60	10.17	ppb
Silicon	28-1	1895.38	1942.46	1928.71	1922.18	1.26	ppb
Silver	107-1	0.27	0.27	0.27	0.27	1.04	ppb
Silver	109-1	0.27	0.28	0.27	0.27	1.68	ppb
Sodium	23-2	282.52	283.75	282.96	283.08	0.22	ppb
Strontium	86-1	76.73	79.53	79.45	78.57	2.03	ppb
Strontium	88-1	78.26	80.51	79.65	79.48	1.43	ppb
Sulfur	34-1	-1470.97	-1460.83	-1477.77	-1469.86		ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	0.39	0.42	0.42	0.41	4.01	ppb
Thallium	205-1	0.40	0.41	0.42	0.41	2.18	ppb
Tin	118-1	2.49	2.55	2.58	2.54	1.92	ppb
Titanium	47-1	998.64	1036.16	1039.02	1024.61	2.20	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Q2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:00:17	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.33	1.33	1.32	1.76	ppb
Vanadium	51-2	173.32	175.15	168.62	172.36	1.95	ppb
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	219.07	224.17	221.81	221.68	1.15	ppb
Zirconium	90-1	10.79	11.16	11.10	11.02	1.82	ppb
Zirconium	91-1	10.73	11.19	11.16	11.03	2.37	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Q3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:03:20	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41726.45	42101.29	41847.22	41891.65	0.46	ppb
Antimony	121-1	3.74	3.71	3.76	3.74	0.66	ppb
Arsenic	75-2	227.84	229.45	231.67	229.65	0.84	ppb
Barium	135-1	507.59	502.83	509.52	506.65	0.68	ppb
Barium	137-1	501.57	501.98	506.39	503.31	0.53	ppb
Beryllium	9-1	1.87	1.93	2.03	1.94	4.17	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.13	4.21	4.09	4.14	1.52	ppb
Cadmium	106-1	3.47	3.04	2.57	3.03	14.93	ppb
Cadmium	111-1	3.93	3.85	3.96	3.92	1.52	ppb
Calcium	43-1	6447.62	6404.65	6470.17	6440.81	0.52	ppb
Calcium	44-1	6041.70	6076.78	6026.01	6048.16	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.58	128.06	129.93	129.19	0.77	ppb
Cobalt	59-2	73.61	73.20	73.09	73.30	0.38	ppb
Copper	63-2	527.02	521.57	521.79	523.46	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	145861.67	147799.19	144893.90	146184.92	1.01	ppb
Iron	57-2	149919.98	148730.70	144477.18	147709.29	1.94	ppb
Iron	54-2	146334.93	147383.04	146225.20	146647.72	0.44	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Q3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:03:20	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	171.56	171.60	165.66	169.60	2.02	ppb
Lead	207-1	171.73	173.16	168.68	171.19	1.34	ppb
Lead	208-1	171.54	170.84	167.91	170.10	1.13	ppb
Lithium	6-1				80		%
Magnesium	24-2	21217.08	21233.49	20786.93	21079.17	1.20	ppb
Manganese	55-2	2827.63	2804.05	2811.81	2814.50	0.43	ppb
Molybdenum	94-1	28.98	29.17	29.47	29.21	0.85	ppb
Molybdenum	95-1	1.89	1.87	1.86	1.88	1.03	ppb
Molybdenum	96-1	5.63	5.75	5.73	5.70	1.13	ppb
Molybdenum	97-1	1.83	1.88	1.95	1.88	3.17	ppb
Molybdenum	98-1	1.81	1.88	1.87	1.85	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.89	118.27	116.95	117.37	0.67	ppb
Phosphorus	31-2	2094.26	2073.83	2082.48	2083.52	0.49	ppb
Potassium	39-2	8554.61	8537.71	8368.08	8486.80	1.22	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.92	1.08	1.09	1.03	9.03	ppb
Selenium	77-2	17.61	20.81	20.53	19.65	9.03	ppb
Selenium	78-2	4.24	4.00	4.39	4.21	4.73	ppb
Silicon	28-1	1786.14	1769.76	1791.62	1782.51	0.64	ppb
Silver	107-1	1.08	1.08	1.10	1.09	1.08	ppb
Silver	109-1	1.09	1.06	1.08	1.07	1.20	ppb
Sodium	23-2	146.83	149.06	148.65	148.18	0.80	ppb
Strontium	86-1	63.36	64.05	64.09	63.83	0.64	ppb
Strontium	88-1	64.18	63.85	64.56	64.20	0.55	ppb
Sulfur	34-1	-1368.96	-1386.18	-1325.85	-1360.33		ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	0.63	0.62	0.64	0.63	1.59	ppb
Thallium	205-1	0.62	0.63	0.61	0.62	1.12	ppb
Tin	118-1	3.22	3.24	3.30	3.25	1.34	ppb
Titanium	47-1	1299.05	1284.71	1283.52	1289.09	0.67	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Q3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:03:20	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.48	1.44	1.46	1.46	1.39	ppb
Vanadium	51-2	292.96	300.59	292.82	295.46	1.50	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	412.45	406.95	404.50	407.97	1.00	ppb
Zirconium	90-1	15.47	15.58	15.60	15.55	0.46	ppb
Zirconium	91-1	15.52	16.15	15.87	15.85	2.01	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-16	Instrumnet Name :	P7
Client Sample ID :	MYE4Q4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:06:21	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63584.64	62285.79	64080.31	63316.91	1.46	ppb
Antimony	121-1	1.45	1.43	1.47	1.45	1.32	ppb
Arsenic	75-2	133.56	134.23	134.76	134.19	0.45	ppb
Barium	135-1	577.79	576.72	575.04	576.51	0.24	ppb
Barium	137-1	580.27	578.64	577.10	578.67	0.27	ppb
Beryllium	9-1	1.92	1.98	1.98	1.96	1.67	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.59	2.63	2.85	2.69	5.11	ppb
Cadmium	106-1	1.82	1.70	0.86	1.46	35.95	ppb
Cadmium	111-1	1.84	1.86	1.87	1.86	0.72	ppb
Calcium	43-1	21243.12	21444.92	21394.06	21360.70	0.49	ppb
Calcium	44-1	20500.01	20804.23	21039.08	20781.11	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165.32	159.90	167.15	164.12	2.30	ppb
Cobalt	59-2	87.37	86.07	88.67	87.37	1.49	ppb
Copper	63-2	272.14	264.59	275.34	270.69	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	148805.36	147575.88	152243.08	149541.44	1.62	ppb
Iron	57-2	150495.34	146407.25	149254.62	148719.07	1.41	ppb
Iron	54-2	151113.83	148993.91	152712.26	150940.00	1.24	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-16	Instrumnet Name :	P7
Client Sample ID :	MYE4Q4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:06:21	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	61.23	62.23	61.55	61.67	0.83	ppb
Lead	207-1	60.14	60.65	60.22	60.34	0.46	ppb
Lead	208-1	59.96	60.47	60.16	60.20	0.42	ppb
Lithium	6-1				80		%
Magnesium	24-2	38227.77	37464.68	38533.85	38075.43	1.45	ppb
Manganese	55-2	3449.11	3386.81	3526.64	3454.19	2.03	ppb
Molybdenum	94-1	28.11	28.01	28.42	28.18	0.75	ppb
Molybdenum	95-1	1.43	1.44	1.45	1.44	0.61	ppb
Molybdenum	96-1	5.37	5.11	5.24	5.24	2.44	ppb
Molybdenum	97-1	1.42	1.36	1.45	1.41	3.03	ppb
Molybdenum	98-1	1.38	1.38	1.39	1.38	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	144.64	143.13	147.44	145.07	1.51	ppb
Phosphorus	31-2	2001.96	1930.64	1992.48	1975.02	1.96	ppb
Potassium	39-2	9625.82	9229.19	9592.80	9482.61	2.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.25	0.33	0.41	0.33	24.94	ppb
Selenium	77-2	20.19	21.74	18.18	20.04	8.89	ppb
Selenium	78-2	4.46	5.38	3.97	4.60	15.58	ppb
Silicon	28-1	1761.43	1795.66	1742.70	1766.60	1.52	ppb
Silver	107-1	0.47	0.45	0.46	0.46	1.78	ppb
Silver	109-1	0.45	0.45	0.47	0.46	1.63	ppb
Sodium	23-2	170.25	164.34	171.68	168.76	2.31	ppb
Strontium	86-1	100.04	97.82	100.40	99.42	1.40	ppb
Strontium	88-1	99.59	99.38	101.45	100.14	1.14	ppb
Sulfur	34-1	-1212.02	-1184.56	-1178.36	-1191.65		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.58	0.60	0.59	0.59	1.41	ppb
Thallium	205-1	0.57	0.59	0.58	0.58	1.39	ppb
Tin	118-1	2.57	2.55	2.61	2.57	1.16	ppb
Titanium	47-1	1130.30	1135.75	1142.98	1136.35	0.56	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-16	Instrumnet Name :	P7
Client Sample ID :	MYE4Q4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:06:21	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.60	1.63	1.63	1.62	1.08	ppb
Vanadium	51-2	313.10	304.18	308.74	308.67	1.45	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	312.15	304.70	313.98	310.28	1.58	ppb
Zirconium	90-1	15.22	15.17	15.52	15.30	1.22	ppb
Zirconium	91-1	15.34	15.08	15.56	15.33	1.58	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-17	Instrumnet Name :	P7
Client Sample ID :	MYE4Q5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:09:21	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42618.57	42663.21	42623.87	42635.22	0.06	ppb
Antimony	121-1	1.03	1.04	1.04	1.04	0.62	ppb
Arsenic	75-2	99.16	96.32	97.81	97.76	1.45	ppb
Barium	135-1	545.58	545.36	547.85	546.26	0.25	ppb
Barium	137-1	547.26	548.38	547.95	547.87	0.10	ppb
Beryllium	9-1	1.77	1.84	1.74	1.78	2.84	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.20	1.37	1.34	1.30	6.97	ppb
Cadmium	106-1	-0.20	-1.09	-1.12	-0.80		ppb
Cadmium	111-1	1.04	1.00	1.03	1.03	1.95	ppb
Calcium	43-1	7871.50	8101.51	8166.22	8046.41	1.92	ppb
Calcium	44-1	7465.74	7575.55	7656.98	7566.09	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.95	100.59	99.26	99.27	1.33	ppb
Cobalt	59-2	62.77	63.48	62.66	62.97	0.70	ppb
Copper	63-2	135.49	136.58	137.76	136.61	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	91396.97	93540.69	92074.25	92337.31	1.19	ppb
Iron	57-2	92363.32	93172.44	93132.65	92889.47	0.49	ppb
Iron	54-2	92986.16	93584.51	94037.41	93536.03	0.56	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-17	Instrumnet Name :	P7
Client Sample ID :	MYE4Q5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:09:21	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.73	40.64	40.87	40.42	1.49	ppb
Lead	207-1	38.55	39.29	39.89	39.24	1.71	ppb
Lead	208-1	38.86	39.73	39.96	39.52	1.46	ppb
Lithium	6-1				80		%
Magnesium	24-2	17847.26	17760.93	17852.80	17820.33	0.29	ppb
Manganese	55-2	3015.72	3045.53	3049.54	3036.93	0.61	ppb
Molybdenum	94-1	13.53	13.95	13.92	13.80	1.71	ppb
Molybdenum	95-1	1.00	1.01	1.04	1.01	2.03	ppb
Molybdenum	96-1	2.89	2.89	2.90	2.89	0.15	ppb
Molybdenum	97-1	0.96	0.99	1.05	1.00	4.64	ppb
Molybdenum	98-1	0.95	0.99	1.00	0.98	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.04	105.78	104.48	105.10	0.62	ppb
Phosphorus	31-2	1384.33	1411.29	1403.48	1399.70	0.99	ppb
Potassium	39-2	8225.83	8368.94	8285.96	8293.58	0.87	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.27	0.55	0.14	0.32	66.19	ppb
Selenium	77-2	20.74	18.10	19.69	19.51	6.81	ppb
Selenium	78-2	3.95	3.68	4.31	3.98	7.93	ppb
Silicon	28-1	1778.32	1805.25	1791.44	1791.67	0.75	ppb
Silver	107-1	0.18	0.18	0.19	0.18	1.26	ppb
Silver	109-1	0.19	0.18	0.18	0.18	2.29	ppb
Sodium	23-2	150.26	151.63	152.51	151.47	0.75	ppb
Strontium	86-1	69.51	71.17	71.25	70.65	1.39	ppb
Strontium	88-1	70.69	72.20	72.01	71.64	1.15	ppb
Sulfur	34-1	-1418.95	-1457.73	-1468.63	-1448.44		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.59	0.57	0.58	0.58	1.32	ppb
Thallium	205-1	0.56	0.58	0.58	0.57	1.81	ppb
Tin	118-1	2.32	2.34	2.37	2.34	1.06	ppb
Titanium	47-1	1097.59	1117.87	1136.51	1117.33	1.74	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-17	Instrumnet Name :	P7
Client Sample ID :	MYE4Q5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:09:21	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.47	1.52	1.50	1.49	1.63	ppb
Vanadium	51-2	175.22	176.50	175.88	175.87	0.36	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	184.10	184.99	184.53	184.54	0.24	ppb
Zirconium	90-1	7.15	7.31	7.38	7.28	1.58	ppb
Zirconium	91-1	7.24	7.37	7.38	7.33	1.08	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-18	Instrumnet Name :	P7
Client Sample ID :	MYE4Q6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:12:22	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38094.27	38230.96	37169.71	37831.64	1.53	ppb
Antimony	121-1	1.78	1.93	1.90	1.87	4.48	ppb
Arsenic	75-2	117.92	115.54	116.58	116.68	1.02	ppb
Barium	135-1	415.04	445.41	447.47	435.97	4.16	ppb
Barium	137-1	419.87	442.40	449.79	437.35	3.56	ppb
Beryllium	9-1	1.58	1.82	1.79	1.73	7.39	ppb
Bismuth	209-1				117		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.36	2.47	2.41	2.41	2.28	ppb
Cadmium	106-1	0.29	0.14	-0.20	0.08	332.05	ppb
Cadmium	111-1	2.04	2.16	2.16	2.12	3.27	ppb
Calcium	43-1	8931.92	9583.05	9633.41	9382.79	4.17	ppb
Calcium	44-1	8477.94	9010.72	9026.86	8838.51	3.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.58	101.02	98.94	99.85	1.07	ppb
Cobalt	59-2	56.14	56.57	54.93	55.88	1.52	ppb
Copper	63-2	279.07	276.28	272.00	275.78	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	100301.51	100516.08	97617.05	99478.21	1.62	ppb
Iron	57-2	98680.54	101850.74	98016.00	99515.76	2.06	ppb
Iron	54-2	100288.81	101573.21	98890.17	100250.73	1.34	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-18	Instrumnet Name :	P7
Client Sample ID :	MYE4Q6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:12:22	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	69.51	74.41	74.67	72.86	3.99	ppb
Lead	207-1	68.62	73.53	74.43	72.19	4.34	ppb
Lead	208-1	68.10	73.20	73.48	71.59	4.23	ppb
Lithium	6-1				82		%
Magnesium	24-2	18929.37	18838.23	18383.82	18717.14	1.56	ppb
Manganese	55-2	2342.18	2390.95	2321.76	2351.63	1.51	ppb
Molybdenum	94-1	24.78	26.23	27.25	26.09	4.75	ppb
Molybdenum	95-1	1.17	1.29	1.34	1.27	6.77	ppb
Molybdenum	96-1	4.30	4.54	4.62	4.49	3.79	ppb
Molybdenum	97-1	1.17	1.32	1.31	1.27	6.42	ppb
Molybdenum	98-1	1.17	1.24	1.27	1.23	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.24	103.77	100.91	102.64	1.48	ppb
Phosphorus	31-2	2034.10	2026.54	1994.88	2018.51	1.03	ppb
Potassium	39-2	9256.03	9314.24	9172.57	9247.62	0.77	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.63	0.80	0.17	0.53	60.73	ppb
Selenium	77-2	19.38	21.78	17.67	19.61	10.51	ppb
Selenium	78-2	4.17	4.51	5.02	4.57	9.45	ppb
Silicon	28-1	1856.09	1974.97	2008.79	1946.62	4.12	ppb
Silver	107-1	0.48	0.52	0.52	0.51	4.19	ppb
Silver	109-1	0.47	0.51	0.52	0.50	5.41	ppb
Sodium	23-2	160.29	160.69	157.82	159.60	0.97	ppb
Strontium	86-1	55.31	58.32	59.53	57.72	3.76	ppb
Strontium	88-1	56.30	59.06	60.45	58.60	3.61	ppb
Sulfur	34-1	-1488.02	-1421.02	-1401.47	-1436.84		ppb
Terbium	159-1				117		%
Terbium	159-2				105		%
Thallium	203-1	0.47	0.51	0.52	0.50	4.87	ppb
Thallium	205-1	0.46	0.51	0.51	0.49	5.34	ppb
Tin	118-1	2.33	2.54	2.53	2.47	4.73	ppb
Titanium	47-1	1046.26	1114.05	1122.19	1094.17	3.81	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-18	Instrumnet Name :	P7
Client Sample ID :	MYE4Q6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:12:22	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.23	1.24	1.20	4.52	ppb
Vanadium	51-2	188.06	194.44	187.16	189.88	2.09	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	263.75	264.89	259.12	262.59	1.16	ppb
Zirconium	90-1	13.35	14.19	14.50	14.01	4.24	ppb
Zirconium	91-1	13.46	14.24	14.53	14.08	3.92	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-19	Instrumnet Name :	P7
Client Sample ID :	MYE4Q7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:15:24	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25657.32	26245.00	26636.45	26179.59	1.88	ppb
Antimony	121-1	1.69	1.71	1.72	1.71	0.92	ppb
Arsenic	75-2	84.19	85.84	86.26	85.43	1.28	ppb
Barium	135-1	315.17	323.60	312.71	317.16	1.80	ppb
Barium	137-1	315.81	323.98	318.75	319.51	1.29	ppb
Beryllium	9-1	1.07	1.09	1.06	1.07	1.52	ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.45	1.41	1.60	1.49	6.90	ppb
Cadmium	106-1	-0.79	-0.70	-0.61	-0.70		ppb
Cadmium	111-1	1.19	1.23	1.20	1.21	1.90	ppb
Calcium	43-1	6831.04	6934.39	6750.31	6838.58	1.35	ppb
Calcium	44-1	6393.77	6420.07	6327.70	6380.51	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.06	65.96	67.07	66.03	1.53	ppb
Cobalt	59-2	43.30	43.84	44.75	43.96	1.66	ppb
Copper	63-2	148.41	151.32	155.08	151.60	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	82436.34	83388.93	85001.77	83609.01	1.55	ppb
Iron	57-2	82154.63	82996.15	83860.63	83003.80	1.03	ppb
Iron	54-2	82890.09	84128.75	84365.19	83794.68	0.95	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-19	Instrumnet Name :	P7
Client Sample ID :	MYE4Q7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:15:24	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.72	42.71	41.74	42.05	1.34	ppb
Lead	207-1	40.76	42.27	41.46	41.50	1.82	ppb
Lead	208-1	40.86	42.03	41.40	41.43	1.42	ppb
Lithium	6-1				79		%
Magnesium	24-2	13947.43	14185.09	14341.50	14158.00	1.40	ppb
Manganese	55-2	1779.94	1786.91	1804.33	1790.39	0.70	ppb
Molybdenum	94-1	17.65	18.37	18.02	18.01	1.98	ppb
Molybdenum	95-1	1.08	1.11	1.11	1.10	1.47	ppb
Molybdenum	96-1	3.32	3.39	3.38	3.36	1.16	ppb
Molybdenum	97-1	1.12	1.07	1.06	1.08	3.08	ppb
Molybdenum	98-1	1.06	1.09	1.09	1.08	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.40	70.61	70.78	70.26	1.07	ppb
Phosphorus	31-2	1553.07	1589.37	1614.13	1585.52	1.94	ppb
Potassium	39-2	4850.21	4966.77	5005.36	4940.78	1.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	0.56	0.29	0.29	0.38	41.00	ppb
Selenium	77-2	11.68	12.44	12.67	12.26	4.20	ppb
Selenium	78-2	2.10	3.38	2.23	2.57	27.34	ppb
Silicon	28-1	1882.29	1919.01	1900.57	1900.62	0.97	ppb
Silver	107-1	0.21	0.21	0.21	0.21	1.67	ppb
Silver	109-1	0.21	0.20	0.20	0.20	1.71	ppb
Sodium	23-2	209.03	215.58	216.08	213.57	1.84	ppb
Strontium	86-1	54.95	56.18	55.82	55.65	1.13	ppb
Strontium	88-1	55.08	55.91	55.86	55.62	0.84	ppb
Sulfur	34-1	-1426.20	-1450.88	-1477.81	-1451.63		ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.31	0.31	0.30	0.31	1.35	ppb
Thallium	205-1	0.31	0.31	0.30	0.30	2.19	ppb
Tin	118-1	1.94	1.96	1.95	1.95	0.61	ppb
Titanium	47-1	895.65	885.12	883.14	887.97	0.76	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-19	Instrumnet Name :	P7
Client Sample ID :	MYE4Q7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:15:24	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.93	0.91	0.92	1.31	ppb
Vanadium	51-2	183.63	186.24	189.16	186.34	1.48	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	183.29	185.95	187.86	185.70	1.24	ppb
Zirconium	90-1	9.49	9.77	9.64	9.63	1.44	ppb
Zirconium	91-1	9.57	9.78	9.79	9.71	1.26	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-20	Instrumnet Name :	P7
Client Sample ID :	MYE4Q8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:18:25	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38097.96	38677.68	38766.62	38514.09	0.94	ppb
Antimony	121-1	1.36	1.33	1.36	1.35	1.37	ppb
Arsenic	75-2	111.37	111.71	111.26	111.45	0.21	ppb
Barium	135-1	456.66	453.24	448.33	452.74	0.93	ppb
Barium	137-1	453.27	456.21	453.64	454.37	0.35	ppb
Beryllium	9-1	1.60	1.74	1.57	1.63	5.49	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.85	2.08	2.05	1.99	6.22	ppb
Cadmium	106-1	-0.04	-0.33	-0.15	-0.18		ppb
Cadmium	111-1	1.78	1.78	1.78	1.78	0.17	ppb
Calcium	43-1	6557.04	6524.30	6472.38	6517.91	0.65	ppb
Calcium	44-1	6252.93	6086.43	6114.51	6151.29	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.45	97.01	98.10	97.19	0.87	ppb
Cobalt	59-2	56.55	57.39	57.57	57.17	0.95	ppb
Copper	63-2	197.52	196.68	196.94	197.05	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	101446.10	101775.23	101923.26	101714.86	0.24	ppb
Iron	57-2	100913.48	102099.81	102845.05	101952.78	0.96	ppb
Iron	54-2	102051.78	102254.39	102892.33	102399.50	0.43	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-20	Instrumnet Name :	P7
Client Sample ID :	MYE4Q8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:18:25	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	69.25	69.00	69.57	69.27	0.41	ppb
Lead	207-1	69.00	69.04	69.20	69.08	0.16	ppb
Lead	208-1	68.09	67.34	68.40	67.94	0.80	ppb
Lithium	6-1				79		%
Magnesium	24-2	19628.88	19816.14	19911.13	19785.38	0.73	ppb
Manganese	55-2	3112.90	3138.28	3123.95	3125.04	0.41	ppb
Molybdenum	94-1	21.77	21.79	21.66	21.74	0.32	ppb
Molybdenum	95-1	0.99	0.96	0.96	0.97	1.28	ppb
Molybdenum	96-1	3.81	3.73	3.73	3.76	1.16	ppb
Molybdenum	97-1	0.93	0.94	0.93	0.93	0.67	ppb
Molybdenum	98-1	0.95	0.93	0.91	0.93	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.17	102.78	102.44	102.13	0.83	ppb
Phosphorus	31-2	1848.90	1844.09	1850.17	1847.72	0.17	ppb
Potassium	39-2	8911.15	8851.80	8911.03	8891.33	0.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.42	0.56	0.12	0.37	61.15	ppb
Selenium	77-2	15.83	15.77	16.61	16.07	2.93	ppb
Selenium	78-2	2.60	3.09	2.71	2.80	9.14	ppb
Silicon	28-1	2251.16	2248.74	2224.68	2241.53	0.65	ppb
Silver	107-1	0.35	0.35	0.35	0.35	1.14	ppb
Silver	109-1	0.36	0.35	0.34	0.35	3.29	ppb
Sodium	23-2	114.07	115.66	116.12	115.28	0.93	ppb
Strontium	86-1	59.02	58.83	58.32	58.72	0.62	ppb
Strontium	88-1	59.12	59.27	59.04	59.14	0.20	ppb
Sulfur	34-1	-1376.46	-1390.73	-1420.17	-1395.79		ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.50	0.51	0.49	0.50	2.34	ppb
Thallium	205-1	0.51	0.51	0.51	0.51	0.20	ppb
Tin	118-1	2.32	2.28	2.31	2.30	0.81	ppb
Titanium	47-1	876.39	864.82	850.17	863.79	1.52	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-20	Instrumnet Name :	P7
Client Sample ID :	MYE4Q8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:18:25	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.13	1.14	1.14	0.44	ppb
Vanadium	51-2	199.15	202.54	202.92	201.54	1.03	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	256.23	258.22	259.58	258.01	0.65	ppb
Zirconium	90-1	11.75	11.68	11.67	11.70	0.36	ppb
Zirconium	91-1	11.86	11.82	11.81	11.83	0.21	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-21	Instrumnet Name :	P7
Client Sample ID :	MYE4Q9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:21:27	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37543.96	37488.02	37988.74	37673.57	0.73	ppb
Antimony	121-1	1.36	1.41	1.38	1.38	1.75	ppb
Arsenic	75-2	127.39	125.88	127.12	126.80	0.64	ppb
Barium	135-1	447.50	462.55	457.54	455.86	1.68	ppb
Barium	137-1	451.46	464.51	454.56	456.84	1.49	ppb
Beryllium	9-1	1.75	1.68	1.81	1.75	3.67	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.69	1.65	1.75	1.70	3.10	ppb
Cadmium	106-1	0.02	0.22	-0.11	0.04	373.25	ppb
Cadmium	111-1	1.24	1.29	1.30	1.28	2.26	ppb
Calcium	43-1	7042.61	7051.30	7001.49	7031.80	0.38	ppb
Calcium	44-1	6577.09	6659.07	6608.80	6614.98	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.07	95.94	96.49	95.83	0.75	ppb
Cobalt	59-2	60.74	60.79	61.24	60.92	0.45	ppb
Copper	63-2	145.80	145.32	145.73	145.62	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	100535.08	100261.49	100681.83	100492.80	0.21	ppb
Iron	57-2	101025.00	100364.83	101328.93	100906.25	0.49	ppb
Iron	54-2	101534.52	100943.83	101469.29	101315.88	0.32	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-21	Instrumnet Name :	P7
Client Sample ID :	MYE4Q9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:21:27	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.94	47.17	46.49	46.53	1.32	ppb
Lead	207-1	44.61	45.37	45.62	45.20	1.16	ppb
Lead	208-1	44.64	45.41	45.30	45.12	0.93	ppb
Lithium	6-1				82		%
Magnesium	24-2	17803.40	17724.17	18114.16	17880.58	1.15	ppb
Manganese	55-2	2758.76	2739.35	2764.50	2754.20	0.48	ppb
Molybdenum	94-1	24.93	25.24	25.14	25.10	0.62	ppb
Molybdenum	95-1	0.96	0.94	0.95	0.95	1.18	ppb
Molybdenum	96-1	4.07	4.09	4.15	4.10	0.94	ppb
Molybdenum	97-1	0.94	0.93	0.96	0.95	1.77	ppb
Molybdenum	98-1	0.92	0.93	0.93	0.93	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.83	101.99	103.00	102.27	0.62	ppb
Phosphorus	31-2	1531.78	1512.77	1490.56	1511.70	1.36	ppb
Potassium	39-2	7880.92	7907.67	7936.28	7908.29	0.35	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.11	0.21	0.35	0.22	54.08	ppb
Selenium	77-2	17.65	18.09	18.95	18.23	3.62	ppb
Selenium	78-2	3.78	3.95	3.32	3.68	8.81	ppb
Silicon	28-1	1950.10	2003.09	1978.43	1977.21	1.34	ppb
Silver	107-1	0.19	0.18	0.20	0.19	3.35	ppb
Silver	109-1	0.18	0.18	0.17	0.18	4.77	ppb
Sodium	23-2	143.26	142.30	144.61	143.39	0.81	ppb
Strontium	86-1	72.23	72.84	74.27	73.11	1.43	ppb
Strontium	88-1	72.79	73.90	74.35	73.68	1.09	ppb
Sulfur	34-1	-1365.27	-1386.70	-1390.48	-1380.82		ppb
Terbium	159-1				116		%
Terbium	159-2				105		%
Thallium	203-1	0.52	0.52	0.50	0.51	2.22	ppb
Thallium	205-1	0.51	0.51	0.51	0.51	0.42	ppb
Tin	118-1	1.97	2.03	2.04	2.01	1.75	ppb
Titanium	47-1	962.33	960.13	960.36	960.94	0.13	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-21	Instrumnet Name :	P7
Client Sample ID :	MYE4Q9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:21:27	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.30	1.34	1.32	1.32	1.73	ppb
Vanadium	51-2	191.25	188.55	193.06	190.95	1.19	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	204.67	204.73	205.63	205.01	0.26	ppb
Zirconium	90-1	13.48	13.81	13.80	13.70	1.38	ppb
Zirconium	91-1	13.78	13.61	13.83	13.74	0.85	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-22	Instrumnet Name :	P7
Client Sample ID :	MYE4R0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:24:28	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39333.66	39195.17	44632.48	41053.77	7.55	ppb
Antimony	121-1	1.11	1.28	1.30	1.23	8.50	ppb
Arsenic	75-2	101.13	100.28	112.60	104.67	6.57	ppb
Barium	135-1	402.70	447.97	445.58	432.08	5.90	ppb
Barium	137-1	402.88	453.04	448.31	434.74	6.37	ppb
Beryllium	9-1	1.17	1.31	1.20	1.22	6.24	ppb
Bismuth	209-1				118		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.01	1.30	1.23	1.18	12.85	ppb
Cadmium	106-1	-0.71	-0.91	-1.54	-1.05		ppb
Cadmium	111-1	0.66	0.70	0.72	0.69	4.22	ppb
Calcium	43-1	6590.49	7685.38	7787.35	7354.41	9.02	ppb
Calcium	44-1	6180.70	7154.30	7174.48	6836.50	8.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77.94	78.96	88.68	81.86	7.24	ppb
Cobalt	59-2	50.25	50.96	57.42	52.88	7.47	ppb
Copper	63-2	116.84	118.19	132.78	122.60	7.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				91		%
Iron	56-2	84397.10	86131.95	96026.13	88851.73	7.06	ppb
Iron	57-2	86287.99	85377.45	95729.65	89131.70	6.43	ppb
Iron	54-2	85281.53	85945.09	95975.90	89067.51	6.73	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-22	Instrumnet Name :	P7
Client Sample ID :	MYE4R0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:24:28	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.63	23.49	24.32	22.81	8.48	ppb
Lead	207-1	19.58	22.70	23.00	21.76	8.71	ppb
Lead	208-1	19.92	22.75	23.40	22.02	8.42	ppb
Lithium	6-1				85		%
Magnesium	24-2	17179.71	17401.70	19561.51	18047.64	7.29	ppb
Manganese	55-2	1908.55	1944.31	2185.75	2012.87	7.49	ppb
Molybdenum	94-1	18.36	20.95	21.14	20.15	7.71	ppb
Molybdenum	95-1	0.93	1.03	1.09	1.02	8.01	ppb
Molybdenum	96-1	3.20	3.64	3.70	3.51	7.74	ppb
Molybdenum	97-1	0.93	1.07	1.06	1.02	8.00	ppb
Molybdenum	98-1	0.90	1.03	1.05	0.99	8.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	81.43	82.52	93.45	85.80	7.75	ppb
Phosphorus	31-2	1759.49	1793.64	1993.51	1848.88	6.84	ppb
Potassium	39-2	5838.71	5984.61	6584.31	6135.88	6.44	ppb
Rhodium	103-1				105		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	82-1	0.46	0.28	0.09	0.27	68.42	ppb
Selenium	77-2	15.40	15.42	20.54	17.12	17.30	ppb
Selenium	78-2	3.66	3.54	4.56	3.92	14.20	ppb
Silicon	28-1	1922.18	2215.37	2263.79	2133.78	8.66	ppb
Silver	107-1	0.08	0.09	0.10	0.09	9.34	ppb
Silver	109-1	0.09	0.09	0.10	0.09	5.68	ppb
Sodium	23-2	142.62	145.14	164.75	150.84	8.03	ppb
Strontium	86-1	62.97	70.82	72.22	68.67	7.26	ppb
Strontium	88-1	63.37	71.28	72.77	69.14	7.31	ppb
Sulfur	34-1	-1682.19	-1506.95	-1538.59	-1575.91		ppb
Terbium	159-1				119		%
Terbium	159-2				100		%
Thallium	203-1	0.29	0.33	0.32	0.32	6.29	ppb
Thallium	205-1	0.28	0.33	0.33	0.31	8.59	ppb
Tin	118-1	1.63	1.86	1.90	1.80	8.09	ppb
Titanium	47-1	744.14	857.15	874.54	825.28	8.58	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-22	Instrumnet Name :	P7
Client Sample ID :	MYE4R0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:24:28	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.19	1.21	1.15	8.48	ppb
Vanadium	51-2	149.66	152.41	171.46	157.84	7.52	ppb
Yttrium	89-1				111		%
Yttrium	89-2				96		%
Zinc	66-2	172.85	173.85	195.57	180.76	7.10	ppb
Zirconium	90-1	9.86	11.21	11.42	10.83	7.81	ppb
Zirconium	91-1	9.95	11.30	11.46	10.91	7.61	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:27:32	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11225.78	11335.54	11443.79	11335.04	0.96	ppb
Antimony	121-1	0.74	0.75	0.77	0.75	1.67	ppb
Arsenic	75-2	50.85	49.34	49.75	49.98	1.56	ppb
Barium	135-1	146.11	148.74	147.38	147.41	0.89	ppb
Barium	137-1	146.22	149.14	150.13	148.49	1.37	ppb
Beryllium	9-1	0.41	0.46	0.40	0.42	7.74	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.24	1.18	1.41	1.28	9.44	ppb
Cadmium	106-1	-1.41	-1.22	-1.93	-1.52		ppb
Cadmium	111-1	1.06	1.08	1.04	1.06	1.79	ppb
Calcium	43-1	2983.99	3005.10	3005.93	2998.34	0.41	ppb
Calcium	44-1	2758.73	2791.60	2799.20	2783.17	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.90	26.78	27.13	26.93	0.66	ppb
Cobalt	59-2	18.67	18.74	18.78	18.73	0.31	ppb
Copper	63-2	146.44	147.84	147.78	147.35	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	29667.75	29983.03	29912.45	29854.41	0.55	ppb
Iron	57-2	29983.80	29925.18	30275.20	30061.39	0.62	ppb
Iron	54-2	29996.06	30127.73	30272.46	30132.08	0.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:27:32	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.36	41.95	42.07	42.13	0.50	ppb
Lead	207-1	42.53	42.48	42.57	42.53	0.10	ppb
Lead	208-1	42.32	41.86	42.28	42.15	0.60	ppb
Lithium	6-1				82		%
Magnesium	24-2	6931.79	6899.94	6885.00	6905.58	0.35	ppb
Manganese	55-2	647.37	642.62	650.90	646.96	0.64	ppb
Molybdenum	94-1	10.63	10.69	10.54	10.62	0.71	ppb
Molybdenum	95-1	0.33	0.33	0.33	0.33	0.84	ppb
Molybdenum	96-1	1.60	1.58	1.59	1.59	0.47	ppb
Molybdenum	97-1	0.32	0.33	0.34	0.33	3.36	ppb
Molybdenum	98-1	0.31	0.31	0.32	0.32	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.99	35.18	35.29	35.15	0.42	ppb
Phosphorus	31-2	713.49	717.41	717.34	716.08	0.31	ppb
Potassium	39-2	1559.99	1583.21	1600.30	1581.17	1.28	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	0.26	-0.14	-0.22	-0.04		ppb
Selenium	77-2	4.99	5.43	5.41	5.28	4.69	ppb
Selenium	78-2	0.54	0.82	0.96	0.78	27.93	ppb
Silicon	28-1	423.09	433.67	434.24	430.33	1.46	ppb
Silver	107-1	0.29	0.29	0.28	0.29	1.78	ppb
Silver	109-1	0.29	0.28	0.29	0.29	2.53	ppb
Sodium	23-2	49.15	49.64	49.73	49.51	0.64	ppb
Strontium	86-1	28.97	28.40	28.92	28.77	1.10	ppb
Strontium	88-1	29.24	28.59	29.16	29.00	1.23	ppb
Sulfur	34-1	-1464.48	-1438.50	-1414.57	-1439.19		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.14	0.13	0.13	0.13	1.05	ppb
Thallium	205-1	0.14	0.13	0.13	0.14	1.90	ppb
Tin	118-1	0.84	0.81	0.85	0.83	2.71	ppb
Titanium	47-1	287.70	290.78	294.51	291.00	1.17	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:27:32	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.32	0.32	0.32	0.32	0.94	ppb
Vanadium	51-2	57.73	58.96	58.29	58.33	1.06	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	109.96	109.76	110.26	109.99	0.23	ppb
Zirconium	90-1	5.83	5.76	5.84	5.81	0.76	ppb
Zirconium	91-1	5.83	5.82	5.81	5.82	0.18	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:30:38	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11850.44	12006.27	11669.91	11842.21	1.42	ppb
Antimony	121-1	0.81	0.80	0.82	0.81	1.37	ppb
Arsenic	75-2	50.39	49.25	50.10	49.91	1.19	ppb
Barium	135-1	155.97	157.16	157.14	156.76	0.44	ppb
Barium	137-1	156.88	159.43	159.62	158.64	0.97	ppb
Beryllium	9-1	0.35	0.43	0.41	0.40	10.99	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.39	1.29	1.29	1.32	4.40	ppb
Cadmium	106-1	-0.74	-1.67	-1.27	-1.23		ppb
Cadmium	111-1	1.18	1.16	1.17	1.17	0.83	ppb
Calcium	43-1	3083.14	3106.56	3084.34	3091.35	0.43	ppb
Calcium	44-1	2846.84	2872.61	2927.92	2882.46	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.17	28.16	28.04	28.12	0.26	ppb
Cobalt	59-2	19.31	19.32	19.30	19.31	0.04	ppb
Copper	63-2	154.20	153.60	154.04	153.95	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	31091.78	30959.76	30774.90	30942.15	0.51	ppb
Iron	57-2	31156.94	30876.52	30495.46	30842.98	1.08	ppb
Iron	54-2	31394.33	31584.70	31230.04	31403.02	0.57	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:30:38	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.20	44.45	43.96	44.20	0.56	ppb
Lead	207-1	44.58	44.56	44.29	44.48	0.36	ppb
Lead	208-1	44.04	44.41	43.78	44.08	0.72	ppb
Lithium	6-1				84		%
Magnesium	24-2	7104.71	7303.43	7184.05	7197.40	1.39	ppb
Manganese	55-2	675.11	676.45	671.52	674.36	0.38	ppb
Molybdenum	94-1	10.67	10.89	10.85	10.80	1.10	ppb
Molybdenum	95-1	0.33	0.35	0.33	0.34	3.27	ppb
Molybdenum	96-1	1.58	1.69	1.64	1.64	3.52	ppb
Molybdenum	97-1	0.34	0.35	0.31	0.33	6.26	ppb
Molybdenum	98-1	0.33	0.34	0.34	0.34	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.84	36.76	35.96	36.52	1.33	ppb
Phosphorus	31-2	748.64	745.79	730.49	741.64	1.32	ppb
Potassium	39-2	1639.82	1647.67	1632.67	1640.06	0.46	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	-0.17	-0.02	0.19	0.00	13779.11	ppb
Selenium	77-2	5.74	4.63	7.62	5.99	25.20	ppb
Selenium	78-2	1.41	1.74	1.14	1.43	20.92	ppb
Silicon	28-1	408.46	412.19	404.20	408.28	0.98	ppb
Silver	107-1	0.30	0.31	0.32	0.31	2.56	ppb
Silver	109-1	0.32	0.31	0.30	0.31	2.76	ppb
Sodium	23-2	45.83	45.83	46.18	45.95	0.45	ppb
Strontium	86-1	29.27	30.16	29.82	29.75	1.50	ppb
Strontium	88-1	29.84	29.77	29.64	29.75	0.34	ppb
Sulfur	34-1	-1379.90	-1375.72	-1332.64	-1362.76		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.14	0.14	0.14	0.14	1.54	ppb
Thallium	205-1	0.13	0.14	0.14	0.14	2.17	ppb
Tin	118-1	0.87	0.89	0.89	0.88	1.70	ppb
Titanium	47-1	294.75	298.33	301.84	298.31	1.19	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:30:38	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.33	0.34	0.33	0.33	1.41	ppb
Vanadium	51-2	61.22	61.03	59.82	60.69	1.25	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	115.89	115.28	113.50	114.89	1.08	ppb
Zirconium	90-1	5.87	5.99	5.99	5.95	1.17	ppb
Zirconium	91-1	5.97	5.96	5.96	5.96	0.14	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4W5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 05:33:45	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2219.87	2222.89	2255.32	2232.70	0.88	ppb
Antimony	121-1	0.14	0.15	0.15	0.15	3.39	ppb
Arsenic	75-2	9.68	9.63	9.96	9.76	1.82	ppb
Barium	135-1	28.48	29.57	29.68	29.24	2.27	ppb
Barium	137-1	28.69	29.58	29.86	29.38	2.08	ppb
Beryllium	9-1	0.08	0.09	0.06	0.08	23.74	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.28	0.14	0.24	0.22	33.91	ppb
Cadmium	106-1	-2.62	-2.42	-3.63	-2.89		ppb
Cadmium	111-1	0.16	0.20	0.19	0.19	10.90	ppb
Calcium	43-1	561.76	585.39	586.62	577.92	2.42	ppb
Calcium	44-1	536.99	564.07	563.76	554.94	2.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.28	5.27	5.40	5.32	1.37	ppb
Cobalt	59-2	3.70	3.71	3.78	3.73	1.20	ppb
Copper	63-2	29.29	29.09	29.68	29.36	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	5850.92	5798.98	5901.44	5850.45	0.88	ppb
Iron	57-2	6114.20	6073.21	6197.97	6128.46	1.04	ppb
Iron	54-2	6022.88	5915.96	5949.66	5962.83	0.92	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4W5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 05:33:45	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.05	8.40	8.27	8.24	2.15	ppb
Lead	207-1	8.09	8.33	8.41	8.28	2.05	ppb
Lead	208-1	8.01	8.33	8.27	8.20	2.05	ppb
Lithium	6-1				84		%
Magnesium	24-2	1326.64	1311.75	1342.68	1327.02	1.17	ppb
Manganese	55-2	127.67	127.26	129.09	128.01	0.75	ppb
Molybdenum	94-1	1.95	2.06	2.14	2.05	4.77	ppb
Molybdenum	95-1	0.06	0.06	0.06	0.06	6.46	ppb
Molybdenum	96-1	0.29	0.31	0.31	0.30	4.33	ppb
Molybdenum	97-1	0.06	0.07	0.07	0.06	6.32	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.96	6.98	7.04	7.00	0.53	ppb
Phosphorus	31-2	126.70	120.87	128.59	125.38	3.21	ppb
Potassium	39-2	328.54	325.91	333.27	329.24	1.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	-0.36	-0.31	-0.07	-0.24		ppb
Selenium	77-2	1.24	0.64	0.99	0.95	31.68	ppb
Selenium	78-2	-0.28	-0.27	0.29	-0.09		ppb
Silicon	28-1	74.89	78.07	79.71	77.56	3.16	ppb
Silver	107-1	0.06	0.05	0.06	0.06	3.24	ppb
Silver	109-1	0.05	0.06	0.06	0.05	7.35	ppb
Sodium	23-2	17.04	16.51	16.95	16.83	1.67	ppb
Strontium	86-1	5.40	5.68	5.67	5.58	2.83	ppb
Strontium	88-1	5.46	5.79	5.77	5.67	3.32	ppb
Sulfur	34-1	-1443.64	-1402.85	-1386.00	-1410.83		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.03	0.03	3.31	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.08	ppb
Tin	118-1	0.14	0.17	0.14	0.15	9.88	ppb
Titanium	47-1	54.98	57.96	57.94	56.96	3.01	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4W5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 05:33:45	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.06	0.06	3.83	ppb
Vanadium	51-2	11.55	11.31	11.59	11.49	1.32	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	21.76	21.31	22.17	21.75	1.97	ppb
Zirconium	90-1	1.08	1.15	1.17	1.13	3.81	ppb
Zirconium	91-1	1.09	1.15	1.17	1.14	3.73	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:36:57	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11519.99	11485.57	11785.61	11597.06	1.42	ppb
Antimony	121-1	13.51	14.54	14.56	14.20	4.25	ppb
Arsenic	75-2	55.73	54.26	53.70	54.56	1.92	ppb
Barium	135-1	393.05	425.26	427.33	415.21	4.63	ppb
Barium	137-1	390.34	422.03	423.97	412.11	4.58	ppb
Beryllium	9-1	6.86	7.26	7.04	7.05	2.78	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.96	6.95	7.36	7.09	3.28	ppb
Cadmium	106-1	4.58	5.00	4.54	4.71	5.45	ppb
Cadmium	111-1	7.38	8.03	7.92	7.78	4.44	ppb
Calcium	43-1	2736.62	2997.80	2960.49	2898.30	4.87	ppb
Calcium	44-1	2580.02	2795.03	2796.31	2723.79	4.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.36	55.29	57.72	56.79	2.31	ppb
Cobalt	59-2	95.11	91.12	94.95	93.73	2.41	ppb
Copper	63-2	187.78	178.05	186.39	184.07	2.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	30705.81	29486.08	30571.54	30254.48	2.21	ppb
Iron	57-2	30378.97	29265.63	30489.24	30044.61	2.25	ppb
Iron	54-2	30699.69	29971.35	31328.42	30666.49	2.21	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:36:57	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.43	45.87	46.50	44.93	4.87	ppb
Lead	207-1	42.61	46.60	46.69	45.30	5.14	ppb
Lead	208-1	42.28	45.97	46.27	44.84	4.95	ppb
Lithium	6-1				86		%
Magnesium	24-2	6855.22	6781.37	6930.82	6855.80	1.09	ppb
Manganese	55-2	718.38	705.54	733.71	719.21	1.96	ppb
Molybdenum	94-1	9.62	10.49	10.73	10.28	5.71	ppb
Molybdenum	95-1	0.31	0.31	0.33	0.32	2.85	ppb
Molybdenum	96-1	1.45	1.59	1.57	1.54	5.03	ppb
Molybdenum	97-1	0.28	0.33	0.32	0.31	8.01	ppb
Molybdenum	98-1	0.30	0.32	0.33	0.32	5.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.71	108.38	112.20	111.09	2.13	ppb
Phosphorus	31-2	712.35	740.49	739.50	730.78	2.18	ppb
Potassium	39-2	1617.65	1566.33	1593.80	1592.59	1.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	15.17	16.17	16.42	15.92	4.13	ppb
Selenium	77-2	19.26	20.90	18.66	19.61	5.93	ppb
Selenium	78-2	16.65	16.09	16.53	16.42	1.80	ppb
Silicon	28-1	372.05	413.11	408.75	397.97	5.67	ppb
Silver	107-1	5.73	6.20	6.22	6.05	4.55	ppb
Silver	109-1	5.66	6.21	6.16	6.01	5.07	ppb
Sodium	23-2	40.08	39.04	40.80	39.97	2.22	ppb
Strontium	86-1	26.34	28.79	28.79	27.97	5.06	ppb
Strontium	88-1	26.80	28.42	28.58	27.93	3.51	ppb
Sulfur	34-1	-1470.67	-1358.04	-1360.69	-1396.46		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	6.68	7.27	7.37	7.11	5.26	ppb
Thallium	205-1	6.56	7.18	7.31	7.02	5.69	ppb
Tin	118-1	0.80	0.86	0.87	0.84	4.10	ppb
Titanium	47-1	264.89	291.39	288.29	281.53	5.15	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:36:57	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.30	0.32	0.32	0.31	4.22	ppb
Vanadium	51-2	131.50	129.26	132.50	131.09	1.27	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	184.77	179.89	184.65	183.10	1.52	ppb
Zirconium	90-1	5.28	5.77	5.80	5.62	5.20	ppb
Zirconium	91-1	5.24	5.73	5.76	5.58	5.22	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:40:01	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12616.07	12999.19	12704.86	12773.37	1.57	ppb
Antimony	121-1	70.91	70.83	71.90	71.21	0.84	ppb
Arsenic	75-2	77.57	77.37	77.15	77.37	0.27	ppb
Barium	135-1	1552.41	1569.62	1572.37	1564.80	0.69	ppb
Barium	137-1	1533.03	1563.63	1577.86	1558.17	1.47	ppb
Beryllium	9-1	35.59	37.76	36.32	36.55	3.02	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.01	33.14	33.03	32.73	1.90	ppb
Cadmium	106-1	29.90	30.07	30.10	30.02	0.37	ppb
Cadmium	111-1	35.40	35.97	36.56	35.98	1.61	ppb
Calcium	43-1	2915.71	2982.31	2968.52	2955.51	1.19	ppb
Calcium	44-1	2862.63	2883.15	2884.87	2876.88	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179.16	186.65	181.41	182.41	2.11	ppb
Cobalt	59-2	409.83	416.18	418.25	414.75	1.06	ppb
Copper	63-2	335.13	341.84	336.32	337.76	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	30096.10	31263.20	30744.89	30701.40	1.90	ppb
Iron	57-2	30648.57	30978.61	30652.37	30759.85	0.62	ppb
Iron	54-2	30596.81	31350.49	30874.08	30940.46	1.23	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:40:01	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	56.37	57.32	57.22	56.97	0.92	ppb
Lead	207-1	56.48	57.55	57.55	57.19	1.09	ppb
Lead	208-1	55.93	56.76	56.34	56.34	0.74	ppb
Lithium	6-1				83		%
Magnesium	24-2	6782.61	7037.86	6822.79	6881.08	1.99	ppb
Manganese	55-2	994.54	1025.49	1009.75	1009.92	1.53	ppb
Molybdenum	94-1	10.26	10.37	10.50	10.38	1.12	ppb
Molybdenum	95-1	0.35	0.35	0.32	0.34	4.80	ppb
Molybdenum	96-1	1.56	1.57	1.58	1.57	0.56	ppb
Molybdenum	97-1	0.33	0.32	0.35	0.33	3.73	ppb
Molybdenum	98-1	0.34	0.34	0.33	0.34	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	435.16	439.67	437.96	437.60	0.52	ppb
Phosphorus	31-2	713.91	724.20	731.27	723.13	1.21	ppb
Potassium	39-2	1551.90	1575.64	1584.95	1570.83	1.08	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	79.46	80.55	79.14	79.72	0.93	ppb
Selenium	77-2	82.24	84.46	81.20	82.64	2.02	ppb
Selenium	78-2	78.42	77.50	77.72	77.88	0.61	ppb
Silicon	28-1	413.32	416.12	407.59	412.34	1.05	ppb
Silver	107-1	30.52	30.93	31.00	30.82	0.84	ppb
Silver	109-1	30.50	30.78	31.28	30.85	1.28	ppb
Sodium	23-2	39.54	41.65	40.94	40.71	2.64	ppb
Strontium	86-1	28.55	28.50	28.34	28.46	0.38	ppb
Strontium	88-1	28.19	28.52	28.25	28.32	0.63	ppb
Sulfur	34-1	-1246.72	-1248.16	-1275.87	-1256.91		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	36.16	36.83	36.54	36.51	0.92	ppb
Thallium	205-1	34.84	35.72	35.91	35.49	1.61	ppb
Tin	118-1	0.90	0.89	0.91	0.90	1.34	ppb
Titanium	47-1	285.07	291.88	290.87	289.28	1.27	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:40:01	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.30	0.32	0.31	0.31	2.78	ppb
Vanadium	51-2	430.96	440.83	433.58	435.13	1.17	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	495.53	510.93	502.26	502.90	1.53	ppb
Zirconium	90-1	5.66	5.72	5.75	5.71	0.80	ppb
Zirconium	91-1	5.67	5.79	5.83	5.77	1.48	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:42:56	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9495.91	9620.49	9753.56	9623.32	1.34	ppb
Antimony	121-1	0.82	0.86	0.87	0.85	3.03	ppb
Arsenic	75-2	53.64	52.29	53.59	53.17	1.44	ppb
Barium	135-1	104.23	108.45	107.78	106.82	2.12	ppb
Barium	137-1	105.00	109.09	108.54	107.54	2.06	ppb
Beryllium	9-1	0.34	0.36	0.44	0.38	13.95	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.94	0.94	1.03	0.97	5.56	ppb
Cadmium	106-1	-0.84	-1.28	-1.36	-1.16		ppb
Cadmium	111-1	0.91	0.94	0.92	0.92	1.53	ppb
Calcium	43-1	1638.10	1733.40	1728.29	1699.93	3.15	ppb
Calcium	44-1	1490.92	1619.76	1591.89	1567.52	4.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.82	21.89	22.38	22.03	1.38	ppb
Cobalt	59-2	13.68	13.93	14.00	13.87	1.21	ppb
Copper	63-2	137.32	137.41	140.55	138.43	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	25884.25	26555.13	27341.09	26593.49	2.74	ppb
Iron	57-2	25989.26	26393.19	26798.33	26393.59	1.53	ppb
Iron	54-2	26425.06	26897.18	27164.63	26828.96	1.40	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:42:56	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.33	38.60	38.40	38.11	1.80	ppb
Lead	207-1	37.45	39.23	38.59	38.42	2.34	ppb
Lead	208-1	37.17	38.66	38.16	38.00	2.00	ppb
Lithium	6-1				85		%
Magnesium	24-2	4530.79	4594.47	4774.27	4633.17	2.73	ppb
Manganese	55-2	529.74	546.00	554.17	543.30	2.29	ppb
Molybdenum	94-1	6.28	6.59	6.49	6.45	2.44	ppb
Molybdenum	95-1	0.35	0.38	0.36	0.36	3.57	ppb
Molybdenum	96-1	1.12	1.18	1.19	1.16	3.08	ppb
Molybdenum	97-1	0.35	0.36	0.39	0.37	5.86	ppb
Molybdenum	98-1	0.36	0.37	0.36	0.36	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.17	22.35	23.05	22.52	2.08	ppb
Phosphorus	31-2	489.88	488.00	489.85	489.24	0.22	ppb
Potassium	39-2	1978.32	1983.91	2014.92	1992.38	0.99	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	-0.14	0.22	-0.12	-0.01		ppb
Selenium	77-2	5.81	4.72	6.08	5.53	12.98	ppb
Selenium	78-2	1.77	1.21	1.33	1.44	20.25	ppb
Silicon	28-1	362.48	380.29	382.21	374.99	2.90	ppb
Silver	107-1	0.28	0.28	0.28	0.28	0.66	ppb
Silver	109-1	0.27	0.28	0.26	0.27	2.67	ppb
Sodium	23-2	42.36	43.36	44.89	43.54	2.93	ppb
Strontium	86-1	16.43	17.02	17.19	16.88	2.37	ppb
Strontium	88-1	16.63	17.22	17.17	17.01	1.93	ppb
Sulfur	34-1	-1364.02	-1311.36	-1339.11	-1338.16		ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.13	0.12	0.13	2.62	ppb
Thallium	205-1	0.12	0.12	0.12	0.12	1.57	ppb
Tin	118-1	0.87	0.89	0.91	0.89	2.17	ppb
Titanium	47-1	265.48	282.75	282.35	276.86	3.56	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:42:56	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.33	0.32	0.32	2.10	ppb
Vanadium	51-2	47.96	47.84	49.18	48.33	1.53	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	104.13	105.14	106.44	105.24	1.10	ppb
Zirconium	90-1	3.36	3.52	3.51	3.46	2.59	ppb
Zirconium	91-1	3.40	3.51	3.54	3.48	2.18	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:46:05	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9646.80	9512.38	9646.92	9602.03	0.81	ppb
Antimony	121-1	0.83	0.85	0.84	0.84	0.98	ppb
Arsenic	75-2	51.97	52.35	51.76	52.03	0.58	ppb
Barium	135-1	108.03	110.44	109.53	109.33	1.11	ppb
Barium	137-1	108.34	111.53	110.27	110.05	1.46	ppb
Beryllium	9-1	0.33	0.33	0.39	0.35	10.00	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.06	0.92	1.18	1.05	12.52	ppb
Cadmium	106-1	-0.78	-0.77	-1.31	-0.96		ppb
Cadmium	111-1	0.92	0.99	0.95	0.95	3.67	ppb
Calcium	43-1	1692.57	1706.21	1706.60	1701.79	0.47	ppb
Calcium	44-1	1578.57	1614.27	1592.97	1595.27	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.98	22.08	22.27	22.11	0.66	ppb
Cobalt	59-2	13.63	13.78	13.77	13.72	0.61	ppb
Copper	63-2	127.78	126.36	125.51	126.55	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	26276.24	26166.49	26394.25	26278.99	0.43	ppb
Iron	57-2	26041.62	26347.06	26376.20	26254.96	0.71	ppb
Iron	54-2	26342.63	26646.99	26363.80	26451.14	0.64	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:46:05	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.89	38.43	37.82	38.05	0.87	ppb
Lead	207-1	37.82	38.94	38.03	38.26	1.55	ppb
Lead	208-1	37.69	38.49	37.84	38.01	1.12	ppb
Lithium	6-1				87		%
Magnesium	24-2	4591.89	4595.11	4642.03	4609.68	0.61	ppb
Manganese	55-2	541.46	541.93	541.44	541.61	0.05	ppb
Molybdenum	94-1	6.54	6.47	6.52	6.51	0.56	ppb
Molybdenum	95-1	0.37	0.38	0.39	0.38	2.85	ppb
Molybdenum	96-1	1.17	1.21	1.15	1.18	2.73	ppb
Molybdenum	97-1	0.36	0.39	0.39	0.38	4.12	ppb
Molybdenum	98-1	0.38	0.39	0.39	0.38	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.92	21.73	21.81	21.82	0.43	ppb
Phosphorus	31-2	485.38	494.76	488.89	489.68	0.97	ppb
Potassium	39-2	1993.02	2013.51	2019.02	2008.52	0.68	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	0.03	0.45	0.18	0.22	98.22	ppb
Selenium	77-2	6.00	3.97	4.88	4.95	20.57	ppb
Selenium	78-2	1.24	0.74	0.25	0.74	66.07	ppb
Silicon	28-1	379.12	380.95	380.86	380.31	0.27	ppb
Silver	107-1	0.26	0.28	0.27	0.27	3.74	ppb
Silver	109-1	0.27	0.28	0.26	0.27	2.58	ppb
Sodium	23-2	44.18	43.67	44.21	44.02	0.68	ppb
Strontium	86-1	17.08	17.01	16.98	17.02	0.31	ppb
Strontium	88-1	17.09	17.26	17.18	17.18	0.49	ppb
Sulfur	34-1	-1299.40	-1305.00	-1335.29	-1313.23		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.12	0.12	0.12	4.56	ppb
Thallium	205-1	0.12	0.12	0.12	0.12	0.56	ppb
Tin	118-1	0.87	0.90	0.89	0.88	1.66	ppb
Titanium	47-1	277.14	278.52	280.11	278.59	0.53	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:46:05	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.32	0.33	0.32	0.32	1.55	ppb
Vanadium	51-2	48.03	47.57	47.54	47.71	0.58	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	104.25	103.93	105.52	104.57	0.81	ppb
Zirconium	90-1	3.46	3.49	3.49	3.48	0.58	ppb
Zirconium	91-1	3.53	3.49	3.49	3.50	0.67	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 05:49:12	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1938.89	1948.65	1923.54	1937.02	0.65	ppb
Antimony	121-1	0.16	0.16	0.17	0.16	3.45	ppb
Arsenic	75-2	10.77	10.45	10.31	10.51	2.28	ppb
Barium	135-1	20.77	21.42	21.67	21.29	2.16	ppb
Barium	137-1	20.94	21.49	22.03	21.48	2.54	ppb
Beryllium	9-1	0.08	0.04	0.07	0.06	31.17	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.21	0.18	0.16	0.19	12.72	ppb
Cadmium	106-1	-2.25	-2.10	-1.95	-2.10		ppb
Cadmium	111-1	0.15	0.16	0.18	0.16	11.40	ppb
Calcium	43-1	321.08	346.12	349.16	338.79	4.55	ppb
Calcium	44-1	307.13	323.29	325.00	318.47	3.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.38	4.45	4.37	4.40	0.88	ppb
Cobalt	59-2	2.76	2.78	2.79	2.78	0.67	ppb
Copper	63-2	26.01	25.96	25.86	25.94	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	5198.74	5312.20	5216.73	5242.56	1.16	ppb
Iron	57-2	5431.71	5606.45	5467.08	5501.74	1.68	ppb
Iron	54-2	5322.41	5405.70	5458.84	5395.65	1.27	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 05:49:12	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.38	7.63	7.65	7.55	1.98	ppb
Lead	207-1	7.38	7.71	7.79	7.63	2.82	ppb
Lead	208-1	7.34	7.56	7.66	7.52	2.16	ppb
Lithium	6-1				86		%
Magnesium	24-2	905.30	917.14	909.60	910.68	0.66	ppb
Manganese	55-2	107.73	108.67	108.82	108.41	0.55	ppb
Molybdenum	94-1	1.23	1.33	1.31	1.29	3.98	ppb
Molybdenum	95-1	0.07	0.07	0.07	0.07	4.69	ppb
Molybdenum	96-1	0.22	0.25	0.23	0.23	6.26	ppb
Molybdenum	97-1	0.06	0.07	0.06	0.06	7.77	ppb
Molybdenum	98-1	0.08	0.07	0.07	0.07	6.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.48	4.40	4.40	4.43	0.97	ppb
Phosphorus	31-2	79.11	82.63	76.94	79.56	3.61	ppb
Potassium	39-2	422.43	429.43	424.67	425.51	0.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	-0.16	-0.08	-0.21	-0.15		ppb
Selenium	77-2	0.37	1.67	1.21	1.08	60.86	ppb
Selenium	78-2	-0.36	0.23	0.00	-0.04		ppb
Silicon	28-1	65.20	71.27	72.36	69.61	5.54	ppb
Silver	107-1	0.05	0.05	0.05	0.05	4.87	ppb
Silver	109-1	0.05	0.05	0.05	0.05	4.27	ppb
Sodium	23-2	13.53	13.43	13.02	13.33	2.02	ppb
Strontium	86-1	3.32	3.41	3.38	3.37	1.44	ppb
Strontium	88-1	3.31	3.44	3.47	3.41	2.52	ppb
Sulfur	34-1	-1297.83	-1241.69	-1253.88	-1264.47		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.03	0.03	1.39	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.95	ppb
Tin	118-1	0.20	0.17	0.16	0.18	9.23	ppb
Titanium	47-1	53.17	55.50	56.81	55.16	3.34	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 05:49:12	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.07	0.06	0.06	6.13	ppb
Vanadium	51-2	9.44	9.61	9.56	9.54	0.89	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	21.40	21.25	21.45	21.37	0.49	ppb
Zirconium	90-1	0.67	0.68	0.69	0.68	1.49	ppb
Zirconium	91-1	0.66	0.70	0.73	0.70	4.88	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:52:26	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9975.83	9964.97	9936.75	9959.19	0.20	ppb
Antimony	121-1	14.93	15.22	15.16	15.10	1.02	ppb
Arsenic	75-2	57.55	57.85	59.21	58.21	1.52	ppb
Barium	135-1	396.79	391.71	391.61	393.37	0.75	ppb
Barium	137-1	382.75	390.06	388.47	387.09	0.99	ppb
Beryllium	9-1	7.22	7.50	7.62	7.45	2.76	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.22	7.03	7.12	7.12	1.34	ppb
Cadmium	106-1	4.70	4.92	4.11	4.57	9.21	ppb
Cadmium	111-1	8.02	8.11	7.99	8.04	0.74	ppb
Calcium	43-1	1700.68	1714.63	1704.05	1706.46	0.43	ppb
Calcium	44-1	1617.34	1609.66	1622.18	1616.39	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.30	54.11	53.58	53.66	0.77	ppb
Cobalt	59-2	90.59	93.28	91.28	91.71	1.52	ppb
Copper	63-2	166.56	166.58	163.38	165.51	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	26630.74	27241.99	26718.19	26863.64	1.23	ppb
Iron	57-2	26664.08	27080.97	26736.72	26827.26	0.83	ppb
Iron	54-2	26879.29	27686.52	27216.76	27260.86	1.49	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:52:26	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.41	41.58	41.77	41.25	1.78	ppb
Lead	207-1	41.02	42.10	42.36	41.83	1.70	ppb
Lead	208-1	40.63	41.59	41.51	41.24	1.28	ppb
Lithium	6-1				88		%
Magnesium	24-2	4626.33	4691.44	4614.39	4644.05	0.89	ppb
Manganese	55-2	628.47	640.74	619.47	629.56	1.70	ppb
Molybdenum	94-1	6.30	6.49	6.47	6.42	1.60	ppb
Molybdenum	95-1	0.37	0.37	0.40	0.38	3.61	ppb
Molybdenum	96-1	1.16	1.15	1.22	1.18	3.35	ppb
Molybdenum	97-1	0.38	0.36	0.37	0.37	2.34	ppb
Molybdenum	98-1	0.36	0.37	0.38	0.37	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.68	102.13	100.64	101.15	0.84	ppb
Phosphorus	31-2	507.58	485.60	484.98	492.72	2.61	ppb
Potassium	39-2	1990.82	2050.28	2037.20	2026.10	1.54	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	15.09	15.65	14.97	15.24	2.38	ppb
Selenium	77-2	17.91	22.14	21.37	20.47	10.99	ppb
Selenium	78-2	14.49	17.44	15.79	15.91	9.30	ppb
Silicon	28-1	381.05	395.38	378.39	384.94	2.37	ppb
Silver	107-1	6.33	6.38	6.32	6.34	0.55	ppb
Silver	109-1	6.31	6.36	6.38	6.35	0.62	ppb
Sodium	23-2	40.68	41.73	41.20	41.20	1.26	ppb
Strontium	86-1	16.79	17.28	17.19	17.09	1.52	ppb
Strontium	88-1	16.96	17.30	17.33	17.20	1.21	ppb
Sulfur	34-1	-1280.41	-1292.43	-1336.37	-1303.07		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	7.31	7.53	7.46	7.44	1.52	ppb
Thallium	205-1	7.21	7.44	7.43	7.36	1.77	ppb
Tin	118-1	0.87	0.85	0.86	0.86	1.28	ppb
Titanium	47-1	278.02	280.26	278.18	278.82	0.45	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:52:26	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.32	0.32	0.33	0.32	1.74	ppb
Vanadium	51-2	124.44	124.98	123.04	124.16	0.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	180.82	185.74	182.54	183.03	1.36	ppb
Zirconium	90-1	3.42	3.48	3.50	3.46	1.13	ppb
Zirconium	91-1	3.40	3.52	3.54	3.49	2.20	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:55:30	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10719.33	10410.18	10763.00	10630.84	1.81	ppb
Antimony	121-1	68.58	69.13	67.75	68.49	1.02	ppb
Arsenic	75-2	76.97	79.18	79.08	78.41	1.59	ppb
Barium	135-1	1474.88	1483.33	1430.48	1462.90	1.94	ppb
Barium	137-1	1476.96	1493.26	1450.23	1473.49	1.47	ppb
Beryllium	9-1	33.92	34.98	35.14	34.68	1.92	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.83	31.31	30.82	31.32	1.62	ppb
Cadmium	106-1	28.95	29.48	27.16	28.53	4.27	ppb
Cadmium	111-1	35.15	35.64	34.21	35.00	2.07	ppb
Calcium	43-1	1629.36	1677.44	1656.39	1654.39	1.46	ppb
Calcium	44-1	1600.23	1637.05	1637.63	1624.97	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	173.50	165.91	173.92	171.11	2.64	ppb
Cobalt	59-2	395.38	389.52	398.08	394.32	1.11	ppb
Copper	63-2	304.72	306.59	310.38	307.23	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	26240.83	25805.70	26311.01	26119.18	1.05	ppb
Iron	57-2	26793.52	25978.41	26542.36	26438.10	1.58	ppb
Iron	54-2	26876.54	26193.59	26990.07	26686.73	1.61	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:55:30	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.75	51.09	51.30	51.05	0.55	ppb
Lead	207-1	50.34	51.11	51.16	50.87	0.90	ppb
Lead	208-1	49.73	50.21	50.61	50.18	0.87	ppb
Lithium	6-1				85		%
Magnesium	24-2	4473.61	4373.96	4549.37	4465.65	1.97	ppb
Manganese	55-2	875.82	862.74	883.16	873.91	1.18	ppb
Molybdenum	94-1	6.15	6.48	6.24	6.29	2.71	ppb
Molybdenum	95-1	0.38	0.38	0.36	0.37	3.57	ppb
Molybdenum	96-1	1.14	1.13	1.10	1.12	1.94	ppb
Molybdenum	97-1	0.36	0.36	0.38	0.37	2.88	ppb
Molybdenum	98-1	0.36	0.37	0.36	0.36	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	407.99	403.63	408.53	406.72	0.66	ppb
Phosphorus	31-2	459.59	459.73	465.43	461.58	0.72	ppb
Potassium	39-2	1940.76	1890.89	1959.79	1930.48	1.84	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	75.29	75.53	75.12	75.31	0.27	ppb
Selenium	77-2	78.64	76.44	80.32	78.47	2.48	ppb
Selenium	78-2	73.96	75.28	76.86	75.37	1.93	ppb
Silicon	28-1	359.03	375.61	366.89	367.18	2.26	ppb
Silver	107-1	29.95	30.26	29.26	29.82	1.72	ppb
Silver	109-1	29.70	30.02	29.35	29.69	1.13	ppb
Sodium	23-2	40.85	39.12	41.02	40.33	2.60	ppb
Strontium	86-1	16.07	16.49	16.13	16.23	1.41	ppb
Strontium	88-1	16.30	16.44	16.42	16.38	0.45	ppb
Sulfur	34-1	-1300.27	-1323.20	-1356.38	-1326.62		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	34.82	35.15	35.38	35.12	0.80	ppb
Thallium	205-1	33.36	33.94	34.12	33.81	1.17	ppb
Tin	118-1	0.82	0.87	0.82	0.84	3.14	ppb
Titanium	47-1	264.41	273.82	271.22	269.82	1.80	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:55:30	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.31	0.31	0.31	0.65	ppb
Vanadium	51-2	410.77	395.97	411.56	406.10	2.16	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	476.31	466.28	476.48	473.03	1.23	ppb
Zirconium	90-1	3.32	3.35	3.32	3.33	0.46	ppb
Zirconium	91-1	3.36	3.42	3.36	3.38	0.94	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE4Y8	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 05:58:30	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19709.48	19922.71	19978.49	19870.23	0.71	ppb
Antimony	121-1	1.51	1.57	1.57	1.55	2.34	ppb
Arsenic	75-2	75.83	76.14	76.75	76.24	0.61	ppb
Barium	135-1	243.73	257.89	256.67	252.76	3.10	ppb
Barium	137-1	244.59	259.95	257.44	253.99	3.24	ppb
Beryllium	9-1	0.60	0.73	0.69	0.67	9.95	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.78	2.14	2.13	2.02	10.04	ppb
Cadmium	106-1	0.60	-0.01	-0.67	-0.02		ppb
Cadmium	111-1	1.91	1.96	1.97	1.95	1.78	ppb
Calcium	43-1	3748.43	3879.56	3952.05	3860.01	2.67	ppb
Calcium	44-1	3515.56	3659.97	3718.18	3631.24	2.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.85	47.99	47.23	47.36	1.22	ppb
Cobalt	59-2	28.05	28.64	28.71	28.47	1.27	ppb
Copper	63-2	253.71	255.64	261.65	257.00	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	54115.17	54884.90	53973.76	54324.61	0.90	ppb
Iron	57-2	54180.23	55098.23	54785.51	54687.99	0.85	ppb
Iron	54-2	53994.55	55532.32	54743.99	54756.95	1.40	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE4Y8	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 05:58:30	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.79	63.66	64.43	62.96	3.04	ppb
Lead	207-1	61.13	64.06	64.78	63.33	3.06	ppb
Lead	208-1	59.94	62.85	63.22	62.00	2.90	ppb
Lithium	6-1				86		%
Magnesium	24-2	10141.29	10360.80	10385.08	10295.72	1.30	ppb
Manganese	55-2	1136.00	1184.21	1149.86	1156.69	2.15	ppb
Molybdenum	94-1	14.00	14.72	14.92	14.55	3.34	ppb
Molybdenum	95-1	0.67	0.67	0.71	0.68	3.79	ppb
Molybdenum	96-1	2.40	2.51	2.51	2.47	2.55	ppb
Molybdenum	97-1	0.64	0.70	0.73	0.69	6.04	ppb
Molybdenum	98-1	0.67	0.68	0.70	0.68	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.06	49.65	48.74	49.15	0.94	ppb
Phosphorus	31-2	967.97	1009.13	1004.85	993.98	2.28	ppb
Potassium	39-2	3996.07	4088.32	4061.66	4048.69	1.17	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	-0.06	-0.02	0.37	0.10	246.42	ppb
Selenium	77-2	9.16	8.40	8.74	8.77	4.36	ppb
Selenium	78-2	2.37	2.57	2.92	2.62	10.48	ppb
Silicon	28-1	721.80	744.56	755.51	740.62	2.32	ppb
Silver	107-1	0.48	0.48	0.48	0.48	0.53	ppb
Silver	109-1	0.46	0.48	0.47	0.47	2.41	ppb
Sodium	23-2	75.65	77.75	76.04	76.48	1.46	ppb
Strontium	86-1	42.53	44.24	45.02	43.93	2.90	ppb
Strontium	88-1	42.69	44.62	44.72	44.01	2.61	ppb
Sulfur	34-1	-1320.57	-1353.36	-1310.66	-1328.20		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	0.24	0.27	0.27	0.26	6.77	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	0.90	ppb
Tin	118-1	1.33	1.39	1.39	1.37	2.68	ppb
Titanium	47-1	582.53	606.26	605.45	598.08	2.25	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE4Y8	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 05:58:30	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.70	0.72	0.70	3.42	ppb
Vanadium	51-2	98.17	99.62	99.10	98.96	0.74	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	194.01	198.30	196.59	196.30	1.10	ppb
Zirconium	90-1	7.56	7.96	8.07	7.86	3.43	ppb
Zirconium	91-1	7.69	8.05	8.04	7.93	2.55	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE5B4	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 06:01:32	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14877.00	15430.43	15267.48	15191.63	1.87	ppb
Antimony	121-1	1.93	1.90	1.90	1.91	0.86	ppb
Arsenic	75-2	79.01	79.07	78.55	78.88	0.37	ppb
Barium	135-1	579.33	566.85	573.60	573.26	1.09	ppb
Barium	137-1	570.67	566.32	566.59	567.86	0.43	ppb
Beryllium	9-1	0.76	0.84	0.85	0.82	6.04	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.14	2.10	2.19	2.14	2.28	ppb
Cadmium	106-1	0.64	-0.68	-0.05	-0.03		ppb
Cadmium	111-1	2.36	2.29	2.31	2.32	1.70	ppb
Calcium	43-1	2549.50	2498.64	2519.80	2522.65	1.01	ppb
Calcium	44-1	2369.45	2387.50	2377.49	2378.14	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.41	47.71	46.81	46.98	1.41	ppb
Cobalt	59-2	44.54	46.08	45.35	45.32	1.69	ppb
Copper	63-2	282.50	290.67	284.72	285.96	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	64716.61	66667.26	64954.01	65445.96	1.63	ppb
Iron	57-2	64548.41	67301.01	65293.08	65714.17	2.17	ppb
Iron	54-2	65311.41	67821.70	65733.59	66288.90	2.03	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE5B4	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 06:01:32	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	93.44	91.69	92.21	92.45	0.97	ppb
Lead	207-1	93.54	93.36	93.78	93.56	0.22	ppb
Lead	208-1	91.78	91.16	91.95	91.63	0.45	ppb
Lithium	6-1				82		%
Magnesium	24-2	5942.70	6082.63	5937.81	5987.71	1.37	ppb
Manganese	55-2	5476.58	5684.32	5532.85	5564.58	1.93	ppb
Molybdenum	94-1	9.62	9.45	9.55	9.54	0.87	ppb
Molybdenum	95-1	1.19	1.18	1.17	1.18	0.78	ppb
Molybdenum	96-1	2.38	2.39	2.30	2.36	2.22	ppb
Molybdenum	97-1	1.09	1.13	1.08	1.10	2.59	ppb
Molybdenum	98-1	1.13	1.12	1.08	1.11	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.27	41.65	41.41	41.11	1.80	ppb
Phosphorus	31-2	983.21	1020.22	1008.65	1004.02	1.89	ppb
Potassium	39-2	3563.36	3668.85	3550.16	3594.13	1.81	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.48	0.49	0.40	0.46	10.65	ppb
Selenium	77-2	8.57	9.79	8.14	8.84	9.71	ppb
Selenium	78-2	1.56	0.94	2.54	1.68	48.04	ppb
Silicon	28-1	756.90	754.76	749.58	753.74	0.50	ppb
Silver	107-1	0.71	0.71	0.72	0.71	0.70	ppb
Silver	109-1	0.72	0.71	0.70	0.71	1.44	ppb
Sodium	23-2	72.75	76.41	74.32	74.49	2.46	ppb
Strontium	86-1	37.19	36.42	36.42	36.68	1.21	ppb
Strontium	88-1	37.11	36.65	36.26	36.67	1.16	ppb
Sulfur	34-1	-1223.03	-1308.06	-1308.14	-1279.74		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.30	0.29	0.30	0.30	1.68	ppb
Thallium	205-1	0.30	0.30	0.30	0.30	0.25	ppb
Tin	118-1	1.60	1.54	1.58	1.57	1.93	ppb
Titanium	47-1	615.83	601.24	592.31	603.13	1.97	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE5B4	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 06:01:32	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.74	0.74	0.75	1.40	ppb
Vanadium	51-2	110.37	114.55	111.23	112.05	1.97	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	200.00	208.18	202.77	203.65	2.04	ppb
Zirconium	90-1	4.84	4.80	4.79	4.81	0.57	ppb
Zirconium	91-1	4.92	4.91	4.89	4.91	0.32	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:04:36	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6881.80	6768.44	6837.19	6829.14	0.84	ppb
Antimony	121-1	0.79	0.80	0.82	0.80	1.55	ppb
Arsenic	75-2	45.21	44.79	45.66	45.22	0.96	ppb
Barium	135-1	169.72	168.15	171.12	169.66	0.88	ppb
Barium	137-1	169.64	168.68	170.26	169.53	0.47	ppb
Beryllium	9-1	0.31	0.35	0.33	0.33	6.20	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.93	1.02	0.89	0.95	6.99	ppb
Cadmium	106-1	-1.79	-1.99	-1.49	-1.76		ppb
Cadmium	111-1	0.97	0.89	0.92	0.93	4.03	ppb
Calcium	43-1	2184.57	2189.99	2172.97	2182.51	0.40	ppb
Calcium	44-1	2028.98	2060.58	2026.16	2038.58	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.34	21.69	22.42	22.15	1.82	ppb
Cobalt	59-2	14.49	14.13	14.45	14.36	1.39	ppb
Copper	63-2	112.14	109.62	111.88	111.21	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	26024.06	25450.82	25695.86	25723.58	1.12	ppb
Iron	57-2	25820.09	25196.75	25759.45	25592.10	1.34	ppb
Iron	54-2	26099.71	25185.58	26039.16	25774.82	1.98	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:04:36	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.16	45.14	45.83	45.38	0.87	ppb
Lead	207-1	45.60	46.30	46.13	46.01	0.80	ppb
Lead	208-1	44.48	45.59	45.55	45.21	1.39	ppb
Lithium	6-1				84		%
Magnesium	24-2	3527.73	3467.86	3512.00	3502.53	0.89	ppb
Manganese	55-2	1459.70	1418.00	1451.03	1442.91	1.53	ppb
Molybdenum	94-1	4.69	4.70	4.72	4.70	0.29	ppb
Molybdenum	95-1	0.55	0.54	0.57	0.56	2.26	ppb
Molybdenum	96-1	1.15	1.15	1.14	1.15	0.75	ppb
Molybdenum	97-1	0.57	0.53	0.55	0.55	3.82	ppb
Molybdenum	98-1	0.55	0.53	0.55	0.54	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.66	22.74	23.38	23.26	2.03	ppb
Phosphorus	31-2	466.24	453.06	455.97	458.43	1.51	ppb
Potassium	39-2	1542.26	1533.34	1531.83	1535.81	0.37	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.10	0.06	0.15	0.10	44.15	ppb
Selenium	77-2	2.37	3.71	3.82	3.30	24.56	ppb
Selenium	78-2	0.19	0.59	1.20	0.66	76.73	ppb
Silicon	28-1	502.53	495.15	502.38	500.02	0.84	ppb
Silver	107-1	0.16	0.15	0.15	0.15	3.44	ppb
Silver	109-1	0.15	0.16	0.16	0.15	2.11	ppb
Sodium	23-2	38.54	36.86	38.06	37.82	2.29	ppb
Strontium	86-1	16.47	16.81	16.41	16.57	1.31	ppb
Strontium	88-1	16.60	16.78	16.68	16.69	0.55	ppb
Sulfur	34-1	-1264.34	-1323.74	-1325.95	-1304.67		ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.12	0.12	0.13	5.97	ppb
Thallium	205-1	0.13	0.12	0.13	0.13	2.59	ppb
Tin	118-1	0.70	0.70	0.74	0.71	3.34	ppb
Titanium	47-1	221.86	220.73	221.75	221.45	0.28	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:04:36	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.26	0.27	0.26	1.94	ppb
Vanadium	51-2	47.54	46.49	46.94	46.99	1.12	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	99.11	98.15	99.07	98.78	0.55	ppb
Zirconium	90-1	2.34	2.41	2.39	2.38	1.48	ppb
Zirconium	91-1	2.36	2.34	2.44	2.38	2.19	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:07:43	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7030.66	7014.26	6878.26	6974.40	1.20	ppb
Antimony	121-1	0.83	0.82	0.85	0.84	1.99	ppb
Arsenic	75-2	46.40	47.13	46.22	46.58	1.03	ppb
Barium	135-1	171.25	167.70	171.53	170.16	1.26	ppb
Barium	137-1	172.15	170.36	172.18	171.56	0.61	ppb
Beryllium	9-1	0.32	0.34	0.37	0.34	6.76	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	1.04	1.06	1.03	3.48	ppb
Cadmium	106-1	-1.18	-1.87	-1.54	-1.53		ppb
Cadmium	111-1	0.98	0.89	0.90	0.93	5.21	ppb
Calcium	43-1	2233.55	2222.78	2261.36	2239.23	0.89	ppb
Calcium	44-1	2056.64	2088.06	2095.83	2080.17	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.07	23.11	22.63	22.94	1.17	ppb
Cobalt	59-2	14.54	14.54	14.30	14.46	0.94	ppb
Copper	63-2	113.80	114.62	111.52	113.31	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	26188.37	26466.74	25853.85	26169.66	1.17	ppb
Iron	57-2	26177.19	26186.10	25543.87	25969.06	1.42	ppb
Iron	54-2	26485.76	26457.14	25838.31	26260.40	1.39	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:07:43	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.63	45.61	45.59	45.61	0.04	ppb
Lead	207-1	46.44	45.57	46.09	46.03	0.95	ppb
Lead	208-1	45.94	45.08	45.64	45.55	0.95	ppb
Lithium	6-1				83		%
Magnesium	24-2	3603.45	3551.27	3495.06	3549.92	1.53	ppb
Manganese	55-2	1429.32	1442.45	1412.49	1428.09	1.05	ppb
Molybdenum	94-1	4.71	4.70	4.70	4.71	0.15	ppb
Molybdenum	95-1	0.54	0.54	0.57	0.55	2.87	ppb
Molybdenum	96-1	1.15	1.14	1.13	1.14	1.20	ppb
Molybdenum	97-1	0.51	0.53	0.52	0.52	1.91	ppb
Molybdenum	98-1	0.54	0.54	0.53	0.54	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.43	23.47	23.00	23.30	1.12	ppb
Phosphorus	31-2	469.00	450.77	442.95	454.24	2.94	ppb
Potassium	39-2	1610.24	1596.37	1580.44	1595.68	0.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.19	0.31	0.00	0.17	93.54	ppb
Selenium	77-2	3.99	2.92	4.09	3.67	17.63	ppb
Selenium	78-2	0.26	0.64	0.76	0.55	46.58	ppb
Silicon	28-1	512.71	513.77	517.33	514.60	0.47	ppb
Silver	107-1	0.16	0.15	0.16	0.16	2.75	ppb
Silver	109-1	0.15	0.15	0.15	0.15	2.00	ppb
Sodium	23-2	37.32	36.83	36.29	36.81	1.39	ppb
Strontium	86-1	16.67	16.85	16.53	16.68	0.97	ppb
Strontium	88-1	16.98	16.93	16.84	16.92	0.40	ppb
Sulfur	34-1	-1292.20	-1299.68	-1295.43	-1295.77		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.13	0.13	0.13	0.13	2.01	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	2.12	ppb
Tin	118-1	0.73	0.70	0.71	0.71	2.08	ppb
Titanium	47-1	224.90	229.32	229.39	227.87	1.13	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:07:43	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.27	0.26	0.27	1.83	ppb
Vanadium	51-2	48.41	48.40	47.39	48.07	1.22	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	102.30	101.24	99.16	100.90	1.58	ppb
Zirconium	90-1	2.38	2.43	2.39	2.40	1.01	ppb
Zirconium	91-1	2.43	2.41	2.44	2.43	0.63	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5B7L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 06:10:53	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1370.15	1355.17	1354.05	1359.79	0.66	ppb
Antimony	121-1	0.15	0.17	0.15	0.16	4.27	ppb
Arsenic	75-2	8.81	8.70	8.92	8.81	1.24	ppb
Barium	135-1	33.40	33.42	33.63	33.48	0.38	ppb
Barium	137-1	33.47	33.84	33.76	33.69	0.58	ppb
Beryllium	9-1	0.05	0.06	0.05	0.05	9.76	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.25	0.16	0.17	0.19	25.52	ppb
Cadmium	106-1	-2.05	-2.07	-2.41	-2.18		ppb
Cadmium	111-1	0.17	0.15	0.15	0.16	8.22	ppb
Calcium	43-1	444.31	433.49	435.15	437.65	1.33	ppb
Calcium	44-1	422.13	412.92	418.71	417.92	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.41	4.28	4.32	4.34	1.56	ppb
Cobalt	59-2	2.84	2.84	2.88	2.85	0.81	ppb
Copper	63-2	22.12	22.20	22.12	22.15	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	5077.73	5033.37	5126.77	5079.29	0.92	ppb
Iron	57-2	5322.69	5280.77	5295.46	5299.64	0.40	ppb
Iron	54-2	5164.09	5159.48	5048.31	5123.96	1.28	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5B7L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 06:10:53	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.88	8.78	8.86	8.84	0.65	ppb
Lead	207-1	9.01	8.82	9.04	8.95	1.33	ppb
Lead	208-1	8.87	8.76	8.93	8.85	0.98	ppb
Lithium	6-1				83		%
Magnesium	24-2	689.45	683.16	676.29	682.97	0.96	ppb
Manganese	55-2	287.97	287.77	288.68	288.14	0.17	ppb
Molybdenum	94-1	0.91	0.94	0.91	0.92	1.63	ppb
Molybdenum	95-1	0.11	0.11	0.11	0.11	0.35	ppb
Molybdenum	96-1	0.23	0.23	0.22	0.22	3.66	ppb
Molybdenum	97-1	0.11	0.11	0.10	0.10	4.50	ppb
Molybdenum	98-1	0.11	0.11	0.10	0.10	5.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.76	4.62	4.70	4.69	1.47	ppb
Phosphorus	31-2	76.40	78.44	80.13	78.32	2.38	ppb
Potassium	39-2	325.58	323.73	326.93	325.41	0.49	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	-0.04	-0.01	0.02	-0.01		ppb
Selenium	77-2	0.79	0.62	0.46	0.62	26.39	ppb
Selenium	78-2	0.27	0.99	0.11	0.46	101.46	ppb
Silicon	28-1	96.38	94.28	92.13	94.26	2.25	ppb
Silver	107-1	0.02	0.03	0.03	0.03	8.24	ppb
Silver	109-1	0.03	0.03	0.03	0.03	0.94	ppb
Sodium	23-2	11.96	12.54	11.74	12.08	3.40	ppb
Strontium	86-1	3.22	3.31	3.28	3.27	1.37	ppb
Strontium	88-1	3.34	3.32	3.29	3.32	0.76	ppb
Sulfur	34-1	-1270.46	-1295.29	-1315.01	-1293.59		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.03	0.03	2.90	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	6.42	ppb
Tin	118-1	0.13	0.14	0.12	0.13	5.42	ppb
Titanium	47-1	44.54	43.73	43.78	44.01	1.03	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5B7L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 06:10:53	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	2.31	ppb
Vanadium	51-2	9.31	9.33	9.18	9.27	0.85	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	20.03	19.70	19.90	19.88	0.84	ppb
Zirconium	90-1	0.45	0.45	0.47	0.46	2.35	ppb
Zirconium	91-1	0.47	0.44	0.48	0.46	3.75	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:14:04	DataFile Name :	138CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50932.60	50792.50	50699.83	50808.31	0.23	ppb
Antimony	121-1	471.25	478.81	481.27	477.11	1.09	ppb
Arsenic	75-2	521.24	520.03	519.57	520.28	0.17	ppb
Barium	135-1	2358.05	2364.23	2411.11	2377.80	1.22	ppb
Barium	137-1	2323.74	2413.70	2409.30	2382.25	2.13	ppb
Beryllium	9-1	459.04	469.61	493.42	474.02	3.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	475.39	483.75	493.07	484.07	1.83	ppb
Cadmium	106-1	472.70	485.85	485.81	481.45	1.57	ppb
Cadmium	111-1	478.86	490.69	492.09	487.21	1.49	ppb
Calcium	43-1	206602.69	215610.58	218582.05	213598.44	2.92	ppb
Calcium	44-1	217276.64	226839.50	230895.27	225003.80	3.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.93	503.78	509.24	506.65	0.54	ppb
Cobalt	59-2	544.24	537.35	545.80	542.46	0.83	ppb
Copper	63-2	5255.97	5212.76	5266.60	5245.11	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	129192.49	128106.83	128261.40	128520.24	0.46	ppb
Iron	57-2	129833.09	129543.71	131094.34	130157.04	0.63	ppb
Iron	54-2	128608.92	128723.85	129240.32	128857.70	0.26	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:14:04	DataFile Name :	138CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2436.15	2498.10	2513.82	2482.69	1.65	ppb
Lead	207-1	2445.35	2493.49	2501.37	2480.07	1.22	ppb
Lead	208-1	2433.35	2484.37	2507.42	2475.05	1.53	ppb
Lithium	6-1				89		%
Magnesium	24-2	269355.13	271609.18	270205.27	270389.86	0.42	ppb
Manganese	55-2	5055.74	5043.51	5038.60	5045.95	0.17	ppb
Molybdenum	94-1	4772.30	5022.42	4951.61	4915.44	2.62	ppb
Molybdenum	95-1	4756.38	5046.55	4941.40	4914.78	2.99	ppb
Molybdenum	96-1	4793.94	5009.16	4929.21	4910.77	2.22	ppb
Molybdenum	97-1	4807.59	5018.94	4892.22	4906.25	2.17	ppb
Molybdenum	98-1	4799.28	5025.83	4941.41	4922.17	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.79	531.60	538.73	534.70	0.68	ppb
Phosphorus	31-2	9965.45	10036.63	9997.76	9999.95	0.36	ppb
Potassium	39-2	122608.84	123387.06	124210.67	123402.19	0.65	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	484.43	509.44	505.67	499.84	2.70	ppb
Selenium	77-2	500.76	501.02	493.21	498.33	0.89	ppb
Selenium	78-2	500.34	512.79	506.13	506.42	1.23	ppb
Silicon	28-1	152.53	162.21	165.89	160.21	4.31	ppb
Silver	107-1	479.08	479.52	486.94	481.84	0.92	ppb
Silver	109-1	467.36	482.60	484.08	478.01	1.94	ppb
Sodium	23-2	246881.68	251562.48	252728.76	250390.97	1.24	ppb
Strontium	86-1	509.91	538.17	531.70	526.59	2.81	ppb
Strontium	88-1	516.17	533.76	538.00	529.31	2.19	ppb
Sulfur	34-1	9170.62	9814.54	9963.95	9649.70	4.37	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	483.80	496.58	491.07	490.48	1.31	ppb
Thallium	205-1	487.08	496.75	502.16	495.33	1.54	ppb
Tin	118-1	465.41	481.15	476.94	474.50	1.72	ppb
Titanium	47-1	4701.26	4888.92	4952.25	4847.48	2.69	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:14:04	DataFile Name :	138CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	489.54	513.71	509.99	504.41	2.58	ppb
Vanadium	51-2	515.86	514.23	515.41	515.17	0.16	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	5163.42	5216.71	5220.56	5200.23	0.61	ppb
Zirconium	90-1	481.44	507.14	500.51	496.36	2.69	ppb
Zirconium	91-1	477.03	507.86	502.33	495.74	3.32	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:16:47	DataFile Name :	139CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	0.13	0.11	0.12	9.49	ppb
Antimony	121-1	0.16	0.21	0.30	0.22	32.12	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	355.40	ppb
Barium	135-1	0.12	0.07	0.04	0.08	50.51	ppb
Barium	137-1	0.12	0.06	0.03	0.07	67.02	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	44.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.01	0.04	0.03	56.12	ppb
Cadmium	106-1	-0.23	-1.55	-1.04	-0.94		ppb
Cadmium	111-1	0.03	0.00	0.01	0.01	107.11	ppb
Calcium	43-1	8.21	3.27	0.30	3.93	101.63	ppb
Calcium	44-1	0.35	-5.03	-8.25	-4.31		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	46.47	ppb
Copper	63-2	0.07	0.07	0.07	0.07	5.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	0.72	0.48	0.33	0.51	38.47	ppb
Iron	57-2	-0.38	0.04	0.29	-0.02		ppb
Iron	54-2	0.29	-0.11	-0.01	0.05	400.66	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:16:47	DataFile Name :	139CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.09	0.05	0.10	50.54	ppb
Lead	207-1	0.15	0.09	0.06	0.10	44.61	ppb
Lead	208-1	0.15	0.09	0.06	0.10	48.95	ppb
Lithium	6-1				93		%
Magnesium	24-2	4.06	3.25	2.91	3.40	17.35	ppb
Manganese	55-2	-0.10	-0.11	-0.10	-0.10		ppb
Molybdenum	94-1	0.39	0.31	0.32	0.34	12.80	ppb
Molybdenum	95-1	0.30	0.22	0.19	0.24	24.61	ppb
Molybdenum	96-1	0.30	0.22	0.21	0.24	21.00	ppb
Molybdenum	97-1	0.31	0.23	0.21	0.25	20.80	ppb
Molybdenum	98-1	0.30	0.22	0.19	0.24	25.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-17.22	-19.62	-18.20	-18.35		ppb
Potassium	39-2	9.55	10.04	9.56	9.71	2.87	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	-0.18	-0.06	0.00	-0.08		ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	0.67	0.65	-0.70	0.21	374.44	ppb
Silicon	28-1	-7.19	-6.52	-7.26	-6.99		ppb
Silver	107-1	0.04	0.02	0.02	0.03	37.36	ppb
Silver	109-1	0.04	0.02	0.02	0.03	35.59	ppb
Sodium	23-2	8.35	8.01	7.28	7.88	6.91	ppb
Strontium	86-1	0.02	0.00	-0.01	0.00	359.99	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	66.20	ppb
Sulfur	34-1	-548.69	-547.44	-570.57	-555.57		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.07	0.06	0.08	16.38	ppb
Thallium	205-1	0.09	0.07	0.06	0.08	19.03	ppb
Tin	118-1	-0.01	0.01	-0.02	0.00		ppb
Titanium	47-1	0.26	0.13	0.07	0.15	65.09	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:16:47	DataFile Name :	139CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	50.69	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	99.68	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	0.09	0.05	0.08	0.07	24.77	ppb
Zirconium	90-1	0.06	0.06	0.07	0.07	11.03	ppb
Zirconium	91-1	0.07	0.06	0.08	0.07	15.86	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:20:02	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7112.24	6839.70	7047.28	6999.74	2.03	ppb
Antimony	121-1	13.95	14.50	14.54	14.33	2.32	ppb
Arsenic	75-2	49.89	48.28	50.35	49.51	2.20	ppb
Barium	135-1	436.20	452.51	448.57	445.76	1.91	ppb
Barium	137-1	432.75	448.88	451.34	444.32	2.27	ppb
Beryllium	9-1	6.92	7.13	7.11	7.05	1.61	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.88	6.79	6.83	6.83	0.66	ppb
Cadmium	106-1	6.21	6.19	5.76	6.05	4.15	ppb
Cadmium	111-1	7.55	7.83	7.70	7.69	1.79	ppb
Calcium	43-1	2096.80	2191.96	2198.25	2162.34	2.63	ppb
Calcium	44-1	2012.09	2053.86	2087.39	2051.11	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.39	51.06	50.86	51.10	0.52	ppb
Cobalt	59-2	87.79	86.68	87.71	87.39	0.71	ppb
Copper	63-2	143.88	140.37	144.09	142.78	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	25502.35	25553.08	25581.92	25545.79	0.16	ppb
Iron	57-2	25561.30	25495.81	25051.93	25369.68	1.09	ppb
Iron	54-2	25698.26	25634.17	25523.10	25618.51	0.35	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:20:02	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	46.75	47.91	47.99	47.55	1.46	ppb
Lead	207-1	47.13	48.45	48.59	48.05	1.68	ppb
Lead	208-1	46.74	47.96	47.50	47.40	1.31	ppb
Lithium	6-1				91		%
Magnesium	24-2	3426.74	3367.46	3443.85	3412.68	1.17	ppb
Manganese	55-2	1494.32	1500.11	1490.90	1495.11	0.31	ppb
Molybdenum	94-1	4.67	4.90	4.99	4.85	3.41	ppb
Molybdenum	95-1	0.56	0.57	0.58	0.57	1.17	ppb
Molybdenum	96-1	1.14	1.18	1.21	1.17	3.05	ppb
Molybdenum	97-1	0.52	0.56	0.57	0.55	5.06	ppb
Molybdenum	98-1	0.56	0.56	0.56	0.56	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.38	95.95	96.98	96.44	0.54	ppb
Phosphorus	31-2	446.20	452.71	462.37	453.76	1.79	ppb
Potassium	39-2	1575.42	1560.65	1536.37	1557.48	1.27	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	15.94	15.69	15.33	15.65	1.93	ppb
Selenium	77-2	16.77	17.41	19.74	17.97	8.71	ppb
Selenium	78-2	17.89	14.65	16.86	16.46	10.06	ppb
Silicon	28-1	489.05	504.47	498.37	497.30	1.56	ppb
Silver	107-1	5.98	6.23	6.23	6.15	2.33	ppb
Silver	109-1	5.95	6.17	6.18	6.10	2.13	ppb
Sodium	23-2	42.49	41.13	43.85	42.49	3.21	ppb
Strontium	86-1	16.17	16.52	16.43	16.37	1.13	ppb
Strontium	88-1	16.22	16.88	16.67	16.59	2.01	ppb
Sulfur	34-1	-721.08	-720.31	-797.03	-746.14		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	6.73	6.96	6.95	6.88	1.83	ppb
Thallium	205-1	6.70	6.83	6.92	6.82	1.59	ppb
Tin	118-1	0.71	0.72	0.75	0.73	3.02	ppb
Titanium	47-1	212.29	220.23	218.82	217.11	1.95	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:20:02	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.27	0.27	0.26	1.54	ppb
Vanadium	51-2	118.42	117.28	116.75	117.49	0.73	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	167.73	168.01	171.56	169.10	1.26	ppb
Zirconium	90-1	2.40	2.51	2.55	2.49	3.06	ppb
Zirconium	91-1	2.49	2.53	2.57	2.53	1.55	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:23:08	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8432.07	8059.88	8287.02	8259.66	2.27	ppb
Antimony	121-1	69.95	70.07	70.42	70.14	0.35	ppb
Arsenic	75-2	73.59	72.44	73.03	73.02	0.78	ppb
Barium	135-1	1576.02	1588.19	1605.06	1589.76	0.92	ppb
Barium	137-1	1563.77	1609.49	1609.70	1594.32	1.66	ppb
Beryllium	9-1	33.87	34.60	34.37	34.28	1.08	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.85	32.41	32.78	32.34	1.45	ppb
Cadmium	106-1	29.27	30.08	29.76	29.70	1.36	ppb
Cadmium	111-1	34.94	35.69	36.23	35.62	1.82	ppb
Calcium	43-1	2196.39	2221.56	2263.18	2227.04	1.51	ppb
Calcium	44-1	2138.98	2190.55	2167.99	2165.84	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172.79	170.73	174.87	172.80	1.20	ppb
Cobalt	59-2	400.76	384.33	397.79	394.29	2.22	ppb
Copper	63-2	301.02	286.51	293.41	293.65	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	27144.51	26007.09	26872.33	26674.64	2.23	ppb
Iron	57-2	27393.93	26124.74	26439.43	26652.70	2.48	ppb
Iron	54-2	27178.43	26376.23	26812.57	26789.08	1.50	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:23:08	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.25	60.28	60.41	60.32	0.14	ppb
Lead	207-1	60.15	60.12	60.62	60.30	0.46	ppb
Lead	208-1	59.09	59.70	59.29	59.36	0.52	ppb
Lithium	6-1				88		%
Magnesium	24-2	3532.78	3427.71	3546.70	3502.40	1.86	ppb
Manganese	55-2	1831.87	1782.06	1811.80	1808.58	1.39	ppb
Molybdenum	94-1	4.64	4.74	4.85	4.74	2.25	ppb
Molybdenum	95-1	0.57	0.59	0.58	0.58	2.13	ppb
Molybdenum	96-1	1.13	1.17	1.15	1.15	2.07	ppb
Molybdenum	97-1	0.52	0.54	0.56	0.54	3.84	ppb
Molybdenum	98-1	0.56	0.58	0.57	0.57	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	418.77	401.11	409.83	409.90	2.15	ppb
Phosphorus	31-2	505.86	451.84	457.26	471.65	6.31	ppb
Potassium	39-2	1613.74	1542.23	1588.80	1581.59	2.29	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	76.76	76.97	77.15	76.96	0.25	ppb
Selenium	77-2	76.83	77.98	75.91	76.91	1.34	ppb
Selenium	78-2	77.41	78.49	79.52	78.48	1.35	ppb
Silicon	28-1	505.39	502.29	508.86	505.51	0.65	ppb
Silver	107-1	30.03	30.97	30.98	30.66	1.77	ppb
Silver	109-1	30.07	30.45	30.85	30.46	1.29	ppb
Sodium	23-2	46.26	43.41	45.73	45.13	3.36	ppb
Strontium	86-1	16.85	16.82	16.71	16.79	0.43	ppb
Strontium	88-1	17.03	17.04	17.06	17.04	0.08	ppb
Sulfur	34-1	-936.40	-1005.92	-1030.78	-991.03		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	35.14	35.34	35.26	35.25	0.29	ppb
Thallium	205-1	34.42	34.49	34.14	34.35	0.54	ppb
Tin	118-1	0.74	0.76	0.76	0.75	1.93	ppb
Titanium	47-1	222.13	223.35	227.66	224.38	1.29	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:23:08	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.28	0.28	0.27	0.28	1.60	ppb
Vanadium	51-2	418.88	400.86	410.46	410.07	2.20	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	495.71	478.03	491.74	488.49	1.90	ppb
Zirconium	90-1	2.39	2.44	2.43	2.42	1.09	ppb
Zirconium	91-1	2.45	2.53	2.47	2.48	1.68	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:26:05	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12869.54	12402.78	12377.57	12549.96	2.21	ppb
Antimony	121-1	0.41	0.43	0.44	0.43	3.73	ppb
Arsenic	75-2	30.84	31.13	30.97	30.98	0.47	ppb
Barium	135-1	149.89	151.23	152.24	151.12	0.78	ppb
Barium	137-1	149.93	150.91	150.92	150.59	0.38	ppb
Beryllium	9-1	0.46	0.46	0.51	0.48	6.24	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.66	0.66	0.57	0.63	8.60	ppb
Cadmium	106-1	-0.96	-1.64	-1.18	-1.26		ppb
Cadmium	111-1	0.47	0.50	0.49	0.49	2.96	ppb
Calcium	43-1	3373.94	3387.12	3390.51	3383.86	0.26	ppb
Calcium	44-1	3139.92	3150.47	3177.39	3155.93	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.71	26.91	27.06	27.23	1.54	ppb
Cobalt	59-2	16.27	15.88	15.97	16.04	1.27	ppb
Copper	63-2	59.69	57.12	58.20	58.34	2.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	28113.20	27020.88	26987.33	27373.80	2.34	ppb
Iron	57-2	28230.76	26744.88	27520.50	27498.71	2.70	ppb
Iron	54-2	27969.02	27186.23	27496.98	27550.74	1.43	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:26:05	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.28	16.68	16.44	16.46	1.21	ppb
Lead	207-1	15.95	16.32	16.01	16.09	1.22	ppb
Lead	208-1	15.94	16.36	16.14	16.15	1.29	ppb
Lithium	6-1				87		%
Magnesium	24-2	6046.82	5943.45	6037.77	6009.35	0.95	ppb
Manganese	55-2	713.35	696.15	705.96	705.16	1.22	ppb
Molybdenum	94-1	6.99	6.91	7.00	6.97	0.72	ppb
Molybdenum	95-1	0.34	0.32	0.32	0.33	3.76	ppb
Molybdenum	96-1	1.22	1.23	1.21	1.22	0.87	ppb
Molybdenum	97-1	0.33	0.32	0.32	0.32	1.97	ppb
Molybdenum	98-1	0.32	0.33	0.34	0.33	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.27	28.38	28.95	28.87	1.57	ppb
Phosphorus	31-2	684.40	638.30	649.35	657.35	3.66	ppb
Potassium	39-2	3011.47	2960.25	2939.51	2970.41	1.25	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.45	0.11	0.26	0.27	62.71	ppb
Selenium	77-2	4.87	4.90	6.12	5.30	13.44	ppb
Selenium	78-2	1.29	1.63	1.19	1.37	16.91	ppb
Silicon	28-1	518.39	518.55	529.35	522.10	1.20	ppb
Silver	107-1	0.12	0.12	0.12	0.12	1.58	ppb
Silver	109-1	0.13	0.12	0.12	0.12	1.94	ppb
Sodium	23-2	69.36	67.53	81.01	72.63	10.07	ppb
Strontium	86-1	27.63	28.21	28.25	28.03	1.23	ppb
Strontium	88-1	28.08	27.77	28.31	28.06	0.96	ppb
Sulfur	34-1	-1094.93	-1133.84	-1201.00	-1143.26		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.14	0.14	0.14	2.57	ppb
Thallium	205-1	0.14	0.14	0.14	0.14	2.33	ppb
Tin	118-1	0.76	0.79	0.81	0.79	2.98	ppb
Titanium	47-1	278.21	280.23	282.38	280.27	0.74	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:26:05	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.38	0.38	0.37	0.37	1.61	ppb
Vanadium	51-2	50.10	48.38	49.28	49.25	1.75	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	79.11	76.83	77.44	77.79	1.51	ppb
Zirconium	90-1	3.74	3.83	3.82	3.80	1.35	ppb
Zirconium	91-1	3.76	3.87	3.79	3.81	1.50	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:29:14	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12405.06	12561.48	12479.13	12481.89	0.63	ppb
Antimony	121-1	0.37	0.39	0.39	0.39	2.73	ppb
Arsenic	75-2	31.67	30.96	30.80	31.14	1.48	ppb
Barium	135-1	143.43	149.91	149.94	147.76	2.54	ppb
Barium	137-1	143.96	148.20	149.84	147.33	2.06	ppb
Beryllium	9-1	0.42	0.45	0.46	0.44	5.11	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.58	0.68	0.76	0.67	13.26	ppb
Cadmium	106-1	-1.84	-1.30	-1.54	-1.56		ppb
Cadmium	111-1	0.45	0.48	0.46	0.46	3.27	ppb
Calcium	43-1	3210.39	3362.30	3367.21	3313.30	2.69	ppb
Calcium	44-1	2987.05	3114.66	3105.58	3069.10	2.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.04	26.82	27.31	27.06	0.91	ppb
Cobalt	59-2	15.88	15.86	15.97	15.91	0.36	ppb
Copper	63-2	58.60	58.00	58.30	58.30	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	27115.95	27063.97	27493.61	27224.51	0.86	ppb
Iron	57-2	27419.31	26731.19	27396.10	27182.20	1.44	ppb
Iron	54-2	27699.20	27479.50	27686.64	27621.78	0.45	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:29:14	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	15.75	16.19	16.24	16.06	1.69	ppb
Lead	207-1	15.50	15.82	16.09	15.80	1.87	ppb
Lead	208-1	15.55	15.91	16.05	15.84	1.61	ppb
Lithium	6-1				88		%
Magnesium	24-2	5949.24	5960.73	5953.34	5954.43	0.10	ppb
Manganese	55-2	696.41	695.82	694.06	695.43	0.18	ppb
Molybdenum	94-1	6.57	6.79	6.98	6.78	3.01	ppb
Molybdenum	95-1	0.32	0.34	0.32	0.33	3.39	ppb
Molybdenum	96-1	1.13	1.16	1.16	1.15	1.66	ppb
Molybdenum	97-1	0.32	0.32	0.33	0.32	1.60	ppb
Molybdenum	98-1	0.30	0.32	0.32	0.31	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.55	28.48	28.90	28.64	0.78	ppb
Phosphorus	31-2	645.41	647.56	673.78	655.58	2.41	ppb
Potassium	39-2	2934.40	2928.85	2996.00	2953.08	1.26	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.04	0.23	0.18	0.12	113.77	ppb
Selenium	77-2	5.71	6.92	6.21	6.28	9.66	ppb
Selenium	78-2	1.45	1.87	1.39	1.57	16.60	ppb
Silicon	28-1	492.33	512.37	510.55	505.08	2.19	ppb
Silver	107-1	0.10	0.11	0.11	0.11	3.64	ppb
Silver	109-1	0.10	0.11	0.11	0.11	2.09	ppb
Sodium	23-2	65.79	66.24	67.07	66.37	0.98	ppb
Strontium	86-1	26.63	27.38	27.34	27.12	1.55	ppb
Strontium	88-1	26.49	28.08	27.87	27.48	3.13	ppb
Sulfur	34-1	-1329.88	-1329.96	-1356.41	-1338.75		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.14	0.13	0.14	2.09	ppb
Thallium	205-1	0.13	0.14	0.14	0.13	3.82	ppb
Tin	118-1	0.67	0.71	0.72	0.70	3.78	ppb
Titanium	47-1	265.31	276.90	276.44	272.88	2.40	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:29:14	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.36	0.38	0.37	0.37	2.33	ppb
Vanadium	51-2	49.05	48.64	49.54	49.08	0.92	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	77.04	76.96	77.16	77.06	0.13	ppb
Zirconium	90-1	3.57	3.69	3.72	3.66	2.12	ppb
Zirconium	91-1	3.62	3.67	3.75	3.68	1.77	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4P2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 06:32:22	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2495.89	2479.37	2422.01	2465.76	1.57	ppb
Antimony	121-1	0.07	0.08	0.10	0.08	13.00	ppb
Arsenic	75-2	6.22	6.13	6.22	6.19	0.81	ppb
Barium	135-1	29.46	27.56	31.17	29.40	6.14	ppb
Barium	137-1	29.13	27.63	31.45	29.40	6.53	ppb
Beryllium	9-1	0.07	0.10	0.11	0.09	22.21	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.14	0.14	0.16	0.15	7.91	ppb
Cadmium	106-1	-1.42	-2.17	-2.30	-1.96		ppb
Cadmium	111-1	0.09	0.07	0.09	0.08	10.70	ppb
Calcium	43-1	662.35	626.97	699.32	662.88	5.46	ppb
Calcium	44-1	644.47	596.68	677.03	639.39	6.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.35	5.32	5.26	5.31	0.82	ppb
Cobalt	59-2	3.13	3.19	3.15	3.16	0.90	ppb
Copper	63-2	11.57	11.58	11.47	11.54	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	5414.45	5360.95	5261.76	5345.72	1.45	ppb
Iron	57-2	5627.57	5621.48	5567.41	5605.49	0.59	ppb
Iron	54-2	5460.27	5453.53	5437.85	5450.55	0.21	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4P2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 06:32:22	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.19	3.02	3.39	3.20	5.89	ppb
Lead	207-1	3.20	2.91	3.37	3.16	7.37	ppb
Lead	208-1	3.17	2.95	3.35	3.16	6.21	ppb
Lithium	6-1				87		%
Magnesium	24-2	1164.97	1176.03	1160.64	1167.21	0.68	ppb
Manganese	55-2	139.63	139.64	138.07	139.11	0.65	ppb
Molybdenum	94-1	1.34	1.30	1.41	1.35	3.97	ppb
Molybdenum	95-1	0.06	0.06	0.07	0.06	5.49	ppb
Molybdenum	96-1	0.23	0.22	0.24	0.23	4.65	ppb
Molybdenum	97-1	0.07	0.06	0.06	0.07	8.51	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.65	5.74	5.63	5.67	1.00	ppb
Phosphorus	31-2	112.22	110.85	114.55	112.54	1.66	ppb
Potassium	39-2	617.36	618.42	612.72	616.17	0.49	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.38	-0.36	-0.23	-0.32		ppb
Selenium	77-2	1.47	1.23	0.83	1.17	27.56	ppb
Selenium	78-2	0.40	0.25	1.12	0.59	79.27	ppb
Silicon	28-1	97.73	88.35	105.59	97.22	8.88	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.39	ppb
Silver	109-1	0.02	0.02	0.03	0.02	18.22	ppb
Sodium	23-2	18.48	18.00	18.03	18.17	1.50	ppb
Strontium	86-1	5.36	5.17	5.85	5.46	6.42	ppb
Strontium	88-1	5.51	5.18	5.77	5.49	5.38	ppb
Sulfur	34-1	-1466.29	-1629.13	-1385.67	-1493.69		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.03	0.04	0.03	15.69	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	8.39	ppb
Tin	118-1	0.13	0.12	0.15	0.13	12.98	ppb
Titanium	47-1	54.72	51.32	57.29	54.44	5.50	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4P2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 06:32:22	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.07	0.07	0.07	5.27	ppb
Vanadium	51-2	9.70	9.67	9.62	9.66	0.42	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	16.00	16.28	16.31	16.20	1.04	ppb
Zirconium	90-1	0.75	0.71	0.77	0.74	4.27	ppb
Zirconium	91-1	0.78	0.70	0.77	0.75	5.94	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:35:36	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12389.19	12278.81	12418.60	12362.20	0.60	ppb
Antimony	121-1	17.84	17.95	18.18	17.99	0.96	ppb
Arsenic	75-2	37.16	37.50	37.81	37.49	0.86	ppb
Barium	135-1	480.64	490.39	488.08	486.37	1.05	ppb
Barium	137-1	481.20	489.99	489.14	486.78	1.00	ppb
Beryllium	9-1	8.56	8.64	8.82	8.68	1.53	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.12	8.65	8.37	8.38	3.17	ppb
Cadmium	106-1	6.08	6.40	6.27	6.25	2.59	ppb
Cadmium	111-1	9.01	9.38	9.30	9.23	2.09	ppb
Calcium	43-1	3297.98	3307.58	3358.71	3321.43	0.98	ppb
Calcium	44-1	3065.79	3071.92	3144.81	3094.18	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.52	61.74	62.41	61.89	0.75	ppb
Cobalt	59-2	103.28	103.69	105.48	104.15	1.12	ppb
Copper	63-2	98.28	98.09	100.05	98.81	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	26574.20	26815.29	27043.15	26810.88	0.87	ppb
Iron	57-2	27002.26	26614.78	27142.07	26919.70	1.01	ppb
Iron	54-2	27202.00	27209.33	27155.19	27188.84	0.11	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:35:36	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.24	19.37	19.95	19.52	1.93	ppb
Lead	207-1	19.07	19.32	19.60	19.33	1.36	ppb
Lead	208-1	19.13	19.20	19.66	19.33	1.51	ppb
Lithium	6-1				89		%
Magnesium	24-2	5808.67	5845.25	5889.28	5847.73	0.69	ppb
Manganese	55-2	759.77	766.47	766.20	764.15	0.50	ppb
Molybdenum	94-1	6.44	6.50	6.53	6.49	0.69	ppb
Molybdenum	95-1	0.34	0.33	0.32	0.33	4.16	ppb
Molybdenum	96-1	1.14	1.13	1.17	1.15	1.87	ppb
Molybdenum	97-1	0.32	0.33	0.32	0.32	2.38	ppb
Molybdenum	98-1	0.32	0.31	0.33	0.32	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.69	116.52	118.26	116.82	1.12	ppb
Phosphorus	31-2	646.52	659.72	650.56	652.27	1.04	ppb
Potassium	39-2	2897.27	2907.61	2954.80	2919.89	1.05	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	11.63	11.80	12.08	11.84	1.94	ppb
Selenium	77-2	16.14	17.38	17.28	16.93	4.09	ppb
Selenium	78-2	13.64	12.15	12.59	12.80	6.01	ppb
Silicon	28-1	473.66	470.69	485.97	476.77	1.70	ppb
Silver	107-1	7.46	7.45	7.40	7.44	0.46	ppb
Silver	109-1	7.30	7.38	7.47	7.38	1.13	ppb
Sodium	23-2	59.37	60.52	61.41	60.43	1.69	ppb
Strontium	86-1	26.23	26.65	26.77	26.55	1.07	ppb
Strontium	88-1	26.87	26.85	27.50	27.07	1.38	ppb
Sulfur	34-1	-1313.39	-1390.65	-1411.53	-1371.85		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	8.70	8.84	9.00	8.84	1.73	ppb
Thallium	205-1	8.65	8.70	8.86	8.73	1.27	ppb
Tin	118-1	0.72	0.72	0.72	0.72	0.43	ppb
Titanium	47-1	266.41	267.57	271.13	268.37	0.92	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:35:36	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.36	0.37	0.37	0.37	1.20	ppb
Vanadium	51-2	134.65	135.03	134.35	134.68	0.25	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	160.26	162.12	164.95	162.44	1.45	ppb
Zirconium	90-1	3.44	3.50	3.52	3.49	1.18	ppb
Zirconium	91-1	3.47	3.59	3.50	3.52	1.77	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:38:39	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14059.54	13924.47	13956.51	13980.17	0.50	ppb
Antimony	121-1	74.66	75.24	76.10	75.33	0.96	ppb
Arsenic	75-2	60.11	59.09	60.85	60.02	1.48	ppb
Barium	135-1	1610.63	1612.90	1619.07	1614.20	0.27	ppb
Barium	137-1	1621.11	1622.94	1619.17	1621.07	0.12	ppb
Beryllium	9-1	35.80	37.23	37.54	36.85	2.52	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.42	33.20	33.69	33.44	0.74	ppb
Cadmium	106-1	32.07	31.17	31.53	31.59	1.42	ppb
Cadmium	111-1	37.09	37.79	37.55	37.48	0.95	ppb
Calcium	43-1	3324.28	3390.23	3366.39	3360.30	0.99	ppb
Calcium	44-1	3170.51	3230.61	3203.44	3201.52	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	181.11	183.61	181.63	182.12	0.72	ppb
Cobalt	59-2	402.44	412.19	404.59	406.41	1.26	ppb
Copper	63-2	248.28	248.03	245.51	247.27	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	28309.35	28494.23	28639.81	28481.13	0.58	ppb
Iron	57-2	28544.17	28553.45	28442.00	28513.21	0.22	ppb
Iron	54-2	28868.06	28796.20	28655.25	28773.17	0.38	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:38:39	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.05	31.61	31.39	31.35	0.90	ppb
Lead	207-1	30.12	30.98	30.85	30.65	1.51	ppb
Lead	208-1	30.57	31.14	30.97	30.90	0.94	ppb
Lithium	6-1				87		%
Magnesium	24-2	6080.71	5997.81	6081.44	6053.32	0.79	ppb
Manganese	55-2	1078.92	1087.37	1074.17	1080.15	0.62	ppb
Molybdenum	94-1	6.63	6.63	6.65	6.64	0.19	ppb
Molybdenum	95-1	0.34	0.34	0.34	0.34	0.35	ppb
Molybdenum	96-1	1.17	1.20	1.22	1.19	1.84	ppb
Molybdenum	97-1	0.32	0.36	0.35	0.34	6.51	ppb
Molybdenum	98-1	0.31	0.35	0.33	0.33	5.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	430.14	431.12	424.37	428.54	0.85	ppb
Phosphorus	31-2	652.85	655.80	652.51	653.72	0.28	ppb
Potassium	39-2	2967.93	2967.30	2971.84	2969.02	0.08	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	81.63	81.41	81.37	81.47	0.17	ppb
Selenium	77-2	84.15	83.46	84.10	83.90	0.46	ppb
Selenium	78-2	83.08	80.66	82.13	81.96	1.49	ppb
Silicon	28-1	476.25	485.41	484.01	481.89	1.02	ppb
Silver	107-1	31.61	32.03	31.55	31.73	0.81	ppb
Silver	109-1	31.76	31.85	31.78	31.80	0.16	ppb
Sodium	23-2	68.51	68.46	67.85	68.27	0.54	ppb
Strontium	86-1	27.32	27.26	27.29	27.29	0.10	ppb
Strontium	88-1	27.18	27.64	27.35	27.39	0.85	ppb
Sulfur	34-1	-1414.57	-1412.69	-1466.78	-1431.35		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	36.58	37.25	37.55	37.13	1.33	ppb
Thallium	205-1	35.30	36.82	35.99	36.04	2.13	ppb
Tin	118-1	0.84	0.83	0.83	0.83	0.66	ppb
Titanium	47-1	271.05	276.08	274.10	273.75	0.93	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:38:39	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.36	0.38	0.37	0.37	2.28	ppb
Vanadium	51-2	428.82	430.25	427.63	428.90	0.31	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	463.86	465.63	466.57	465.35	0.30	ppb
Zirconium	90-1	3.57	3.57	3.57	3.57	0.13	ppb
Zirconium	91-1	3.57	3.60	3.63	3.60	0.93	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BL	Instrumnet Name :	P7
Client Sample ID :	PBS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:41:39	DataFile Name :	147CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	0.22	0.29	0.29	25.51	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	30.38	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.14	0.10	0.20	0.14	35.46	ppb
Barium	137-1	0.13	0.07	0.14	0.11	34.39	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.01	-0.02	0.01	211.89	ppb
Cadmium	106-1	-1.89	-2.17	-2.81	-2.29		ppb
Cadmium	111-1	-0.02	-0.02	-0.02	-0.02		ppb
Calcium	43-1	-3.47	-3.79	-4.58	-3.95		ppb
Calcium	44-1	-15.67	-15.65	-15.95	-15.76		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.06	-0.05	-0.06		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	160.29	ppb
Copper	63-2	-0.02	0.00	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	-0.20	-0.28	-0.37	-0.28		ppb
Iron	57-2	-0.13	-1.07	-1.12	-0.77		ppb
Iron	54-2	-1.92	-1.41	-1.89	-1.74		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BL	Instrumnet Name :	P7
Client Sample ID :	PBS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:41:39	DataFile Name :	147CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.01	0.01	0.02	36.16	ppb
Lead	207-1	0.02	0.02	0.02	0.02	11.63	ppb
Lead	208-1	0.02	0.01	0.02	0.02	21.03	ppb
Lithium	6-1				88		%
Magnesium	24-2	2.34	2.43	2.46	2.41	2.48	ppb
Manganese	55-2	-0.14	-0.12	-0.14	-0.13		ppb
Molybdenum	94-1	-0.03	-0.02	0.05	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.09	0.03	192.92	ppb
Molybdenum	96-1	0.00	-0.01	0.12	0.04	207.30	ppb
Molybdenum	97-1	0.00	0.00	0.06	0.02	217.25	ppb
Molybdenum	98-1	0.00	0.00	0.07	0.02	214.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00		ppb
Phosphorus	31-2	-20.85	-21.71	-21.58	-21.38		ppb
Potassium	39-2	-0.63	0.84	0.96	0.39	226.37	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.01	-0.37	-0.25	-0.20		ppb
Selenium	77-2	0.02	-0.05	-0.05	-0.03		ppb
Selenium	78-2	0.26	0.40	0.80	0.48	57.95	ppb
Silicon	28-1	-8.41	-7.90	-7.15	-7.82		ppb
Silver	107-1	0.00	0.00	0.01	0.01	53.87	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.41	ppb
Sodium	23-2	3.06	2.91	3.09	3.02	3.22	ppb
Strontium	86-1	0.00	-0.02	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1608.11	-1562.36	-1565.83	-1578.77		ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.02	0.03	0.03	9.72	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	4.88	ppb
Tin	118-1	-0.04	-0.04	-0.04	-0.04		ppb
Titanium	47-1	0.03	0.02	0.01	0.02	61.44	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BL	Instrumnet Name :	P7
Client Sample ID :	PBS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:41:39	DataFile Name :	147CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	13.37	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	-0.07	-0.08	-0.06	-0.07		ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BS	Instrumnet Name :	P7
Client Sample ID :	LCS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:44:54	DataFile Name :	148LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.54	43.95	43.04	43.51	1.05	ppb
Antimony	121-1	4.16	4.26	4.35	4.26	2.20	ppb
Arsenic	75-2	2.26	2.39	2.30	2.32	2.76	ppb
Barium	135-1	20.32	20.65	21.18	20.72	2.09	ppb
Barium	137-1	20.42	20.80	21.53	20.92	2.69	ppb
Beryllium	9-1	2.07	2.10	2.05	2.07	1.18	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.25	1.94	1.92	2.04	9.13	ppb
Cadmium	106-1	0.46	-0.45	0.03	0.01	3875.38	ppb
Cadmium	111-1	2.11	2.20	2.26	2.19	3.38	ppb
Calcium	43-1	912.40	922.37	945.22	926.66	1.82	ppb
Calcium	44-1	934.36	926.38	941.22	933.99	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.57	4.56	4.59	4.57	0.32	ppb
Cobalt	59-2	2.37	2.34	2.31	2.34	1.24	ppb
Copper	63-2	4.76	4.77	4.83	4.79	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	465.26	463.40	461.99	463.55	0.35	ppb
Iron	57-2	489.25	488.41	492.93	490.19	0.49	ppb
Iron	54-2	491.46	488.14	490.39	489.99	0.35	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BS	Instrumnet Name :	P7
Client Sample ID :	LCS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:44:54	DataFile Name :	148LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.11	2.13	2.18	2.14	1.78	ppb
Lead	207-1	2.12	2.15	2.16	2.14	0.77	ppb
Lead	208-1	2.12	2.14	2.18	2.15	1.49	ppb
Lithium	6-1				91		%
Magnesium	24-2	1161.45	1158.71	1150.12	1156.76	0.51	ppb
Manganese	55-2	2.16	2.13	2.08	2.12	1.99	ppb
Molybdenum	94-1	11.97	12.10	12.63	12.23	2.84	ppb
Molybdenum	95-1	9.98	10.18	10.43	10.20	2.19	ppb
Molybdenum	96-1	10.16	10.33	10.70	10.40	2.65	ppb
Molybdenum	97-1	10.15	10.13	10.52	10.27	2.14	ppb
Molybdenum	98-1	10.07	10.25	10.61	10.31	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.43	2.36	2.39	2.40	1.40	ppb
Phosphorus	31-2	-22.30	-20.89	-20.67	-21.29		ppb
Potassium	39-2	1097.89	1087.10	1082.26	1089.08	0.74	ppb
Rhodium	103-1				112		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	11.10	10.49	11.32	10.97	3.88	ppb
Selenium	77-2	10.94	11.88	10.78	11.20	5.29	ppb
Selenium	78-2	11.74	12.03	12.01	11.93	1.32	ppb
Silicon	28-1	-2.72	-2.19	-0.82	-1.91		ppb
Silver	107-1	2.11	2.17	2.27	2.18	3.65	ppb
Silver	109-1	2.09	2.16	2.22	2.16	2.94	ppb
Sodium	23-2	1088.85	1074.28	1070.06	1077.73	0.91	ppb
Strontium	86-1	2.01	2.04	2.11	2.05	2.65	ppb
Strontium	88-1	2.06	2.10	2.18	2.11	2.95	ppb
Sulfur	34-1	-1462.02	-1408.77	-1281.66	-1384.15		ppb
Terbium	159-1				115		%
Terbium	159-2				105		%
Thallium	203-1	2.10	2.07	2.12	2.10	1.05	ppb
Thallium	205-1	2.06	2.10	2.12	2.09	1.39	ppb
Tin	118-1	-0.02	-0.02	0.00	-0.01		ppb
Titanium	47-1	10.24	10.42	10.67	10.45	2.08	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BS	Instrumnet Name :	P7
Client Sample ID :	LCS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:44:54	DataFile Name :	148LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.98	1.99	2.03	2.00	1.27	ppb
Vanadium	51-2	11.32	11.03	11.14	11.16	1.34	ppb
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	12.06	12.32	12.22	12.20	1.07	ppb
Zirconium	90-1	2.04	2.11	2.13	2.09	2.39	ppb
Zirconium	91-1	2.08	2.11	2.15	2.11	1.77	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:48:09	DataFile Name :	149LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.67	22.64	23.40	23.24	2.29	ppb
Antimony	121-1	2.17	2.16	2.26	2.20	2.60	ppb
Arsenic	75-2	1.23	1.21	1.27	1.23	2.71	ppb
Barium	135-1	10.46	10.83	10.70	10.67	1.77	ppb
Barium	137-1	10.63	10.59	10.96	10.72	1.90	ppb
Beryllium	9-1	0.98	0.97	1.11	1.02	7.61	ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.11	1.06	1.32	1.16	11.97	ppb
Cadmium	106-1	-0.85	-0.42	-1.03	-0.77		ppb
Cadmium	111-1	1.16	1.16	1.21	1.18	2.33	ppb
Calcium	43-1	454.60	471.09	473.85	466.51	2.23	ppb
Calcium	44-1	471.67	473.06	492.02	478.92	2.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.30	2.33	2.27	2.30	1.32	ppb
Cobalt	59-2	1.20	1.19	1.20	1.20	0.33	ppb
Copper	63-2	2.55	2.54	2.58	2.55	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				104		%
Iron	56-2	241.50	239.01	240.78	240.43	0.53	ppb
Iron	57-2	250.71	253.96	254.71	253.13	0.84	ppb
Iron	54-2	251.47	251.89	251.16	251.51	0.15	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:48:09	DataFile Name :	149LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.07	1.05	1.13	1.08	3.47	ppb
Lead	207-1	1.05	1.07	1.14	1.09	4.24	ppb
Lead	208-1	1.06	1.06	1.13	1.08	3.72	ppb
Lithium	6-1				95		%
Magnesium	24-2	600.20	598.71	599.96	599.62	0.13	ppb
Manganese	55-2	1.04	1.05	1.06	1.05	1.03	ppb
Molybdenum	94-1	6.00	6.06	6.25	6.10	2.15	ppb
Molybdenum	95-1	5.06	5.10	5.24	5.14	1.82	ppb
Molybdenum	96-1	5.18	5.17	5.40	5.25	2.43	ppb
Molybdenum	97-1	5.11	5.16	5.34	5.20	2.24	ppb
Molybdenum	98-1	5.09	5.17	5.33	5.19	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.21	1.27	1.23	2.50	ppb
Phosphorus	31-2	-22.06	-20.83	-18.73	-20.54		ppb
Potassium	39-2	592.86	587.84	592.47	591.06	0.47	ppb
Rhodium	103-1				114		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	82-1	5.43	5.44	5.43	5.43	0.07	ppb
Selenium	77-2	5.58	5.03	5.85	5.49	7.60	ppb
Selenium	78-2	5.72	5.88	5.97	5.86	2.13	ppb
Silicon	28-1	-5.24	-5.87	-4.68	-5.26		ppb
Silver	107-1	1.09	1.10	1.16	1.12	3.18	ppb
Silver	109-1	1.06	1.11	1.14	1.10	3.66	ppb
Sodium	23-2	541.05	542.92	545.78	543.25	0.44	ppb
Strontium	86-1	1.04	1.00	1.07	1.04	3.64	ppb
Strontium	88-1	1.05	1.07	1.09	1.07	2.05	ppb
Sulfur	34-1	-1290.80	-1264.82	-1192.72	-1249.45		ppb
Terbium	159-1				115		%
Terbium	159-2				105		%
Thallium	203-1	1.03	1.05	1.08	1.06	2.52	ppb
Thallium	205-1	1.03	1.04	1.09	1.05	3.27	ppb
Tin	118-1	-0.03	-0.02	-0.02	-0.03		ppb
Titanium	47-1	5.20	5.15	5.36	5.24	2.05	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:48:09	DataFile Name :	149LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.99	1.01	0.99	2.40	ppb
Vanadium	51-2	5.75	5.73	5.78	5.75	0.47	ppb
Yttrium	89-1				113		%
Yttrium	89-2				104		%
Zinc	66-2	7.54	7.61	7.56	7.57	0.48	ppb
Zirconium	90-1	1.02	1.02	1.07	1.04	2.75	ppb
Zirconium	91-1	1.04	0.99	1.06	1.03	3.62	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BL	Instrumnet Name :	P7
Client Sample ID :	PBS625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:51:22	DataFile Name :	150CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.73	0.66	0.59	0.66	10.65	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	30.39	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.01	0.01	0.00	0.01	65.57	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.02	-0.01	0.00	1671.56	ppb
Cadmium	106-1	-1.46	-2.27	-2.25	-1.99		ppb
Cadmium	111-1	-0.01	-0.03	-0.02	-0.02		ppb
Calcium	43-1	-4.08	-4.22	-3.89	-4.06		ppb
Calcium	44-1	-15.04	-15.48	-15.02	-15.18		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.05	-0.06	-0.06		ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	-0.02	-0.04	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	-0.71	-0.80	-0.70	-0.74		ppb
Iron	57-2	-0.90	-1.13	-0.90	-0.98		ppb
Iron	54-2	-2.09	-2.31	-2.16	-2.19		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BL	Instrumnet Name :	P7
Client Sample ID :	PBS625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:51:22	DataFile Name :	150CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.00	0.00	148.86	ppb
Lead	207-1	0.01	0.00	0.00	0.00	99.14	ppb
Lead	208-1	0.01	0.00	0.00	0.00	163.52	ppb
Lithium	6-1				91		%
Magnesium	24-2	1.46	1.70	1.61	1.59	7.57	ppb
Manganese	55-2	-0.12	-0.12	-0.13	-0.12		ppb
Molybdenum	94-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	667.91	ppb
Phosphorus	31-2	-20.11	-21.30	-19.77	-20.39		ppb
Potassium	39-2	2.27	0.65	2.52	1.81	56.05	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.15	0.18	0.01	0.11	83.89	ppb
Selenium	77-2	0.02	-0.05	-0.05	-0.03		ppb
Selenium	78-2	0.43	-0.33	-0.26	-0.05		ppb
Silicon	28-1	-6.72	-7.00	-7.15	-6.95		ppb
Silver	107-1	0.00	0.00	0.00	0.00	192.57	ppb
Silver	109-1	0.00	0.00	0.00	0.00	31.07	ppb
Sodium	23-2	-1.27	-1.46	-0.87	-1.20		ppb
Strontium	86-1	-0.02	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1100.60	-1073.65	-1027.58	-1067.28		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.02	0.02	17.78	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.51	ppb
Tin	118-1	-0.02	-0.03	-0.02	-0.02		ppb
Titanium	47-1	-0.01	-0.01	-0.01	-0.01		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BL	Instrumnet Name :	P7
Client Sample ID :	PBS625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:51:22	DataFile Name :	150CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	68.93	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	-0.01	-0.02	-0.01	-0.02		ppb
Zirconium	90-1	-0.02	-0.02	-0.01	-0.02		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BS	Instrumnet Name :	P7
Client Sample ID :	LCS625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:54:39	DataFile Name :	151LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.01	45.18	45.35	44.85	1.62	ppb
Antimony	121-1	4.50	4.48	4.46	4.48	0.36	ppb
Arsenic	75-2	2.24	2.39	2.27	2.30	3.54	ppb
Barium	135-1	21.80	21.66	21.96	21.81	0.69	ppb
Barium	137-1	22.17	21.81	21.89	21.96	0.85	ppb
Beryllium	9-1	2.03	2.30	2.10	2.15	6.48	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.29	2.27	2.21	2.26	1.89	ppb
Cadmium	106-1	0.77	0.86	0.70	0.78	10.17	ppb
Cadmium	111-1	2.42	2.34	2.33	2.36	1.97	ppb
Calcium	43-1	997.68	985.53	996.53	993.25	0.68	ppb
Calcium	44-1	992.93	989.42	977.89	986.74	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.52	4.66	4.60	4.59	1.52	ppb
Cobalt	59-2	2.35	2.39	2.40	2.38	1.14	ppb
Copper	63-2	4.83	4.91	4.88	4.87	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	462.94	474.82	468.02	468.59	1.27	ppb
Iron	57-2	487.45	496.03	498.13	493.87	1.15	ppb
Iron	54-2	487.78	493.91	497.65	493.11	1.01	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BS	Instrumnet Name :	P7
Client Sample ID :	LCS625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:54:39	DataFile Name :	151LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.27	2.21	2.20	2.23	1.78	ppb
Lead	207-1	2.24	2.27	2.26	2.25	0.75	ppb
Lead	208-1	2.25	2.24	2.21	2.23	1.05	ppb
Lithium	6-1				93		%
Magnesium	24-2	1152.15	1174.26	1179.48	1168.63	1.24	ppb
Manganese	55-2	2.09	2.15	2.15	2.13	1.50	ppb
Molybdenum	94-1	12.75	12.89	12.91	12.85	0.69	ppb
Molybdenum	95-1	10.60	10.92	10.88	10.80	1.60	ppb
Molybdenum	96-1	10.90	11.06	11.06	11.01	0.83	ppb
Molybdenum	97-1	10.79	10.82	10.93	10.85	0.71	ppb
Molybdenum	98-1	11.00	11.07	10.86	10.98	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.41	2.38	2.45	2.41	1.47	ppb
Phosphorus	31-2	-22.76	-20.19	-20.63	-21.19		ppb
Potassium	39-2	1086.01	1127.83	1105.99	1106.61	1.89	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	12.42	11.49	11.96	11.96	3.90	ppb
Selenium	77-2	10.95	13.20	13.22	12.46	10.48	ppb
Selenium	78-2	10.82	12.01	12.75	11.86	8.20	ppb
Silicon	28-1	-0.06	-0.31	0.52	0.05	862.94	ppb
Silver	107-1	2.30	2.31	2.31	2.31	0.17	ppb
Silver	109-1	2.30	2.29	2.31	2.30	0.48	ppb
Sodium	23-2	1086.34	1104.06	1083.63	1091.34	1.02	ppb
Strontium	86-1	2.23	2.18	2.14	2.18	2.01	ppb
Strontium	88-1	2.22	2.24	2.21	2.22	0.56	ppb
Sulfur	34-1	-809.26	-757.31	-740.08	-768.88		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	2.22	2.18	2.15	2.18	1.65	ppb
Thallium	205-1	2.20	2.17	2.15	2.17	1.23	ppb
Tin	118-1	-0.01	-0.02	-0.01	-0.02		ppb
Titanium	47-1	11.29	11.01	10.80	11.03	2.26	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BS	Instrumnet Name :	P7
Client Sample ID :	LCS625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:54:39	DataFile Name :	151LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.07	2.09	2.05	2.07	0.94	ppb
Vanadium	51-2	11.08	11.34	11.35	11.26	1.35	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	12.11	12.25	12.27	12.21	0.69	ppb
Zirconium	90-1	2.20	2.22	2.21	2.21	0.58	ppb
Zirconium	91-1	2.23	2.27	2.28	2.26	1.30	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:57:51	DataFile Name :	152LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.69	23.24	23.43	23.45	0.98	ppb
Antimony	121-1	2.15	2.22	2.26	2.21	2.63	ppb
Arsenic	75-2	1.20	1.14	1.23	1.19	3.47	ppb
Barium	135-1	10.54	10.87	10.86	10.76	1.74	ppb
Barium	137-1	10.46	10.86	11.05	10.79	2.78	ppb
Beryllium	9-1	0.96	1.09	1.20	1.08	11.25	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.00	1.12	1.22	1.12	9.89	ppb
Cadmium	106-1	0.01	0.03	-0.35	-0.10		ppb
Cadmium	111-1	1.11	1.19	1.19	1.16	4.15	ppb
Calcium	43-1	459.36	480.45	488.88	476.23	3.19	ppb
Calcium	44-1	481.15	499.77	499.32	493.41	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.30	2.30	2.30	2.30	0.03	ppb
Cobalt	59-2	1.21	1.18	1.21	1.20	1.68	ppb
Copper	63-2	2.41	2.39	2.49	2.43	2.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	235.90	231.02	235.06	234.00	1.12	ppb
Iron	57-2	248.95	249.82	254.90	251.22	1.28	ppb
Iron	54-2	250.34	244.86	252.52	249.24	1.58	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:57:51	DataFile Name :	152LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.07	1.14	1.12	1.11	3.26	ppb
Lead	207-1	1.10	1.12	1.15	1.12	1.89	ppb
Lead	208-1	1.08	1.12	1.11	1.10	1.94	ppb
Lithium	6-1				93		%
Magnesium	24-2	597.40	591.40	602.37	597.06	0.92	ppb
Manganese	55-2	1.00	1.05	1.03	1.03	2.38	ppb
Molybdenum	94-1	6.18	6.42	6.42	6.34	2.22	ppb
Molybdenum	95-1	5.15	5.36	5.51	5.34	3.46	ppb
Molybdenum	96-1	5.10	5.43	5.52	5.35	4.17	ppb
Molybdenum	97-1	5.12	5.35	5.41	5.29	2.86	ppb
Molybdenum	98-1	5.10	5.45	5.51	5.35	4.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	1.19	1.23	1.22	2.06	ppb
Phosphorus	31-2	-20.68	-20.18	-19.72	-20.19		ppb
Potassium	39-2	592.14	579.68	592.66	588.16	1.25	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	5.39	6.02	6.03	5.81	6.27	ppb
Selenium	77-2	5.39	6.35	6.21	5.98	8.65	ppb
Selenium	78-2	5.94	6.03	5.89	5.96	1.18	ppb
Silicon	28-1	-4.58	-3.61	-3.19	-3.79		ppb
Silver	107-1	1.08	1.15	1.15	1.13	3.62	ppb
Silver	109-1	1.07	1.14	1.16	1.12	4.22	ppb
Sodium	23-2	537.40	532.16	542.82	537.46	0.99	ppb
Strontium	86-1	0.99	1.11	1.07	1.06	5.35	ppb
Strontium	88-1	1.05	1.09	1.12	1.08	3.14	ppb
Sulfur	34-1	-808.36	-709.45	-690.96	-736.26		ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	1.06	1.10	1.10	1.08	2.18	ppb
Thallium	205-1	1.06	1.07	1.08	1.07	0.54	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb
Titanium	47-1	5.15	5.52	5.39	5.35	3.43	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:57:51	DataFile Name :	152LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	1.04	1.03	1.02	1.75	ppb
Vanadium	51-2	5.68	5.57	5.83	5.69	2.29	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	6.69	6.33	6.73	6.58	3.32	ppb
Zirconium	90-1	1.03	1.10	1.11	1.08	4.04	ppb
Zirconium	91-1	1.03	1.13	1.14	1.10	5.69	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164798BL	Instrumnet Name :	P7
Client Sample ID :	PBW798	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:01:07	DataFile Name :	153CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.44	0.41	0.49	0.45	8.04	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	46.27	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.01	0.00	-0.01	0.00	357.21	ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.01	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.00	0.01	0.01	153.17	ppb
Cadmium	106-1	-0.52	-1.63	-1.94	-1.36		ppb
Cadmium	111-1	-0.01	-0.02	-0.02	-0.02		ppb
Calcium	43-1	-0.57	-1.61	-2.63	-1.60		ppb
Calcium	44-1	-12.79	-13.65	-14.52	-13.65		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.06	-0.06	-0.06		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.02	-0.03	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	-0.74	-0.64	-0.70	-0.69		ppb
Iron	57-2	-1.46	-0.53	-0.89	-0.96		ppb
Iron	54-2	-2.13	-1.97	-1.69	-1.93		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164798BL	Instrumnet Name :	P7
Client Sample ID :	PBW798	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:01:07	DataFile Name :	153CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	-0.01	0.00	-0.01		ppb
Lead	207-1	0.00	0.00	-0.01	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				97		%
Magnesium	24-2	2.33	2.73	3.03	2.70	12.96	ppb
Manganese	55-2	-0.16	-0.16	-0.16	-0.16		ppb
Molybdenum	94-1	-0.03	-0.02	-0.02	-0.02		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	-0.01	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.02	0.01	228.57	ppb
Phosphorus	31-2	-19.94	-20.19	-17.10	-19.07		ppb
Potassium	39-2	2.79	3.46	3.61	3.29	13.25	ppb
Rhodium	103-1				112		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	-0.07	0.24	-0.38	-0.07		ppb
Selenium	77-2	0.02	0.02	0.02	0.02	2.53	ppb
Selenium	78-2	0.16	0.23	0.03	0.14	72.57	ppb
Silicon	28-1	-6.52	-7.18	-6.64	-6.78		ppb
Silver	107-1	0.00	0.00	0.00	0.00	49.82	ppb
Silver	109-1	0.00	0.00	0.00	0.00	87.53	ppb
Sodium	23-2	-3.07	-2.78	-2.72	-2.86		ppb
Strontium	86-1	-0.02	0.00	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-700.32	-725.60	-763.43	-729.78		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.02	0.02	3.78	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.77	ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	-0.01	-0.02	-0.01	-0.01		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164798BL	Instrumnet Name :	P7
Client Sample ID :	PBW798	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:01:07	DataFile Name :	153CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	28.66	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	0.07	0.01	0.03	0.03	86.67	ppb
Zirconium	90-1	-0.02	-0.02	-0.01	-0.02		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164798BS	Instrumnet Name :	P7
Client Sample ID :	LCS798	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:04:21	DataFile Name :	154LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.76	43.40	44.02	43.73	0.70	ppb
Antimony	121-1	4.47	4.54	4.52	4.51	0.78	ppb
Arsenic	75-2	2.33	2.45	2.22	2.34	4.89	ppb
Barium	135-1	21.95	21.85	21.83	21.88	0.30	ppb
Barium	137-1	21.94	22.02	22.20	22.05	0.61	ppb
Beryllium	9-1	2.09	2.09	2.12	2.10	0.84	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.19	2.28	2.07	2.18	4.73	ppb
Cadmium	106-1	1.77	1.66	1.35	1.59	13.71	ppb
Cadmium	111-1	2.34	2.42	2.41	2.39	1.76	ppb
Calcium	43-1	967.18	972.60	966.99	968.92	0.33	ppb
Calcium	44-1	974.68	974.29	952.08	967.02	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.62	4.47	4.65	4.58	2.12	ppb
Cobalt	59-2	2.44	2.29	2.38	2.37	3.27	ppb
Copper	63-2	4.96	4.69	4.77	4.80	2.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	480.99	449.95	460.04	463.66	3.41	ppb
Iron	57-2	504.21	488.45	489.88	494.18	1.76	ppb
Iron	54-2	502.09	485.96	486.82	491.62	1.85	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164798BS	Instrumnet Name :	P7
Client Sample ID :	LCS798	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:04:21	DataFile Name :	154LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.21	2.23	2.21	2.22	0.60	ppb
Lead	207-1	2.24	2.21	2.22	2.22	0.76	ppb
Lead	208-1	2.21	2.23	2.21	2.22	0.61	ppb
Lithium	6-1				94		%
Magnesium	24-2	1193.81	1155.94	1167.51	1172.42	1.66	ppb
Manganese	55-2	2.20	2.09	2.13	2.14	2.62	ppb
Molybdenum	94-1	12.76	12.86	12.79	12.81	0.41	ppb
Molybdenum	95-1	10.71	10.76	10.72	10.73	0.27	ppb
Molybdenum	96-1	10.93	10.91	10.96	10.94	0.23	ppb
Molybdenum	97-1	10.74	10.73	10.75	10.74	0.10	ppb
Molybdenum	98-1	10.77	10.86	10.79	10.81	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.44	2.36	2.40	2.40	1.71	ppb
Phosphorus	31-2	-20.42	-21.79	-20.07	-20.76		ppb
Potassium	39-2	1102.05	1103.57	1099.38	1101.67	0.19	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	11.62	11.45	11.52	11.53	0.74	ppb
Selenium	77-2	13.02	11.58	12.74	12.45	6.13	ppb
Selenium	78-2	10.91	12.91	12.51	12.11	8.74	ppb
Silicon	28-1	-0.44	1.01	0.02	0.20	376.42	ppb
Silver	107-1	2.29	2.32	2.32	2.31	0.69	ppb
Silver	109-1	2.27	2.31	2.31	2.30	1.12	ppb
Sodium	23-2	1110.94	1068.66	1080.67	1086.76	2.00	ppb
Strontium	86-1	2.16	2.16	2.18	2.17	0.36	ppb
Strontium	88-1	2.20	2.21	2.22	2.21	0.37	ppb
Sulfur	34-1	-566.64	-523.69	-501.77	-530.70		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	2.19	2.17	2.16	2.17	0.69	ppb
Thallium	205-1	2.15	2.14	2.12	2.14	0.70	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	10.83	10.82	10.65	10.76	0.95	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164798BS	Instrumnet Name :	P7
Client Sample ID :	LCS798	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:04:21	DataFile Name :	154LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.09	2.06	2.09	2.08	0.90	ppb
Vanadium	51-2	11.41	11.03	11.23	11.22	1.70	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	12.31	11.92	11.92	12.05	1.88	ppb
Zirconium	90-1	2.19	2.19	2.16	2.18	1.00	ppb
Zirconium	91-1	2.15	2.24	2.22	2.20	2.15	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04	Instrumnet Name :	P7
Client Sample ID :	MYE5D6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:07:36	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36207.29	36397.27	36318.38	36307.65	0.26	ppb
Antimony	121-1	1.56	1.66	1.62	1.61	3.15	ppb
Arsenic	75-2	100.67	100.72	101.94	101.11	0.71	ppb
Barium	135-1	679.53	712.13	721.92	704.53	3.15	ppb
Barium	137-1	678.11	706.50	712.95	699.18	2.65	ppb
Beryllium	9-1	1.89	2.00	2.06	1.98	4.31	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.53	3.84	3.88	3.75	5.16	ppb
Cadmium	106-1	4.57	3.96	3.68	4.07	11.08	ppb
Cadmium	111-1	3.36	3.51	3.54	3.47	2.73	ppb
Calcium	43-1	8240.48	8955.02	8840.80	8678.77	4.42	ppb
Calcium	44-1	7758.70	8325.71	8302.10	8128.84	3.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.17	91.47	91.74	91.79	0.38	ppb
Cobalt	59-2	61.88	61.89	62.51	62.09	0.59	ppb
Copper	63-2	436.21	436.72	447.34	440.09	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	56-2	108417.23	109039.77	109126.35	108861.12	0.36	ppb
Iron	57-2	107966.89	109782.79	109778.47	109176.05	0.96	ppb
Iron	54-2	111277.67	110228.86	110274.61	110593.71	0.54	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04	Instrumnet Name :	P7
Client Sample ID :	MYE5D6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:07:36	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	110.80	120.50	120.39	117.23	4.75	ppb
Lead	207-1	111.40	117.59	121.09	116.69	4.20	ppb
Lead	208-1	110.37	118.76	119.95	116.36	4.49	ppb
Lithium	6-1				88		%
Magnesium	24-2	14376.73	14506.03	14473.24	14452.00	0.47	ppb
Manganese	55-2	4266.21	4287.76	4310.09	4288.02	0.51	ppb
Molybdenum	94-1	36.89	39.38	39.23	38.50	3.63	ppb
Molybdenum	95-1	1.09	1.20	1.16	1.15	4.86	ppb
Molybdenum	96-1	5.50	5.89	5.80	5.73	3.59	ppb
Molybdenum	97-1	1.03	1.13	1.12	1.10	4.90	ppb
Molybdenum	98-1	1.05	1.11	1.09	1.08	2.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.23	112.01	112.65	112.30	0.29	ppb
Phosphorus	31-2	2257.50	2258.64	2248.35	2254.83	0.25	ppb
Potassium	39-2	7812.71	7743.37	7849.98	7802.02	0.69	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.78	0.85	0.42	0.68	33.92	ppb
Selenium	77-2	21.64	21.76	20.94	21.45	2.06	ppb
Selenium	78-2	4.94	4.95	5.06	4.98	1.34	ppb
Silicon	28-1	1679.82	1865.88	1826.27	1790.66	5.47	ppb
Silver	107-1	0.99	1.04	1.02	1.01	2.41	ppb
Silver	109-1	0.99	1.03	1.00	1.00	2.05	ppb
Sodium	23-2	103.18	104.76	105.94	104.62	1.32	ppb
Strontium	86-1	92.02	99.06	99.24	96.77	4.25	ppb
Strontium	88-1	92.99	98.82	98.58	96.80	3.41	ppb
Sulfur	34-1	-990.29	-1040.93	-1171.12	-1067.45		ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.51	0.56	0.58	0.55	5.95	ppb
Thallium	205-1	0.54	0.56	0.55	0.55	1.19	ppb
Tin	118-1	2.87	3.03	3.02	2.97	3.07	ppb
Titanium	47-1	1157.36	1237.23	1226.37	1206.99	3.59	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04	Instrumnet Name :	P7
Client Sample ID :	MYE5D6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:07:36	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.30	1.38	1.43	1.37	4.92	ppb
Vanadium	51-2	196.69	199.51	202.71	199.63	1.51	ppb
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	286.13	286.66	289.88	287.56	0.71	ppb
Zirconium	90-1	20.21	21.76	21.69	21.22	4.12	ppb
Zirconium	91-1	20.30	21.93	22.02	21.42	4.52	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-05	Instrumnet Name :	P7
Client Sample ID :	MYE5D6D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:10:35	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37133.67	36954.56	37143.35	37077.20	0.29	ppb
Antimony	121-1	1.53	1.53	1.51	1.53	0.66	ppb
Arsenic	75-2	101.64	101.52	102.00	101.72	0.24	ppb
Barium	135-1	689.32	684.21	675.07	682.86	1.06	ppb
Barium	137-1	687.35	686.87	671.84	682.02	1.29	ppb
Beryllium	9-1	2.26	2.23	2.05	2.18	5.29	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.96	4.20	3.81	3.99	4.96	ppb
Cadmium	106-1	3.10	2.80	2.19	2.70	17.07	ppb
Cadmium	111-1	3.50	3.51	3.54	3.52	0.52	ppb
Calcium	43-1	9353.16	9006.52	9250.44	9203.38	1.93	ppb
Calcium	44-1	8626.98	8484.94	8664.58	8592.17	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.44	93.87	93.70	93.67	0.23	ppb
Cobalt	59-2	63.45	63.83	64.62	63.97	0.93	ppb
Copper	63-2	466.87	465.09	466.60	466.19	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	110783.73	111025.57	109911.73	110573.68	0.53	ppb
Iron	57-2	111127.59	111265.35	110894.84	111095.93	0.17	ppb
Iron	54-2	111657.94	110995.82	112705.70	111786.49	0.77	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-05	Instrumnet Name :	P7
Client Sample ID :	MYE5D6D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:10:35	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.68	120.55	121.90	122.04	1.29	ppb
Lead	207-1	127.39	121.41	126.08	124.96	2.51	ppb
Lead	208-1	125.55	121.72	124.10	123.79	1.56	ppb
Lithium	6-1				78		%
Magnesium	24-2	15041.06	15069.72	15020.14	15043.64	0.17	ppb
Manganese	55-2	4212.45	4217.33	4203.38	4211.05	0.17	ppb
Molybdenum	94-1	39.81	39.69	39.54	39.68	0.34	ppb
Molybdenum	95-1	1.18	1.17	1.13	1.16	2.12	ppb
Molybdenum	96-1	5.98	5.83	5.84	5.88	1.45	ppb
Molybdenum	97-1	1.13	1.08	1.09	1.10	2.66	ppb
Molybdenum	98-1	1.08	1.09	1.09	1.08	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.72	115.93	117.28	115.98	1.10	ppb
Phosphorus	31-2	2352.68	2323.03	2318.79	2331.50	0.79	ppb
Potassium	39-2	8045.58	8068.56	8069.68	8061.27	0.17	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.89	0.88	1.16	0.98	15.95	ppb
Selenium	77-2	21.31	20.88	22.25	21.48	3.26	ppb
Selenium	78-2	4.88	5.34	4.36	4.86	10.10	ppb
Silicon	28-1	1836.83	1788.23	1842.73	1822.60	1.64	ppb
Silver	107-1	1.08	1.05	1.06	1.06	1.19	ppb
Silver	109-1	1.07	1.05	1.04	1.05	1.38	ppb
Sodium	23-2	111.92	113.85	115.40	113.72	1.53	ppb
Strontium	86-1	101.75	101.33	101.49	101.52	0.21	ppb
Strontium	88-1	103.18	102.64	102.98	102.94	0.27	ppb
Sulfur	34-1	-1320.25	-1394.24	-1397.67	-1370.72		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.56	0.53	0.54	0.54	2.09	ppb
Thallium	205-1	0.55	0.55	0.55	0.55	0.68	ppb
Tin	118-1	2.98	2.98	3.02	2.99	0.86	ppb
Titanium	47-1	1252.63	1236.29	1261.53	1250.15	1.02	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-05	Instrumnet Name :	P7
Client Sample ID :	MYE5D6D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:10:35	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.47	1.46	1.47	1.46	0.49	ppb
Vanadium	51-2	204.74	204.51	201.46	203.57	0.90	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	297.04	300.27	304.48	300.60	1.24	ppb
Zirconium	90-1	21.96	21.78	21.76	21.83	0.51	ppb
Zirconium	91-1	22.05	22.12	21.87	22.01	0.57	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5D6L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 07:13:36	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7295.45	7339.77	7239.25	7291.49	0.69	ppb
Antimony	121-1	0.29	0.30	0.32	0.30	4.76	ppb
Arsenic	75-2	20.19	20.56	20.81	20.52	1.51	ppb
Barium	135-1	127.75	136.34	136.45	133.51	3.74	ppb
Barium	137-1	128.44	136.91	138.08	134.48	3.91	ppb
Beryllium	9-1	0.32	0.40	0.46	0.39	17.98	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.82	0.84	0.65	0.77	13.26	ppb
Cadmium	106-1	-1.63	-1.94	-2.17	-1.91		ppb
Cadmium	111-1	0.59	0.65	0.65	0.63	5.45	ppb
Calcium	43-1	1652.76	1745.11	1767.94	1721.94	3.54	ppb
Calcium	44-1	1534.24	1632.04	1648.48	1604.92	3.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.42	18.62	18.41	18.48	0.65	ppb
Cobalt	59-2	12.52	12.62	12.55	12.56	0.43	ppb
Copper	63-2	91.30	91.66	91.19	91.38	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	56-2	22019.82	21949.53	21722.73	21897.36	0.71	ppb
Iron	57-2	21877.84	22218.64	21709.09	21935.19	1.18	ppb
Iron	54-2	22097.89	22385.94	21907.24	22130.35	1.09	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5D6L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 07:13:36	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.50	23.39	23.62	23.17	2.55	ppb
Lead	207-1	22.72	23.37	24.02	23.37	2.78	ppb
Lead	208-1	22.39	23.30	23.61	23.10	2.75	ppb
Lithium	6-1				82		%
Magnesium	24-2	2946.05	3026.66	2906.16	2959.62	2.07	ppb
Manganese	55-2	852.23	859.95	844.95	852.37	0.88	ppb
Molybdenum	94-1	7.45	7.86	8.02	7.77	3.80	ppb
Molybdenum	95-1	0.22	0.23	0.22	0.22	2.52	ppb
Molybdenum	96-1	1.09	1.19	1.18	1.15	5.10	ppb
Molybdenum	97-1	0.23	0.23	0.22	0.23	2.74	ppb
Molybdenum	98-1	0.21	0.22	0.22	0.22	4.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.19	23.11	22.97	23.09	0.50	ppb
Phosphorus	31-2	441.28	446.38	435.70	441.12	1.21	ppb
Potassium	39-2	1559.43	1549.19	1542.15	1550.26	0.56	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	-0.09	0.10	0.02	0.01	928.80	ppb
Selenium	77-2	3.44	4.12	4.23	3.93	10.95	ppb
Selenium	78-2	0.80	0.53	0.70	0.68	20.28	ppb
Silicon	28-1	324.69	349.56	355.13	343.13	4.72	ppb
Silver	107-1	0.18	0.19	0.19	0.19	3.50	ppb
Silver	109-1	0.17	0.19	0.19	0.18	7.39	ppb
Sodium	23-2	25.42	25.94	24.69	25.35	2.48	ppb
Strontium	86-1	18.65	19.81	19.95	19.47	3.67	ppb
Strontium	88-1	18.89	19.63	19.93	19.49	2.74	ppb
Sulfur	34-1	-1644.46	-1592.21	-1596.01	-1610.89		ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.11	0.10	0.10	2.28	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	2.83	ppb
Tin	118-1	0.48	0.51	0.51	0.50	3.79	ppb
Titanium	47-1	229.55	243.41	244.90	239.29	3.54	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5D6L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 07:13:36	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.27	0.27	0.26	3.06	ppb
Vanadium	51-2	39.30	39.34	38.78	39.14	0.80	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	60.52	60.56	60.19	60.43	0.34	ppb
Zirconium	90-1	4.10	4.33	4.34	4.26	3.20	ppb
Zirconium	91-1	4.08	4.33	4.38	4.26	3.75	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-06	Instrumnet Name :	P7
Client Sample ID :	MYE5D6S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:16:43	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37411.64	38640.63	37092.57	37714.95	2.17	ppb
Antimony	121-1	56.18	55.12	54.92	55.40	1.22	ppb
Arsenic	75-2	121.59	122.93	125.15	123.22	1.46	ppb
Barium	135-1	1799.16	1744.76	1763.29	1769.07	1.56	ppb
Barium	137-1	1791.30	1776.86	1763.00	1777.05	0.80	ppb
Beryllium	9-1	29.96	29.41	30.07	29.81	1.20	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.29	28.38	27.02	27.90	2.72	ppb
Cadmium	106-1	27.21	26.47	26.19	26.62	1.98	ppb
Cadmium	111-1	30.88	29.98	30.38	30.41	1.49	ppb
Calcium	43-1	9212.60	9171.72	9076.24	9153.52	0.76	ppb
Calcium	44-1	8676.61	8609.62	8510.21	8598.81	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	202.30	209.50	201.57	204.45	2.14	ppb
Cobalt	59-2	345.85	348.03	342.26	345.38	0.84	ppb
Copper	63-2	592.29	601.21	590.80	594.77	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	109274.06	112770.51	109571.49	110538.69	1.75	ppb
Iron	57-2	109778.45	113890.95	111051.79	111573.73	1.89	ppb
Iron	54-2	111665.86	113029.16	110968.79	111887.94	0.94	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-06	Instrumnet Name :	P7
Client Sample ID :	MYE5D6S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:16:43	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	131.77	133.91	131.56	132.41	0.98	ppb
Lead	207-1	134.43	132.44	132.71	133.19	0.81	ppb
Lead	208-1	133.44	132.39	132.20	132.68	0.50	ppb
Lithium	6-1				80		%
Magnesium	24-2	14783.45	15062.61	14704.70	14850.25	1.27	ppb
Manganese	55-2	4504.39	4621.11	4481.73	4535.74	1.65	ppb
Molybdenum	94-1	40.36	39.93	39.59	39.96	0.97	ppb
Molybdenum	95-1	1.18	1.22	1.17	1.19	2.40	ppb
Molybdenum	96-1	5.91	5.97	5.92	5.94	0.52	ppb
Molybdenum	97-1	1.13	1.10	1.11	1.11	1.39	ppb
Molybdenum	98-1	1.13	1.15	1.11	1.13	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	407.63	405.55	403.38	405.52	0.52	ppb
Phosphorus	31-2	2279.86	2306.53	2260.09	2282.16	1.02	ppb
Potassium	39-2	7815.31	7895.36	7655.33	7788.67	1.57	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	60.63	60.42	61.34	60.80	0.79	ppb
Selenium	77-2	79.99	79.20	78.37	79.19	1.02	ppb
Selenium	78-2	64.45	61.88	64.29	63.54	2.27	ppb
Silicon	28-1	1882.30	1820.08	1817.55	1839.98	1.99	ppb
Silver	107-1	24.29	23.83	23.63	23.92	1.41	ppb
Silver	109-1	24.14	23.70	23.69	23.84	1.08	ppb
Sodium	23-2	113.19	116.58	114.83	114.87	1.48	ppb
Strontium	86-1	100.53	100.58	100.35	100.49	0.12	ppb
Strontium	88-1	101.09	100.85	100.39	100.78	0.35	ppb
Sulfur	34-1	-1321.60	-1331.11	-1358.97	-1337.23		ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	28.55	27.96	28.13	28.21	1.07	ppb
Thallium	205-1	27.96	27.67	27.61	27.74	0.68	ppb
Tin	118-1	4.36	4.29	4.23	4.29	1.58	ppb
Titanium	47-1	1269.91	1275.86	1235.69	1260.49	1.72	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-06	Instrumnet Name :	P7
Client Sample ID :	MYE5D6S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:16:43	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.46	1.43	1.46	1.45	1.24	ppb
Vanadium	51-2	467.09	474.31	462.30	467.90	1.29	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	582.89	589.96	577.81	583.55	1.05	ppb
Zirconium	90-1	21.91	21.99	21.61	21.84	0.91	ppb
Zirconium	91-1	21.86	22.21	21.96	22.01	0.81	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04MS	Instrumnet Name :	P7
Client Sample ID :	MYE5D6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:19:41	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41251.25	40507.54	40718.42	40825.74	0.94	ppb
Antimony	121-1	272.56	274.41	273.74	273.57	0.34	ppb
Arsenic	75-2	207.87	204.59	206.32	206.26	0.80	ppb
Barium	135-1	6187.40	6231.64	6219.58	6212.87	0.37	ppb
Barium	137-1	6252.54	6164.33	6196.20	6204.36	0.72	ppb
Beryllium	9-1	143.58	143.41	144.87	143.95	0.55	ppb
Bismuth	209-1				116		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	125.90	128.27	129.27	127.81	1.35	ppb
Cadmium	106-1	124.81	123.84	124.30	124.32	0.39	ppb
Cadmium	111-1	142.03	139.95	140.90	140.96	0.74	ppb
Calcium	43-1	8661.63	8553.33	8753.49	8656.15	1.16	ppb
Calcium	44-1	8593.83	8481.50	8519.44	8531.59	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	680.34	665.95	673.02	673.11	1.07	ppb
Cobalt	59-2	1542.52	1531.35	1548.27	1540.71	0.56	ppb
Copper	63-2	1155.21	1145.85	1153.28	1151.45	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	56-2	109208.13	109047.19	109774.05	109343.12	0.35	ppb
Iron	57-2	110290.44	109291.55	110037.13	109873.04	0.47	ppb
Iron	54-2	111471.77	110448.74	110541.34	110820.62	0.51	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04MS	Instrumnet Name :	P7
Client Sample ID :	MYE5D6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:19:41	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	175.57	173.28	174.80	174.55	0.67	ppb
Lead	207-1	175.77	175.37	174.99	175.38	0.22	ppb
Lead	208-1	174.98	172.86	174.81	174.21	0.68	ppb
Lithium	6-1				80		%
Magnesium	24-2	14577.13	14431.52	14406.28	14471.64	0.64	ppb
Manganese	55-2	5497.12	5450.91	5508.76	5485.60	0.56	ppb
Molybdenum	94-1	37.70	38.33	38.40	38.14	1.01	ppb
Molybdenum	95-1	1.19	1.18	1.17	1.18	1.16	ppb
Molybdenum	96-1	5.64	5.67	5.74	5.68	0.87	ppb
Molybdenum	97-1	1.08	1.09	1.11	1.10	1.39	ppb
Molybdenum	98-1	1.12	1.12	1.13	1.12	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1592.14	1592.60	1606.82	1597.18	0.52	ppb
Phosphorus	31-2	2219.15	2163.85	2218.71	2200.57	1.45	ppb
Potassium	39-2	7529.45	7385.77	7427.48	7447.57	0.99	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	303.94	304.41	306.61	304.99	0.47	ppb
Selenium	77-2	310.70	323.41	311.64	315.25	2.25	ppb
Selenium	78-2	300.63	302.96	303.93	302.51	0.56	ppb
Silicon	28-1	1734.18	1762.59	1758.94	1751.90	0.88	ppb
Silver	107-1	118.16	115.96	115.78	116.63	1.14	ppb
Silver	109-1	117.72	116.34	116.99	117.02	0.59	ppb
Sodium	23-2	114.81	110.10	112.68	112.53	2.10	ppb
Strontium	86-1	96.02	96.60	97.27	96.63	0.65	ppb
Strontium	88-1	95.83	95.54	96.22	95.86	0.36	ppb
Sulfur	34-1	-1355.21	-1371.84	-1343.30	-1356.78		ppb
Terbium	159-1				116		%
Terbium	159-2				106		%
Thallium	203-1	140.36	138.77	138.80	139.31	0.65	ppb
Thallium	205-1	140.41	137.85	138.77	139.01	0.93	ppb
Tin	118-1	2.99	2.97	3.02	2.99	0.87	ppb
Titanium	47-1	1192.91	1206.76	1222.31	1207.33	1.22	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04MS	Instrumnet Name :	P7
Client Sample ID :	MYE5D6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:19:41	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.37	1.39	1.37	1.38	0.98	ppb
Vanadium	51-2	1630.58	1600.69	1605.82	1612.36	0.99	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	1766.41	1758.56	1741.31	1755.43	0.73	ppb
Zirconium	90-1	20.77	21.10	21.08	20.99	0.88	ppb
Zirconium	91-1	21.00	20.99	21.37	21.12	1.02	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:22:30	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9532.72	9707.30	9512.59	9584.20	1.12	ppb
Antimony	121-1	0.44	0.47	0.48	0.46	4.35	ppb
Arsenic	75-2	26.86	26.27	26.79	26.64	1.21	ppb
Barium	135-1	163.30	170.72	172.76	168.93	2.95	ppb
Barium	137-1	164.99	173.42	172.74	170.38	2.75	ppb
Beryllium	9-1	0.48	0.48	0.48	0.48	0.30	ppb
Bismuth	209-1				118		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.83	0.92	1.00	0.92	9.07	ppb
Cadmium	106-1	-1.16	-1.24	-1.33	-1.25		ppb
Cadmium	111-1	0.78	0.79	0.85	0.81	4.15	ppb
Calcium	43-1	2162.81	2218.02	2282.41	2221.08	2.69	ppb
Calcium	44-1	2044.75	2090.28	2135.93	2090.32	2.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.76	24.16	24.14	24.02	0.95	ppb
Cobalt	59-2	16.62	16.69	16.72	16.67	0.30	ppb
Copper	63-2	119.14	120.93	120.60	120.22	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				98		%
Iron	56-2	28698.62	28951.00	28633.18	28760.93	0.58	ppb
Iron	57-2	28557.48	29136.90	28855.84	28850.07	1.00	ppb
Iron	54-2	28649.87	29115.27	28921.18	28895.44	0.81	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:22:30	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.12	29.30	30.12	29.18	3.45	ppb
Lead	207-1	28.26	29.37	30.26	29.30	3.41	ppb
Lead	208-1	27.98	29.44	29.97	29.13	3.54	ppb
Lithium	6-1				87		%
Magnesium	24-2	3834.83	3918.89	3852.46	3868.73	1.15	ppb
Manganese	55-2	1096.37	1118.06	1126.62	1113.68	1.40	ppb
Molybdenum	94-1	9.42	9.85	10.08	9.78	3.45	ppb
Molybdenum	95-1	0.28	0.27	0.29	0.28	3.02	ppb
Molybdenum	96-1	1.37	1.47	1.48	1.44	4.10	ppb
Molybdenum	97-1	0.27	0.29	0.27	0.27	3.88	ppb
Molybdenum	98-1	0.25	0.26	0.27	0.26	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.58	30.30	30.27	30.38	0.56	ppb
Phosphorus	31-2	572.49	573.48	588.61	578.19	1.56	ppb
Potassium	39-2	1980.37	2046.17	2019.53	2015.36	1.64	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	-0.14	0.07	-0.22	-0.10		ppb
Selenium	77-2	4.25	5.15	5.23	4.88	11.22	ppb
Selenium	78-2	1.37	1.22	0.52	1.04	43.72	ppb
Silicon	28-1	419.99	445.62	458.99	441.53	4.49	ppb
Silver	107-1	0.26	0.25	0.26	0.26	0.88	ppb
Silver	109-1	0.25	0.26	0.26	0.25	2.39	ppb
Sodium	23-2	35.29	35.77	35.58	35.55	0.68	ppb
Strontium	86-1	23.51	24.74	25.18	24.48	3.53	ppb
Strontium	88-1	24.04	24.81	25.13	24.66	2.27	ppb
Sulfur	34-1	-1489.83	-1510.96	-1443.24	-1481.34		ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.13	0.13	0.13	3.98	ppb
Thallium	205-1	0.14	0.14	0.14	0.14	1.58	ppb
Tin	118-1	0.64	0.67	0.69	0.67	3.64	ppb
Titanium	47-1	292.53	305.00	315.08	304.20	3.71	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:22:30	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.33	0.33	0.34	0.34	2.40	ppb
Vanadium	51-2	51.14	51.55	51.67	51.45	0.53	ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	82.43	83.37	83.10	82.97	0.58	ppb
Zirconium	90-1	5.15	5.40	5.54	5.37	3.77	ppb
Zirconium	91-1	5.23	5.45	5.56	5.41	3.06	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:25:38	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10047.01	9748.07	9874.21	9889.77	1.52	ppb
Antimony	121-1	0.41	0.39	0.41	0.41	2.53	ppb
Arsenic	75-2	27.72	26.90	27.36	27.33	1.50	ppb
Barium	135-1	174.05	169.63	169.36	171.01	1.54	ppb
Barium	137-1	172.97	168.45	170.99	170.80	1.33	ppb
Beryllium	9-1	0.54	0.52	0.54	0.53	2.04	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	0.85	0.80	0.89	12.91	ppb
Cadmium	106-1	-0.70	-1.51	-1.14	-1.12		ppb
Cadmium	111-1	0.88	0.85	0.86	0.86	2.04	ppb
Calcium	43-1	2389.03	2373.90	2358.54	2373.82	0.64	ppb
Calcium	44-1	2287.31	2207.79	2190.62	2228.58	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.30	23.94	24.08	24.11	0.75	ppb
Cobalt	59-2	16.99	16.66	16.80	16.81	0.97	ppb
Copper	63-2	123.61	120.68	123.09	122.46	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	28911.72	28574.33	28658.27	28714.77	0.61	ppb
Iron	57-2	29188.27	28616.88	28863.88	28889.68	0.99	ppb
Iron	54-2	29170.82	29069.92	28820.76	29020.50	0.62	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:25:38	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.34	31.27	31.31	31.64	1.92	ppb
Lead	207-1	32.42	31.22	31.46	31.70	2.01	ppb
Lead	208-1	32.26	31.00	31.18	31.48	2.18	ppb
Lithium	6-1				85		%
Magnesium	24-2	3955.04	3840.57	3889.69	3895.10	1.47	ppb
Manganese	55-2	1093.13	1088.75	1083.72	1088.53	0.43	ppb
Molybdenum	94-1	10.31	10.13	10.09	10.18	1.18	ppb
Molybdenum	95-1	0.30	0.29	0.27	0.28	4.37	ppb
Molybdenum	96-1	1.51	1.49	1.53	1.51	1.56	ppb
Molybdenum	97-1	0.26	0.28	0.31	0.29	8.92	ppb
Molybdenum	98-1	0.28	0.27	0.29	0.28	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.26	30.49	30.85	30.87	1.24	ppb
Phosphorus	31-2	608.41	606.32	598.30	604.34	0.88	ppb
Potassium	39-2	2079.92	2051.15	2050.79	2060.62	0.81	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	-0.02	0.31	-0.11	0.06	376.09	ppb
Selenium	77-2	6.64	5.71	5.78	6.04	8.53	ppb
Selenium	78-2	0.79	0.95	1.46	1.07	33.03	ppb
Silicon	28-1	484.42	470.01	473.61	476.02	1.58	ppb
Silver	107-1	0.28	0.27	0.26	0.27	3.17	ppb
Silver	109-1	0.27	0.26	0.26	0.27	1.55	ppb
Sodium	23-2	35.02	33.37	34.49	34.29	2.47	ppb
Strontium	86-1	26.63	26.26	26.17	26.35	0.93	ppb
Strontium	88-1	26.69	26.30	26.18	26.39	1.00	ppb
Sulfur	34-1	-1356.04	-1413.80	-1426.32	-1398.72		ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.15	0.14	0.14	0.14	3.68	ppb
Thallium	205-1	0.14	0.14	0.13	0.14	3.05	ppb
Tin	118-1	0.71	0.71	0.71	0.71	0.37	ppb
Titanium	47-1	325.82	322.62	320.37	322.94	0.85	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:25:38	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.37	0.36	0.36	0.36	2.17	ppb
Vanadium	51-2	52.81	51.59	51.74	52.05	1.28	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	82.12	81.37	81.09	81.52	0.65	ppb
Zirconium	90-1	5.70	5.61	5.60	5.64	1.00	ppb
Zirconium	91-1	5.69	5.66	5.64	5.66	0.42	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5D6L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 07:28:44	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1847.90	1869.08	1862.70	1859.90	0.58	ppb
Antimony	121-1	0.08	0.08	0.09	0.08	7.81	ppb
Arsenic	75-2	5.26	5.12	5.38	5.25	2.45	ppb
Barium	135-1	30.63	33.15	34.33	32.70	5.78	ppb
Barium	137-1	31.09	33.47	34.28	32.95	5.04	ppb
Beryllium	9-1	0.06	0.11	0.10	0.09	24.88	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.14	0.15	0.15	4.38	ppb
Cadmium	106-1	-1.93	-2.33	-1.98	-2.08		ppb
Cadmium	111-1	0.13	0.14	0.15	0.14	5.56	ppb
Calcium	43-1	404.65	444.01	446.98	431.88	5.47	ppb
Calcium	44-1	375.54	417.69	430.32	407.85	7.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.73	4.73	4.75	4.74	0.22	ppb
Cobalt	59-2	3.22	3.23	3.19	3.21	0.73	ppb
Copper	63-2	23.31	23.18	23.40	23.30	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				99		%
Iron	56-2	5484.85	5535.29	5523.80	5514.65	0.48	ppb
Iron	57-2	5751.52	5726.34	5777.69	5751.85	0.45	ppb
Iron	54-2	5534.28	5618.62	5630.61	5594.50	0.94	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5D6L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 07:28:44	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.33	5.72	5.92	5.66	5.24	ppb
Lead	207-1	5.31	5.70	5.93	5.65	5.56	ppb
Lead	208-1	5.30	5.69	5.86	5.62	5.16	ppb
Lithium	6-1				88		%
Magnesium	24-2	736.89	729.72	730.18	732.26	0.55	ppb
Manganese	55-2	218.90	216.57	217.85	217.77	0.54	ppb
Molybdenum	94-1	1.77	1.91	1.95	1.88	5.05	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.05	5.79	ppb
Molybdenum	96-1	0.26	0.30	0.27	0.28	6.72	ppb
Molybdenum	97-1	0.05	0.05	0.05	0.05	4.52	ppb
Molybdenum	98-1	0.04	0.05	0.06	0.05	19.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.14	5.86	5.99	6.00	2.36	ppb
Phosphorus	31-2	97.50	100.17	98.23	98.64	1.40	ppb
Potassium	39-2	409.34	408.56	411.99	409.96	0.44	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	-0.19	-0.46	-0.41	-0.35		ppb
Selenium	77-2	1.12	1.03	1.03	1.06	5.10	ppb
Selenium	78-2	0.37	0.08	-0.02	0.15	139.58	ppb
Silicon	28-1	70.99	80.25	84.07	78.44	8.58	ppb
Silver	107-1	0.04	0.05	0.04	0.04	5.21	ppb
Silver	109-1	0.04	0.04	0.04	0.04	1.92	ppb
Sodium	23-2	8.86	9.52	9.11	9.16	3.59	ppb
Strontium	86-1	4.36	4.87	4.91	4.71	6.59	ppb
Strontium	88-1	4.48	4.91	5.00	4.80	5.76	ppb
Sulfur	34-1	-1638.31	-1498.67	-1462.67	-1533.21		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.03	0.03	0.03	1.79	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	5.52	ppb
Tin	118-1	0.07	0.08	0.08	0.08	10.59	ppb
Titanium	47-1	54.94	59.82	61.70	58.82	5.93	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5D6L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 07:28:44	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.07	0.06	0.06	4.55	ppb
Vanadium	51-2	9.82	9.91	9.88	9.87	0.48	ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	16.07	15.84	16.34	16.08	1.56	ppb
Zirconium	90-1	0.96	1.06	1.09	1.04	6.47	ppb
Zirconium	91-1	0.98	1.06	1.05	1.03	4.11	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:32:00	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9719.62	9743.59	9800.40	9754.54	0.43	ppb
Antimony	121-1	13.43	13.86	13.89	13.73	1.86	ppb
Arsenic	75-2	32.03	31.99	32.06	32.03	0.10	ppb
Barium	135-1	425.78	444.13	439.40	436.44	2.18	ppb
Barium	137-1	425.59	439.66	437.81	434.35	1.76	ppb
Beryllium	9-1	7.04	6.85	6.86	6.92	1.57	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.50	7.20	6.93	6.88	5.13	ppb
Cadmium	106-1	5.10	4.48	4.15	4.58	10.54	ppb
Cadmium	111-1	7.23	7.56	7.43	7.40	2.25	ppb
Calcium	43-1	2229.48	2286.77	2332.93	2283.06	2.27	ppb
Calcium	44-1	2056.92	2156.04	2179.11	2130.69	3.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.39	51.80	52.54	52.24	0.74	ppb
Cobalt	59-2	88.40	88.21	88.63	88.41	0.24	ppb
Copper	63-2	153.05	153.72	155.10	153.96	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	28231.95	28243.75	28618.65	28364.78	0.78	ppb
Iron	57-2	28429.22	28083.08	28561.80	28358.03	0.87	ppb
Iron	54-2	28247.83	28301.65	29003.30	28517.60	1.48	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:32:00	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.67	32.94	33.71	33.11	1.64	ppb
Lead	207-1	33.09	32.88	33.53	33.16	1.00	ppb
Lead	208-1	32.69	32.81	33.30	32.93	0.98	ppb
Lithium	6-1				88		%
Magnesium	24-2	3769.09	3772.40	3845.92	3795.80	1.14	ppb
Manganese	55-2	1155.04	1153.88	1167.43	1158.78	0.65	ppb
Molybdenum	94-1	9.86	9.93	10.04	9.94	0.90	ppb
Molybdenum	95-1	0.28	0.30	0.29	0.29	2.86	ppb
Molybdenum	96-1	1.44	1.50	1.49	1.48	2.40	ppb
Molybdenum	97-1	0.28	0.29	0.27	0.28	3.66	ppb
Molybdenum	98-1	0.28	0.29	0.28	0.28	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.82	103.05	104.11	103.66	0.53	ppb
Phosphorus	31-2	574.35	571.90	596.74	581.00	2.36	ppb
Potassium	39-2	1965.03	1990.03	2058.37	2004.48	2.41	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	15.52	15.04	14.98	15.18	1.94	ppb
Selenium	77-2	19.15	19.67	18.79	19.21	2.32	ppb
Selenium	78-2	15.90	17.96	15.93	16.60	7.12	ppb
Silicon	28-1	453.18	459.34	460.60	457.71	0.87	ppb
Silver	107-1	5.77	6.05	6.00	5.94	2.53	ppb
Silver	109-1	5.80	6.04	6.01	5.95	2.21	ppb
Sodium	23-2	28.53	28.99	29.83	29.12	2.26	ppb
Strontium	86-1	24.86	25.46	25.60	25.30	1.55	ppb
Strontium	88-1	25.37	25.40	25.62	25.46	0.54	ppb
Sulfur	34-1	-1437.88	-1479.16	-1469.98	-1462.34		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	6.87	6.83	6.86	6.86	0.29	ppb
Thallium	205-1	6.66	6.76	6.87	6.77	1.54	ppb
Tin	118-1	1.03	1.03	1.01	1.02	0.84	ppb
Titanium	47-1	306.35	315.07	320.02	313.81	2.21	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:32:00	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.35	0.35	0.35	0.40	ppb
Vanadium	51-2	119.61	119.34	120.86	119.94	0.67	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	150.32	149.54	152.46	150.77	1.00	ppb
Zirconium	90-1	5.41	5.48	5.51	5.47	0.94	ppb
Zirconium	91-1	5.47	5.56	5.54	5.52	0.80	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:35:05	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10512.05	10783.88	10807.14	10701.03	1.53	ppb
Antimony	121-1	65.78	66.36	68.41	66.85	2.07	ppb
Arsenic	75-2	52.82	53.85	53.65	53.44	1.02	ppb
Barium	135-1	1447.20	1469.98	1497.05	1471.41	1.70	ppb
Barium	137-1	1475.30	1468.93	1500.37	1481.53	1.12	ppb
Beryllium	9-1	32.32	33.00	34.73	33.35	3.72	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	30.20	30.73	31.83	30.92	2.70	ppb
Cadmium	106-1	27.11	27.48	27.34	27.31	0.67	ppb
Cadmium	111-1	33.34	33.49	34.44	33.75	1.77	ppb
Calcium	43-1	2032.13	2084.29	2143.67	2086.70	2.67	ppb
Calcium	44-1	2018.46	2029.78	2066.45	2038.23	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	171.33	179.38	176.06	175.59	2.30	ppb
Cobalt	59-2	399.26	407.28	399.50	402.01	1.14	ppb
Copper	63-2	296.82	306.54	301.69	301.68	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	56-2	28146.51	29027.28	28488.34	28554.04	1.56	ppb
Iron	57-2	28321.61	28774.62	28186.00	28427.41	1.08	ppb
Iron	54-2	28464.78	29453.14	28847.02	28921.65	1.72	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:35:05	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.67	41.85	42.12	41.55	1.85	ppb
Lead	207-1	40.49	41.99	42.28	41.59	2.31	ppb
Lead	208-1	40.54	41.67	42.10	41.44	1.95	ppb
Lithium	6-1				89		%
Magnesium	24-2	3672.74	3738.79	3725.30	3712.28	0.94	ppb
Manganese	55-2	1418.34	1468.79	1432.87	1440.00	1.80	ppb
Molybdenum	94-1	9.13	9.28	9.53	9.31	2.16	ppb
Molybdenum	95-1	0.28	0.27	0.29	0.28	4.02	ppb
Molybdenum	96-1	1.37	1.40	1.45	1.40	2.83	ppb
Molybdenum	97-1	0.25	0.26	0.26	0.26	1.23	ppb
Molybdenum	98-1	0.25	0.27	0.28	0.27	4.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	418.34	429.72	416.32	421.46	1.71	ppb
Phosphorus	31-2	547.94	561.65	557.62	555.74	1.27	ppb
Potassium	39-2	1961.80	1962.45	1980.11	1968.12	0.53	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	72.82	74.87	75.41	74.37	1.84	ppb
Selenium	77-2	81.98	84.38	78.51	81.62	3.61	ppb
Selenium	78-2	78.12	78.33	77.72	78.06	0.40	ppb
Silicon	28-1	409.31	415.68	420.47	415.15	1.35	ppb
Silver	107-1	27.94	28.27	29.30	28.50	2.49	ppb
Silver	109-1	28.02	28.39	29.16	28.52	2.03	ppb
Sodium	23-2	28.60	29.95	28.81	29.12	2.50	ppb
Strontium	86-1	23.23	23.45	23.93	23.54	1.52	ppb
Strontium	88-1	23.52	23.43	24.30	23.75	2.01	ppb
Sulfur	34-1	-1603.09	-1587.82	-1594.06	-1594.99		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	32.97	34.01	33.93	33.63	1.72	ppb
Thallium	205-1	31.99	32.14	32.92	32.35	1.55	ppb
Tin	118-1	0.68	0.65	0.69	0.67	2.93	ppb
Titanium	47-1	280.65	284.98	292.25	285.96	2.05	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:35:05	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.32	0.32	0.32	2.45	ppb
Vanadium	51-2	408.65	423.48	415.59	415.91	1.78	ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%
Zinc	66-2	459.50	466.21	460.15	461.95	0.80	ppb
Zirconium	90-1	5.03	5.07	5.23	5.11	2.10	ppb
Zirconium	91-1	5.01	5.09	5.31	5.14	3.07	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-01	Instrumnet Name :	P7
Client Sample ID :	MYE5D3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:38:54	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63757.07	63192.44	63187.70	63379.07	0.52	ppb
Antimony	121-1	1.12	1.11	1.14	1.12	1.40	ppb
Arsenic	75-2	152.77	149.10	150.16	150.68	1.25	ppb
Barium	135-1	827.57	824.75	810.22	820.84	1.13	ppb
Barium	137-1	826.82	818.92	819.28	821.68	0.54	ppb
Beryllium	9-1	2.64	2.70	2.77	2.71	2.46	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.36	2.16	2.08	2.20	6.56	ppb
Cadmium	106-1	1.16	0.93	1.20	1.10	13.30	ppb
Cadmium	111-1	1.63	1.57	1.56	1.59	2.31	ppb
Calcium	43-1	14233.77	13956.25	13904.97	14031.66	1.26	ppb
Calcium	44-1	13237.90	13048.77	13057.49	13114.72	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137.52	139.05	136.22	137.60	1.03	ppb
Cobalt	59-2	74.78	74.51	73.86	74.38	0.63	ppb
Copper	63-2	206.89	208.37	201.48	205.58	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	152737.03	155468.24	151555.53	153253.60	1.31	ppb
Iron	57-2	153265.20	154443.04	150839.83	152849.36	1.20	ppb
Iron	54-2	154120.60	155971.62	152597.37	154229.86	1.10	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-01	Instrumnet Name :	P7
Client Sample ID :	MYE5D3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:38:54	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.07	66.63	66.78	66.83	0.34	ppb
Lead	207-1	66.02	65.40	66.13	65.85	0.59	ppb
Lead	208-1	65.22	64.61	65.80	65.21	0.91	ppb
Lithium	6-1				81		%
Magnesium	24-2	24446.54	24152.72	24334.04	24311.10	0.61	ppb
Manganese	55-2	5103.32	5114.76	4983.22	5067.10	1.44	ppb
Molybdenum	94-1	28.50	28.48	28.50	28.49	0.05	ppb
Molybdenum	95-1	1.34	1.34	1.33	1.34	0.62	ppb
Molybdenum	96-1	5.16	5.13	5.05	5.12	1.14	ppb
Molybdenum	97-1	1.26	1.29	1.34	1.30	3.07	ppb
Molybdenum	98-1	1.28	1.28	1.26	1.27	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.06	128.92	126.00	127.66	1.18	ppb
Phosphorus	31-2	1528.24	1522.61	1497.45	1516.10	1.08	ppb
Potassium	39-2	6315.23	6170.59	6311.77	6265.86	1.32	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.67	0.71	0.43	0.60	25.35	ppb
Selenium	77-2	22.93	24.32	22.24	23.16	4.57	ppb
Selenium	78-2	5.18	4.78	4.13	4.70	11.23	ppb
Silicon	28-1	1769.30	1707.17	1696.87	1724.45	2.27	ppb
Silver	107-1	0.38	0.35	0.34	0.35	5.41	ppb
Silver	109-1	0.36	0.35	0.36	0.36	1.50	ppb
Sodium	23-2	177.53	178.16	176.75	177.48	0.40	ppb
Strontium	86-1	108.04	107.93	107.12	107.69	0.47	ppb
Strontium	88-1	109.08	108.05	107.74	108.29	0.65	ppb
Sulfur	34-1	-1241.74	-1326.50	-1324.39	-1297.54		ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.60	0.60	0.58	0.59	1.60	ppb
Thallium	205-1	0.59	0.57	0.58	0.58	1.14	ppb
Tin	118-1	2.72	2.68	2.73	2.71	1.01	ppb
Titanium	47-1	1018.59	1009.51	1020.43	1016.18	0.58	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-01	Instrumnet Name :	P7
Client Sample ID :	MYE5D3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:38:54	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.60	1.61	1.62	1.61	0.65	ppb
Vanadium	51-2	287.12	288.63	284.68	286.81	0.69	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	254.36	256.99	250.02	253.79	1.39	ppb
Zirconium	90-1	15.57	15.45	15.32	15.45	0.82	ppb
Zirconium	91-1	15.61	15.56	15.57	15.58	0.16	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:41:54	DataFile Name :	166CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50705.18	49722.34	49849.39	50092.30	1.07	ppb
Antimony	121-1	504.23	496.61	491.19	497.34	1.32	ppb
Arsenic	75-2	518.09	518.86	517.61	518.19	0.12	ppb
Barium	135-1	2430.78	2403.25	2372.52	2402.18	1.21	ppb
Barium	137-1	2455.67	2406.27	2386.31	2416.08	1.48	ppb
Beryllium	9-1	481.94	499.33	479.69	486.99	2.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	496.70	493.54	491.69	493.98	0.51	ppb
Cadmium	106-1	498.77	498.40	493.89	497.02	0.55	ppb
Cadmium	111-1	509.07	506.68	500.21	505.32	0.91	ppb
Calcium	43-1	221078.91	216595.16	215043.78	217572.62	1.44	ppb
Calcium	44-1	233763.32	229806.23	226889.39	230152.98	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.34	497.03	498.22	501.20	1.24	ppb
Cobalt	59-2	542.65	533.38	533.24	536.42	1.01	ppb
Copper	63-2	5267.93	5151.14	5168.98	5196.02	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	128318.80	123917.53	125034.23	125756.85	1.82	ppb
Iron	57-2	129571.37	126669.62	126922.00	127721.00	1.26	ppb
Iron	54-2	129134.76	125084.99	126020.31	126746.68	1.67	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:41:54	DataFile Name :	166CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2559.50	2537.24	2461.02	2519.25	2.05	ppb
Lead	207-1	2533.17	2519.14	2467.90	2506.74	1.37	ppb
Lead	208-1	2552.80	2507.28	2468.28	2509.45	1.69	ppb
Lithium	6-1				82		%
Magnesium	24-2	267393.27	266887.41	267399.12	267226.60	0.11	ppb
Manganese	55-2	5029.27	4868.96	4879.60	4925.94	1.82	ppb
Molybdenum	94-1	5099.90	4983.11	4965.97	5016.33	1.45	ppb
Molybdenum	95-1	5097.70	4956.90	4952.34	5002.31	1.65	ppb
Molybdenum	96-1	5076.49	4963.61	4958.09	4999.40	1.34	ppb
Molybdenum	97-1	5048.58	4935.27	4967.07	4983.64	1.17	ppb
Molybdenum	98-1	5068.07	4969.68	4990.06	5009.27	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.76	530.62	526.21	529.53	0.55	ppb
Phosphorus	31-2	9793.88	9727.19	9752.92	9758.00	0.34	ppb
Potassium	39-2	122409.69	119802.09	121694.64	121302.14	1.11	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	516.52	509.73	509.75	512.00	0.76	ppb
Selenium	77-2	498.81	489.92	499.72	496.15	1.09	ppb
Selenium	78-2	495.84	494.93	495.42	495.40	0.09	ppb
Silicon	28-1	169.62	163.59	165.77	166.33	1.84	ppb
Silver	107-1	496.54	493.67	491.95	494.05	0.47	ppb
Silver	109-1	505.16	490.53	488.47	494.72	1.84	ppb
Sodium	23-2	253623.43	253082.96	249466.81	252057.73	0.90	ppb
Strontium	86-1	545.32	528.01	535.59	536.30	1.62	ppb
Strontium	88-1	553.57	535.92	539.09	542.86	1.73	ppb
Sulfur	34-1	9047.79	8673.84	8553.19	8758.27	2.94	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	506.55	501.92	494.63	501.03	1.20	ppb
Thallium	205-1	513.56	500.26	490.88	501.57	2.27	ppb
Tin	118-1	490.12	482.41	484.39	485.64	0.83	ppb
Titanium	47-1	5063.72	4921.76	4866.19	4950.56	2.06	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:41:54	DataFile Name :	166CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	520.96	517.31	503.81	514.03	1.76	ppb
Vanadium	51-2	515.82	503.46	515.14	511.47	1.36	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	5183.02	5103.36	5060.35	5115.58	1.22	ppb
Zirconium	90-1	508.68	499.70	495.58	501.32	1.34	ppb
Zirconium	91-1	510.76	497.64	501.18	503.19	1.35	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:44:37	DataFile Name :	167CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.67	0.52	0.56	0.58	13.23	ppb
Antimony	121-1	0.16	0.21	0.28	0.22	28.13	ppb
Arsenic	75-2	0.00	0.03	0.02	0.02	74.91	ppb
Barium	135-1	0.14	0.09	0.06	0.10	42.28	ppb
Barium	137-1	0.13	0.09	0.05	0.09	40.80	ppb
Beryllium	9-1	0.05	0.02	0.02	0.03	64.67	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.04	0.04	0.04	10.31	ppb
Cadmium	106-1	-0.99	-1.02	-1.38	-1.13		ppb
Cadmium	111-1	0.03	0.02	0.01	0.02	56.23	ppb
Calcium	43-1	8.85	5.15	3.05	5.68	51.65	ppb
Calcium	44-1	1.18	-4.37	-6.28	-3.16		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	15.05	ppb
Copper	63-2	0.11	0.13	0.10	0.11	9.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	2.44	2.24	2.08	2.25	8.01	ppb
Iron	57-2	0.93	1.80	0.88	1.20	43.09	ppb
Iron	54-2	2.23	2.00	1.36	1.86	24.09	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:44:37	DataFile Name :	167CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.09	0.07	0.10	38.48	ppb
Lead	207-1	0.14	0.10	0.07	0.11	31.85	ppb
Lead	208-1	0.15	0.10	0.07	0.10	36.69	ppb
Lithium	6-1				92		%
Magnesium	24-2	5.06	4.72	4.00	4.59	11.78	ppb
Manganese	55-2	-0.04	-0.05	-0.06	-0.05		ppb
Molybdenum	94-1	0.36	0.34	0.32	0.34	5.88	ppb
Molybdenum	95-1	0.32	0.26	0.23	0.27	17.22	ppb
Molybdenum	96-1	0.34	0.24	0.23	0.27	21.43	ppb
Molybdenum	97-1	0.32	0.25	0.25	0.28	14.44	ppb
Molybdenum	98-1	0.34	0.24	0.23	0.27	23.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.14	0.12	0.14	12.99	ppb
Phosphorus	31-2	-18.04	-17.43	-20.02	-18.50		ppb
Potassium	39-2	10.03	11.72	11.01	10.92	7.79	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.09	-0.18	-0.10	-0.06		ppb
Selenium	77-2	-0.05	0.03	-0.05	-0.03		ppb
Selenium	78-2	0.66	0.68	-0.01	0.44	88.84	ppb
Silicon	28-1	-7.15	-7.10	-7.44	-7.23		ppb
Silver	107-1	0.04	0.03	0.02	0.03	34.33	ppb
Silver	109-1	0.04	0.03	0.02	0.03	27.16	ppb
Sodium	23-2	12.00	12.10	10.45	11.52	8.03	ppb
Strontium	86-1	0.01	0.01	0.01	0.01	11.37	ppb
Strontium	88-1	0.03	0.02	0.01	0.02	44.69	ppb
Sulfur	34-1	-613.27	-630.12	-570.63	-604.67		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.07	0.07	0.08	18.55	ppb
Thallium	205-1	0.09	0.08	0.07	0.08	14.51	ppb
Tin	118-1	-0.01	-0.03	-0.03	-0.02		ppb
Titanium	47-1	0.25	0.15	0.09	0.16	50.88	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:44:37	DataFile Name :	167CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.01	0.02	38.49	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	11.36	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	0.15	0.11	0.17	0.14	19.65	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	12.24	ppb
Zirconium	91-1	0.06	0.06	0.07	0.06	11.31	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-02	Instrumnet Name :	P7
Client Sample ID :	MYE5D4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:47:51	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34216.69	34457.01	35083.82	34585.84	1.29	ppb
Antimony	121-1	2.30	2.37	2.37	2.35	1.66	ppb
Arsenic	75-2	148.36	149.80	149.69	149.28	0.54	ppb
Barium	135-1	1007.48	1010.20	995.25	1004.31	0.79	ppb
Barium	137-1	1021.20	1016.20	1002.81	1013.40	0.94	ppb
Beryllium	9-1	2.22	2.02	2.11	2.12	4.69	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.94	4.66	4.89	4.83	3.10	ppb
Cadmium	106-1	5.67	4.84	4.41	4.97	12.94	ppb
Cadmium	111-1	4.64	4.74	4.74	4.71	1.24	ppb
Calcium	43-1	6610.04	6641.17	6527.45	6592.88	0.89	ppb
Calcium	44-1	6170.53	6252.44	6108.87	6177.28	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.55	102.68	103.79	103.34	0.57	ppb
Cobalt	59-2	70.40	70.04	71.45	70.63	1.03	ppb
Copper	63-2	706.27	706.75	716.39	709.80	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	118167.86	118032.88	120680.26	118960.34	1.25	ppb
Iron	57-2	118819.08	117896.83	120687.86	119134.59	1.19	ppb
Iron	54-2	120099.15	118837.34	120473.40	119803.30	0.72	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-02	Instrumnet Name :	P7
Client Sample ID :	MYE5D4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:47:51	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	159.62	160.81	154.80	158.41	2.01	ppb
Lead	207-1	160.13	163.46	162.38	161.99	1.05	ppb
Lead	208-1	160.32	161.22	158.67	160.07	0.81	ppb
Lithium	6-1				84		%
Magnesium	24-2	14617.53	14494.48	14694.83	14602.28	0.69	ppb
Manganese	55-2	8995.31	8966.37	9160.53	9040.74	1.16	ppb
Molybdenum	94-1	21.27	21.38	21.19	21.28	0.44	ppb
Molybdenum	95-1	2.21	2.28	2.30	2.26	2.20	ppb
Molybdenum	96-1	4.87	4.93	4.90	4.90	0.69	ppb
Molybdenum	97-1	2.09	2.14	2.16	2.13	1.67	ppb
Molybdenum	98-1	2.09	2.10	2.09	2.09	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.32	113.38	114.72	113.81	0.70	ppb
Phosphorus	31-2	2019.00	2021.72	2058.62	2033.11	1.09	ppb
Potassium	39-2	9916.52	9890.83	9977.80	9928.38	0.45	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	0.64	0.68	0.86	0.73	16.18	ppb
Selenium	77-2	21.15	22.43	19.13	20.90	7.96	ppb
Selenium	78-2	4.81	5.53	5.62	5.32	8.32	ppb
Silicon	28-1	1670.04	1647.12	1614.27	1643.81	1.71	ppb
Silver	107-1	1.29	1.29	1.29	1.29	0.22	ppb
Silver	109-1	1.30	1.30	1.27	1.29	1.43	ppb
Sodium	23-2	133.60	133.90	138.00	135.17	1.82	ppb
Strontium	86-1	73.61	73.99	73.11	73.57	0.60	ppb
Strontium	88-1	74.43	73.42	73.62	73.82	0.72	ppb
Sulfur	34-1	-863.03	-1070.49	-1187.69	-1040.40		ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.75	0.71	0.79	0.75	5.49	ppb
Thallium	205-1	0.74	0.71	0.75	0.73	2.45	ppb
Tin	118-1	2.82	2.85	2.82	2.83	0.66	ppb
Titanium	47-1	1218.98	1215.55	1200.74	1211.75	0.80	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-02	Instrumnet Name :	P7
Client Sample ID :	MYE5D4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:47:51	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.90	1.92	1.95	1.92	1.32	ppb
Vanadium	51-2	220.83	218.30	223.77	220.97	1.24	ppb
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	394.97	396.05	404.63	398.55	1.33	ppb
Zirconium	90-1	10.94	11.00	10.97	10.97	0.27	ppb
Zirconium	91-1	11.09	11.17	11.22	11.16	0.61	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-03	Instrumnet Name :	P7
Client Sample ID :	MYE5D5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:50:52	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39568.76	39810.24	39509.29	39629.43	0.40	ppb
Antimony	121-1	1.27	1.31	1.29	1.29	1.76	ppb
Arsenic	75-2	149.21	145.91	147.00	147.38	1.14	ppb
Barium	135-1	624.59	641.43	647.94	637.99	1.89	ppb
Barium	137-1	624.41	640.90	644.45	636.59	1.68	ppb
Beryllium	9-1	1.84	1.88	1.90	1.88	1.65	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.61	2.85	2.96	2.81	6.49	ppb
Cadmium	106-1	1.26	1.83	1.08	1.39	28.14	ppb
Cadmium	111-1	2.52	2.55	2.59	2.55	1.47	ppb
Calcium	43-1	8228.07	8247.05	8340.18	8271.77	0.73	ppb
Calcium	44-1	7707.78	7734.34	7674.88	7705.67	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.61	96.68	95.46	95.92	0.69	ppb
Cobalt	59-2	53.13	53.51	53.39	53.35	0.36	ppb
Copper	63-2	413.10	413.85	408.54	411.83	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	103161.67	105324.23	103644.06	104043.32	1.09	ppb
Iron	57-2	103949.93	103910.50	106056.63	104639.02	1.17	ppb
Iron	54-2	103391.65	106127.69	106042.44	105187.26	1.48	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-03	Instrumnet Name :	P7
Client Sample ID :	MYE5D5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:50:52	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	130.41	131.49	130.39	130.76	0.48	ppb
Lead	207-1	132.34	133.60	131.25	132.40	0.89	ppb
Lead	208-1	131.76	132.06	131.08	131.63	0.38	ppb
Lithium	6-1				82		%
Magnesium	24-2	16219.24	16362.77	16295.95	16292.65	0.44	ppb
Manganese	55-2	4250.37	4361.46	4302.89	4304.91	1.29	ppb
Molybdenum	94-1	19.90	20.21	20.20	20.11	0.88	ppb
Molybdenum	95-1	1.15	1.15	1.19	1.17	2.04	ppb
Molybdenum	96-1	3.82	3.78	3.80	3.80	0.58	ppb
Molybdenum	97-1	1.16	1.09	1.13	1.13	3.12	ppb
Molybdenum	98-1	1.10	1.11	1.13	1.11	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.71	86.83	85.60	86.05	0.79	ppb
Phosphorus	31-2	1510.91	1506.03	1497.46	1504.80	0.45	ppb
Potassium	39-2	6919.76	7087.90	6988.48	6998.71	1.21	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.74	0.55	0.46	0.58	24.20	ppb
Selenium	77-2	17.32	18.05	17.94	17.77	2.20	ppb
Selenium	78-2	4.27	4.34	3.81	4.14	6.93	ppb
Silicon	28-1	1883.72	1862.44	1860.63	1868.93	0.69	ppb
Silver	107-1	0.97	0.98	0.98	0.97	0.71	ppb
Silver	109-1	0.95	0.98	0.97	0.97	1.63	ppb
Sodium	23-2	190.31	193.28	192.88	192.16	0.84	ppb
Strontium	86-1	68.59	68.59	69.09	68.76	0.41	ppb
Strontium	88-1	68.75	69.17	69.11	69.01	0.33	ppb
Sulfur	34-1	-1439.17	-1480.54	-1527.08	-1482.26		ppb
Terbium	159-1				114		%
Terbium	159-2				103		%
Thallium	203-1	0.49	0.50	0.47	0.49	2.82	ppb
Thallium	205-1	0.49	0.49	0.48	0.48	1.26	ppb
Tin	118-1	2.72	2.79	2.76	2.76	1.38	ppb
Titanium	47-1	924.64	933.24	933.11	930.33	0.53	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-03	Instrumnet Name :	P7
Client Sample ID :	MYE5D5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:50:52	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.19	1.21	1.20	1.20	0.94	ppb
Vanadium	51-2	199.15	199.71	196.48	198.45	0.87	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	283.67	283.01	283.02	283.24	0.13	ppb
Zirconium	90-1	10.96	10.75	10.77	10.83	1.10	ppb
Zirconium	91-1	10.84	10.85	10.83	10.84	0.11	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-07	Instrumnet Name :	P7
Client Sample ID :	MYE5D7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:53:53	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44974.97	44428.42	44616.95	44673.45	0.62	ppb
Antimony	121-1	0.99	0.99	0.99	0.99	0.27	ppb
Arsenic	75-2	134.17	134.56	132.67	133.80	0.74	ppb
Barium	135-1	548.28	539.74	538.79	542.27	0.96	ppb
Barium	137-1	544.56	536.88	542.02	541.15	0.72	ppb
Beryllium	9-1	2.68	2.78	2.69	2.72	2.10	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.75	4.07	4.10	3.97	4.96	ppb
Cadmium	106-1	2.60	3.17	2.63	2.80	11.36	ppb
Cadmium	111-1	3.67	3.65	3.67	3.66	0.29	ppb
Calcium	43-1	13762.22	13442.34	13704.13	13636.23	1.25	ppb
Calcium	44-1	12896.55	12688.52	12795.09	12793.39	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.40	91.16	92.38	92.32	1.21	ppb
Cobalt	59-2	59.81	58.68	58.94	59.14	1.00	ppb
Copper	63-2	472.27	463.74	463.13	466.38	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	88668.84	85575.62	88088.99	87444.48	1.88	ppb
Iron	57-2	88339.14	86842.85	87089.66	87423.89	0.92	ppb
Iron	54-2	89889.77	87620.70	88148.87	88553.11	1.34	ppb
Krypton	83-1						cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-07	Instrumnet Name :	P7
Client Sample ID :	MYE5D7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:53:53	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	140.68	138.96	139.26	139.64	0.66	ppb
Lead	207-1	140.85	139.21	140.01	140.02	0.59	ppb
Lead	208-1	140.78	139.47	139.42	139.89	0.55	ppb
Lithium	6-1				79		%
Magnesium	24-2	17371.45	16945.97	17225.13	17180.85	1.26	ppb
Manganese	55-2	3200.49	3113.48	3185.86	3166.61	1.47	ppb
Molybdenum	94-1	35.11	35.05	34.66	34.94	0.69	ppb
Molybdenum	95-1	0.86	0.85	0.85	0.85	0.94	ppb
Molybdenum	96-1	4.95	4.99	4.91	4.95	0.81	ppb
Molybdenum	97-1	0.80	0.83	0.78	0.80	3.38	ppb
Molybdenum	98-1	0.80	0.80	0.81	0.81	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.64	120.16	121.27	121.35	1.02	ppb
Phosphorus	31-2	2196.92	2151.54	2169.37	2172.61	1.05	ppb
Potassium	39-2	7555.31	7355.46	7478.19	7462.99	1.35	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	0.87	0.87	0.69	0.81	12.75	ppb
Selenium	77-2	23.64	25.35	21.11	23.37	9.13	ppb
Selenium	78-2	6.43	5.66	4.87	5.65	13.80	ppb
Silicon	28-1	1987.95	1941.83	1944.43	1958.07	1.32	ppb
Silver	107-1	1.12	1.08	1.10	1.10	1.89	ppb
Silver	109-1	1.10	1.09	1.09	1.09	0.53	ppb
Sodium	23-2	156.59	152.69	155.02	154.76	1.27	ppb
Strontium	86-1	114.49	115.87	115.32	115.23	0.60	ppb
Strontium	88-1	114.28	116.14	114.09	114.84	0.99	ppb
Sulfur	34-1	-1515.42	-1554.61	-1521.03	-1530.35		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.59	0.56	0.58	0.58	2.25	ppb
Thallium	205-1	0.58	0.56	0.57	0.57	1.12	ppb
Tin	118-1	3.30	3.29	3.28	3.29	0.36	ppb
Titanium	47-1	1192.86	1160.73	1186.65	1180.08	1.44	ppb

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-07	Instrumnet Name :	P7
Client Sample ID :	MYE5D7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:53:53	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.48	1.47	1.45	1.47	0.79	ppb
Vanadium	51-2	176.54	174.39	171.88	174.27	1.34	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	317.95	313.24	313.22	314.80	0.87	ppb
Zirconium	90-1	19.24	19.41	19.09	19.25	0.85	ppb
Zirconium	91-1	19.46	19.50	19.32	19.43	0.48	ppb

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-08	Instrumnet Name :	P7
Client Sample ID :	MYE5D8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:56:54	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51367.59	52277.77	51454.28	51699.88	0.97	ppb
Antimony	121-1	1.02	1.02	1.02	1.02	0.25	ppb
Arsenic	75-2	130.78	129.91	128.77	129.82	0.78	ppb
Barium	135-1	557.48	555.32	547.56	553.45	0.94	ppb
Barium	137-1	553.08	556.79	544.11	551.33	1.18	ppb
Beryllium	9-1	1.44	1.62	1.61	1.55	6.54	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.59	1.57	1.75	1.64	6.10	ppb
Cadmium	106-1	-0.92	-0.91	-0.96	-0.93		ppb
Cadmium	111-1	1.32	1.29	1.26	1.29	2.41	ppb
Calcium	43-1	10026.97	9961.64	10118.81	10035.81	0.79	ppb
Calcium	44-1	9285.15	9353.25	9521.39	9386.59	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	162.46	165.65	159.09	162.40	2.02	ppb
Cobalt	59-2	84.34	84.76	83.86	84.32	0.53	ppb
Copper	63-2	231.06	227.86	226.35	228.42	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	138343.73	138290.88	136309.49	137648.03	0.84	ppb
Iron	57-2	140037.65	139454.07	137733.10	139074.94	0.86	ppb
Iron	54-2	138943.13	141609.18	137626.08	139392.80	1.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-08	Instrumnet Name :	P7
Client Sample ID :	MYE5D8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:56:54	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.31	53.58	53.81	53.56	0.47	ppb
Lead	207-1	53.03	53.77	54.18	53.66	1.08	ppb
Lead	208-1	52.24	53.31	53.05	52.87	1.06	ppb
Lithium	6-1				77		%
Magnesium	24-2	36133.67	36636.70	36103.47	36291.28	0.83	ppb
Manganese	55-2	5849.55	5906.05	5788.53	5848.04	1.01	ppb
Molybdenum	94-1	16.18	16.06	16.13	16.12	0.39	ppb
Molybdenum	95-1	1.52	1.50	1.52	1.51	0.63	ppb
Molybdenum	96-1	3.85	3.84	3.78	3.83	0.94	ppb
Molybdenum	97-1	1.43	1.43	1.42	1.43	0.40	ppb
Molybdenum	98-1	1.41	1.39	1.38	1.39	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.49	131.51	129.42	130.47	0.80	ppb
Phosphorus	31-2	2002.17	2020.59	1993.21	2005.33	0.70	ppb
Potassium	39-2	9328.72	9383.23	9468.32	9393.42	0.75	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.73	0.20	0.17	0.37	85.38	ppb
Selenium	77-2	15.58	15.26	15.46	15.43	1.06	ppb
Selenium	78-2	2.95	2.76	3.36	3.02	10.15	ppb
Silicon	28-1	1944.42	1903.59	1916.94	1921.65	1.08	ppb
Silver	107-1	0.23	0.23	0.22	0.23	1.67	ppb
Silver	109-1	0.23	0.22	0.23	0.23	1.75	ppb
Sodium	23-2	152.07	151.91	149.14	151.04	1.09	ppb
Strontium	86-1	71.05	68.69	70.18	69.97	1.71	ppb
Strontium	88-1	70.78	69.17	69.71	69.88	1.18	ppb
Sulfur	34-1	-1451.09	-1448.05	-1400.86	-1433.34		ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	0.37	0.37	0.38	0.38	1.77	ppb
Thallium	205-1	0.37	0.37	0.38	0.37	1.34	ppb
Tin	118-1	2.22	2.25	2.23	2.23	0.77	ppb
Titanium	47-1	821.37	817.22	844.92	827.84	1.80	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-08	Instrumnet Name :	P7
Client Sample ID :	MYE5D8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:56:54	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.85	0.85	0.85	0.30	ppb
Vanadium	51-2	310.11	318.04	306.01	311.39	1.96	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	285.52	284.56	282.81	284.30	0.48	ppb
Zirconium	90-1	8.42	8.37	8.38	8.39	0.30	ppb
Zirconium	91-1	8.49	8.46	8.59	8.51	0.79	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-09	Instrumnet Name :	P7
Client Sample ID :	MYE5D9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:59:54	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31473.81	32508.06	30331.36	31437.74	3.46	ppb
Antimony	121-1	1.96	2.09	1.95	2.00	3.84	ppb
Arsenic	75-2	150.40	158.75	145.09	151.42	4.55	ppb
Barium	135-1	638.46	664.60	633.09	645.38	2.61	ppb
Barium	137-1	640.70	655.34	624.04	640.02	2.45	ppb
Beryllium	9-1	1.92	1.96	1.91	1.93	1.49	ppb
Bismuth	209-1				119		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.64	3.93	3.57	3.71	5.20	ppb
Cadmium	106-1	2.37	1.87	1.75	2.00	16.51	ppb
Cadmium	111-1	3.65	3.70	3.59	3.65	1.54	ppb
Calcium	43-1	6476.06	6538.33	6272.16	6428.85	2.17	ppb
Calcium	44-1	6126.21	6192.03	5900.47	6072.90	2.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.76	101.37	94.43	97.85	3.55	ppb
Cobalt	59-2	64.43	67.17	62.20	64.60	3.86	ppb
Copper	63-2	419.87	434.29	404.84	419.67	3.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				99		%
Indium	115-1				109		%
Indium	115-2				92		%
Iron	56-2	116277.20	122964.06	112790.94	117344.07	4.41	ppb
Iron	57-2	117827.13	121822.66	113528.43	117726.07	3.52	ppb
Iron	54-2	118818.02	122883.61	113375.86	118359.16	4.03	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-09	Instrumnet Name :	P7
Client Sample ID :	MYE5D9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:59:54	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	141.68	145.04	136.96	141.22	2.87	ppb
Lead	207-1	144.04	145.05	139.97	143.02	1.88	ppb
Lead	208-1	142.46	145.56	137.82	141.94	2.75	ppb
Lithium	6-1				82		%
Magnesium	24-2	15008.57	15587.36	14467.72	15021.21	3.73	ppb
Manganese	55-2	5260.94	5460.03	5027.19	5249.39	4.13	ppb
Molybdenum	94-1	26.18	27.09	26.08	26.45	2.09	ppb
Molybdenum	95-1	1.42	1.45	1.37	1.41	2.73	ppb
Molybdenum	96-1	4.70	4.80	4.59	4.70	2.24	ppb
Molybdenum	97-1	1.35	1.42	1.31	1.36	4.12	ppb
Molybdenum	98-1	1.37	1.41	1.32	1.37	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.52	114.72	104.79	109.34	4.59	ppb
Phosphorus	31-2	2574.76	2696.22	2522.07	2597.68	3.44	ppb
Potassium	39-2	8070.83	8348.49	7763.88	8061.07	3.63	ppb
Rhodium	103-1				107		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	82-1	0.83	0.82	0.66	0.77	12.37	ppb
Selenium	77-2	20.55	22.58	17.91	20.34	11.51	ppb
Selenium	78-2	4.69	5.08	4.36	4.71	7.65	ppb
Silicon	28-1	1836.82	1875.78	1777.67	1830.09	2.70	ppb
Silver	107-1	0.75	0.77	0.74	0.75	2.12	ppb
Silver	109-1	0.77	0.79	0.74	0.77	3.55	ppb
Sodium	23-2	138.01	145.13	132.82	138.65	4.46	ppb
Strontium	86-1	74.71	76.32	73.39	74.80	1.96	ppb
Strontium	88-1	74.94	76.36	72.50	74.60	2.62	ppb
Sulfur	34-1	-1394.71	-1386.57	-1475.27	-1418.85		ppb
Terbium	159-1				119		%
Terbium	159-2				98		%
Thallium	203-1	1.46	1.48	1.39	1.44	3.08	ppb
Thallium	205-1	1.42	1.45	1.38	1.42	2.79	ppb
Tin	118-1	2.65	2.71	2.57	2.64	2.69	ppb
Titanium	47-1	1053.07	1064.80	1023.22	1047.03	2.05	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-09	Instrumnet Name :	P7
Client Sample ID :	MYE5D9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:59:54	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.37	1.37	1.31	1.35	2.73	ppb
Vanadium	51-2	231.25	239.88	221.60	230.91	3.96	ppb
Yttrium	89-1				113		%
Yttrium	89-2				97		%
Zinc	66-2	384.48	404.42	371.95	386.95	4.23	ppb
Zirconium	90-1	14.02	14.48	13.84	14.11	2.36	ppb
Zirconium	91-1	14.27	14.57	13.91	14.25	2.31	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-10	Instrumnet Name :	P7
Client Sample ID :	MYE5E0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:02:55	DataFile Name :	173SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30628.46	29658.21	29920.00	30068.89	1.67	ppb
Antimony	121-1	2.11	2.16	2.17	2.15	1.38	ppb
Arsenic	75-2	109.01	105.27	106.44	106.90	1.79	ppb
Barium	135-1	466.83	462.28	464.44	464.52	0.49	ppb
Barium	137-1	464.76	456.32	463.44	461.51	0.98	ppb
Beryllium	9-1	1.77	1.85	1.94	1.85	4.52	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.33	4.73	5.15	5.07	6.13	ppb
Cadmium	106-1	4.37	3.67	3.72	3.92	10.02	ppb
Cadmium	111-1	4.87	4.90	4.92	4.90	0.56	ppb
Calcium	43-1	7878.81	7798.91	7737.68	7805.13	0.91	ppb
Calcium	44-1	7419.51	7356.43	7262.07	7346.00	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86.77	85.91	86.76	86.48	0.57	ppb
Cobalt	59-2	59.70	58.06	58.76	58.84	1.39	ppb
Copper	63-2	572.14	562.54	567.81	567.50	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	96463.01	95239.50	95304.38	95668.96	0.72	ppb
Iron	57-2	95954.80	94747.48	95129.14	95277.14	0.65	ppb
Iron	54-2	96510.65	95652.27	95589.39	95917.44	0.54	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-10	Instrumnet Name :	P7
Client Sample ID :	MYE5E0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:02:55	DataFile Name :	173SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	164.79	163.92	168.70	165.80	1.54	ppb
Lead	207-1	167.63	169.53	170.44	169.20	0.85	ppb
Lead	208-1	166.13	167.39	168.28	167.27	0.65	ppb
Lithium	6-1				79		%
Magnesium	24-2	13175.52	12846.33	12939.16	12987.00	1.31	ppb
Manganese	55-2	3154.48	3106.35	3152.44	3137.76	0.87	ppb
Molybdenum	94-1	41.44	42.18	41.69	41.77	0.91	ppb
Molybdenum	95-1	1.02	1.14	1.03	1.07	6.03	ppb
Molybdenum	96-1	5.84	6.09	5.89	5.94	2.23	ppb
Molybdenum	97-1	1.01	1.07	1.02	1.03	3.14	ppb
Molybdenum	98-1	0.99	1.06	1.01	1.02	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.53	102.56	103.03	103.71	1.54	ppb
Phosphorus	31-2	2314.19	2303.88	2298.47	2305.51	0.35	ppb
Potassium	39-2	6147.66	6121.93	6205.99	6158.53	0.70	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.54	0.52	0.65	0.57	12.62	ppb
Selenium	77-2	18.53	18.37	18.59	18.50	0.63	ppb
Selenium	78-2	4.34	5.36	4.48	4.72	11.69	ppb
Silicon	28-1	1817.65	1784.83	1788.80	1797.09	1.00	ppb
Silver	107-1	1.23	1.21	1.23	1.22	0.82	ppb
Silver	109-1	1.22	1.20	1.21	1.21	0.93	ppb
Sodium	23-2	130.78	127.73	128.79	129.10	1.20	ppb
Strontium	86-1	82.36	82.94	82.58	82.63	0.35	ppb
Strontium	88-1	82.71	83.05	83.35	83.04	0.39	ppb
Sulfur	34-1	-1498.23	-1512.90	-1512.41	-1507.85		ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	0.50	0.50	0.51	0.50	1.09	ppb
Thallium	205-1	0.49	0.49	0.51	0.50	3.00	ppb
Tin	118-1	3.20	3.20	3.18	3.19	0.33	ppb
Titanium	47-1	1161.38	1169.17	1170.79	1167.11	0.43	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-10	Instrumnet Name :	P7
Client Sample ID :	MYE5E0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:02:55	DataFile Name :	173SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.35	1.38	1.39	1.37	1.74	ppb
Vanadium	51-2	172.35	167.51	171.35	170.40	1.50	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	380.65	371.29	374.56	375.50	1.27	ppb
Zirconium	90-1	22.77	23.28	23.13	23.06	1.13	ppb
Zirconium	91-1	23.23	23.35	23.50	23.36	0.58	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-11	Instrumnet Name :	P7
Client Sample ID :	MYE5E1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:05:53	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41043.10	41689.16	40734.86	41155.71	1.18	ppb
Antimony	121-1	0.54	0.56	0.56	0.56	2.04	ppb
Arsenic	75-2	77.02	77.12	76.71	76.95	0.27	ppb
Barium	135-1	524.73	536.08	533.15	531.32	1.11	ppb
Barium	137-1	519.12	536.18	534.33	529.88	1.77	ppb
Beryllium	9-1	1.39	1.51	1.49	1.46	4.56	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.35	1.35	1.19	1.30	7.32	ppb
Cadmium	106-1	-0.37	-1.04	-1.00	-0.80		ppb
Cadmium	111-1	0.98	1.00	1.00	0.99	1.05	ppb
Calcium	43-1	15387.26	15955.55	15974.87	15772.56	2.12	ppb
Calcium	44-1	14746.83	14990.71	14978.79	14905.44	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114.13	113.24	111.24	112.87	1.31	ppb
Cobalt	59-2	59.37	59.27	57.98	58.88	1.32	ppb
Copper	63-2	235.21	230.37	226.05	230.54	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	92476.66	90526.89	88489.81	90497.78	2.20	ppb
Iron	57-2	91511.60	91112.29	89854.87	90826.26	0.95	ppb
Iron	54-2	92407.87	91431.52	89220.81	91020.07	1.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-11	Instrumnet Name :	P7
Client Sample ID :	MYE5E1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:05:53	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.78	40.35	41.19	40.44	1.76	ppb
Lead	207-1	39.54	40.62	41.15	40.43	2.03	ppb
Lead	208-1	39.39	40.18	40.96	40.17	1.96	ppb
Lithium	6-1				81		%
Magnesium	24-2	26290.86	26285.22	25939.42	26171.83	0.77	ppb
Manganese	55-2	4294.06	4248.41	4176.79	4239.76	1.39	ppb
Molybdenum	94-1	16.42	17.08	17.04	16.85	2.19	ppb
Molybdenum	95-1	0.79	0.82	0.82	0.81	2.34	ppb
Molybdenum	96-1	2.96	3.01	3.07	3.02	1.80	ppb
Molybdenum	97-1	0.76	0.79	0.77	0.78	2.23	ppb
Molybdenum	98-1	0.72	0.75	0.73	0.73	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.97	92.36	88.92	90.75	1.91	ppb
Phosphorus	31-2	1960.90	1965.49	1917.32	1947.90	1.36	ppb
Potassium	39-2	8195.41	8291.20	8107.93	8198.18	1.12	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.07	0.22	0.14	0.14	49.79	ppb
Selenium	77-2	14.25	12.84	14.09	13.73	5.62	ppb
Selenium	78-2	2.79	2.92	2.71	2.81	3.74	ppb
Silicon	28-1	1921.79	1997.74	2008.44	1975.99	2.39	ppb
Silver	107-1	0.19	0.20	0.19	0.19	2.03	ppb
Silver	109-1	0.19	0.19	0.19	0.19	0.60	ppb
Sodium	23-2	139.73	139.50	135.58	138.27	1.69	ppb
Strontium	86-1	64.92	66.91	67.15	66.32	1.84	ppb
Strontium	88-1	64.79	66.65	66.33	65.92	1.51	ppb
Sulfur	34-1	-1409.29	-1365.51	-1321.50	-1365.43		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.30	0.32	0.32	0.31	2.23	ppb
Thallium	205-1	0.31	0.31	0.32	0.31	2.95	ppb
Tin	118-1	1.65	1.76	1.73	1.71	3.33	ppb
Titanium	47-1	906.08	931.10	941.71	926.29	1.97	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-11	Instrumnet Name :	P7
Client Sample ID :	MYE5E1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:05:53	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.79	0.79	0.78	2.30	ppb
Vanadium	51-2	210.26	208.72	203.78	207.59	1.63	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	207.83	207.31	203.83	206.32	1.05	ppb
Zirconium	90-1	8.87	9.22	9.31	9.13	2.57	ppb
Zirconium	91-1	8.99	9.28	9.22	9.17	1.67	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-12	Instrumnet Name :	P7
Client Sample ID :	MYE5E2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:08:57	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35556.78	35287.24	36026.61	35623.54	1.05	ppb
Antimony	121-1	1.59	1.60	1.68	1.62	3.19	ppb
Arsenic	75-2	138.17	138.09	137.39	137.89	0.31	ppb
Barium	135-1	654.82	677.13	696.87	676.27	3.11	ppb
Barium	137-1	659.19	668.82	691.34	673.12	2.45	ppb
Beryllium	9-1	2.03	2.18	2.21	2.14	4.62	ppb
Bismuth	209-1				119		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.86	4.21	4.36	4.14	6.18	ppb
Cadmium	106-1	3.48	3.01	2.48	2.99	16.80	ppb
Cadmium	111-1	3.65	3.71	3.83	3.73	2.40	ppb
Calcium	43-1	10044.10	10517.36	10574.48	10378.65	2.81	ppb
Calcium	44-1	9429.18	9826.75	9840.79	9698.91	2.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110.35	109.97	112.82	111.05	1.39	ppb
Cobalt	59-2	61.92	61.39	63.34	62.22	1.62	ppb
Copper	63-2	405.08	404.87	410.40	406.78	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	56-2	101540.45	101170.21	103821.11	102177.26	1.41	ppb
Iron	57-2	103814.08	101100.18	104189.64	103034.63	1.64	ppb
Iron	54-2	103097.13	103209.08	104448.96	103585.06	0.72	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-12	Instrumnet Name :	P7
Client Sample ID :	MYE5E2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:08:57	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	167.49	169.52	172.98	170.00	1.64	ppb
Lead	207-1	166.07	170.17	178.35	171.53	3.64	ppb
Lead	208-1	166.17	169.58	175.91	170.55	2.90	ppb
Lithium	6-1				84		%
Magnesium	24-2	16190.37	16583.91	16803.33	16525.87	1.88	ppb
Manganese	55-2	5480.38	5478.07	5611.53	5523.32	1.38	ppb
Molybdenum	94-1	40.16	40.92	41.91	41.00	2.14	ppb
Molybdenum	95-1	1.05	1.11	1.12	1.09	3.40	ppb
Molybdenum	96-1	5.70	5.78	5.99	5.82	2.63	ppb
Molybdenum	97-1	0.98	1.03	1.01	1.01	2.28	ppb
Molybdenum	98-1	0.98	1.02	1.06	1.02	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.50	133.29	137.10	134.96	1.44	ppb
Phosphorus	31-2	3409.36	3415.03	3524.83	3449.74	1.89	ppb
Potassium	39-2	6802.06	6828.92	6987.02	6872.66	1.45	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.49	0.45	0.58	0.51	12.99	ppb
Selenium	77-2	23.45	23.24	20.05	22.25	8.56	ppb
Selenium	78-2	5.35	5.25	5.58	5.39	3.11	ppb
Silicon	28-1	1940.11	2004.02	2045.19	1996.44	2.65	ppb
Silver	107-1	0.78	0.79	0.82	0.79	2.53	ppb
Silver	109-1	0.76	0.78	0.82	0.79	4.27	ppb
Sodium	23-2	166.93	169.52	173.08	169.84	1.82	ppb
Strontium	86-1	115.61	118.45	121.77	118.61	2.60	ppb
Strontium	88-1	115.83	119.13	121.60	118.85	2.44	ppb
Sulfur	34-1	-1465.93	-1466.58	-1475.92	-1469.48		ppb
Terbium	159-1				118		%
Terbium	159-2				104		%
Thallium	203-1	0.51	0.54	0.56	0.53	4.90	ppb
Thallium	205-1	0.51	0.52	0.53	0.52	2.16	ppb
Tin	118-1	2.83	2.85	3.00	2.89	3.08	ppb
Titanium	47-1	1284.55	1338.49	1331.34	1318.13	2.22	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-12	Instrumnet Name :	P7
Client Sample ID :	MYE5E2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:08:57	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.38	1.40	1.44	1.41	1.96	ppb
Vanadium	51-2	182.09	181.98	181.11	181.73	0.29	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	371.61	369.12	381.88	374.21	1.81	ppb
Zirconium	90-1	22.00	22.56	23.01	22.52	2.24	ppb
Zirconium	91-1	22.37	22.69	23.33	22.80	2.16	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-13	Instrumnet Name :	P7
Client Sample ID :	MYE5E3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:11:55	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38145.13	39076.60	37507.88	38243.20	2.06	ppb
Antimony	121-1	1.76	1.75	1.79	1.76	1.16	ppb
Arsenic	75-2	135.44	135.18	134.96	135.19	0.18	ppb
Barium	135-1	817.73	783.22	808.76	803.24	2.23	ppb
Barium	137-1	826.95	780.44	804.59	803.99	2.89	ppb
Beryllium	9-1	2.13	2.21	2.43	2.26	6.79	ppb
Bismuth	209-1				118		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.16	4.28	4.68	4.37	6.18	ppb
Cadmium	106-1	3.25	2.59	2.97	2.94	11.22	ppb
Cadmium	111-1	4.12	4.02	4.19	4.11	2.06	ppb
Calcium	43-1	10456.38	10298.80	10655.05	10470.08	1.71	ppb
Calcium	44-1	9734.47	9490.18	9975.98	9733.54	2.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.05	123.02	120.74	121.60	1.02	ppb
Cobalt	59-2	78.34	79.38	78.28	78.67	0.79	ppb
Copper	63-2	501.63	509.69	496.54	502.62	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				95		%
Iron	56-2	123266.06	124371.45	121222.24	122953.25	1.30	ppb
Iron	57-2	123698.32	124901.10	122594.60	123731.34	0.93	ppb
Iron	54-2	125701.95	125697.75	124480.70	125293.47	0.56	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-13	Instrumnet Name :	P7
Client Sample ID :	MYE5E3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:11:55	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	164.34	160.64	171.73	165.57	3.41	ppb
Lead	207-1	170.18	165.09	172.54	169.27	2.25	ppb
Lead	208-1	167.83	162.13	172.69	167.55	3.15	ppb
Lithium	6-1				83		%
Magnesium	24-2	19570.59	19680.54	19453.11	19568.08	0.58	ppb
Manganese	55-2	5504.29	5446.52	5387.65	5446.15	1.07	ppb
Molybdenum	94-1	31.35	31.15	32.14	31.55	1.65	ppb
Molybdenum	95-1	1.33	1.36	1.38	1.36	1.93	ppb
Molybdenum	96-1	5.14	5.10	5.30	5.18	2.05	ppb
Molybdenum	97-1	1.27	1.29	1.31	1.29	1.74	ppb
Molybdenum	98-1	1.25	1.23	1.33	1.27	3.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	156.09	158.93	156.05	157.03	1.05	ppb
Phosphorus	31-2	3727.95	3827.59	3656.37	3737.30	2.30	ppb
Potassium	39-2	9161.84	9303.15	9093.73	9186.24	1.16	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.90	0.68	0.38	0.65	40.14	ppb
Selenium	77-2	24.94	29.18	26.55	26.89	7.96	ppb
Selenium	78-2	6.37	7.33	6.41	6.70	8.10	ppb
Silicon	28-1	1668.92	1644.45	1692.24	1668.54	1.43	ppb
Silver	107-1	1.07	1.03	1.08	1.06	2.23	ppb
Silver	109-1	1.07	1.05	1.09	1.07	1.94	ppb
Sodium	23-2	201.68	209.00	203.42	204.70	1.87	ppb
Strontium	86-1	130.39	128.47	133.23	130.70	1.83	ppb
Strontium	88-1	130.62	128.44	134.09	131.05	2.17	ppb
Sulfur	34-1	-1343.60	-1418.57	-1363.91	-1375.36		ppb
Terbium	159-1				119		%
Terbium	159-2				104		%
Thallium	203-1	0.63	0.61	0.64	0.63	2.28	ppb
Thallium	205-1	0.61	0.61	0.65	0.62	3.38	ppb
Tin	118-1	2.79	2.69	2.78	2.76	1.96	ppb
Titanium	47-1	1274.61	1232.74	1300.36	1269.24	2.69	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-13	Instrumnet Name :	P7
Client Sample ID :	MYE5E3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:11:55	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.67	1.62	1.74	1.68	3.63	ppb
Vanadium	51-2	220.37	222.13	219.23	220.58	0.66	ppb
Yttrium	89-1				113		%
Yttrium	89-2				103		%
Zinc	66-2	403.42	408.64	401.46	404.51	0.92	ppb
Zirconium	90-1	17.09	16.90	17.51	17.16	1.82	ppb
Zirconium	91-1	17.27	17.01	17.44	17.24	1.24	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-14	Instrumnet Name :	P7
Client Sample ID :	MYE5E4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:14:55	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34875.44	34354.91	33617.55	34282.64	1.84	ppb
Antimony	121-1	2.56	2.59	2.60	2.58	0.89	ppb
Arsenic	75-2	132.51	132.54	131.60	132.22	0.40	ppb
Barium	135-1	1596.24	1599.73	1600.46	1598.81	0.14	ppb
Barium	137-1	1584.67	1599.22	1608.37	1597.42	0.75	ppb
Beryllium	9-1	2.22	2.06	2.37	2.21	6.93	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.39	4.41	4.36	4.39	0.57	ppb
Cadmium	106-1	3.20	1.97	2.27	2.48	26.03	ppb
Cadmium	111-1	4.10	4.33	4.25	4.23	2.74	ppb
Calcium	43-1	9334.11	9436.95	9418.84	9396.63	0.58	ppb
Calcium	44-1	8769.16	8793.77	8856.13	8806.35	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110.49	109.82	105.48	108.60	2.50	ppb
Cobalt	59-2	88.74	87.98	84.62	87.12	2.52	ppb
Copper	63-2	506.82	502.49	484.89	498.06	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	116268.26	116777.16	110832.93	114626.12	2.87	ppb
Iron	57-2	113907.38	114448.26	109167.16	112507.60	2.58	ppb
Iron	54-2	114123.34	115506.64	110938.82	113522.93	2.06	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-14	Instrumnet Name :	P7
Client Sample ID :	MYE5E4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:14:55	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	160.22	161.39	159.17	160.26	0.69	ppb
Lead	207-1	159.37	163.30	161.97	161.55	1.24	ppb
Lead	208-1	160.01	161.55	161.15	160.90	0.50	ppb
Lithium	6-1				80		%
Magnesium	24-2	16314.92	16196.77	15776.39	16096.03	1.76	ppb
Manganese	55-2	25820.36	26202.67	24966.08	25663.04	2.47	ppb
Molybdenum	94-1	29.15	29.43	29.48	29.35	0.61	ppb
Molybdenum	95-1	2.33	2.35	2.36	2.35	0.67	ppb
Molybdenum	96-1	5.54	5.49	5.51	5.51	0.45	ppb
Molybdenum	97-1	1.90	1.93	1.95	1.93	1.33	ppb
Molybdenum	98-1	1.95	1.95	1.97	1.96	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.77	139.02	134.37	137.72	2.12	ppb
Phosphorus	31-2	3121.09	3071.87	2958.52	3050.49	2.73	ppb
Potassium	39-2	8447.70	8434.19	8142.40	8341.43	2.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.93	0.90	0.50	0.78	31.07	ppb
Selenium	77-2	24.49	27.06	26.07	25.87	5.02	ppb
Selenium	78-2	5.04	5.56	5.08	5.23	5.58	ppb
Silicon	28-1	1766.65	1793.21	1776.76	1778.87	0.75	ppb
Silver	107-1	1.07	1.09	1.08	1.08	0.95	ppb
Silver	109-1	1.09	1.08	1.09	1.09	0.50	ppb
Sodium	23-2	164.95	163.92	159.05	162.64	1.93	ppb
Strontium	86-1	137.20	138.46	138.68	138.11	0.58	ppb
Strontium	88-1	137.12	138.96	140.18	138.75	1.11	ppb
Sulfur	34-1	-1383.63	-1369.16	-1373.78	-1375.52		ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	0.68	0.68	0.71	0.69	1.99	ppb
Thallium	205-1	0.69	0.69	0.69	0.69	0.63	ppb
Tin	118-1	2.64	2.72	2.72	2.69	1.70	ppb
Titanium	47-1	1156.44	1188.83	1191.03	1178.76	1.64	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-14	Instrumnet Name :	P7
Client Sample ID :	MYE5E4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:14:55	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.99	2.03	2.01	2.01	0.94	ppb
Vanadium	51-2	213.94	217.21	208.32	213.16	2.11	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	388.97	385.73	368.62	381.11	2.87	ppb
Zirconium	90-1	15.38	15.61	15.63	15.54	0.89	ppb
Zirconium	91-1	15.47	15.80	15.65	15.64	1.08	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-15	Instrumnet Name :	P7
Client Sample ID :	MYE5E5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:17:55	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28025.13	27744.55	28124.54	27964.74	0.70	ppb
Antimony	121-1	1.61	1.67	1.68	1.65	2.37	ppb
Arsenic	75-2	107.97	107.24	108.43	107.88	0.56	ppb
Barium	135-1	763.30	774.61	792.34	776.75	1.88	ppb
Barium	137-1	756.18	778.26	782.55	772.33	1.83	ppb
Beryllium	9-1	1.46	1.63	1.60	1.56	5.71	ppb
Bismuth	209-1				118		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.89	4.36	4.29	4.18	6.06	ppb
Cadmium	106-1	1.02	1.70	1.40	1.37	24.93	ppb
Cadmium	111-1	3.76	3.93	3.87	3.85	2.18	ppb
Calcium	43-1	8172.45	8570.91	8554.79	8432.71	2.67	ppb
Calcium	44-1	7721.53	8059.43	7969.76	7916.91	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78.36	77.84	77.30	77.83	0.68	ppb
Cobalt	59-2	55.82	56.16	55.66	55.88	0.45	ppb
Copper	63-2	482.24	478.44	478.38	479.68	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	77510.48	76533.27	76426.01	76823.25	0.78	ppb
Iron	57-2	76979.41	77067.66	75932.66	76659.91	0.82	ppb
Iron	54-2	77713.94	77830.36	76462.13	77335.48	0.98	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-15	Instrumnet Name :	P7
Client Sample ID :	MYE5E5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:17:55	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	141.75	142.44	143.32	142.50	0.55	ppb
Lead	207-1	143.47	144.28	145.08	144.28	0.56	ppb
Lead	208-1	141.78	144.40	143.63	143.27	0.94	ppb
Lithium	6-1				81		%
Magnesium	24-2	12544.59	12219.43	12303.96	12355.99	1.37	ppb
Manganese	55-2	4905.14	4864.52	4834.79	4868.15	0.73	ppb
Molybdenum	94-1	29.54	30.33	30.34	30.07	1.52	ppb
Molybdenum	95-1	1.36	1.39	1.34	1.36	2.02	ppb
Molybdenum	96-1	4.73	4.87	4.84	4.82	1.49	ppb
Molybdenum	97-1	1.29	1.34	1.33	1.32	1.98	ppb
Molybdenum	98-1	1.28	1.34	1.36	1.32	3.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.98	113.54	112.61	113.05	0.41	ppb
Phosphorus	31-2	2304.25	2278.63	2320.52	2301.13	0.92	ppb
Potassium	39-2	5494.41	5472.36	5447.05	5471.27	0.43	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.68	0.60	0.87	0.72	19.22	ppb
Selenium	77-2	21.43	22.14	23.64	22.40	5.04	ppb
Selenium	78-2	4.32	4.65	4.77	4.58	5.12	ppb
Silicon	28-1	1984.80	2040.84	2073.65	2033.10	2.21	ppb
Silver	107-1	0.92	0.95	0.95	0.94	1.61	ppb
Silver	109-1	0.93	0.95	0.95	0.94	1.16	ppb
Sodium	23-2	175.64	172.64	177.24	175.17	1.33	ppb
Strontium	86-1	100.26	104.31	102.50	102.36	1.98	ppb
Strontium	88-1	100.90	103.95	104.56	103.14	1.90	ppb
Sulfur	34-1	-1635.70	-1593.43	-1606.41	-1611.85		ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	0.46	0.48	0.47	0.47	2.56	ppb
Thallium	205-1	0.45	0.48	0.46	0.47	2.80	ppb
Tin	118-1	2.37	2.41	2.47	2.41	2.06	ppb
Titanium	47-1	1059.34	1102.98	1115.60	1092.64	2.70	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-15	Instrumnet Name :	P7
Client Sample ID :	MYE5E5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:17:55	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.19	1.17	1.17	1.72	ppb
Vanadium	51-2	144.96	143.03	142.24	143.41	0.98	ppb
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	329.14	329.80	327.32	328.76	0.39	ppb
Zirconium	90-1	15.85	16.47	16.34	16.22	2.00	ppb
Zirconium	91-1	15.94	16.58	16.48	16.33	2.11	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-16	Instrumnet Name :	P7
Client Sample ID :	MYE5E6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:20:57	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33173.87	32776.72	32690.73	32880.44	0.78	ppb
Antimony	121-1	1.46	1.43	1.43	1.44	1.08	ppb
Arsenic	75-2	126.41	124.99	126.48	125.96	0.67	ppb
Barium	135-1	710.03	692.10	710.04	704.05	1.47	ppb
Barium	137-1	703.51	700.82	706.74	703.69	0.42	ppb
Beryllium	9-1	1.94	1.95	1.98	1.96	0.93	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.28	3.08	3.27	3.21	3.48	ppb
Cadmium	106-1	2.01	1.44	0.88	1.45	39.29	ppb
Cadmium	111-1	2.90	2.85	2.91	2.89	1.06	ppb
Calcium	43-1	9047.83	9341.39	9175.76	9188.32	1.60	ppb
Calcium	44-1	8547.61	8691.47	8662.00	8633.69	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.71	91.44	91.43	91.86	0.80	ppb
Cobalt	59-2	60.21	58.97	59.20	59.46	1.11	ppb
Copper	63-2	348.83	340.95	340.59	343.46	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	94679.21	94003.69	94360.56	94347.82	0.36	ppb
Iron	57-2	95309.98	92680.77	94279.80	94090.18	1.41	ppb
Iron	54-2	96076.63	94334.99	94673.40	95028.34	0.97	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-16	Instrumnet Name :	P7
Client Sample ID :	MYE5E6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:20:57	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	185.65	187.01	185.93	186.20	0.38	ppb
Lead	207-1	191.26	191.26	188.29	190.27	0.90	ppb
Lead	208-1	188.15	188.79	186.62	187.86	0.59	ppb
Lithium	6-1				78		%
Magnesium	24-2	14766.07	14324.46	14242.78	14444.44	1.95	ppb
Manganese	55-2	4624.97	4535.95	4527.97	4562.96	1.18	ppb
Molybdenum	94-1	37.95	38.38	37.96	38.10	0.64	ppb
Molybdenum	95-1	1.12	1.14	1.12	1.13	1.25	ppb
Molybdenum	96-1	5.50	5.54	5.59	5.54	0.74	ppb
Molybdenum	97-1	1.09	1.07	1.12	1.09	2.01	ppb
Molybdenum	98-1	1.07	1.07	1.07	1.07	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.13	108.91	109.86	110.30	1.50	ppb
Phosphorus	31-2	2619.68	2621.14	2635.21	2625.34	0.33	ppb
Potassium	39-2	6093.55	6089.53	6037.68	6073.58	0.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	0.48	0.69	0.34	0.51	34.03	ppb
Selenium	77-2	25.85	21.94	21.19	22.99	10.89	ppb
Selenium	78-2	4.34	5.88	4.99	5.07	15.29	ppb
Silicon	28-1	1966.25	2016.19	2011.90	1998.11	1.39	ppb
Silver	107-1	0.64	0.63	0.65	0.64	1.05	ppb
Silver	109-1	0.62	0.61	0.63	0.62	1.29	ppb
Sodium	23-2	136.49	134.67	135.98	135.71	0.69	ppb
Strontium	86-1	112.55	112.23	112.83	112.54	0.27	ppb
Strontium	88-1	112.37	112.90	113.38	112.89	0.45	ppb
Sulfur	34-1	-1636.41	-1604.91	-1629.37	-1623.56		ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	0.51	0.53	0.50	0.51	2.55	ppb
Thallium	205-1	0.51	0.51	0.50	0.51	1.52	ppb
Tin	118-1	2.58	2.63	2.64	2.62	1.09	ppb
Titanium	47-1	1219.11	1240.92	1234.13	1231.39	0.91	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-16	Instrumnet Name :	P7
Client Sample ID :	MYE5E6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:20:57	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.28	1.31	1.28	1.29	1.52	ppb
Vanadium	51-2	173.90	175.20	170.27	173.12	1.48	ppb
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	268.54	261.59	264.49	264.87	1.32	ppb
Zirconium	90-1	20.72	20.83	20.82	20.79	0.28	ppb
Zirconium	91-1	20.74	20.97	20.93	20.88	0.58	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-17	Instrumnet Name :	P7
Client Sample ID :	MYE5E7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:23:56	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38214.97	38810.20	38528.91	38518.03	0.77	ppb
Antimony	121-1	1.15	1.15	1.15	1.15	0.27	ppb
Arsenic	75-2	101.39	100.43	98.88	100.23	1.27	ppb
Barium	135-1	480.21	484.64	484.47	483.10	0.52	ppb
Barium	137-1	481.11	487.89	483.02	484.00	0.72	ppb
Beryllium	9-1	1.58	1.70	1.67	1.65	3.79	ppb
Bismuth	209-1				116		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.35	2.36	2.24	2.32	3.03	ppb
Cadmium	106-1	-0.28	0.36	0.13	0.07	451.29	ppb
Cadmium	111-1	2.09	2.12	2.09	2.10	0.98	ppb
Calcium	43-1	10651.67	10781.85	10677.14	10703.56	0.64	ppb
Calcium	44-1	9963.95	10053.18	10007.50	10008.21	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.97	101.91	104.12	102.67	1.23	ppb
Cobalt	59-2	52.35	52.67	53.71	52.91	1.34	ppb
Copper	63-2	272.86	274.66	282.51	276.68	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	86036.58	84468.86	87149.70	85885.05	1.57	ppb
Iron	57-2	86347.08	85895.86	88118.51	86787.15	1.35	ppb
Iron	54-2	86246.47	85746.08	87247.30	86413.28	0.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-17	Instrumnet Name :	P7
Client Sample ID :	MYE5E7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:23:56	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.02	83.20	84.67	83.30	1.60	ppb
Lead	207-1	81.92	82.49	84.68	83.03	1.76	ppb
Lead	208-1	80.00	82.08	83.09	81.73	1.93	ppb
Lithium	6-1				80		%
Magnesium	24-2	19305.68	19609.67	19752.79	19556.05	1.17	ppb
Manganese	55-2	3116.38	3117.58	3213.91	3149.29	1.78	ppb
Molybdenum	94-1	20.87	20.58	20.99	20.81	1.01	ppb
Molybdenum	95-1	0.97	0.98	0.96	0.97	1.20	ppb
Molybdenum	96-1	3.51	3.50	3.54	3.52	0.58	ppb
Molybdenum	97-1	0.93	0.92	0.95	0.93	1.46	ppb
Molybdenum	98-1	0.95	0.92	0.94	0.94	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.94	94.42	96.06	94.80	1.17	ppb
Phosphorus	31-2	1931.19	1911.74	1946.28	1929.74	0.90	ppb
Potassium	39-2	7459.45	7510.51	7764.13	7578.03	2.15	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.61	0.05	0.68	0.45	76.91	ppb
Selenium	77-2	16.00	12.98	15.61	14.87	11.04	ppb
Selenium	78-2	4.00	3.32	3.27	3.53	11.65	ppb
Silicon	28-1	2068.62	2074.27	2068.09	2070.33	0.17	ppb
Silver	107-1	0.49	0.48	0.49	0.49	1.70	ppb
Silver	109-1	0.48	0.51	0.49	0.49	2.84	ppb
Sodium	23-2	1196.69	1259.26	1229.97	1228.64	2.55	ppb
Strontium	86-1	70.07	69.14	70.32	69.84	0.89	ppb
Strontium	88-1	70.79	70.51	69.36	70.22	1.08	ppb
Sulfur	34-1	-1087.62	-1081.07	-1054.88	-1074.52		ppb
Terbium	159-1				115		%
Terbium	159-2				105		%
Thallium	203-1	0.38	0.39	0.39	0.39	2.08	ppb
Thallium	205-1	0.38	0.38	0.38	0.38	0.35	ppb
Tin	118-1	2.65	2.65	2.65	2.65	0.07	ppb
Titanium	47-1	888.79	913.75	903.38	901.97	1.39	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-17	Instrumnet Name :	P7
Client Sample ID :	MYE5E7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:23:56	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.04	1.06	1.04	2.25	ppb
Vanadium	51-2	168.68	169.70	173.88	170.75	1.61	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	284.74	287.17	293.42	288.44	1.55	ppb
Zirconium	90-1	11.29	11.13	11.33	11.25	0.93	ppb
Zirconium	91-1	11.37	11.12	11.49	11.33	1.67	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-18	Instrumnet Name :	P7
Client Sample ID :	MYE5E8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:26:58	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24970.65	25849.65	25492.51	25437.61	1.74	ppb
Antimony	121-1	2.41	2.55	2.59	2.52	3.86	ppb
Arsenic	75-2	164.14	164.83	167.36	165.44	1.02	ppb
Barium	135-1	580.92	598.34	616.04	598.43	2.93	ppb
Barium	137-1	567.65	599.59	612.09	593.11	3.86	ppb
Beryllium	9-1	1.23	1.26	1.36	1.28	5.25	ppb
Bismuth	209-1				120		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.11	3.08	3.60	3.26	8.98	ppb
Cadmium	106-1	0.52	0.95	1.02	0.83	32.78	ppb
Cadmium	111-1	3.03	3.20	3.22	3.15	3.37	ppb
Calcium	43-1	4171.24	4359.68	4451.97	4327.63	3.31	ppb
Calcium	44-1	3955.62	4076.09	4161.26	4064.32	2.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77.26	77.43	75.69	76.80	1.25	ppb
Cobalt	59-2	48.06	48.32	48.28	48.22	0.29	ppb
Copper	63-2	484.50	486.42	487.45	486.12	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	56-2	97747.58	97680.18	96391.96	97273.24	0.79	ppb
Iron	57-2	97226.43	96103.70	95908.81	96412.98	0.74	ppb
Iron	54-2	98252.93	98757.46	96946.99	97985.80	0.95	ppb
Krypton	83-1						cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-18	Instrumnet Name :	P7
Client Sample ID :	MYE5E8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:26:58	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	146.87	154.00	161.46	154.11	4.73	ppb
Lead	207-1	150.99	157.79	160.20	156.33	3.06	ppb
Lead	208-1	148.83	156.20	159.70	154.91	3.58	ppb
Lithium	6-1				83		%
Magnesium	24-2	11750.63	11985.50	11957.99	11898.04	1.08	ppb
Manganese	55-2	4884.68	4891.32	4840.53	4872.17	0.57	ppb
Molybdenum	94-1	17.08	17.98	18.29	17.78	3.53	ppb
Molybdenum	95-1	1.34	1.43	1.44	1.40	3.73	ppb
Molybdenum	96-1	3.52	3.67	3.73	3.64	2.96	ppb
Molybdenum	97-1	1.30	1.37	1.41	1.36	3.86	ppb
Molybdenum	98-1	1.28	1.34	1.41	1.34	5.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.80	73.41	73.35	73.19	0.47	ppb
Phosphorus	31-2	1554.42	1575.25	1517.73	1549.13	1.88	ppb
Potassium	39-2	5864.47	5853.01	5845.90	5854.46	0.16	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.24	0.43	0.66	0.45	47.29	ppb
Selenium	77-2	11.54	13.08	14.21	12.94	10.35	ppb
Selenium	78-2	2.20	3.05	2.85	2.70	16.43	ppb
Silicon	28-1	1773.00	1825.61	1854.43	1817.68	2.27	ppb
Silver	107-1	0.85	0.89	0.93	0.89	4.13	ppb
Silver	109-1	0.85	0.88	0.91	0.88	3.62	ppb
Sodium	23-2	110.77	112.80	114.77	112.78	1.77	ppb
Strontium	86-1	42.74	45.02	46.17	44.64	3.91	ppb
Strontium	88-1	42.72	44.85	46.10	44.56	3.83	ppb
Sulfur	34-1	-1585.52	-1578.98	-1543.09	-1569.20		ppb
Terbium	159-1				118		%
Terbium	159-2				104		%
Thallium	203-1	0.41	0.44	0.44	0.43	3.78	ppb
Thallium	205-1	0.41	0.44	0.44	0.43	3.92	ppb
Tin	118-1	2.07	2.18	2.26	2.17	4.36	ppb
Titanium	47-1	871.91	904.39	929.15	901.82	3.18	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-18	Instrumnet Name :	P7
Client Sample ID :	MYE5E8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:26:58	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.95	0.98	0.95	3.57	ppb
Vanadium	51-2	185.58	185.18	184.31	185.02	0.35	ppb
Yttrium	89-1				108		%
Yttrium	89-2				98		%
Zinc	66-2	325.38	323.97	327.89	325.75	0.61	ppb
Zirconium	90-1	8.91	9.39	9.59	9.30	3.77	ppb
Zirconium	91-1	9.03	9.47	9.72	9.41	3.71	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-19	Instrumnet Name :	P7
Client Sample ID :	MYE5E9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:29:57	DataFile Name :	182SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41183.62	41226.53	40431.97	40947.37	1.09	ppb
Antimony	121-1	1.80	1.78	1.77	1.79	0.89	ppb
Arsenic	75-2	142.34	142.67	143.19	142.74	0.30	ppb
Barium	135-1	1253.06	1234.91	1238.16	1242.04	0.78	ppb
Barium	137-1	1273.30	1242.46	1255.63	1257.13	1.23	ppb
Beryllium	9-1	2.41	2.71	2.33	2.48	8.05	ppb
Bismuth	209-1				116		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.39	5.27	5.49	5.39	2.04	ppb
Cadmium	106-1	4.95	4.84	5.20	5.00	3.72	ppb
Cadmium	111-1	5.27	5.17	5.19	5.21	1.03	ppb
Calcium	43-1	13664.07	13642.93	13902.08	13736.36	1.05	ppb
Calcium	44-1	12856.44	12731.19	12978.42	12855.35	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.36	130.67	130.34	130.79	0.40	ppb
Cobalt	59-2	94.08	93.41	93.14	93.54	0.52	ppb
Copper	63-2	632.50	625.88	627.19	628.52	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	118845.92	118347.19	117162.96	118118.69	0.73	ppb
Iron	57-2	119943.77	119542.64	115495.93	118327.45	2.08	ppb
Iron	54-2	119900.75	119439.24	116544.55	118628.18	1.53	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-19	Instrumnet Name :	P7
Client Sample ID :	MYE5E9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:29:57	DataFile Name :	182SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	182.05	179.09	179.66	180.27	0.87	ppb
Lead	207-1	185.12	182.80	181.54	183.15	0.99	ppb
Lead	208-1	182.64	181.27	179.51	181.14	0.87	ppb
Lithium	6-1				80		%
Magnesium	24-2	17699.59	17770.78	17380.36	17616.91	1.18	ppb
Manganese	55-2	11111.39	10920.12	10760.28	10930.60	1.61	ppb
Molybdenum	94-1	49.61	49.44	50.51	49.85	1.15	ppb
Molybdenum	95-1	1.29	1.27	1.28	1.28	0.66	ppb
Molybdenum	96-1	7.03	7.02	7.03	7.03	0.13	ppb
Molybdenum	97-1	1.19	1.10	1.14	1.14	4.01	ppb
Molybdenum	98-1	1.12	1.08	1.11	1.10	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	186.53	185.15	183.00	184.89	0.96	ppb
Phosphorus	31-2	4156.09	4143.49	4047.82	4115.80	1.44	ppb
Potassium	39-2	8148.11	8194.88	8058.21	8133.73	0.85	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.75	0.92	0.70	0.79	14.89	ppb
Selenium	77-2	27.84	30.88	33.89	30.87	9.79	ppb
Selenium	78-2	6.83	7.37	7.76	7.32	6.38	ppb
Silicon	28-1	1901.51	1920.94	1945.34	1922.60	1.14	ppb
Silver	107-1	1.50	1.53	1.50	1.51	1.00	ppb
Silver	109-1	1.51	1.50	1.51	1.51	0.64	ppb
Sodium	23-2	196.13	198.34	193.06	195.84	1.36	ppb
Strontium	86-1	193.62	195.66	192.23	193.84	0.89	ppb
Strontium	88-1	194.17	193.16	193.60	193.64	0.26	ppb
Sulfur	34-1	-1406.68	-1367.96	-1369.13	-1381.26		ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	0.71	0.70	0.69	0.70	1.27	ppb
Thallium	205-1	0.70	0.70	0.70	0.70	0.12	ppb
Tin	118-1	2.66	2.66	2.64	2.65	0.47	ppb
Titanium	47-1	1398.82	1411.36	1400.85	1403.68	0.48	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-19	Instrumnet Name :	P7
Client Sample ID :	MYE5E9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:29:57	DataFile Name :	182SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.91	1.92	1.92	1.92	0.43	ppb
Vanadium	51-2	213.18	214.25	210.12	212.52	1.01	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	400.85	399.26	396.79	398.97	0.51	ppb
Zirconium	90-1	27.51	27.38	27.62	27.50	0.45	ppb
Zirconium	91-1	27.66	27.40	27.60	27.55	0.48	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-20	Instrumnet Name :	P7
Client Sample ID :	MYE5F0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:32:55	DataFile Name :	183SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34404.56	34744.66	33823.73	34324.32	1.36	ppb
Antimony	121-1	1.74	1.74	1.74	1.74	0.27	ppb
Arsenic	75-2	142.16	141.99	139.11	141.09	1.22	ppb
Barium	135-1	660.77	667.95	659.42	662.71	0.69	ppb
Barium	137-1	655.71	670.61	657.74	661.35	1.22	ppb
Beryllium	9-1	1.76	1.74	1.75	1.75	0.49	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.63	2.53	2.37	2.51	5.13	ppb
Cadmium	106-1	0.63	0.60	-0.31	0.31	172.35	ppb
Cadmium	111-1	2.54	2.53	2.58	2.55	1.04	ppb
Calcium	43-1	7387.88	7317.93	7337.99	7347.93	0.49	ppb
Calcium	44-1	6825.36	6885.73	6854.72	6855.27	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.70	101.40	98.14	99.75	1.64	ppb
Cobalt	59-2	62.99	63.67	62.71	63.12	0.78	ppb
Copper	63-2	296.08	299.70	294.89	296.89	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	116134.21	116506.32	115521.44	116053.99	0.43	ppb
Iron	57-2	117192.96	115896.72	114912.19	116000.62	0.99	ppb
Iron	54-2	116906.92	116953.25	114667.45	116175.87	1.12	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-20	Instrumnet Name :	P7
Client Sample ID :	MYE5F0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:32:55	DataFile Name :	183SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	100.72	101.54	98.07	100.11	1.81	ppb
Lead	207-1	102.63	104.03	103.42	103.36	0.68	ppb
Lead	208-1	100.97	101.63	100.79	101.13	0.43	ppb
Lithium	6-1				80		%
Magnesium	24-2	15183.57	15590.05	14957.00	15243.54	2.10	ppb
Manganese	55-2	4961.95	5064.88	4965.45	4997.43	1.17	ppb
Molybdenum	94-1	17.69	17.58	17.69	17.65	0.35	ppb
Molybdenum	95-1	1.24	1.17	1.22	1.21	2.73	ppb
Molybdenum	96-1	3.64	3.57	3.61	3.61	1.05	ppb
Molybdenum	97-1	1.13	1.12	1.16	1.14	1.98	ppb
Molybdenum	98-1	1.15	1.16	1.14	1.15	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.20	101.70	100.11	100.67	0.89	ppb
Phosphorus	31-2	1766.53	1779.55	1786.37	1777.48	0.57	ppb
Potassium	39-2	6904.24	7014.64	6883.58	6934.15	1.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.70	0.46	0.32	0.49	39.35	ppb
Selenium	77-2	16.07	17.82	17.87	17.25	5.95	ppb
Selenium	78-2	4.16	3.56	3.13	3.62	14.29	ppb
Silicon	28-1	1958.24	1881.43	1901.35	1913.67	2.08	ppb
Silver	107-1	0.53	0.54	0.54	0.54	0.57	ppb
Silver	109-1	0.54	0.53	0.53	0.53	1.65	ppb
Sodium	23-2	1459.68	1500.48	1438.82	1466.33	2.14	ppb
Strontium	86-1	66.26	65.63	65.21	65.70	0.80	ppb
Strontium	88-1	67.12	66.34	66.24	66.57	0.72	ppb
Sulfur	34-1	-1381.61	-1415.74	-1397.70	-1398.35		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.51	0.55	0.54	0.53	4.25	ppb
Thallium	205-1	0.52	0.54	0.52	0.53	1.73	ppb
Tin	118-1	2.15	2.17	2.14	2.15	0.77	ppb
Titanium	47-1	1122.85	1127.41	1120.67	1123.65	0.31	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-20	Instrumnet Name :	P7
Client Sample ID :	MYE5F0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:32:55	DataFile Name :	183SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.28	1.31	1.30	1.30	1.05	ppb
Vanadium	51-2	220.10	225.68	219.78	221.85	1.49	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	322.12	327.64	320.65	323.47	1.14	ppb
Zirconium	90-1	9.48	9.39	9.34	9.40	0.77	ppb
Zirconium	91-1	9.39	9.32	9.41	9.37	0.51	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-21	Instrumnet Name :	P7
Client Sample ID :	MYE5F1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:35:54	DataFile Name :	184SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49262.49	48809.93	49389.75	49154.05	0.62	ppb
Antimony	121-1	1.78	3.39	1.88	2.35	38.52	ppb
Arsenic	75-2	171.49	169.18	170.79	170.49	0.69	ppb
Barium	135-1	612.74	1172.61	636.59	807.31	39.21	ppb
Barium	137-1	613.73	1149.57	634.31	799.21	37.99	ppb
Beryllium	9-1	2.50	4.39	2.31	3.07	37.54	ppb
Bismuth	209-1				95		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.83	3.79	2.35	2.65	38.32	ppb
Cadmium	106-1	1.00	4.24	0.23	1.82	116.82	ppb
Cadmium	111-1	1.91	3.76	2.01	2.56	40.74	ppb
Calcium	43-1	7566.45	13525.79	7836.58	9642.94	34.90	ppb
Calcium	44-1	7023.17	12828.08	7326.68	9059.31	36.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114.27	113.91	113.42	113.87	0.37	ppb
Cobalt	59-2	69.38	68.64	69.04	69.02	0.54	ppb
Copper	63-2	302.65	302.94	299.08	301.56	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				103		%
Indium	115-1				86		%
Indium	115-2				94		%
Iron	56-2	138596.56	136288.19	136477.51	137120.75	0.93	ppb
Iron	57-2	138168.64	137340.53	137577.09	137695.42	0.31	ppb
Iron	54-2	137763.21	138708.08	139012.31	138494.53	0.47	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-21	Instrumnet Name :	P7
Client Sample ID :	MYE5F1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:35:54	DataFile Name :	184SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	95.91	182.02	100.56	126.16	38.39	ppb
Lead	207-1	96.92	187.85	102.93	129.23	39.35	ppb
Lead	208-1	95.66	183.77	101.01	126.81	38.95	ppb
Lithium	6-1				67		%
Magnesium	24-2	19633.04	19500.09	20006.21	19713.11	1.33	ppb
Manganese	55-2	5167.43	5177.01	5142.61	5162.35	0.34	ppb
Molybdenum	94-1	20.84	36.50	21.78	26.37	33.30	ppb
Molybdenum	95-1	1.61	2.82	1.72	2.05	32.71	ppb
Molybdenum	96-1	4.38	7.68	4.60	5.55	33.17	ppb
Molybdenum	97-1	1.59	2.80	1.60	1.99	34.78	ppb
Molybdenum	98-1	1.57	2.77	1.64	1.99	33.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.50	112.54	113.43	113.49	0.87	ppb
Phosphorus	31-2	1694.26	1658.38	1638.64	1663.76	1.69	ppb
Potassium	39-2	5636.68	5627.48	5641.04	5635.07	0.12	ppb
Rhodium	103-1				83		%
Rhodium	103-2				97		%
Scandium	45-1				80		%
Scandium	45-2				94		%
Selenium	82-1	0.45	1.23	0.31	0.66	74.32	ppb
Selenium	77-2	22.38	20.38	23.72	22.16	7.57	ppb
Selenium	78-2	4.18	5.10	5.12	4.80	11.21	ppb
Silicon	28-1	1638.59	2956.14	1671.28	2088.67	35.98	ppb
Silver	107-1	0.47	0.91	0.49	0.62	40.46	ppb
Silver	109-1	0.45	0.88	0.49	0.61	38.99	ppb
Sodium	23-2	231.45	230.40	234.54	232.13	0.93	ppb
Strontium	86-1	62.90	109.82	64.88	79.20	33.50	ppb
Strontium	88-1	63.70	109.66	65.59	79.65	32.65	ppb
Sulfur	34-1	-1517.04	-17.23	-1400.82	-978.36		ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	0.53	1.03	0.58	0.71	39.37	ppb
Thallium	205-1	0.53	1.03	0.56	0.71	39.77	ppb
Tin	118-1	2.50	5.01	2.66	3.39	41.45	ppb
Titanium	47-1	949.00	1747.90	997.10	1231.33	36.38	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-21	Instrumnet Name :	P7
Client Sample ID :	MYE5F1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:35:54	DataFile Name :	184SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.66	5.06	2.80	3.50	38.42	ppb
Vanadium	51-2	260.27	262.07	261.65	261.33	0.36	ppb
Yttrium	89-1				94		%
Yttrium	89-2				104		%
Zinc	66-2	301.23	297.56	297.91	298.90	0.68	ppb
Zirconium	90-1	11.03	19.22	11.36	13.87	33.41	ppb
Zirconium	91-1	11.06	19.36	11.45	13.95	33.55	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-22	Instrumnet Name :	P7
Client Sample ID :	MYE5F2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:38:57	DataFile Name :	185SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23506.55	22950.95	23474.51	23310.67	1.34	ppb
Antimony	121-1	2.23	2.25	2.22	2.23	0.52	ppb
Arsenic	75-2	173.29	174.23	173.55	173.69	0.28	ppb
Barium	135-1	370.22	369.65	367.52	369.13	0.39	ppb
Barium	137-1	370.80	371.39	365.42	369.20	0.89	ppb
Beryllium	9-1	1.05	1.19	1.10	1.11	6.36	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.22	3.18	3.18	3.19	0.82	ppb
Cadmium	106-1	-0.07	0.16	-0.45	-0.12		ppb
Cadmium	111-1	3.16	3.07	3.09	3.11	1.51	ppb
Calcium	43-1	4217.46	4214.49	4203.35	4211.77	0.18	ppb
Calcium	44-1	3930.41	3934.33	3963.47	3942.74	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	68.25	67.00	67.66	67.64	0.92	ppb
Cobalt	59-2	43.74	42.51	43.33	43.19	1.45	ppb
Copper	63-2	537.62	530.74	541.40	536.59	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	70296.40	69038.79	69449.49	69594.89	0.92	ppb
Iron	57-2	70630.41	68717.23	70713.84	70020.49	1.61	ppb
Iron	54-2	70949.52	69521.52	70482.06	70317.70	1.04	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-22	Instrumnet Name :	P7
Client Sample ID :	MYE5F2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:38:57	DataFile Name :	185SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	207.12	207.53	205.36	206.67	0.56	ppb
Lead	207-1	214.52	211.35	209.53	211.80	1.19	ppb
Lead	208-1	210.26	209.60	207.66	209.18	0.65	ppb
Lithium	6-1				78		%
Magnesium	24-2	12768.61	12689.86	12878.03	12778.83	0.74	ppb
Manganese	55-2	3744.37	3686.09	3705.64	3712.03	0.80	ppb
Molybdenum	94-1	16.81	16.81	17.10	16.90	0.98	ppb
Molybdenum	95-1	0.86	0.85	0.87	0.86	1.14	ppb
Molybdenum	96-1	2.94	2.90	2.93	2.92	0.74	ppb
Molybdenum	97-1	0.79	0.82	0.82	0.81	2.18	ppb
Molybdenum	98-1	0.80	0.79	0.81	0.80	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.20	63.27	64.43	63.97	0.96	ppb
Phosphorus	31-2	1438.13	1418.80	1442.12	1433.02	0.87	ppb
Potassium	39-2	5384.40	5275.26	5376.54	5345.40	1.14	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	0.47	0.01	0.44	0.30	84.35	ppb
Selenium	77-2	12.96	12.62	10.31	11.96	12.04	ppb
Selenium	78-2	2.32	2.21	2.79	2.44	12.63	ppb
Silicon	28-1	2640.66	2726.43	2645.43	2670.84	1.80	ppb
Silver	107-1	1.63	1.59	1.62	1.62	1.33	ppb
Silver	109-1	1.64	1.62	1.64	1.64	0.75	ppb
Sodium	23-2	133.63	130.99	132.56	132.40	1.00	ppb
Strontium	86-1	35.29	34.94	35.19	35.14	0.52	ppb
Strontium	88-1	35.06	34.92	35.04	35.00	0.21	ppb
Sulfur	34-1	-1679.91	-1712.20	-1761.55	-1717.89		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.42	0.41	0.44	0.43	3.81	ppb
Thallium	205-1	0.42	0.43	0.43	0.43	0.80	ppb
Tin	118-1	2.19	2.20	2.20	2.20	0.21	ppb
Titanium	47-1	744.17	768.55	761.65	758.12	1.66	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-22	Instrumnet Name :	P7
Client Sample ID :	MYE5F2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:38:57	DataFile Name :	185SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.78	0.80	0.79	1.40	ppb
Vanadium	51-2	140.94	137.97	139.79	139.57	1.07	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	292.68	286.04	292.44	290.39	1.30	ppb
Zirconium	90-1	9.02	9.11	9.15	9.09	0.73	ppb
Zirconium	91-1	9.17	9.21	9.13	9.17	0.47	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164766BL	Instrumnet Name :	P7
Client Sample ID :	PBW766	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:41:56	DataFile Name :	186CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	0.47	0.24	0.36	31.23	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	1839.91	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.03	0.02	0.02	0.02	42.89	ppb
Barium	137-1	0.03	0.00	0.00	0.01	103.89	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	-3.02	-3.51	-3.92	-3.48		ppb
Cadmium	111-1	-0.03	-0.04	-0.04	-0.04		ppb
Calcium	43-1	-3.77	-4.09	-2.59	-3.48		ppb
Calcium	44-1	-16.18	-15.85	-15.40	-15.81		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.03	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.08	0.07	0.08	0.08	5.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	0.69	0.50	0.42	0.54	25.31	ppb
Iron	57-2	-0.48	-0.51	0.04	-0.32		ppb
Iron	54-2	0.46	-0.26	-0.69	-0.17		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164766BL	Instrumnet Name :	P7
Client Sample ID :	PBW766	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:41:56	DataFile Name :	186CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.01	0.01	0.02	43.03	ppb
Lead	207-1	0.02	0.02	0.01	0.02	35.17	ppb
Lead	208-1	0.02	0.02	0.01	0.02	22.71	ppb
Lithium	6-1				81		%
Magnesium	24-2	1.90	2.00	2.50	2.14	15.07	ppb
Manganese	55-2	-0.05	-0.05	-0.04	-0.04		ppb
Molybdenum	94-1	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.01	0.00		ppb
Phosphorus	31-2	-20.37	-19.84	-19.76	-19.99		ppb
Potassium	39-2	1.42	2.30	1.53	1.75	27.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	0.09	-0.62	-0.25	-0.26		ppb
Selenium	77-2	-0.05	-0.05	0.03	-0.02		ppb
Selenium	78-2	-0.33	-0.38	-0.09	-0.27		ppb
Silicon	28-1	-16.69	-16.31	-16.21	-16.40		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	12.28	12.30	10.71	11.76	7.75	ppb
Strontium	86-1	-0.02	0.00	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	999.60	ppb
Sulfur	34-1	-1782.52	-1755.60	-1725.01	-1754.38		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	242.37	ppb
Tin	118-1	-0.07	-0.06	-0.07	-0.07		ppb
Titanium	47-1	0.06	0.02	0.04	0.04	45.81	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164766BL	Instrumnet Name :	P7
Client Sample ID :	PBW766	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:41:56	DataFile Name :	186CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	32.01	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	-0.04	-0.01	-0.02	-0.02		ppb
Zirconium	90-1	-0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	174.66	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164766BS	Instrumnet Name :	P7
Client Sample ID :	LCS766	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:45:14	DataFile Name :	187LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.88	44.03	43.70	43.54	1.35	ppb
Antimony	121-1	4.22	4.23	4.26	4.24	0.55	ppb
Arsenic	75-2	2.39	2.33	2.35	2.36	1.12	ppb
Barium	135-1	20.85	20.60	20.98	20.81	0.94	ppb
Barium	137-1	21.00	20.97	21.38	21.12	1.08	ppb
Beryllium	9-1	2.18	2.19	2.14	2.17	1.03	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.02	2.15	2.17	2.11	3.81	ppb
Cadmium	106-1	-1.24	-0.98	-1.72	-1.31		ppb
Cadmium	111-1	2.19	2.18	2.19	2.19	0.26	ppb
Calcium	43-1	950.01	972.55	967.07	963.21	1.22	ppb
Calcium	44-1	1010.75	1014.48	1011.14	1012.12	0.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.74	4.68	4.72	4.71	0.65	ppb
Cobalt	59-2	2.41	2.38	2.40	2.40	0.48	ppb
Copper	63-2	4.94	5.02	5.02	4.99	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	471.36	463.86	466.49	467.24	0.81	ppb
Iron	57-2	495.50	496.66	496.40	496.18	0.12	ppb
Iron	54-2	496.65	491.61	494.81	494.36	0.52	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164766BS	Instrumnet Name :	P7
Client Sample ID :	LCS766	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:45:14	DataFile Name :	187LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.15	2.19	2.19	2.18	1.16	ppb
Lead	207-1	2.20	2.19	2.23	2.21	1.11	ppb
Lead	208-1	2.20	2.19	2.21	2.20	0.36	ppb
Lithium	6-1				84		%
Magnesium	24-2	1184.65	1180.74	1177.40	1180.93	0.31	ppb
Manganese	55-2	2.18	2.22	2.24	2.21	1.43	ppb
Molybdenum	94-1	12.78	12.54	12.89	12.74	1.40	ppb
Molybdenum	95-1	10.83	10.50	10.75	10.69	1.62	ppb
Molybdenum	96-1	10.91	10.84	11.09	10.95	1.19	ppb
Molybdenum	97-1	10.61	10.74	10.74	10.70	0.68	ppb
Molybdenum	98-1	10.86	10.74	10.87	10.82	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.51	2.40	2.44	2.32	ppb
Phosphorus	31-2	-21.39	-17.84	-18.34	-19.19		ppb
Potassium	39-2	1126.35	1122.98	1123.10	1124.14	0.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	10.81	10.91	11.42	11.05	2.96	ppb
Selenium	77-2	10.98	10.89	10.71	10.86	1.29	ppb
Selenium	78-2	12.28	11.09	10.68	11.35	7.35	ppb
Silicon	28-1	-2.87	-2.97	-3.14	-3.00		ppb
Silver	107-1	2.11	2.14	2.17	2.14	1.49	ppb
Silver	109-1	2.13	2.12	2.17	2.14	1.18	ppb
Sodium	23-2	1134.45	1114.72	1122.24	1123.80	0.89	ppb
Strontium	86-1	2.12	2.16	2.19	2.16	1.57	ppb
Strontium	88-1	2.21	2.17	2.18	2.19	0.90	ppb
Sulfur	34-1	-1602.84	-1572.58	-1548.24	-1574.55		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	2.13	2.20	2.12	2.15	1.97	ppb
Thallium	205-1	2.08	2.09	2.11	2.09	0.65	ppb
Tin	118-1	-0.05	-0.05	-0.04	-0.05		ppb
Titanium	47-1	10.83	10.87	10.96	10.89	0.63	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164766BS	Instrumnet Name :	P7
Client Sample ID :	LCS766	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:45:14	DataFile Name :	187LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.05	2.07	2.08	2.07	0.71	ppb
Vanadium	51-2	11.02	11.09	11.20	11.10	0.78	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	12.58	12.33	12.18	12.36	1.63	ppb
Zirconium	90-1	2.20	2.19	2.20	2.19	0.30	ppb
Zirconium	91-1	2.25	2.17	2.17	2.20	2.13	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-01	Instrumnet Name :	P7
Client Sample ID :	MC0B82	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:48:27	DataFile Name :	188SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.87	21.83	21.73	21.81	0.33	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	28.30	ppb
Arsenic	75-2	0.36	0.27	0.28	0.30	15.81	ppb
Barium	135-1	468.98	470.14	478.19	472.44	1.06	ppb
Barium	137-1	474.66	469.01	481.89	475.18	1.36	ppb
Beryllium	9-1	0.20	0.27	0.20	0.22	18.80	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.29	0.41	0.40	0.37	17.53	ppb
Cadmium	106-1	-1.81	-1.43	-1.81	-1.69		ppb
Cadmium	111-1	0.35	0.29	0.31	0.32	8.59	ppb
Calcium	43-1	65264.03	67997.27	67084.45	66781.92	2.08	ppb
Calcium	44-1	63930.43	65553.62	65546.20	65010.08	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8074.69	8065.24	8016.35	8052.09	0.39	ppb
Cobalt	59-2	42.31	41.87	42.08	42.09	0.52	ppb
Copper	63-2	8.72	8.81	8.63	8.72	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	205.15	206.57	203.48	205.07	0.76	ppb
Iron	57-2	570.08	576.69	580.25	575.68	0.90	ppb
Iron	54-2	5745.22	5806.62	5792.39	5781.41	0.56	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-01	Instrumnet Name :	P7
Client Sample ID :	MC0B82	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:48:27	DataFile Name :	188SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.06	0.05	0.06	12.41	ppb
Lead	207-1	0.07	0.05	0.06	0.06	12.99	ppb
Lead	208-1	0.06	0.06	0.05	0.06	8.04	ppb
Lithium	6-1				83		%
Magnesium	24-2	29911.42	29433.96	29909.95	29751.78	0.93	ppb
Manganese	55-2	392.97	387.45	400.57	393.66	1.67	ppb
Molybdenum	94-1	0.17	0.18	0.21	0.19	11.01	ppb
Molybdenum	95-1	0.21	0.20	0.20	0.20	4.63	ppb
Molybdenum	96-1	0.20	0.19	0.18	0.19	5.88	ppb
Molybdenum	97-1	0.19	0.20	0.19	0.19	2.34	ppb
Molybdenum	98-1	0.20	0.21	0.22	0.21	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	238.81	235.56	235.77	236.71	0.77	ppb
Phosphorus	31-2	112.87	108.64	114.37	111.96	2.65	ppb
Potassium	39-2	1577.09	1561.57	1572.51	1570.39	0.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	82-1	0.53	0.60	0.20	0.44	48.93	ppb
Selenium	77-2	0.66	0.75	1.02	0.81	23.17	ppb
Selenium	78-2	0.57	0.28	0.36	0.40	36.72	ppb
Silicon	28-1	4234.15	4371.28	4278.74	4294.72	1.63	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.19	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.51	ppb
Sodium	23-2	22961.30	22769.04	22839.07	22856.47	0.43	ppb
Strontium	86-1	172.35	174.38	173.48	173.41	0.59	ppb
Strontium	88-1	175.15	175.09	173.27	174.51	0.61	ppb
Sulfur	34-1	6252.50	6577.30	6361.13	6396.98	2.58	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00	19.13	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.75	ppb
Tin	118-1	0.05	0.05	0.06	0.05	10.84	ppb
Titanium	47-1	0.68	0.67	0.68	0.68	0.79	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-01	Instrumnet Name :	P7
Client Sample ID :	MC0B82	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:48:27	DataFile Name :	188SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.20	1.24	1.21	1.22	1.50	ppb
Vanadium	51-2	0.57	0.57	0.56	0.57	1.17	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	20.48	20.45	20.35	20.43	0.32	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	47.92	ppb
Zirconium	91-1	0.01	0.00	0.03	0.01	103.72	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-02	Instrumnet Name :	P7
Client Sample ID :	MC0B83	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:51:35	DataFile Name :	189SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.65	2.53	2.24	2.47	8.36	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	8.68	ppb
Arsenic	75-2	0.13	0.12	0.18	0.14	20.67	ppb
Barium	135-1	323.65	320.57	322.10	322.11	0.48	ppb
Barium	137-1	323.37	322.54	321.83	322.58	0.24	ppb
Beryllium	9-1	0.03	0.02	-0.01	0.01	144.57	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.00	0.05	0.04	81.24	ppb
Cadmium	106-1	-1.28	-1.50	-1.72	-1.50		ppb
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Calcium	43-1	65596.93	64397.05	64850.58	64948.19	0.93	ppb
Calcium	44-1	63581.21	63595.53	63759.33	63645.36	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.08	23.12	20.64	21.95	5.69	ppb
Cobalt	59-2	7.46	7.81	7.04	7.44	5.22	ppb
Copper	63-2	0.51	0.55	0.49	0.52	5.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	8.10	8.39	7.34	7.94	6.83	ppb
Iron	57-2	365.49	392.79	357.19	371.82	5.01	ppb
Iron	54-2	21.74	23.79	19.80	21.78	9.15	ppb
Krypton	83-1						cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-02	Instrumnet Name :	P7
Client Sample ID :	MC0B83	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:51:35	DataFile Name :	189SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.34	1.34	1.34	1.34	0.26	ppb
Lead	207-1	1.37	1.34	1.35	1.35	0.97	ppb
Lead	208-1	1.33	1.34	1.34	1.34	0.45	ppb
Lithium	6-1				88		%
Magnesium	24-2	29174.87	30738.50	27917.21	29276.86	4.83	ppb
Manganese	55-2	45.92	47.70	43.26	45.63	4.89	ppb
Molybdenum	94-1	-0.02	0.01	0.00	0.00		ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	14.99	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	70.36	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	50.67	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	39.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.46	56.83	51.16	54.15	5.26	ppb
Phosphorus	31-2	18.02	21.14	19.86	19.68	7.96	ppb
Potassium	39-2	1726.44	1771.74	1595.96	1698.04	5.37	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	82-1	0.13	0.82	0.48	0.48	72.18	ppb
Selenium	77-2	1.09	0.59	0.11	0.59	81.94	ppb
Selenium	78-2	0.95	0.73	0.54	0.74	27.57	ppb
Silicon	28-1	4280.02	4209.98	4267.46	4252.49	0.88	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	22987.52	23910.48	21902.25	22933.42	4.38	ppb
Strontium	86-1	171.14	171.43	172.25	171.61	0.34	ppb
Strontium	88-1	170.64	170.43	172.00	171.02	0.50	ppb
Sulfur	34-1	6402.54	6456.05	6628.03	6495.54	1.81	ppb
Terbium	159-1				114		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.00	0.01	0.01	25.34	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	31.75	ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.48	0.51	0.48	0.49	3.24	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-02	Instrumnet Name :	P7
Client Sample ID :	MC0B83	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:51:35	DataFile Name :	189SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	19.84	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	19.28	ppb
Yttrium	89-1				103		%
Yttrium	89-2				93		%
Zinc	66-2	7.03	6.98	6.43	6.82	4.87	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-03	Instrumnet Name :	P7
Client Sample ID :	MC0B84	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:54:47	DataFile Name :	190SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.21	2.26	2.07	2.18	4.55	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	6.61	ppb
Arsenic	75-2	0.18	0.13	0.15	0.15	17.75	ppb
Barium	135-1	195.91	195.44	198.35	196.57	0.79	ppb
Barium	137-1	196.64	195.12	199.26	197.01	1.06	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00		ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.00	0.04	0.02	102.23	ppb
Cadmium	106-1	-1.56	-2.29	-1.93	-1.93		ppb
Cadmium	111-1	-0.02	-0.02	-0.02	-0.02		ppb
Calcium	43-1	63932.71	64905.29	65347.98	64728.66	1.12	ppb
Calcium	44-1	63538.01	64381.19	64053.70	63990.97	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.28	19.76	19.64	19.56	1.27	ppb
Cobalt	59-2	5.98	6.08	6.05	6.04	0.83	ppb
Copper	63-2	0.15	0.17	0.16	0.16	5.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	2.18	2.40	2.35	2.31	4.90	ppb
Iron	57-2	354.44	366.22	364.63	361.76	1.77	ppb
Iron	54-2	14.22	15.18	14.93	14.78	3.36	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-03	Instrumnet Name :	P7
Client Sample ID :	MC0B84	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:54:47	DataFile Name :	190SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.03	0.03	13.40	ppb
Lead	207-1	0.03	0.03	0.02	0.03	12.65	ppb
Lead	208-1	0.03	0.03	0.03	0.03	9.30	ppb
Lithium	6-1				87		%
Magnesium	24-2	28563.22	29043.62	28950.13	28852.32	0.88	ppb
Manganese	55-2	1.40	1.37	1.40	1.39	1.22	ppb
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	14.00	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	7.83	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	32.58	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	13.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.61	45.15	45.11	44.96	0.67	ppb
Phosphorus	31-2	17.18	20.05	18.67	18.64	7.71	ppb
Potassium	39-2	1659.51	1656.22	1688.96	1668.23	1.08	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	0.64	0.51	0.69	0.61	15.51	ppb
Selenium	77-2	0.79	0.63	0.62	0.68	14.51	ppb
Selenium	78-2	0.22	0.52	0.16	0.30	65.22	ppb
Silicon	28-1	4305.79	4195.02	4301.13	4267.31	1.47	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	22429.61	22716.41	22577.94	22574.66	0.64	ppb
Strontium	86-1	176.43	176.63	176.60	176.55	0.06	ppb
Strontium	88-1	180.83	179.54	179.44	179.94	0.43	ppb
Sulfur	34-1	6672.57	6717.58	6815.03	6735.06	1.08	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.01	0.02	0.02	11.84	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.54	ppb
Tin	118-1	-0.06	-0.06	-0.06	-0.06		ppb
Titanium	47-1	0.51	0.48	0.49	0.50	3.47	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-03	Instrumnet Name :	P7
Client Sample ID :	MC0B84	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:54:47	DataFile Name :	190SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.01	0.00	12.08	ppb
Vanadium	51-2	0.01	0.01	0.02	0.02	23.68	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	3.50	3.45	3.42	3.46	1.16	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	304.42	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-04	Instrumnet Name :	P7
Client Sample ID :	MC0B86	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:58:00	DataFile Name :	191SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.04	6.18	6.03	6.08	1.33	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	10.57	ppb
Arsenic	75-2	0.23	0.22	0.22	0.22	3.89	ppb
Barium	135-1	95.88	99.45	100.12	98.48	2.32	ppb
Barium	137-1	96.04	100.17	101.21	99.14	2.76	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.03	0.02	0.00	14590.19	ppb
Cadmium	106-1	-2.32	-2.09	-2.35	-2.25		ppb
Cadmium	111-1	-0.03	-0.02	-0.03	-0.02		ppb
Calcium	43-1	62430.78	63629.58	63438.03	63166.13	1.02	ppb
Calcium	44-1	61247.82	62993.16	62933.92	62391.63	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.30	14.48	14.60	14.46	1.05	ppb
Cobalt	59-2	1.41	1.41	1.44	1.42	1.18	ppb
Copper	63-2	0.05	0.04	0.04	0.04	6.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	1.42	1.45	1.44	1.44	1.16	ppb
Iron	57-2	342.71	354.72	357.41	351.61	2.23	ppb
Iron	54-2	11.00	11.15	11.51	11.22	2.33	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-04	Instrumnet Name :	P7
Client Sample ID :	MC0B86	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:58:00	DataFile Name :	191SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.02	0.02	15.83	ppb
Lead	207-1	0.03	0.03	0.02	0.03	10.32	ppb
Lead	208-1	0.03	0.02	0.02	0.02	12.33	ppb
Lithium	6-1				86		%
Magnesium	24-2	27675.32	27951.18	28900.04	28175.51	2.28	ppb
Manganese	55-2	1.07	1.06	1.16	1.09	4.94	ppb
Molybdenum	94-1	0.01	0.03	0.04	0.02	49.88	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.03	10.83	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	7.12	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	2.61	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	3.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.62	9.59	9.88	9.70	1.66	ppb
Phosphorus	31-2	17.96	20.37	20.62	19.65	7.48	ppb
Potassium	39-2	1575.57	1591.17	1615.36	1594.04	1.26	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	0.51	0.44	0.91	0.62	40.88	ppb
Selenium	77-2	1.26	0.55	0.38	0.73	64.05	ppb
Selenium	78-2	0.10	0.04	0.87	0.34	135.87	ppb
Silicon	28-1	4084.20	4163.79	4272.24	4173.41	2.26	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	22143.27	22356.66	22730.01	22409.98	1.33	ppb
Strontium	86-1	170.43	178.61	180.70	176.58	3.07	ppb
Strontium	88-1	171.57	178.84	180.56	176.99	2.70	ppb
Sulfur	34-1	6504.50	6687.44	6751.98	6647.97	1.93	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.01	0.01	33.12	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	1.96	ppb
Tin	118-1	-0.05	-0.04	0.00	-0.03		ppb
Titanium	47-1	0.46	0.47	0.44	0.46	3.02	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-04	Instrumnet Name :	P7
Client Sample ID :	MC0B86	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:58:00	DataFile Name :	191SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.07	0.07	0.07	3.54	ppb
Vanadium	51-2	0.18	0.20	0.19	0.19	3.81	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	0.98	1.02	0.99	1.00	2.26	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	512.94	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-05	Instrumnet Name :	P7
Client Sample ID :	MC0B86D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:01:11	DataFile Name :	192SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.29	6.45	6.21	6.32	1.89	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.13	ppb
Arsenic	75-2	0.20	0.24	0.24	0.22	10.63	ppb
Barium	135-1	96.58	98.35	98.89	97.94	1.23	ppb
Barium	137-1	97.14	99.66	100.24	99.01	1.66	ppb
Beryllium	9-1	-0.02	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.01	0.01	0.00	240.71	ppb
Cadmium	106-1	-1.72	-1.87	-2.53	-2.04		ppb
Cadmium	111-1	-0.02	-0.02	-0.03	-0.02		ppb
Calcium	43-1	63778.73	64989.80	63543.32	64103.95	1.21	ppb
Calcium	44-1	62266.05	62797.03	63090.97	62718.02	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.39	14.26	14.10	14.25	1.02	ppb
Cobalt	59-2	1.44	1.45	1.38	1.42	2.80	ppb
Copper	63-2	0.04	0.04	0.05	0.04	11.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	0.91	0.91	0.77	0.86	9.29	ppb
Iron	57-2	341.33	349.37	346.03	345.58	1.17	ppb
Iron	54-2	10.86	9.96	9.81	10.21	5.60	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-05	Instrumnet Name :	P7
Client Sample ID :	MC0B86D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:01:11	DataFile Name :	192SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.01	0.01	34.01	ppb
Lead	207-1	0.02	0.01	0.02	0.02	31.50	ppb
Lead	208-1	0.02	0.01	0.01	0.01	23.38	ppb
Lithium	6-1				87		%
Magnesium	24-2	28318.96	28264.26	27741.56	28108.26	1.13	ppb
Manganese	55-2	1.10	1.08	1.07	1.08	1.75	ppb
Molybdenum	94-1	0.01	0.01	0.04	0.02	82.20	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	13.07	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	4.12	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	5.24	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.03	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.87	9.93	9.47	9.76	2.57	ppb
Phosphorus	31-2	21.79	21.40	21.46	21.55	0.96	ppb
Potassium	39-2	1588.59	1589.41	1546.20	1574.73	1.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	0.92	0.47	0.21	0.53	67.12	ppb
Selenium	77-2	0.38	0.73	0.73	0.61	33.43	ppb
Selenium	78-2	0.14	0.18	0.17	0.16	13.36	ppb
Silicon	28-1	4144.59	4222.64	4206.12	4191.12	0.98	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	22370.82	22450.31	22346.62	22389.25	0.24	ppb
Strontium	86-1	175.94	176.48	178.70	177.04	0.83	ppb
Strontium	88-1	175.31	177.83	177.51	176.88	0.78	ppb
Sulfur	34-1	6667.47	6911.04	6822.94	6800.48	1.81	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	13.47	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.34	ppb
Tin	118-1	-0.05	-0.05	-0.05	-0.05		ppb
Titanium	47-1	0.71	0.43	0.49	0.54	26.19	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-05	Instrumnet Name :	P7
Client Sample ID :	MC0B86D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:01:11	DataFile Name :	192SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.07	0.07	0.07	4.74	ppb
Vanadium	51-2	0.18	0.19	0.17	0.18	3.80	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	0.82	0.78	0.79	0.80	2.86	ppb
Zirconium	90-1	-0.02	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	799.02	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-04LX5	Instrumnet Name :	P7
Client Sample ID :	MC0B86L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 09:04:29	DataFile Name :	193SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.76	1.65	1.68	1.70	3.48	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	13.76	ppb
Arsenic	75-2	0.02	0.03	0.04	0.03	33.63	ppb
Barium	135-1	19.78	20.00	19.99	19.92	0.64	ppb
Barium	137-1	19.98	20.00	19.99	19.99	0.04	ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.01	0.01	0.01	68.40	ppb
Cadmium	106-1	-0.99	-1.76	-1.82	-1.52		ppb
Cadmium	111-1	-0.02	-0.02	-0.02	-0.02		ppb
Calcium	43-1	13507.92	13526.76	13325.00	13453.22	0.83	ppb
Calcium	44-1	12272.65	12687.24	12618.54	12526.14	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.06	3.05	2.99	3.03	1.25	ppb
Cobalt	59-2	0.29	0.30	0.30	0.29	2.21	ppb
Copper	63-2	0.02	0.02	0.01	0.02	49.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	0.37	0.36	0.29	0.34	13.61	ppb
Iron	57-2	67.24	69.56	70.08	68.96	2.19	ppb
Iron	54-2	1.15	1.84	1.17	1.39	28.54	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-04LX5	Instrumnet Name :	P7
Client Sample ID :	MC0B86L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 09:04:29	DataFile Name :	193SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.00	0.00	323.13	ppb
Lead	207-1	0.01	0.00	0.00	0.00	172.51	ppb
Lead	208-1	0.01	0.00	0.00	0.00	124.73	ppb
Lithium	6-1				89		%
Magnesium	24-2	5704.72	5671.99	5746.94	5707.88	0.66	ppb
Manganese	55-2	0.11	0.12	0.12	0.12	4.71	ppb
Molybdenum	94-1	0.00	-0.02	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.01	22.67	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	45.50	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	55.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	2.03	2.08	2.04	1.77	ppb
Phosphorus	31-2	-10.86	-13.53	-9.01	-11.13		ppb
Potassium	39-2	333.88	338.80	338.08	336.92	0.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	-0.14	-0.25	-0.14	-0.18		ppb
Selenium	77-2	0.20	-0.05	0.12	0.09	147.15	ppb
Selenium	78-2	0.48	0.36	0.23	0.36	35.19	ppb
Silicon	28-1	846.97	825.15	821.90	831.34	1.64	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	4443.64	4523.43	4458.44	4475.17	0.95	ppb
Strontium	86-1	35.42	34.83	35.13	35.13	0.84	ppb
Strontium	88-1	35.52	35.07	35.26	35.28	0.65	ppb
Sulfur	34-1	837.50	852.32	834.53	841.45	1.13	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.06	-0.06	-0.06	-0.06		ppb
Titanium	47-1	0.10	0.09	0.06	0.09	26.16	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-04LX5	Instrumnet Name :	P7
Client Sample ID :	MC0B86L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 09:04:29	DataFile Name :	193SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	3.39	ppb
Vanadium	51-2	0.04	0.04	0.03	0.04	7.12	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	0.84	0.79	0.75	0.79	5.46	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.01	0.00	0.00		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:07:41	DataFile Name :	194ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88407.43	87757.94	86680.62	87615.33	1.00	ppb
Antimony	121-1	1.02	1.04	1.08	1.05	2.55	ppb
Arsenic	75-2	0.30	0.29	0.28	0.29	3.79	ppb
Barium	135-1	1.40	1.33	1.38	1.37	2.47	ppb
Barium	137-1	1.35	1.37	1.36	1.36	0.68	ppb
Beryllium	9-1	0.26	0.22	0.32	0.27	18.07	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.17	7.98	8.50	8.22	3.20	ppb
Cadmium	106-1	-0.66	-1.12	-1.61	-1.13		ppb
Cadmium	111-1	0.35	0.34	0.30	0.33	7.35	ppb
Calcium	43-1	83241.71	83530.04	85712.53	84161.43	1.61	ppb
Calcium	44-1	82286.70	81975.37	84113.79	82791.95	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.02	19.71	19.39	19.71	1.58	ppb
Cobalt	59-2	1.69	1.68	1.66	1.68	0.84	ppb
Copper	63-2	7.18	7.07	6.98	7.08	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	100363.11	100063.09	97835.87	99420.69	1.39	ppb
Iron	57-2	101779.34	99439.33	97460.91	99559.86	2.17	ppb
Iron	54-2	100975.95	99537.49	98962.86	99825.43	1.04	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:07:41	DataFile Name :	194ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.45	4.52	4.52	4.50	0.86	ppb
Lead	207-1	4.00	4.00	4.10	4.04	1.47	ppb
Lead	208-1	4.16	4.18	4.25	4.20	1.06	ppb
Lithium	6-1				85		%
Magnesium	24-2	100192.89	98922.40	96551.50	98555.60	1.88	ppb
Manganese	55-2	7.60	7.43	7.49	7.50	1.12	ppb
Molybdenum	94-1	1513.84	1527.74	1543.62	1528.40	0.98	ppb
Molybdenum	95-1	1842.40	1845.00	1879.62	1855.67	1.12	ppb
Molybdenum	96-1	1800.37	1836.65	1859.82	1832.28	1.64	ppb
Molybdenum	97-1	1838.85	1845.49	1893.43	1859.26	1.60	ppb
Molybdenum	98-1	1849.73	1843.66	1895.80	1863.06	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.43	5.35	5.19	5.32	2.23	ppb
Phosphorus	31-2	94856.09	92951.85	91872.91	93226.95	1.62	ppb
Potassium	39-2	93331.10	91691.94	91623.11	92215.38	1.05	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	-0.31	-0.32	-0.57	-0.40		ppb
Selenium	77-2	0.28	0.03	0.11	0.14	92.04	ppb
Selenium	78-2	-0.16	0.53	-0.52	-0.05		ppb
Silicon	28-1	-5.43	-6.31	-5.52	-5.75		ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.68	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.30	ppb
Sodium	23-2	97655.96	96704.72	95676.90	96679.19	1.02	ppb
Strontium	86-1	32.25	32.80	33.12	32.73	1.34	ppb
Strontium	88-1	32.62	33.11	33.29	33.01	1.05	ppb
Sulfur	34-1	88017.08	87873.44	90182.49	88691.00	1.46	ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.00	0.00	0.00	84.76	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	23.09	ppb
Tin	118-1	0.12	0.11	0.11	0.11	6.35	ppb
Titanium	47-1	1920.78	1872.10	1941.37	1911.41	1.86	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:07:41	DataFile Name :	194ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	2.53	ppb
Vanadium	51-2	0.20	0.19	0.18	0.19	6.86	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	11.86	11.38	11.37	11.54	2.41	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	33.98	ppb

1000

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:10:44	DataFile Name :	195ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91191.16	92995.88	94707.78	92964.94	1.89	ppb
Antimony	121-1	19.00	19.33	19.58	19.30	1.52	ppb
Arsenic	75-2	19.31	18.96	19.30	19.19	1.03	ppb
Barium	135-1	19.27	19.48	19.98	19.58	1.87	ppb
Barium	137-1	19.56	19.75	19.92	19.74	0.92	ppb
Beryllium	9-1	18.79	19.04	18.94	18.92	0.68	ppb
Bismuth	209-1				110		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	23.54	23.76	23.94	23.75	0.84	ppb
Cadmium	106-1	14.52	13.87	13.58	13.99	3.44	ppb
Cadmium	111-1	17.36	17.67	17.87	17.63	1.46	ppb
Calcium	43-1	90549.88	89940.06	89905.05	90131.66	0.40	ppb
Calcium	44-1	88526.22	88052.83	89215.68	88598.24	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.36	39.23	40.29	39.63	1.47	ppb
Cobalt	59-2	20.69	20.45	21.28	20.81	2.03	ppb
Copper	63-2	24.96	25.04	25.84	25.28	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	104280.77	103479.06	108060.18	105273.34	2.32	ppb
Iron	57-2	104198.29	105442.74	106945.69	105528.91	1.30	ppb
Iron	54-2	104434.47	104730.03	108012.75	105725.75	1.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:10:44	DataFile Name :	195ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.41	23.90	23.95	23.76	1.25	ppb
Lead	207-1	22.51	22.97	23.02	22.83	1.23	ppb
Lead	208-1	22.84	23.26	23.28	23.13	1.07	ppb
Lithium	6-1				80		%
Magnesium	24-2	102668.66	103150.89	105242.79	103687.45	1.32	ppb
Manganese	55-2	25.87	25.95	27.11	26.31	2.65	ppb
Molybdenum	94-1	1613.38	1587.34	1592.93	1597.88	0.86	ppb
Molybdenum	95-1	1942.78	1937.84	1916.55	1932.39	0.72	ppb
Molybdenum	96-1	1897.99	1899.50	1901.81	1899.77	0.10	ppb
Molybdenum	97-1	1935.39	1907.16	1940.51	1927.69	0.93	ppb
Molybdenum	98-1	1951.50	1941.25	1937.67	1943.47	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.17	24.20	24.58	24.31	0.93	ppb
Phosphorus	31-2	96963.78	99726.04	100463.55	99051.12	1.86	ppb
Potassium	39-2	97961.85	97584.00	99708.81	98418.22	1.15	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	18.85	18.07	17.68	18.20	3.26	ppb
Selenium	77-2	19.91	18.59	18.64	19.05	3.92	ppb
Selenium	78-2	17.37	17.06	16.76	17.06	1.77	ppb
Silicon	28-1	-4.94	-5.34	-4.89	-5.06		ppb
Silver	107-1	16.96	17.22	17.38	17.19	1.21	ppb
Silver	109-1	16.94	17.17	17.41	17.18	1.37	ppb
Sodium	23-2	101796.87	102865.21	104701.16	103121.08	1.42	ppb
Strontium	86-1	34.31	34.65	34.58	34.51	0.53	ppb
Strontium	88-1	34.23	34.80	34.27	34.43	0.93	ppb
Sulfur	34-1	94940.75	94784.67	96243.07	95322.83	0.84	ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	18.85	19.07	19.32	19.08	1.23	ppb
Thallium	205-1	18.59	19.05	18.96	18.87	1.28	ppb
Tin	118-1	0.09	0.11	0.12	0.11	10.90	ppb
Titanium	47-1	2034.92	2008.61	2038.30	2027.28	0.80	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:10:44	DataFile Name :	195ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	5.66	ppb
Vanadium	51-2	18.72	18.41	19.12	18.75	1.90	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	30.34	30.40	31.71	30.82	2.50	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	27.36	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:13:45	DataFile Name :	196CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50375.85	49755.86	49703.61	49945.10	0.75	ppb
Antimony	121-1	477.60	498.33	506.27	494.07	3.00	ppb
Arsenic	75-2	523.09	522.68	525.27	523.68	0.27	ppb
Barium	135-1	2320.57	2409.97	2426.28	2385.61	2.39	ppb
Barium	137-1	2339.10	2395.87	2439.98	2391.65	2.11	ppb
Beryllium	9-1	468.91	491.09	509.03	489.68	4.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	477.32	497.56	505.19	493.36	2.92	ppb
Cadmium	106-1	477.13	497.39	512.98	495.83	3.63	ppb
Cadmium	111-1	488.93	498.39	524.71	504.01	3.68	ppb
Calcium	43-1	209257.57	214985.07	218753.43	214332.02	2.23	ppb
Calcium	44-1	215929.25	228664.95	230482.96	225025.72	3.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.58	501.85	500.61	503.01	0.63	ppb
Cobalt	59-2	534.26	537.19	533.17	534.87	0.39	ppb
Copper	63-2	5136.32	5180.49	5119.36	5145.39	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	127583.61	126606.03	126707.10	126965.58	0.42	ppb
Iron	57-2	127073.22	127301.04	127696.90	127357.05	0.25	ppb
Iron	54-2	127271.80	127985.75	128408.73	127888.76	0.45	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:13:45	DataFile Name :	196CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2339.15	2504.95	2480.88	2441.66	3.67	ppb
Lead	207-1	2367.50	2534.42	2496.86	2466.26	3.55	ppb
Lead	208-1	2355.74	2522.68	2498.22	2458.88	3.67	ppb
Lithium	6-1				79		%
Magnesium	24-2	270259.10	268286.97	266385.73	268310.60	0.72	ppb
Manganese	55-2	4969.15	4951.71	4959.12	4959.99	0.18	ppb
Molybdenum	94-1	4595.35	4898.83	4898.01	4797.40	3.65	ppb
Molybdenum	95-1	4632.89	4829.73	4928.71	4797.11	3.14	ppb
Molybdenum	96-1	4654.64	4826.34	4947.83	4809.61	3.06	ppb
Molybdenum	97-1	4637.76	4847.65	4940.52	4808.64	3.23	ppb
Molybdenum	98-1	4673.25	4905.30	4961.77	4846.77	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.77	524.74	534.44	529.32	0.92	ppb
Phosphorus	31-2	9822.71	9822.04	9730.55	9791.77	0.54	ppb
Potassium	39-2	124050.97	124337.90	123257.07	123881.98	0.45	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	483.92	505.51	508.48	499.30	2.68	ppb
Selenium	77-2	516.34	495.92	516.89	509.71	2.34	ppb
Selenium	78-2	504.83	507.11	508.63	506.86	0.38	ppb
Silicon	28-1	150.58	160.69	163.27	158.18	4.24	ppb
Silver	107-1	481.32	486.34	503.67	490.44	2.39	ppb
Silver	109-1	478.33	486.68	512.07	492.36	3.57	ppb
Sodium	23-2	248114.11	252270.98	254526.55	251637.22	1.29	ppb
Strontium	86-1	509.21	530.50	538.11	525.94	2.85	ppb
Strontium	88-1	509.08	535.17	539.76	528.00	3.13	ppb
Sulfur	34-1	8242.14	9568.09	9757.99	9189.41	8.99	ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	472.13	498.57	498.89	489.86	3.13	ppb
Thallium	205-1	469.23	504.28	501.72	491.75	3.97	ppb
Tin	118-1	464.32	489.85	499.34	484.50	3.74	ppb
Titanium	47-1	4671.23	4901.73	4846.32	4806.43	2.50	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:13:45	DataFile Name :	196CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	477.19	521.39	512.90	503.83	4.66	ppb
Vanadium	51-2	509.30	506.66	508.48	508.15	0.27	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	5064.09	5110.63	5126.69	5100.47	0.64	ppb
Zirconium	90-1	467.32	501.71	495.46	488.16	3.75	ppb
Zirconium	91-1	471.66	497.61	492.13	487.13	2.81	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:16:28	DataFile Name :	197CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.77	0.50	0.43	0.56	31.66	ppb
Antimony	121-1	0.16	0.20	0.27	0.21	27.61	ppb
Arsenic	75-2	0.01	0.00	0.00	0.01	119.13	ppb
Barium	135-1	0.13	0.09	0.04	0.08	54.22	ppb
Barium	137-1	0.12	0.07	0.05	0.08	47.97	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	15.88	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.02	0.03	0.03	58.04	ppb
Cadmium	106-1	-0.69	-1.55	-1.25	-1.16		ppb
Cadmium	111-1	0.03	0.01	0.00	0.01	81.62	ppb
Calcium	43-1	10.67	6.22	1.80	6.23	71.22	ppb
Calcium	44-1	3.60	-1.69	-5.01	-1.03		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	61.23	ppb
Copper	63-2	0.10	0.07	0.07	0.08	19.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	1.61	1.20	0.85	1.22	31.01	ppb
Iron	57-2	0.38	0.11	0.31	0.27	52.54	ppb
Iron	54-2	0.74	0.62	-0.03	0.44	92.76	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:16:28	DataFile Name :	197CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.14	0.09	0.06	0.09	43.91	ppb
Lead	207-1	0.13	0.09	0.06	0.09	36.43	ppb
Lead	208-1	0.14	0.09	0.06	0.10	44.29	ppb
Lithium	6-1				90		%
Magnesium	24-2	7.02	6.53	5.54	6.36	11.86	ppb
Manganese	55-2	-0.05	-0.07	-0.08	-0.07		ppb
Molybdenum	94-1	0.36	0.29	0.29	0.31	13.07	ppb
Molybdenum	95-1	0.36	0.27	0.24	0.29	22.59	ppb
Molybdenum	96-1	0.34	0.26	0.24	0.28	19.79	ppb
Molybdenum	97-1	0.34	0.27	0.24	0.28	17.93	ppb
Molybdenum	98-1	0.34	0.27	0.25	0.29	16.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.01	0.00	36.21	ppb
Phosphorus	31-2	-18.70	-18.33	-18.37	-18.47		ppb
Potassium	39-2	17.27	15.17	13.38	15.27	12.73	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.24	-0.43	-0.72	-0.46		ppb
Selenium	77-2	0.03	0.03	0.03	0.03	2.53	ppb
Selenium	78-2	-0.07	0.36	0.36	0.22	114.75	ppb
Silicon	28-1	-7.70	-7.73	-7.99	-7.81		ppb
Silver	107-1	0.04	0.03	0.02	0.03	37.17	ppb
Silver	109-1	0.05	0.03	0.02	0.03	48.53	ppb
Sodium	23-2	15.03	13.93	12.75	13.91	8.20	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	202.36	ppb
Strontium	88-1	0.03	0.02	0.01	0.02	57.05	ppb
Sulfur	34-1	-511.43	-524.59	-466.41	-500.81		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.06	0.06	0.07	15.99	ppb
Thallium	205-1	0.08	0.06	0.06	0.07	19.92	ppb
Tin	118-1	-0.01	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.28	0.15	0.10	0.18	53.82	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:16:28	DataFile Name :	197CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.01	0.02	38.52	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	23.37	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	0.04	0.04	0.01	0.03	57.45	ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	8.89	ppb
Zirconium	91-1	0.05	0.05	0.06	0.05	4.92	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-06	Instrumnet Name :	P7
Client Sample ID :	MC0B86S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:19:43	DataFile Name :	198SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1813.59	1902.79	1885.56	1867.31	2.53	ppb
Antimony	121-1	99.51	97.57	97.12	98.07	1.29	ppb
Arsenic	75-2	37.58	38.56	39.81	38.65	2.89	ppb
Barium	135-1	2048.30	1993.13	2014.71	2018.71	1.38	ppb
Barium	137-1	2053.25	2014.41	2024.94	2030.87	0.99	ppb
Beryllium	9-1	48.12	49.41	48.89	48.81	1.33	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	43.13	42.74	43.46	43.11	0.83	ppb
Cadmium	106-1	43.05	40.06	40.36	41.16	4.00	ppb
Cadmium	111-1	48.70	47.95	47.77	48.14	1.02	ppb
Calcium	43-1	66355.05	64984.95	63784.64	65041.55	1.98	ppb
Calcium	44-1	64790.73	63081.13	63145.09	63672.31	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	212.04	218.70	216.06	215.60	1.56	ppb
Cobalt	59-2	489.10	513.37	507.41	503.30	2.51	ppb
Copper	63-2	232.22	248.57	249.42	243.40	3.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	999.92	1034.45	1041.43	1025.26	2.17	ppb
Iron	57-2	1371.06	1450.27	1443.90	1421.74	3.10	ppb
Iron	54-2	1197.08	1252.65	1246.70	1232.14	2.48	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-06	Instrumnet Name :	P7
Client Sample ID :	MC0B86S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:19:43	DataFile Name :	198SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.21	20.19	19.83	20.08	1.06	ppb
Lead	207-1	20.12	19.73	19.63	19.83	1.31	ppb
Lead	208-1	20.12	19.92	19.85	19.96	0.70	ppb
Lithium	6-1				88		%
Magnesium	24-2	27212.68	28022.73	27780.69	27672.03	1.50	ppb
Manganese	55-2	462.66	486.55	486.03	478.41	2.85	ppb
Molybdenum	94-1	0.09	0.12	0.17	0.13	30.20	ppb
Molybdenum	95-1	0.08	0.09	0.09	0.09	7.87	ppb
Molybdenum	96-1	0.10	0.10	0.10	0.10	0.35	ppb
Molybdenum	97-1	0.08	0.07	0.09	0.08	14.00	ppb
Molybdenum	98-1	0.09	0.10	0.09	0.09	5.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.74	527.32	515.05	515.37	2.29	ppb
Phosphorus	31-2	22.55	23.15	24.04	23.25	3.21	ppb
Potassium	39-2	1510.30	1594.28	1579.86	1561.48	2.88	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	97.74	98.89	100.60	99.08	1.45	ppb
Selenium	77-2	95.28	94.00	97.37	95.55	1.78	ppb
Selenium	78-2	94.24	95.82	95.74	95.27	0.94	ppb
Silicon	28-1	4215.85	4213.05	4154.67	4194.53	0.82	ppb
Silver	107-1	48.97	48.66	48.06	48.56	0.95	ppb
Silver	109-1	48.92	48.73	47.21	48.29	1.94	ppb
Sodium	23-2	21615.89	22325.20	22143.36	22028.15	1.67	ppb
Strontium	86-1	178.45	177.50	178.44	178.13	0.31	ppb
Strontium	88-1	178.37	180.57	180.20	179.71	0.66	ppb
Sulfur	34-1	7235.38	6937.89	6917.00	7030.09	2.53	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	49.99	49.21	49.27	49.49	0.87	ppb
Thallium	205-1	48.41	47.65	47.57	47.88	0.96	ppb
Tin	118-1	0.05	0.04	0.04	0.04	25.51	ppb
Titanium	47-1	0.51	0.47	0.46	0.48	6.29	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-06	Instrumnet Name :	P7
Client Sample ID :	MC0B86S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:19:43	DataFile Name :	198SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.07	0.07	0.07	1.45	ppb
Vanadium	51-2	477.41	501.21	497.19	491.94	2.59	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	485.83	512.64	511.01	503.16	2.99	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	33.96	ppb
Zirconium	91-1	0.05	0.05	0.07	0.06	20.44	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-07	Instrumnet Name :	P7
Client Sample ID :	MC0B88	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:22:42	DataFile Name :	199SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.81	6.36	6.29	6.15	4.89	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	13.09	ppb
Arsenic	75-2	0.21	0.22	0.29	0.24	17.41	ppb
Barium	135-1	100.95	102.60	99.99	101.18	1.30	ppb
Barium	137-1	101.37	102.41	101.09	101.62	0.68	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.04	0.02	0.02	136.32	ppb
Cadmium	106-1	-1.16	-1.59	-1.64	-1.47		ppb
Cadmium	111-1	0.00	-0.01	-0.01	-0.01		ppb
Calcium	43-1	63029.87	64914.81	66419.78	64788.15	2.62	ppb
Calcium	44-1	63080.03	63775.64	64035.54	63630.40	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.25	14.54	14.00	14.26	1.92	ppb
Cobalt	59-2	1.41	1.42	1.36	1.40	1.99	ppb
Copper	63-2	0.05	0.06	0.04	0.05	22.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	1.26	1.23	1.15	1.21	4.77	ppb
Iron	57-2	345.80	359.19	349.73	351.58	1.96	ppb
Iron	54-2	11.00	10.28	10.23	10.50	4.08	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-07	Instrumnet Name :	P7
Client Sample ID :	MC0B88	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:22:42	DataFile Name :	199SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.05	0.05	0.05	5.71	ppb
Lead	207-1	0.05	0.04	0.04	0.04	8.06	ppb
Lead	208-1	0.05	0.05	0.04	0.05	7.70	ppb
Lithium	6-1				88		%
Magnesium	24-2	27785.48	28871.69	27688.37	28115.18	2.34	ppb
Manganese	55-2	1.38	1.34	1.35	1.36	1.60	ppb
Molybdenum	94-1	0.05	0.07	0.08	0.07	29.35	ppb
Molybdenum	95-1	0.04	0.06	0.06	0.05	18.46	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	15.92	ppb
Molybdenum	97-1	0.05	0.05	0.05	0.05	8.14	ppb
Molybdenum	98-1	0.04	0.05	0.05	0.05	11.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.52	9.57	9.25	9.45	1.81	ppb
Phosphorus	31-2	19.95	20.48	20.48	20.30	1.53	ppb
Potassium	39-2	1563.00	1645.74	1580.97	1596.57	2.73	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.28	0.63	0.51	0.47	36.84	ppb
Selenium	77-2	0.76	0.20	0.53	0.50	57.43	ppb
Selenium	78-2	-0.13	0.88	0.12	0.29	182.70	ppb
Silicon	28-1	4166.27	4187.91	4226.61	4193.59	0.73	ppb
Silver	107-1	0.02	0.01	0.01	0.01	44.41	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.15	ppb
Sodium	23-2	22463.60	22946.04	21740.66	22383.44	2.71	ppb
Strontium	86-1	179.33	181.15	176.92	179.13	1.18	ppb
Strontium	88-1	180.58	180.37	180.87	180.61	0.14	ppb
Sulfur	34-1	6900.11	6956.57	7198.92	7018.53	2.26	ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.03	0.04	16.17	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	12.53	ppb
Tin	118-1	-0.05	-0.05	-0.05	-0.05		ppb
Titanium	47-1	0.50	0.46	0.50	0.49	4.79	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-07	Instrumnet Name :	P7
Client Sample ID :	MC0B88	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:22:42	DataFile Name :	199SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.07	0.06	0.07	2.98	ppb
Vanadium	51-2	0.19	0.18	0.19	0.19	1.65	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	0.75	0.76	0.70	0.74	4.73	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	75.70	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	5.71	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-01	Instrumnet Name :	P7
Client Sample ID :	MYE5L3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:25:51	DataFile Name :	200SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.00	1.99	1.98	1.99	0.67	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	15.14	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	4302.40	ppb
Barium	135-1	0.10	0.08	0.08	0.09	12.15	ppb
Barium	137-1	0.08	0.08	0.08	0.08	5.80	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00		ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.01	0.00	0.01	96.70	ppb
Cadmium	106-1	-0.78	-1.60	-1.05	-1.14		ppb
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Calcium	43-1	48.05	47.55	46.43	47.34	1.75	ppb
Calcium	44-1	38.75	40.60	37.90	39.08	3.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.46	0.36	0.36	0.39	14.62	ppb
Cobalt	59-2	0.05	0.06	0.06	0.06	5.91	ppb
Copper	63-2	0.07	0.07	0.07	0.07	5.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	4.42	4.36	4.50	4.43	1.57	ppb
Iron	57-2	3.17	3.80	4.53	3.83	17.77	ppb
Iron	54-2	4.13	2.80	4.11	3.68	20.76	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-01	Instrumnet Name :	P7
Client Sample ID :	MYE5L3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:25:51	DataFile Name :	200SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.09	0.08	0.09	6.20	ppb
Lead	207-1	0.09	0.08	0.08	0.09	2.68	ppb
Lead	208-1	0.09	0.09	0.09	0.09	2.97	ppb
Lithium	6-1				94		%
Magnesium	24-2	5.72	5.72	5.76	5.73	0.42	ppb
Manganese	55-2	0.68	0.69	0.68	0.68	0.95	ppb
Molybdenum	94-1	-0.01	0.00	0.00	0.00	698.96	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	3.47	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	21.45	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.02	34.75	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	7.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.46	0.50	0.47	5.69	ppb
Phosphorus	31-2	-20.98	-20.73	-19.79	-20.50		ppb
Potassium	39-2	8.95	7.63	9.47	8.68	10.90	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	-0.54	-0.07	-0.19	-0.27		ppb
Selenium	77-2	-0.05	-0.05	0.03	-0.03		ppb
Selenium	78-2	-0.23	-0.25	-0.49	-0.32		ppb
Silicon	28-1	-9.50	-8.11	-8.14	-8.58		ppb
Silver	107-1	0.00	0.00	0.00	0.00	205.79	ppb
Silver	109-1	0.00	0.00	0.00	0.00	50.87	ppb
Sodium	23-2	11.57	10.91	11.40	11.29	3.03	ppb
Strontium	86-1	0.04	0.04	0.04	0.04	11.23	ppb
Strontium	88-1	0.06	0.06	0.05	0.06	3.38	ppb
Sulfur	34-1	-650.94	-474.92	-521.05	-548.97		ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	14.38	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	8.37	ppb
Tin	118-1	0.04	0.04	0.05	0.04	13.98	ppb
Titanium	47-1	0.05	0.05	0.05	0.05	5.45	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-01	Instrumnet Name :	P7
Client Sample ID :	MYE5L3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:25:51	DataFile Name :	200SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	17.54	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	2.94	2.72	2.84	2.84	3.88	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-02	Instrumnet Name :	P7
Client Sample ID :	MYE5L4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:29:09	DataFile Name :	201SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.58	1.57	1.65	1.60	2.82	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	30.84	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.07	0.06	0.07	0.06	12.42	ppb
Barium	137-1	0.07	0.05	0.05	0.06	14.50	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	-0.03	-0.01		ppb
Cadmium	106-1	-1.15	-0.65	-1.59	-1.13		ppb
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Calcium	43-1	51.92	50.15	49.88	50.65	2.19	ppb
Calcium	44-1	42.46	44.05	42.78	43.10	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.20	0.20	0.20	0.51	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	6.28	ppb
Copper	63-2	0.15	0.14	0.16	0.15	6.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	4.66	4.92	5.12	4.90	4.72	ppb
Iron	57-2	3.87	3.29	4.45	3.87	15.01	ppb
Iron	54-2	3.01	3.42	3.81	3.41	11.76	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-02	Instrumnet Name :	P7
Client Sample ID :	MYE5L4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:29:09	DataFile Name :	201SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.12	0.12	0.11	0.12	5.52	ppb
Lead	207-1	0.11	0.12	0.09	0.11	11.35	ppb
Lead	208-1	0.12	0.11	0.11	0.11	5.21	ppb
Lithium	6-1				95		%
Magnesium	24-2	4.89	4.68	4.94	4.84	2.83	ppb
Manganese	55-2	0.58	0.60	0.66	0.61	6.57	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	9.88	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	51.54	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	37.85	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	24.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.16	0.16	0.16	3.63	ppb
Phosphorus	31-2	-20.17	-20.16	-20.52	-20.28		ppb
Potassium	39-2	8.41	8.32	10.28	9.00	12.27	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	-0.32	-0.54	-0.37	-0.41		ppb
Selenium	77-2	0.03	0.03	0.03	0.03	4.12	ppb
Selenium	78-2	-0.63	-0.35	0.26	-0.24		ppb
Silicon	28-1	-6.07	-5.58	-5.39	-5.68		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	171.81	ppb
Sodium	23-2	5.93	6.16	6.68	6.26	6.15	ppb
Strontium	86-1	0.04	0.03	0.05	0.04	25.66	ppb
Strontium	88-1	0.04	0.05	0.04	0.05	4.46	ppb
Sulfur	34-1	-493.90	-406.49	-388.46	-429.62		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.01	0.01	19.46	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	5.26	ppb
Tin	118-1	0.01	0.04	0.02	0.02	69.94	ppb
Titanium	47-1	0.01	0.02	0.01	0.01	34.65	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-02	Instrumnet Name :	P7
Client Sample ID :	MYE5L4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:29:09	DataFile Name :	201SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	32.66	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	2.90	2.96	3.01	2.95	1.80	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00		ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-03	Instrumnet Name :	P7
Client Sample ID :	MYE5L5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:32:23	DataFile Name :	202SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.05	1.33	2.22	1.53	40.14	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	26.81	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	70.47	ppb
Barium	135-1	0.07	0.07	0.07	0.07	1.00	ppb
Barium	137-1	0.07	0.06	0.06	0.06	8.63	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.00	-0.01	-0.01		ppb
Cadmium	106-1	0.02	-0.78	-1.64	-0.80		ppb
Cadmium	111-1	0.00	-0.01	-0.02	-0.01		ppb
Calcium	43-1	36.34	35.40	36.29	36.01	1.47	ppb
Calcium	44-1	25.92	26.70	25.82	26.15	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.06	0.05	0.06	15.28	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	14.98	ppb
Copper	63-2	0.58	0.59	0.61	0.59	2.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	56-2	17.14	17.45	17.40	17.33	0.96	ppb
Iron	57-2	17.15	17.60	15.72	16.82	5.82	ppb
Iron	54-2	15.28	15.71	16.47	15.82	3.78	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-03	Instrumnet Name :	P7
Client Sample ID :	MYE5L5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:32:23	DataFile Name :	202SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.10	0.10	0.09	0.10	8.53	ppb
Lead	207-1	0.11	0.09	0.09	0.10	9.46	ppb
Lead	208-1	0.10	0.10	0.09	0.10	4.01	ppb
Lithium	6-1				98		%
Magnesium	24-2	3.59	3.44	7.11	4.71	44.10	ppb
Manganese	55-2	0.61	0.62	0.63	0.62	1.59	ppb
Molybdenum	94-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	20.51	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	33.78	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	82.62	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	22.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.15	0.11	0.12	15.89	ppb
Phosphorus	31-2	-20.86	-20.12	-20.36	-20.45		ppb
Potassium	39-2	3.83	5.06	4.21	4.36	14.47	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	-0.19	-0.49	-0.41	-0.36		ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	0.24	-0.41	-0.52	-0.23		ppb
Silicon	28-1	-6.34	-6.10	-5.47	-5.97		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	1778.83	ppb
Sodium	23-2	9.11	9.04	10.70	9.62	9.78	ppb
Strontium	86-1	0.04	0.03	0.04	0.04	13.80	ppb
Strontium	88-1	0.04	0.05	0.05	0.04	4.23	ppb
Sulfur	34-1	-506.19	-495.46	-475.43	-492.36		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.01	0.01	22.15	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	9.45	ppb
Tin	118-1	-0.04	-0.03	-0.04	-0.04		ppb
Titanium	47-1	0.00	-0.01	0.02	0.00	284.15	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-03	Instrumnet Name :	P7
Client Sample ID :	MYE5L5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:32:23	DataFile Name :	202SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	272.75	ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	79.77	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	2.71	2.76	2.88	2.78	3.15	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-04	Instrumnet Name :	P7
Client Sample ID :	MYE5L6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:35:40	DataFile Name :	203SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.49	1.73	1.82	1.68	10.32	ppb
Antimony	121-1	0.00	0.00	0.01	0.01	33.18	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.08	0.07	0.07	0.08	6.52	ppb
Barium	137-1	0.07	0.08	0.06	0.07	14.30	ppb
Beryllium	9-1	-0.01	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.00	0.00	0.00	139.29	ppb
Cadmium	106-1	-0.86	-1.31	-1.44	-1.20		ppb
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Calcium	43-1	33.82	35.20	35.66	34.89	2.76	ppb
Calcium	44-1	24.76	26.24	26.47	25.83	3.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.09	0.09	0.09	7.13	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	37.05	ppb
Copper	63-2	0.12	0.13	0.14	0.13	8.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	3.93	3.73	3.82	3.83	2.73	ppb
Iron	57-2	3.19	3.47	3.22	3.29	4.72	ppb
Iron	54-2	1.48	2.31	2.56	2.12	26.85	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-04	Instrumnet Name :	P7
Client Sample ID :	MYE5L6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:35:40	DataFile Name :	203SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.06	0.06	0.06	6.35	ppb
Lead	207-1	0.07	0.06	0.06	0.06	13.03	ppb
Lead	208-1	0.07	0.06	0.06	0.06	9.24	ppb
Lithium	6-1				97		%
Magnesium	24-2	3.76	4.01	3.82	3.86	3.45	ppb
Manganese	55-2	0.38	0.37	0.39	0.38	2.10	ppb
Molybdenum	94-1	-0.01	0.00	-0.02	-0.01		ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	45.90	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	104.38	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	629.67	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	36.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.06	0.07	0.07	18.17	ppb
Phosphorus	31-2	-20.31	-20.09	-19.31	-19.90		ppb
Potassium	39-2	6.04	5.47	5.48	5.66	5.84	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	-0.21	-0.39	-0.40	-0.33		ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	-0.23	0.04	0.07	-0.04		ppb
Silicon	28-1	-6.21	-5.50	-5.32	-5.67		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6.04	6.06	6.71	6.27	6.11	ppb
Strontium	86-1	0.04	0.04	0.05	0.05	12.08	ppb
Strontium	88-1	0.05	0.06	0.05	0.05	1.82	ppb
Sulfur	34-1	-526.70	-461.79	-426.81	-471.76		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	20.08	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	2.34	ppb
Tin	118-1	-0.04	0.00	-0.05	-0.03		ppb
Titanium	47-1	0.01	0.03	0.04	0.02	53.17	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-04	Instrumnet Name :	P7
Client Sample ID :	MYE5L6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:35:40	DataFile Name :	203SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	64.60	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	2.48	2.58	2.65	2.57	3.14	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-05	Instrumnet Name :	P7
Client Sample ID :	MYE5L7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:38:55	DataFile Name :	204SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.92	1.92	2.12	1.99	5.67	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	21.03	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.12	0.10	0.12	0.11	10.37	ppb
Barium	137-1	0.11	0.11	0.11	0.11	4.39	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.04	0.05	0.03	60.07	ppb
Cadmium	106-1	-1.28	-1.65	-1.17	-1.37		ppb
Cadmium	111-1	-0.01	-0.02	-0.01	-0.01		ppb
Calcium	43-1	49.12	45.48	46.21	46.94	4.10	ppb
Calcium	44-1	37.73	36.26	38.54	37.51	3.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.77	0.77	0.75	0.76	1.44	ppb
Cobalt	59-2	0.07	0.07	0.07	0.07	5.52	ppb
Copper	63-2	0.05	0.07	0.06	0.06	18.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	10.37	10.48	10.19	10.34	1.43	ppb
Iron	57-2	10.53	8.98	10.61	10.04	9.16	ppb
Iron	54-2	9.93	10.03	10.42	10.12	2.54	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-05	Instrumnet Name :	P7
Client Sample ID :	MYE5L7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:38:55	DataFile Name :	204SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.19	0.20	0.20	3.04	ppb
Lead	207-1	0.20	0.20	0.18	0.19	4.95	ppb
Lead	208-1	0.20	0.19	0.19	0.20	2.30	ppb
Lithium	6-1				94		%
Magnesium	24-2	3.74	3.89	3.70	3.78	2.71	ppb
Manganese	55-2	0.62	0.65	0.62	0.63	3.25	ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	22.79	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	34.38	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	58.82	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	13.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.57	0.54	0.55	3.42	ppb
Phosphorus	31-2	-19.65	-20.28	-20.77	-20.23		ppb
Potassium	39-2	6.02	6.05	5.75	5.94	2.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	-0.45	0.04	0.10	-0.10		ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	-0.30	-0.27	-0.46	-0.34		ppb
Silicon	28-1	-8.67	-8.69	-8.25	-8.54		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10.41	9.92	9.98	10.11	2.66	ppb
Strontium	86-1	0.04	0.04	0.05	0.05	7.87	ppb
Strontium	88-1	0.05	0.05	0.05	0.05	1.40	ppb
Sulfur	34-1	-371.83	-396.27	-369.03	-379.04		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.00	0.01	0.01	51.54	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.67	ppb
Tin	118-1	0.10	0.09	0.14	0.11	27.64	ppb
Titanium	47-1	0.04	0.03	0.04	0.04	24.88	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-05	Instrumnet Name :	P7
Client Sample ID :	MYE5L7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:38:55	DataFile Name :	204SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	12.36	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	3.19	3.15	3.25	3.20	1.60	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-06	Instrumnet Name :	P7
Client Sample ID :	MYE5L8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:42:13	DataFile Name :	205SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.50	2.47	2.34	2.44	3.61	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	26.17	ppb
Arsenic	75-2	-0.01	0.00	0.00	-0.01		ppb
Barium	135-1	0.09	0.09	0.09	0.09	1.48	ppb
Barium	137-1	0.09	0.09	0.10	0.09	4.70	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.01	0.01	0.00	425.15	ppb
Cadmium	106-1	-1.36	-1.85	-1.71	-1.64		ppb
Cadmium	111-1	-0.01	-0.02	-0.02	-0.02		ppb
Calcium	43-1	55.57	54.41	53.41	54.46	1.98	ppb
Calcium	44-1	47.67	46.69	46.44	46.93	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.31	0.34	0.31	0.32	5.12	ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	13.40	ppb
Copper	63-2	0.05	0.08	0.07	0.07	22.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	4.92	5.12	4.94	5.00	2.13	ppb
Iron	57-2	3.84	3.64	3.61	3.70	3.47	ppb
Iron	54-2	4.55	4.78	4.59	4.64	2.64	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-06	Instrumnet Name :	P7
Client Sample ID :	MYE5L8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:42:13	DataFile Name :	205SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.19	0.18	0.19	2.02	ppb
Lead	207-1	0.19	0.19	0.17	0.18	4.83	ppb
Lead	208-1	0.18	0.19	0.19	0.19	1.56	ppb
Lithium	6-1				94		%
Magnesium	24-2	5.38	5.01	5.11	5.16	3.75	ppb
Manganese	55-2	0.47	0.46	0.50	0.48	4.41	ppb
Molybdenum	94-1	0.01	0.03	0.03	0.02	38.78	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	28.95	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	68.66	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	32.54	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	43.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.28	0.27	0.28	4.84	ppb
Phosphorus	31-2	-18.37	-19.03	-18.56	-18.65		ppb
Potassium	39-2	7.09	9.85	8.23	8.39	16.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	-0.34	-0.07	-0.25	-0.22		ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	-0.01	-0.44	0.38	-0.02		ppb
Silicon	28-1	-7.66	-7.06	-7.92	-7.54		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	16.57	17.30	16.63	16.83	2.44	ppb
Strontium	86-1	0.06	0.06	0.04	0.06	19.50	ppb
Strontium	88-1	0.06	0.06	0.06	0.06	3.34	ppb
Sulfur	34-1	-170.04	-218.74	-232.14	-206.98		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	7.72	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.13	ppb
Tin	118-1	0.14	0.05	0.06	0.08	60.84	ppb
Titanium	47-1	0.07	0.04	0.06	0.06	27.98	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-06	Instrumnet Name :	P7
Client Sample ID :	MYE5L8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:42:13	DataFile Name :	205SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	16.32	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	4.17	4.32	4.12	4.20	2.54	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	38.81	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	22.19	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-07	Instrumnet Name :	P7
Client Sample ID :	MYE5L9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:45:28	DataFile Name :	206SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.51	3.30	3.15	3.32	5.40	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	28.27	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	541.31	ppb
Barium	135-1	0.13	0.14	0.14	0.14	4.19	ppb
Barium	137-1	0.13	0.14	0.11	0.13	10.48	ppb
Beryllium	9-1	-0.01	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.06	0.00	0.03	92.60	ppb
Cadmium	106-1	-1.03	-1.19	-1.09	-1.10		ppb
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Calcium	43-1	46.68	49.66	47.54	47.96	3.20	ppb
Calcium	44-1	38.01	39.22	38.69	38.64	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.77	0.94	0.92	0.87	10.39	ppb
Cobalt	59-2	0.13	0.13	0.12	0.13	4.41	ppb
Copper	63-2	0.21	0.19	0.19	0.20	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	8.91	8.76	11.25	9.64	14.49	ppb
Iron	57-2	8.78	8.06	6.80	7.88	12.71	ppb
Iron	54-2	8.16	7.90	7.80	7.95	2.31	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-07	Instrumnet Name :	P7
Client Sample ID :	MYE5L9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:45:28	DataFile Name :	206SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.20	0.18	0.20	5.23	ppb
Lead	207-1	0.21	0.19	0.20	0.20	6.60	ppb
Lead	208-1	0.20	0.19	0.19	0.19	2.24	ppb
Lithium	6-1				98		%
Magnesium	24-2	5.52	6.02	6.31	5.95	6.78	ppb
Manganese	55-2	2.57	2.50	2.47	2.51	2.03	ppb
Molybdenum	94-1	0.02	0.02	0.02	0.02	21.51	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	9.85	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	6.11	ppb
Molybdenum	97-1	0.03	0.05	0.03	0.04	22.59	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	7.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.81	0.81	0.82	2.91	ppb
Phosphorus	31-2	-17.59	-19.46	-19.20	-18.75		ppb
Potassium	39-2	11.21	11.26	10.32	10.93	4.83	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	-0.32	-0.25	-0.20	-0.25		ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	-0.28	0.14	-0.30	-0.15		ppb
Silicon	28-1	-9.68	-8.91	-8.64	-9.08		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	23.31	23.79	22.39	23.16	3.07	ppb
Strontium	86-1	0.05	0.07	0.03	0.05	36.06	ppb
Strontium	88-1	0.06	0.06	0.06	0.06	5.31	ppb
Sulfur	34-1	-309.60	-236.04	-215.08	-253.57		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.01	0.01	32.56	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.83	ppb
Tin	118-1	0.06	0.05	0.06	0.06	4.26	ppb
Titanium	47-1	0.11	0.10	0.09	0.10	10.53	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-07	Instrumnet Name :	P7
Client Sample ID :	MYE5L9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:45:28	DataFile Name :	206SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	12.10	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	4.15	4.36	4.16	4.23	2.82	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	684.35	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-08	Instrumnet Name :	P7
Client Sample ID :	MYE5M0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:48:46	DataFile Name :	207SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.98	9.39	9.49	9.62	3.28	ppb
Antimony	121-1	0.09	0.09	0.08	0.09	6.56	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00		ppb
Barium	135-1	1.90	1.82	1.81	1.84	2.90	ppb
Barium	137-1	1.84	1.84	1.82	1.83	0.85	ppb
Beryllium	9-1	-0.02	0.00	-0.01	-0.01		ppb
Bismuth	209-1				116		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.05	0.00	0.03	87.76	ppb
Cadmium	106-1	-0.54	-1.03	-1.25	-0.94		ppb
Cadmium	111-1	0.00	-0.01	-0.01	-0.01		ppb
Calcium	43-1	13997.30	13584.38	13751.08	13777.59	1.51	ppb
Calcium	44-1	13101.10	12689.13	12695.12	12828.45	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.50	0.50	0.53	0.51	3.50	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	2.44	ppb
Copper	63-2	0.13	0.12	0.13	0.13	3.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	56-2	3.69	3.60	3.60	3.63	1.42	ppb
Iron	57-2	76.68	76.83	80.18	77.90	2.54	ppb
Iron	54-2	2.12	2.01	2.11	2.08	2.87	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-08	Instrumnet Name :	P7
Client Sample ID :	MYE5M0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:48:46	DataFile Name :	207SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.05	0.05	0.05	3.78	ppb
Lead	207-1	0.05	0.05	0.06	0.05	6.65	ppb
Lead	208-1	0.05	0.05	0.05	0.05	3.83	ppb
Lithium	6-1				104		%
Magnesium	24-2	6316.08	6437.29	6515.42	6422.93	1.56	ppb
Manganese	55-2	0.57	0.52	0.57	0.56	5.09	ppb
Molybdenum	94-1	2.63	2.63	2.55	2.60	1.70	ppb
Molybdenum	95-1	3.19	3.15	3.15	3.16	0.71	ppb
Molybdenum	96-1	3.17	3.05	3.07	3.10	2.10	ppb
Molybdenum	97-1	3.25	3.17	3.16	3.19	1.49	ppb
Molybdenum	98-1	3.25	3.16	3.15	3.19	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.18	0.20	0.19	5.61	ppb
Phosphorus	31-2	-19.85	-21.83	-19.74	-20.47		ppb
Potassium	39-2	923.39	925.88	928.00	925.76	0.25	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	0.05	0.02	-0.22	-0.05		ppb
Selenium	77-2	0.11	0.03	-0.05	0.03	284.19	ppb
Selenium	78-2	-0.59	-0.95	-0.55	-0.70		ppb
Silicon	28-1	442.37	431.71	440.86	438.32	1.32	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	4620.87	4713.99	4676.29	4670.38	1.00	ppb
Strontium	86-1	46.08	45.43	45.94	45.82	0.75	ppb
Strontium	88-1	46.72	45.61	45.73	46.02	1.32	ppb
Sulfur	34-1	2153.75	2007.84	2130.80	2097.46	3.74	ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	16.00	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.57	ppb
Tin	118-1	0.16	0.16	0.20	0.18	11.00	ppb
Titanium	47-1	0.09	0.10	0.10	0.10	4.41	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-08	Instrumnet Name :	P7
Client Sample ID :	MYE5M0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:48:46	DataFile Name :	207SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.87	0.88	0.88	0.62	ppb
Vanadium	51-2	0.62	0.64	0.62	0.63	1.89	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	3.00	2.95	2.90	2.95	1.69	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	4679.86	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-09	Instrumnet Name :	P7
Client Sample ID :	MYE5M1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:51:57	DataFile Name :	208SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.55	1.35	1.38	1.42	7.63	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	11.06	ppb
Arsenic	75-2	-0.01	-0.01	0.00	0.00		ppb
Barium	135-1	0.07	0.09	0.09	0.08	8.94	ppb
Barium	137-1	0.08	0.08	0.07	0.07	4.88	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	0.00	0.00	353.08	ppb
Cadmium	106-1	-1.02	-1.33	-1.47	-1.27		ppb
Cadmium	111-1	-0.01	-0.02	-0.02	-0.01		ppb
Calcium	43-1	40.51	40.62	36.16	39.09	6.50	ppb
Calcium	44-1	27.72	28.68	28.99	28.46	2.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.11	0.13	0.13	12.75	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	14.37	ppb
Copper	63-2	0.08	0.09	0.08	0.08	4.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	3.11	2.97	2.93	3.00	3.13	ppb
Iron	57-2	1.96	2.29	2.06	2.10	7.92	ppb
Iron	54-2	1.56	0.79	1.43	1.26	32.59	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-09	Instrumnet Name :	P7
Client Sample ID :	MYE5M1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:51:57	DataFile Name :	208SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.08	0.08	0.08	1.35	ppb
Lead	207-1	0.08	0.07	0.07	0.07	1.74	ppb
Lead	208-1	0.08	0.08	0.07	0.08	1.34	ppb
Lithium	6-1				101		%
Magnesium	24-2	3.26	3.11	2.89	3.09	6.07	ppb
Manganese	55-2	0.75	0.78	0.78	0.77	2.41	ppb
Molybdenum	94-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	186.27	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	72.84	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	107.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.18	0.19	0.20	8.80	ppb
Phosphorus	31-2	-20.80	-21.52	-22.02	-21.45		ppb
Potassium	39-2	4.40	3.84	3.53	3.92	11.24	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	-0.14	-0.11	-0.29	-0.18		ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	-0.44	-0.44	0.53	-0.12		ppb
Silicon	28-1	-17.79	-17.18	-16.86	-17.28		ppb
Silver	107-1	0.00	0.00	0.00	0.00	62.60	ppb
Silver	109-1	0.00	0.00	0.00	0.00	112.23	ppb
Sodium	23-2	3.76	2.67	3.37	3.27	16.84	ppb
Strontium	86-1	0.02	0.01	0.03	0.02	39.66	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	6.70	ppb
Sulfur	34-1	-304.23	-206.60	-140.55	-217.13		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.01	0.01	31.93	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.14	ppb
Tin	118-1	1.73	1.75	1.71	1.73	1.04	ppb
Titanium	47-1	0.03	0.03	0.01	0.02	55.38	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-09	Instrumnet Name :	P7
Client Sample ID :	MYE5M1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:51:57	DataFile Name :	208SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	21.21	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	3.79	3.92	3.68	3.80	3.06	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-10	Instrumnet Name :	P7
Client Sample ID :	MYE5M2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:55:16	DataFile Name :	209SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.32	2.13	3.06	2.50	19.63	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	17.94	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.28	0.26	0.25	0.26	5.04	ppb
Barium	137-1	0.27	0.26	0.26	0.26	3.05	ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.01	0.00	0.00		ppb
Cadmium	106-1	-0.74	-1.46	-2.01	-1.40		ppb
Cadmium	111-1	-0.01	-0.02	-0.02	-0.01		ppb
Calcium	43-1	83.29	80.31	85.39	83.00	3.07	ppb
Calcium	44-1	73.65	76.05	73.03	74.25	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.31	0.32	0.32	2.74	ppb
Cobalt	59-2	0.03	0.02	0.03	0.03	11.43	ppb
Copper	63-2	0.08	0.10	0.09	0.09	7.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	5.69	5.63	5.64	5.65	0.58	ppb
Iron	57-2	5.39	5.39	4.98	5.25	4.54	ppb
Iron	54-2	5.90	5.03	4.30	5.08	15.84	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-10	Instrumnet Name :	P7
Client Sample ID :	MYE5M2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:55:16	DataFile Name :	209SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.16	0.17	0.15	0.16	5.88	ppb
Lead	207-1	0.16	0.15	0.16	0.15	3.85	ppb
Lead	208-1	0.16	0.15	0.15	0.15	2.44	ppb
Lithium	6-1				96		%
Magnesium	24-2	7.71	7.41	7.41	7.51	2.31	ppb
Manganese	55-2	3.13	3.17	3.07	3.12	1.68	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	359.08	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	34.04	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	69.96	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	72.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.19	0.23	0.20	11.77	ppb
Phosphorus	31-2	-19.29	-19.17	-20.37	-19.61		ppb
Potassium	39-2	8.54	7.73	8.08	8.12	4.99	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	-0.35	-0.50	-0.41	-0.42		ppb
Selenium	77-2	0.12	-0.05	-0.05	0.00	3188.13	ppb
Selenium	78-2	0.50	-0.54	-0.11	-0.05		ppb
Silicon	28-1	-16.16	-15.90	-15.83	-15.96		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	5.09	4.90	5.18	5.06	2.83	ppb
Strontium	86-1	0.05	0.07	0.08	0.06	19.69	ppb
Strontium	88-1	0.08	0.08	0.08	0.08	2.40	ppb
Sulfur	34-1	-147.58	-102.99	-140.03	-130.20		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	31.57	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	7.33	ppb
Tin	118-1	0.18	0.17	0.19	0.18	3.79	ppb
Titanium	47-1	0.05	0.05	0.04	0.05	8.31	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-10	Instrumnet Name :	P7
Client Sample ID :	MYE5M2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:55:16	DataFile Name :	209SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	20.70	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	5.99	5.82	5.75	5.86	2.11	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-14DLX5	Instrumnet Name :	P7
Client Sample ID :	MYE5E4	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 09:58:32	DataFile Name :	210SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7173.15	7291.00	7525.42	7329.86	2.45	ppb
Antimony	121-1	0.51	0.52	0.54	0.52	2.82	ppb
Arsenic	75-2	27.73	27.62	28.29	27.88	1.28	ppb
Barium	135-1	322.60	327.27	329.59	326.49	1.09	ppb
Barium	137-1	324.15	329.31	328.87	327.44	0.87	ppb
Beryllium	9-1	0.40	0.44	0.45	0.43	5.66	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.96	0.88	0.91	0.92	4.40	ppb
Cadmium	106-1	0.18	-0.14	-0.30	-0.09		ppb
Cadmium	111-1	0.84	0.89	0.92	0.88	4.20	ppb
Calcium	43-1	1934.33	2005.39	1995.03	1978.25	1.94	ppb
Calcium	44-1	1823.82	1877.76	1839.69	1847.09	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.56	22.57	22.97	22.70	1.03	ppb
Cobalt	59-2	18.20	18.14	18.27	18.20	0.35	ppb
Copper	63-2	102.68	103.02	103.89	103.20	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	22995.72	23545.09	23787.58	23442.80	1.73	ppb
Iron	57-2	23029.60	23350.13	23684.83	23354.85	1.40	ppb
Iron	54-2	23399.88	23319.12	23730.75	23483.25	0.93	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-14DLX5	Instrumnet Name :	P7
Client Sample ID :	MYE5E4	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 09:58:32	DataFile Name :	210SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.70	32.67	33.13	32.83	0.78	ppb
Lead	207-1	32.78	32.88	33.44	33.03	1.07	ppb
Lead	208-1	32.62	32.68	33.08	32.79	0.77	ppb
Lithium	6-1				93		%
Magnesium	24-2	3434.82	3421.66	3432.41	3429.63	0.20	ppb
Manganese	55-2	5297.01	5344.26	5418.65	5353.31	1.15	ppb
Molybdenum	94-1	5.97	6.16	6.11	6.08	1.67	ppb
Molybdenum	95-1	0.50	0.49	0.49	0.49	1.56	ppb
Molybdenum	96-1	1.17	1.17	1.16	1.16	0.12	ppb
Molybdenum	97-1	0.41	0.44	0.40	0.42	4.36	ppb
Molybdenum	98-1	0.41	0.42	0.43	0.42	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.66	28.11	28.80	28.53	1.29	ppb
Phosphorus	31-2	602.53	632.93	650.46	628.64	3.86	ppb
Potassium	39-2	1736.97	1728.65	1796.78	1754.13	2.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.12	-0.06	0.06	-0.04		ppb
Selenium	77-2	5.09	4.55	3.91	4.52	13.09	ppb
Selenium	78-2	1.21	1.32	0.98	1.17	14.88	ppb
Silicon	28-1	370.05	382.57	380.66	377.76	1.79	ppb
Silver	107-1	0.22	0.22	0.23	0.22	1.49	ppb
Silver	109-1	0.21	0.22	0.22	0.22	2.38	ppb
Sodium	23-2	33.93	34.19	35.22	34.45	1.97	ppb
Strontium	86-1	29.33	29.72	29.95	29.66	1.05	ppb
Strontium	88-1	29.15	29.50	29.72	29.46	0.98	ppb
Sulfur	34-1	-374.56	-340.41	-371.07	-362.02		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.16	0.16	0.16	1.78	ppb
Thallium	205-1	0.15	0.16	0.16	0.16	2.52	ppb
Tin	118-1	0.49	0.50	0.53	0.51	3.30	ppb
Titanium	47-1	240.99	250.19	247.73	246.30	1.94	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-14DLX5	Instrumnet Name :	P7
Client Sample ID :	MYE5E4	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 09:58:32	DataFile Name :	210SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.40	0.39	0.40	0.40	0.80	ppb
Vanadium	51-2	43.56	43.84	44.09	43.83	0.62	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	80.41	79.87	81.63	80.64	1.12	ppb
Zirconium	90-1	3.23	3.29	3.27	3.26	0.94	ppb
Zirconium	91-1	3.24	3.31	3.32	3.29	1.23	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BL	Instrumnet Name :	P7
Client Sample ID :	PBS627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:01:40	DataFile Name :	211CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	-0.07	0.04	-0.01		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.01	-0.02	-0.02	-0.01		ppb
Barium	135-1	0.02	0.01	0.00	0.01	79.32	ppb
Barium	137-1	0.01	0.01	0.00	0.01	75.11	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.00	0.00	-0.01		ppb
Cadmium	106-1	-1.18	-0.87	-1.47	-1.17		ppb
Cadmium	111-1	-0.01	-0.01	-0.02	-0.01		ppb
Calcium	43-1	-4.05	-2.24	-3.49	-3.26		ppb
Calcium	44-1	-13.62	-12.95	-13.35	-13.30		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.04	-0.04	-0.04		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.02	-0.02	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	-0.52	-0.65	-0.74	-0.64		ppb
Iron	57-2	-1.62	-2.47	-1.82	-1.97		ppb
Iron	54-2	-1.95	-2.14	-2.67	-2.26		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BL	Instrumnet Name :	P7
Client Sample ID :	PBS627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:01:40	DataFile Name :	211CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.00	0.00	327.43	ppb
Lead	207-1	0.01	0.01	0.00	0.00	227.72	ppb
Lead	208-1	0.00	0.00	0.00	0.00	291.13	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.51	2.21	1.86	1.86	18.89	ppb
Manganese	55-2	-0.06	-0.07	-0.08	-0.07		ppb
Molybdenum	94-1	-0.02	-0.01	-0.01	-0.02		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-20.94	-19.28	-20.48	-20.24		ppb
Potassium	39-2	1.64	1.82	0.31	1.26	65.37	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	-0.06	-0.23	-0.12	-0.14		ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	-0.27	-0.52	-0.66	-0.48		ppb
Silicon	28-1	-17.09	-16.87	-16.74	-16.90		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	1.48	0.73	0.66	0.96	47.36	ppb
Strontium	86-1	-0.01	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-442.32	-400.55	-391.58	-411.48		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	18.69	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.37	ppb
Tin	118-1	-0.02	-0.03	-0.03	-0.03		ppb
Titanium	47-1	-0.01	-0.02	-0.03	-0.02		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BL	Instrumnet Name :	P7
Client Sample ID :	PBS627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:01:40	DataFile Name :	211CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	5458.51	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	-0.05	-0.05	-0.06	-0.05		ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.01	0.00	0.00		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BS	Instrumnet Name :	P7
Client Sample ID :	LCS627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:04:55	DataFile Name :	212LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.47	44.29	44.29	44.35	0.24	ppb
Antimony	121-1	4.20	4.25	4.21	4.22	0.75	ppb
Arsenic	75-2	2.21	2.33	2.26	2.27	2.79	ppb
Barium	135-1	20.58	20.77	20.62	20.66	0.48	ppb
Barium	137-1	20.62	20.90	20.73	20.75	0.69	ppb
Beryllium	9-1	2.20	2.06	2.13	2.13	3.19	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.20	2.03	1.96	2.06	6.03	ppb
Cadmium	106-1	1.47	1.30	0.89	1.22	24.17	ppb
Cadmium	111-1	2.18	2.23	2.23	2.21	1.49	ppb
Calcium	43-1	944.72	965.16	959.73	956.53	1.11	ppb
Calcium	44-1	996.27	1003.14	1001.87	1000.43	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.61	4.59	4.59	4.59	0.25	ppb
Cobalt	59-2	2.43	2.39	2.34	2.39	1.91	ppb
Copper	63-2	4.88	4.86	4.81	4.85	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	469.71	462.84	456.76	463.10	1.40	ppb
Iron	57-2	491.09	487.47	487.22	488.59	0.44	ppb
Iron	54-2	496.40	496.71	487.31	493.47	1.08	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BS	Instrumnet Name :	P7
Client Sample ID :	LCS627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:04:55	DataFile Name :	212LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.16	2.08	2.17	2.14	2.28	ppb
Lead	207-1	2.17	2.17	2.21	2.18	1.01	ppb
Lead	208-1	2.14	2.16	2.20	2.17	1.23	ppb
Lithium	6-1				98		%
Magnesium	24-2	1236.34	1227.00	1207.07	1223.47	1.22	ppb
Manganese	55-2	2.21	2.17	2.08	2.15	2.98	ppb
Molybdenum	94-1	12.76	12.52	12.53	12.60	1.07	ppb
Molybdenum	95-1	10.50	10.50	10.44	10.48	0.32	ppb
Molybdenum	96-1	10.76	10.66	10.57	10.66	0.91	ppb
Molybdenum	97-1	10.67	10.55	10.67	10.63	0.63	ppb
Molybdenum	98-1	10.62	10.67	10.56	10.62	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.36	2.30	2.34	2.33	1.31	ppb
Phosphorus	31-2	-17.94	-17.85	-19.38	-18.39		ppb
Potassium	39-2	1073.47	1067.11	1059.21	1066.60	0.67	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	11.58	11.03	11.50	11.37	2.61	ppb
Selenium	77-2	12.67	11.33	10.47	11.49	9.63	ppb
Selenium	78-2	11.12	10.14	10.55	10.60	4.63	ppb
Silicon	28-1	-4.68	-4.12	-4.05	-4.28		ppb
Silver	107-1	2.08	2.09	2.10	2.09	0.51	ppb
Silver	109-1	2.05	2.09	2.09	2.08	1.09	ppb
Sodium	23-2	1151.83	1147.55	1121.39	1140.26	1.45	ppb
Strontium	86-1	2.10	2.15	2.17	2.14	1.70	ppb
Strontium	88-1	2.17	2.17	2.15	2.16	0.49	ppb
Sulfur	34-1	-227.90	-149.47	-94.69	-157.35		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	2.14	2.08	2.10	2.10	1.52	ppb
Thallium	205-1	2.12	2.08	2.11	2.10	1.04	ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	10.57	10.84	10.57	10.66	1.46	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BS	Instrumnet Name :	P7
Client Sample ID :	LCS627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:04:55	DataFile Name :	212LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.01	2.03	2.04	2.03	0.75	ppb
Vanadium	51-2	11.31	11.22	11.01	11.18	1.39	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	12.67	12.39	12.10	12.39	2.29	ppb
Zirconium	90-1	2.16	2.16	2.13	2.15	0.86	ppb
Zirconium	91-1	2.15	2.18	2.11	2.15	1.59	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:08:10	DataFile Name :	213LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.27	22.42	22.08	21.92	2.71	ppb
Antimony	121-1	2.02	2.32	1.97	2.10	8.86	ppb
Arsenic	75-2	1.15	1.14	1.06	1.12	4.22	ppb
Barium	135-1	9.79	11.32	9.65	10.25	9.01	ppb
Barium	137-1	9.92	11.41	9.62	10.32	9.31	ppb
Beryllium	9-1	0.96	1.13	1.01	1.03	8.67	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	1.16	0.90	1.02	12.89	ppb
Cadmium	106-1	0.41	0.42	-0.70	0.04	1565.88	ppb
Cadmium	111-1	1.07	1.20	1.06	1.11	7.08	ppb
Calcium	43-1	453.59	540.17	434.48	476.08	11.83	ppb
Calcium	44-1	472.84	551.25	450.15	491.42	10.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.24	2.22	2.22	2.23	0.60	ppb
Cobalt	59-2	1.15	1.13	1.13	1.14	1.23	ppb
Copper	63-2	2.31	2.34	2.34	2.33	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	223.44	229.39	224.57	225.80	1.40	ppb
Iron	57-2	234.86	239.71	235.35	236.64	1.13	ppb
Iron	54-2	236.99	238.03	235.68	236.90	0.50	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:08:10	DataFile Name :	213LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.04	1.16	1.00	1.06	7.95	ppb
Lead	207-1	1.02	1.15	0.97	1.05	8.99	ppb
Lead	208-1	1.03	1.17	0.99	1.06	8.55	ppb
Lithium	6-1				96		%
Magnesium	24-2	594.49	594.17	594.82	594.49	0.05	ppb
Manganese	55-2	0.92	1.00	0.94	0.95	4.22	ppb
Molybdenum	94-1	6.05	6.80	5.67	6.18	9.33	ppb
Molybdenum	95-1	5.06	5.76	4.83	5.22	9.25	ppb
Molybdenum	96-1	5.20	5.83	4.81	5.28	9.83	ppb
Molybdenum	97-1	5.10	5.78	4.83	5.24	9.36	ppb
Molybdenum	98-1	5.07	5.90	4.84	5.27	10.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.09	1.13	1.10	2.35	ppb
Phosphorus	31-2	-20.94	-19.29	-18.40	-19.54		ppb
Potassium	39-2	553.53	560.00	551.09	554.88	0.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	5.47	6.42	5.01	5.63	12.78	ppb
Selenium	77-2	6.30	5.60	5.72	5.88	6.36	ppb
Selenium	78-2	5.58	5.98	5.62	5.73	3.83	ppb
Silicon	28-1	-8.19	-3.32	-9.31	-6.94		ppb
Silver	107-1	1.00	1.14	0.98	1.04	8.25	ppb
Silver	109-1	1.01	1.15	0.98	1.05	8.43	ppb
Sodium	23-2	536.06	543.86	537.60	539.17	0.77	ppb
Strontium	86-1	1.04	1.17	0.93	1.05	11.46	ppb
Strontium	88-1	1.04	1.18	0.98	1.07	9.58	ppb
Sulfur	34-1	-183.49	303.86	-281.08	-53.57		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	1.03	1.18	0.97	1.06	10.32	ppb
Thallium	205-1	1.01	1.14	0.98	1.05	8.31	ppb
Tin	118-1	-0.02	0.00	-0.03	-0.02		ppb
Titanium	47-1	5.16	6.02	5.05	5.41	9.78	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:08:10	DataFile Name :	213LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	1.11	0.91	1.00	10.37	ppb
Vanadium	51-2	5.43	5.49	5.43	5.45	0.59	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	6.00	6.15	5.92	6.02	1.97	ppb
Zirconium	90-1	1.04	1.18	0.97	1.06	9.79	ppb
Zirconium	91-1	1.00	1.22	0.97	1.07	12.86	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-01	Instrumnet Name :	P7
Client Sample ID :	MYE5F3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:11:23	DataFile Name :	214SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47290.56	48216.31	45467.29	46991.39	2.98	ppb
Antimony	121-1	1.54	1.58	1.58	1.57	1.41	ppb
Arsenic	75-2	159.83	161.10	162.65	161.19	0.88	ppb
Barium	135-1	506.01	500.05	494.56	500.21	1.14	ppb
Barium	137-1	492.53	499.82	493.62	495.32	0.79	ppb
Beryllium	9-1	1.63	1.71	1.78	1.71	4.38	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.25	2.34	2.26	2.28	2.14	ppb
Cadmium	106-1	2.14	1.69	1.72	1.85	13.47	ppb
Cadmium	111-1	1.91	1.94	1.91	1.92	0.89	ppb
Calcium	43-1	13015.04	13043.93	12700.55	12919.84	1.47	ppb
Calcium	44-1	12007.88	11973.05	11833.17	11938.03	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	184.07	184.87	181.56	183.50	0.94	ppb
Cobalt	59-2	72.02	71.83	70.75	71.53	0.96	ppb
Copper	63-2	294.10	291.56	288.86	291.50	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	114479.24	114766.05	112172.09	113805.79	1.25	ppb
Iron	57-2	116129.98	113897.56	113907.92	114645.15	1.12	ppb
Iron	54-2	114659.94	115427.00	113165.21	114417.38	1.01	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-01	Instrumnet Name :	P7
Client Sample ID :	MYE5F3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:11:23	DataFile Name :	214SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.72	74.81	74.34	74.29	0.74	ppb
Lead	207-1	73.99	74.95	73.91	74.28	0.78	ppb
Lead	208-1	72.89	73.46	72.71	73.02	0.53	ppb
Lithium	6-1				90		%
Magnesium	24-2	28516.95	28850.56	27722.84	28363.45	2.04	ppb
Manganese	55-2	3367.20	3366.23	3334.61	3356.01	0.55	ppb
Molybdenum	94-1	16.57	16.82	16.49	16.63	1.04	ppb
Molybdenum	95-1	1.05	1.10	1.02	1.06	3.82	ppb
Molybdenum	96-1	3.34	3.40	3.32	3.35	1.24	ppb
Molybdenum	97-1	1.10	1.08	1.03	1.07	3.76	ppb
Molybdenum	98-1	1.03	1.06	1.02	1.04	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.81	126.98	124.94	126.24	0.90	ppb
Phosphorus	31-2	2421.41	2370.02	2372.49	2387.97	1.21	ppb
Potassium	39-2	8911.16	8979.78	8725.33	8872.09	1.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.69	0.65	0.51	0.61	15.28	ppb
Selenium	77-2	16.34	15.15	17.28	16.26	6.56	ppb
Selenium	78-2	2.74	4.11	3.27	3.38	20.50	ppb
Silicon	28-1	1778.47	1772.57	1720.23	1757.09	1.82	ppb
Silver	107-1	0.47	0.46	0.44	0.46	3.48	ppb
Silver	109-1	0.47	0.45	0.43	0.45	3.43	ppb
Sodium	23-2	719.25	735.15	686.87	713.76	3.45	ppb
Strontium	86-1	82.57	83.30	82.14	82.67	0.71	ppb
Strontium	88-1	82.46	83.13	81.98	82.53	0.70	ppb
Sulfur	34-1	-208.89	-338.38	-495.60	-347.62		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.44	0.44	0.40	0.42	5.54	ppb
Thallium	205-1	0.43	0.42	0.40	0.42	4.07	ppb
Tin	118-1	2.34	2.38	2.29	2.34	1.88	ppb
Titanium	47-1	1027.55	1013.20	995.61	1012.12	1.58	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-01	Instrumnet Name :	P7
Client Sample ID :	MYE5F3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:11:23	DataFile Name :	214SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.11	1.10	1.10	0.78	ppb
Vanadium	51-2	229.73	229.55	227.73	229.00	0.48	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	293.69	292.57	288.57	291.61	0.92	ppb
Zirconium	90-1	8.83	8.95	8.82	8.87	0.79	ppb
Zirconium	91-1	8.91	9.08	8.86	8.95	1.29	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-02	Instrumnet Name :	P7
Client Sample ID :	MYE5F4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:14:25	DataFile Name :	215SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42737.92	44339.31	42814.53	43297.26	2.09	ppb
Antimony	121-1	2.79	2.91	2.83	2.85	2.17	ppb
Arsenic	75-2	182.65	186.21	184.07	184.31	0.97	ppb
Barium	135-1	509.32	522.52	513.88	515.24	1.30	ppb
Barium	137-1	509.40	522.19	508.26	513.28	1.51	ppb
Beryllium	9-1	1.83	1.93	2.00	1.92	4.31	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.01	2.95	2.98	2.98	0.95	ppb
Cadmium	106-1	1.93	2.18	1.96	2.02	6.92	ppb
Cadmium	111-1	2.67	2.73	2.71	2.70	1.08	ppb
Calcium	43-1	8271.55	8270.09	8303.25	8281.63	0.23	ppb
Calcium	44-1	7721.07	7783.87	7708.62	7737.85	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.52	111.04	109.16	109.57	1.20	ppb
Cobalt	59-2	63.39	64.61	64.00	64.00	0.95	ppb
Copper	63-2	351.83	359.39	353.76	354.99	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	128813.48	129750.64	129752.00	129438.71	0.42	ppb
Iron	57-2	127964.15	130336.63	129586.02	129295.60	0.94	ppb
Iron	54-2	129750.55	131102.53	131139.88	130664.32	0.61	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-02	Instrumnet Name :	P7
Client Sample ID :	MYE5F4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:14:25	DataFile Name :	215SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	105.96	106.66	104.66	105.76	0.96	ppb
Lead	207-1	106.69	109.55	106.48	107.58	1.59	ppb
Lead	208-1	104.96	107.28	105.17	105.80	1.22	ppb
Lithium	6-1				82		%
Magnesium	24-2	19389.54	19904.39	19553.34	19615.75	1.34	ppb
Manganese	55-2	3480.08	3546.90	3557.42	3528.13	1.19	ppb
Molybdenum	94-1	17.96	18.25	17.91	18.04	1.04	ppb
Molybdenum	95-1	1.95	2.01	1.90	1.95	2.75	ppb
Molybdenum	96-1	4.37	4.41	4.32	4.37	0.97	ppb
Molybdenum	97-1	1.95	1.98	1.92	1.95	1.38	ppb
Molybdenum	98-1	1.92	1.96	1.93	1.94	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.37	100.71	99.71	99.60	1.18	ppb
Phosphorus	31-2	1451.51	1482.00	1439.57	1457.69	1.50	ppb
Potassium	39-2	5792.89	5811.28	5803.38	5802.52	0.16	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	0.56	0.69	0.68	0.64	11.07	ppb
Selenium	77-2	18.55	15.70	18.75	17.66	9.66	ppb
Selenium	78-2	4.54	4.48	3.56	4.19	13.09	ppb
Silicon	28-1	1512.73	1488.75	1507.95	1503.14	0.84	ppb
Silver	107-1	0.62	0.63	0.62	0.62	0.60	ppb
Silver	109-1	0.63	0.64	0.62	0.63	2.12	ppb
Sodium	23-2	442.25	458.22	446.51	448.99	1.84	ppb
Strontium	86-1	60.23	61.08	59.79	60.37	1.09	ppb
Strontium	88-1	60.50	61.31	59.47	60.43	1.53	ppb
Sulfur	34-1	-911.88	-1002.18	-996.29	-970.12		ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	0.52	0.50	0.51	0.51	2.32	ppb
Thallium	205-1	0.50	0.50	0.50	0.50	0.51	ppb
Tin	118-1	2.67	2.78	2.72	2.73	1.94	ppb
Titanium	47-1	1012.45	1047.78	1019.32	1026.52	1.82	ppb

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-02	Instrumnet Name :	P7
Client Sample ID :	MYE5F4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:14:25	DataFile Name :	215SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.55	1.58	1.54	1.55	1.34	ppb
Vanadium	51-2	237.36	236.80	234.70	236.29	0.59	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	318.37	327.76	322.15	322.76	1.46	ppb
Zirconium	90-1	9.17	9.41	9.08	9.22	1.83	ppb
Zirconium	91-1	9.30	9.48	9.23	9.34	1.40	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03	Instrumnet Name :	P7
Client Sample ID :	MYE5F5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:17:27	DataFile Name :	216SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37366.08	36845.82	37314.45	37175.45	0.77	ppb
Antimony	121-1	1.13	1.14	1.13	1.13	0.56	ppb
Arsenic	75-2	108.68	111.16	109.68	109.84	1.14	ppb
Barium	135-1	585.98	591.02	581.90	586.30	0.78	ppb
Barium	137-1	582.39	589.18	574.29	581.95	1.28	ppb
Beryllium	9-1	1.69	1.67	1.73	1.70	1.78	ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.09	2.38	2.16	2.21	6.89	ppb
Cadmium	106-1	0.73	0.22	-0.13	0.27	157.15	ppb
Cadmium	111-1	1.88	1.96	1.96	1.93	2.43	ppb
Calcium	43-1	9165.74	9297.88	9370.40	9278.01	1.12	ppb
Calcium	44-1	8357.97	8630.37	8732.77	8573.70	2.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.73	97.77	98.66	98.39	0.54	ppb
Cobalt	59-2	52.37	51.87	51.90	52.05	0.53	ppb
Copper	63-2	217.21	213.73	212.17	214.37	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	88867.71	89247.36	89584.86	89233.31	0.40	ppb
Iron	57-2	90355.01	89136.11	90684.95	90058.69	0.91	ppb
Iron	54-2	90246.56	90900.88	90848.18	90665.21	0.40	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03	Instrumnet Name :	P7
Client Sample ID :	MYE5F5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:17:27	DataFile Name :	216SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	83.93	83.46	84.95	84.11	0.90	ppb
Lead	207-1	84.40	83.71	83.91	84.01	0.42	ppb
Lead	208-1	83.34	82.93	83.43	83.23	0.32	ppb
Lithium	6-1				80		%
Magnesium	24-2	17563.01	17269.89	17330.10	17387.67	0.89	ppb
Manganese	55-2	4219.88	4228.69	4225.37	4224.65	0.11	ppb
Molybdenum	94-1	17.45	17.76	17.87	17.69	1.22	ppb
Molybdenum	95-1	1.00	1.01	1.01	1.01	0.94	ppb
Molybdenum	96-1	3.25	3.25	3.29	3.26	0.77	ppb
Molybdenum	97-1	0.93	0.95	0.96	0.95	1.46	ppb
Molybdenum	98-1	0.92	0.93	0.95	0.93	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.77	88.25	88.44	88.49	0.29	ppb
Phosphorus	31-2	1757.54	1778.92	1766.19	1767.55	0.61	ppb
Potassium	39-2	7350.33	7446.97	7351.70	7383.00	0.75	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	0.34	0.35	0.16	0.28	36.20	ppb
Selenium	77-2	15.78	16.38	15.50	15.89	2.82	ppb
Selenium	78-2	2.85	3.31	2.94	3.04	8.08	ppb
Silicon	28-1	2134.83	2122.13	2129.37	2128.78	0.30	ppb
Silver	107-1	0.43	0.44	0.44	0.43	1.17	ppb
Silver	109-1	0.43	0.44	0.43	0.43	1.10	ppb
Sodium	23-2	145.56	145.42	146.87	145.95	0.55	ppb
Strontium	86-1	66.20	67.33	68.14	67.23	1.45	ppb
Strontium	88-1	67.52	67.48	67.30	67.43	0.18	ppb
Sulfur	34-1	-902.52	-954.87	-933.16	-930.18		ppb
Terbium	159-1				115		%
Terbium	159-2				102		%
Thallium	203-1	0.41	0.43	0.42	0.42	1.78	ppb
Thallium	205-1	0.41	0.41	0.42	0.42	1.40	ppb
Tin	118-1	2.03	2.04	2.04	2.04	0.45	ppb
Titanium	47-1	766.63	780.85	790.74	779.41	1.56	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03	Instrumnet Name :	P7
Client Sample ID :	MYE5F5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:17:27	DataFile Name :	216SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.04	1.05	1.04	0.58	ppb
Vanadium	51-2	177.56	178.68	177.93	178.06	0.32	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	260.04	259.09	258.73	259.29	0.26	ppb
Zirconium	90-1	9.34	9.46	9.54	9.45	1.05	ppb
Zirconium	91-1	9.50	9.50	9.77	9.59	1.61	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-04	Instrumnet Name :	P7
Client Sample ID :	MYE5F5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:20:29	DataFile Name :	217SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37552.69	38929.32	38932.82	38471.61	2.07	ppb
Antimony	121-1	1.01	1.09	1.08	1.06	4.32	ppb
Arsenic	75-2	108.38	106.00	107.08	107.15	1.11	ppb
Barium	135-1	572.50	610.30	596.71	593.17	3.23	ppb
Barium	137-1	573.19	606.20	598.73	592.71	2.92	ppb
Beryllium	9-1	1.53	1.72	1.67	1.64	6.11	ppb
Bismuth	209-1				118		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.16	2.09	2.14	2.13	1.76	ppb
Cadmium	106-1	0.61	0.06	-0.38	0.10	506.29	ppb
Cadmium	111-1	1.84	1.91	1.95	1.90	2.98	ppb
Calcium	43-1	8588.82	8972.79	9247.75	8936.45	3.70	ppb
Calcium	44-1	8062.71	8453.75	8581.48	8365.98	3.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.21	99.77	100.80	99.59	1.31	ppb
Cobalt	59-2	52.30	53.37	54.07	53.25	1.68	ppb
Copper	63-2	216.34	215.37	224.66	218.79	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	56-2	88659.98	90105.09	91882.37	90215.82	1.79	ppb
Iron	57-2	86275.71	89697.79	91244.19	89072.56	2.85	ppb
Iron	54-2	89760.67	91393.88	91010.83	90721.79	0.94	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-04	Instrumnet Name :	P7
Client Sample ID :	MYE5F5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:20:29	DataFile Name :	217SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	80.32	84.38	85.45	83.38	3.24	ppb
Lead	207-1	81.15	84.36	85.14	83.55	2.53	ppb
Lead	208-1	80.06	83.03	84.11	82.40	2.55	ppb
Lithium	6-1				83		%
Magnesium	24-2	17411.07	18036.37	18071.88	17839.77	2.08	ppb
Manganese	55-2	4465.44	4550.49	4553.10	4523.01	1.10	ppb
Molybdenum	94-1	16.56	17.64	17.99	17.40	4.30	ppb
Molybdenum	95-1	0.89	0.94	0.99	0.94	5.00	ppb
Molybdenum	96-1	3.00	3.16	3.28	3.15	4.47	ppb
Molybdenum	97-1	0.86	0.93	0.92	0.90	4.46	ppb
Molybdenum	98-1	0.84	0.88	0.90	0.88	3.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.12	90.06	92.61	90.93	1.60	ppb
Phosphorus	31-2	1781.71	1801.73	1766.67	1783.37	0.99	ppb
Potassium	39-2	7326.31	7440.20	7491.24	7419.25	1.14	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.01	0.07	0.16	0.08	96.47	ppb
Selenium	77-2	15.97	14.40	15.84	15.40	5.64	ppb
Selenium	78-2	3.14	3.12	2.37	2.88	15.15	ppb
Silicon	28-1	2035.66	2080.37	2120.73	2078.92	2.05	ppb
Silver	107-1	0.42	0.43	0.44	0.43	2.46	ppb
Silver	109-1	0.41	0.43	0.42	0.42	2.32	ppb
Sodium	23-2	149.60	154.10	155.20	152.97	1.94	ppb
Strontium	86-1	62.59	65.68	67.63	65.30	3.90	ppb
Strontium	88-1	62.65	65.09	67.76	65.17	3.92	ppb
Sulfur	34-1	-1136.84	-1135.30	-1082.13	-1118.09		ppb
Terbium	159-1				118		%
Terbium	159-2				104		%
Thallium	203-1	0.41	0.41	0.43	0.42	2.48	ppb
Thallium	205-1	0.40	0.41	0.43	0.41	3.08	ppb
Tin	118-1	1.89	2.00	2.02	1.97	3.59	ppb
Titanium	47-1	722.10	734.01	756.30	737.47	2.35	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-04	Instrumnet Name :	P7
Client Sample ID :	MYE5F5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:20:29	DataFile Name :	217SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.99	1.00	0.98	2.71	ppb
Vanadium	51-2	170.66	176.83	177.50	175.00	2.15	ppb
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	260.25	264.92	271.97	265.71	2.22	ppb
Zirconium	90-1	8.92	9.34	9.70	9.32	4.19	ppb
Zirconium	91-1	8.93	9.58	9.81	9.44	4.87	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5F5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 10:23:31	DataFile Name :	218SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7876.54	7731.93	7896.45	7834.97	1.15	ppb
Antimony	121-1	0.23	0.24	0.24	0.23	2.33	ppb
Arsenic	75-2	23.05	23.30	23.15	23.17	0.53	ppb
Barium	135-1	117.26	116.51	118.39	117.38	0.80	ppb
Barium	137-1	117.10	118.21	120.29	118.53	1.37	ppb
Beryllium	9-1	0.30	0.33	0.31	0.31	4.58	ppb
Bismuth	209-1				117		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.43	0.35	0.40	0.39	10.07	ppb
Cadmium	106-1	-2.17	-2.09	-2.48	-2.24		ppb
Cadmium	111-1	0.37	0.37	0.39	0.38	1.97	ppb
Calcium	43-1	1873.21	1895.65	1904.52	1891.13	0.85	ppb
Calcium	44-1	1747.62	1760.08	1748.65	1752.12	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.43	20.04	20.62	20.36	1.44	ppb
Cobalt	59-2	11.04	10.94	11.11	11.03	0.76	ppb
Copper	63-2	45.97	45.49	46.35	45.93	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	18673.74	18473.09	18807.76	18651.53	0.90	ppb
Iron	57-2	18715.89	18422.39	19258.66	18798.98	2.26	ppb
Iron	54-2	18883.47	18614.55	19295.96	18931.33	1.81	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5F5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 10:23:31	DataFile Name :	218SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.67	16.51	16.59	16.59	0.48	ppb
Lead	207-1	16.38	16.55	16.57	16.50	0.65	ppb
Lead	208-1	16.40	16.47	16.50	16.45	0.32	ppb
Lithium	6-1				84		%
Magnesium	24-2	3662.31	3571.90	3632.46	3622.22	1.27	ppb
Manganese	55-2	871.25	865.68	888.84	875.25	1.38	ppb
Molybdenum	94-1	3.60	3.61	3.53	3.58	1.26	ppb
Molybdenum	95-1	0.21	0.21	0.21	0.21	1.95	ppb
Molybdenum	96-1	0.64	0.68	0.69	0.67	4.15	ppb
Molybdenum	97-1	0.19	0.20	0.20	0.20	3.94	ppb
Molybdenum	98-1	0.19	0.19	0.18	0.18	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.84	18.52	19.21	18.86	1.85	ppb
Phosphorus	31-2	349.29	337.27	360.07	348.88	3.27	ppb
Potassium	39-2	1517.32	1505.40	1536.53	1519.75	1.03	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.17	-0.29	-0.17	-0.10		ppb
Selenium	77-2	2.71	3.78	3.31	3.27	16.37	ppb
Selenium	78-2	0.42	0.04	0.88	0.45	94.63	ppb
Silicon	28-1	420.43	427.55	428.35	425.45	1.02	ppb
Silver	107-1	0.09	0.09	0.09	0.09	3.70	ppb
Silver	109-1	0.08	0.09	0.09	0.09	4.62	ppb
Sodium	23-2	40.74	40.58	41.12	40.81	0.69	ppb
Strontium	86-1	13.78	13.64	13.85	13.76	0.78	ppb
Strontium	88-1	13.76	13.98	14.03	13.92	1.03	ppb
Sulfur	34-1	-1477.90	-1462.05	-1462.10	-1467.35		ppb
Terbium	159-1				115		%
Terbium	159-2				105		%
Thallium	203-1	0.08	0.08	0.08	0.08	1.62	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	4.29	ppb
Tin	118-1	0.41	0.39	0.41	0.41	2.72	ppb
Titanium	47-1	158.15	159.37	159.61	159.04	0.49	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5F5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 10:23:31	DataFile Name :	218SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.20	0.20	0.20	0.57	ppb
Vanadium	51-2	36.64	36.05	36.92	36.54	1.21	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	56.71	55.30	57.46	56.49	1.95	ppb
Zirconium	90-1	1.87	1.89	1.90	1.89	0.77	ppb
Zirconium	91-1	1.91	1.90	1.97	1.92	1.99	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-05	Instrumnet Name :	P7
Client Sample ID :	MYE5F5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:26:45	DataFile Name :	219SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36955.35	37706.23	37828.16	37496.58	1.26	ppb
Antimony	121-1	56.42	55.37	55.80	55.86	0.95	ppb
Arsenic	75-2	128.35	127.69	129.42	128.48	0.68	ppb
Barium	135-1	1668.38	1646.36	1643.74	1652.83	0.82	ppb
Barium	137-1	1657.73	1627.90	1654.53	1646.72	0.99	ppb
Beryllium	9-1	29.25	29.09	28.99	29.11	0.45	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.95	25.90	25.99	26.62	4.36	ppb
Cadmium	106-1	24.85	24.34	24.81	24.67	1.15	ppb
Cadmium	111-1	29.62	28.44	29.05	29.04	2.04	ppb
Calcium	43-1	8863.94	8878.02	8881.99	8874.65	0.11	ppb
Calcium	44-1	8433.63	8310.64	8391.78	8378.68	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	206.86	210.95	211.19	209.67	1.16	ppb
Cobalt	59-2	336.78	344.37	341.26	340.81	1.12	ppb
Copper	63-2	347.18	350.94	353.18	350.43	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	88704.79	89608.04	87942.86	88751.90	0.94	ppb
Iron	57-2	87142.67	89341.23	89396.72	88626.87	1.45	ppb
Iron	54-2	89177.64	89706.11	89914.74	89599.50	0.42	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-05	Instrumnet Name :	P7
Client Sample ID :	MYE5F5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:26:45	DataFile Name :	219SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	93.08	92.22	91.77	92.36	0.72	ppb
Lead	207-1	93.34	91.22	91.80	92.12	1.19	ppb
Lead	208-1	91.62	90.35	90.16	90.71	0.87	ppb
Lithium	6-1				80		%
Magnesium	24-2	16870.72	17101.82	17107.93	17026.82	0.79	ppb
Manganese	55-2	4430.84	4496.49	4436.37	4454.57	0.82	ppb
Molybdenum	94-1	17.19	17.14	16.81	17.04	1.21	ppb
Molybdenum	95-1	0.96	0.97	0.97	0.97	0.51	ppb
Molybdenum	96-1	3.14	3.19	3.14	3.16	0.95	ppb
Molybdenum	97-1	0.90	0.89	0.92	0.91	1.34	ppb
Molybdenum	98-1	0.91	0.92	0.91	0.91	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	374.81	386.49	379.00	380.10	1.56	ppb
Phosphorus	31-2	1693.88	1708.91	1712.16	1704.98	0.57	ppb
Potassium	39-2	7031.88	7060.40	7130.68	7074.32	0.72	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	72.10	72.19	71.67	71.99	0.38	ppb
Selenium	77-2	81.57	81.51	83.50	82.19	1.38	ppb
Selenium	78-2	72.71	72.51	74.91	73.38	1.81	ppb
Silicon	28-1	2071.72	2060.42	2015.51	2049.22	1.45	ppb
Silver	107-1	23.60	22.93	23.19	23.24	1.46	ppb
Silver	109-1	23.46	22.93	23.34	23.24	1.18	ppb
Sodium	23-2	138.36	142.72	141.31	140.80	1.58	ppb
Strontium	86-1	64.80	65.78	64.66	65.08	0.94	ppb
Strontium	88-1	65.02	63.96	63.78	64.25	1.04	ppb
Sulfur	34-1	-1088.58	-1120.99	-1096.65	-1102.07		ppb
Terbium	159-1				115		%
Terbium	159-2				105		%
Thallium	203-1	28.90	28.17	28.72	28.60	1.32	ppb
Thallium	205-1	28.45	27.94	27.73	28.04	1.32	ppb
Tin	118-1	2.01	1.96	1.99	1.99	1.07	ppb
Titanium	47-1	758.76	733.02	744.46	745.41	1.73	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-05	Instrumnet Name :	P7
Client Sample ID :	MYE5F5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:26:45	DataFile Name :	219SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	0.97	0.98	0.99	1.48	ppb
Vanadium	51-2	445.11	457.41	453.70	452.07	1.39	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	545.97	547.51	547.38	546.95	0.16	ppb
Zirconium	90-1	9.15	9.18	9.05	9.13	0.78	ppb
Zirconium	91-1	9.26	9.37	9.21	9.28	0.89	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03MS	Instrumnet Name :	P7
Client Sample ID :	MYE5F5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:29:44	DataFile Name :	220SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41085.57	40417.29	39735.29	40412.72	1.67	ppb
Antimony	121-1	258.47	268.40	265.19	264.02	1.92	ppb
Arsenic	75-2	212.05	212.02	212.32	212.13	0.08	ppb
Barium	135-1	5689.48	5864.94	5807.97	5787.46	1.55	ppb
Barium	137-1	5670.80	5889.91	5831.92	5797.54	1.96	ppb
Beryllium	9-1	137.59	141.81	140.08	139.83	1.52	ppb
Bismuth	209-1				119		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	119.33	124.14	123.48	122.32	2.13	ppb
Cadmium	106-1	116.60	120.08	119.45	118.71	1.56	ppb
Cadmium	111-1	130.96	135.68	134.66	133.77	1.86	ppb
Calcium	43-1	8586.95	8721.52	8847.36	8718.61	1.49	ppb
Calcium	44-1	8355.09	8607.12	8693.50	8551.90	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	654.26	646.79	646.28	649.11	0.69	ppb
Cobalt	59-2	1482.73	1477.91	1441.57	1467.40	1.53	ppb
Copper	63-2	901.57	893.96	881.73	892.42	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	56-2	89105.82	90649.09	88300.89	89351.93	1.34	ppb
Iron	57-2	89536.75	89278.32	87677.58	88830.88	1.13	ppb
Iron	54-2	90674.29	91023.82	88015.92	89904.68	1.83	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03MS	Instrumnet Name :	P7
Client Sample ID :	MYE5F5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:29:44	DataFile Name :	220SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	127.99	134.67	133.68	132.11	2.73	ppb
Lead	207-1	128.25	134.08	133.17	131.83	2.38	ppb
Lead	208-1	127.61	133.38	132.28	131.09	2.34	ppb
Lithium	6-1				79		%
Magnesium	24-2	16848.35	16726.38	16354.48	16643.07	1.55	ppb
Manganese	55-2	5422.47	5452.91	5371.31	5415.56	0.76	ppb
Molybdenum	94-1	16.61	17.21	17.24	17.02	2.09	ppb
Molybdenum	95-1	0.93	0.99	1.01	0.98	3.97	ppb
Molybdenum	96-1	3.11	3.23	3.22	3.19	2.01	ppb
Molybdenum	97-1	0.89	0.94	0.90	0.91	2.97	ppb
Molybdenum	98-1	0.90	0.96	0.93	0.93	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1528.60	1524.77	1469.69	1507.68	2.19	ppb
Phosphorus	31-2	1671.62	1672.74	1625.25	1656.54	1.64	ppb
Potassium	39-2	6912.68	7049.84	6943.00	6968.50	1.03	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	298.15	309.65	306.93	304.91	1.97	ppb
Selenium	77-2	311.40	319.39	317.15	315.98	1.30	ppb
Selenium	78-2	301.03	299.37	300.71	300.37	0.29	ppb
Silicon	28-1	1978.51	2050.74	2042.30	2023.85	1.95	ppb
Silver	107-1	108.02	111.38	110.76	110.05	1.62	ppb
Silver	109-1	108.12	111.76	111.28	110.39	1.79	ppb
Sodium	23-2	138.81	141.07	138.85	139.58	0.93	ppb
Strontium	86-1	62.50	64.64	64.75	63.96	1.98	ppb
Strontium	88-1	62.50	64.55	64.78	63.95	1.96	ppb
Sulfur	34-1	-1199.33	-1123.56	-1126.15	-1149.68		ppb
Terbium	159-1				118		%
Terbium	159-2				104		%
Thallium	203-1	127.67	133.69	135.76	132.38	3.17	ppb
Thallium	205-1	127.89	134.67	133.20	131.92	2.70	ppb
Tin	118-1	1.88	1.94	1.96	1.93	2.18	ppb
Titanium	47-1	709.21	738.73	749.87	732.60	2.87	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03MS	Instrumnet Name :	P7
Client Sample ID :	MYE5F5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:29:44	DataFile Name :	220SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.97	0.97	0.96	2.76	ppb
Vanadium	51-2	1534.33	1540.68	1494.28	1523.10	1.65	ppb
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	1691.82	1683.25	1636.69	1670.59	1.78	ppb
Zirconium	90-1	8.79	9.40	9.26	9.15	3.48	ppb
Zirconium	91-1	8.97	9.29	9.39	9.22	2.39	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-06	Instrumnet Name :	P7
Client Sample ID :	MYE5F6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:32:36	DataFile Name :	221SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	74190.53	74731.47	72841.28	73921.09	1.32	ppb
Antimony	121-1	1.23	1.27	1.29	1.26	2.75	ppb
Arsenic	75-2	203.33	203.93	200.43	202.56	0.92	ppb
Barium	135-1	411.07	424.48	422.85	419.46	1.74	ppb
Barium	137-1	413.59	423.68	420.95	419.41	1.24	ppb
Beryllium	9-1	1.37	1.37	1.24	1.33	5.63	ppb
Bismuth	209-1				112		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.97	2.23	2.17	2.13	6.31	ppb
Cadmium	106-1	-0.09	-0.10	-0.02	-0.07		ppb
Cadmium	111-1	1.15	1.17	1.16	1.16	0.82	ppb
Calcium	43-1	14675.23	15086.14	14982.06	14914.48	1.43	ppb
Calcium	44-1	13777.29	13821.86	13955.03	13851.39	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	284.74	287.41	282.73	284.96	0.82	ppb
Cobalt	59-2	122.41	122.50	118.51	121.14	1.88	ppb
Copper	63-2	386.19	387.95	383.07	385.74	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	166714.69	164986.26	165076.34	165592.43	0.59	ppb
Iron	57-2	167439.74	167669.53	163971.66	166360.31	1.25	ppb
Iron	54-2	166969.76	168711.97	167398.53	167693.42	0.54	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-06	Instrumnet Name :	P7
Client Sample ID :	MYE5F6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:32:36	DataFile Name :	221SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.33	46.12	46.40	45.95	1.21	ppb
Lead	207-1	45.41	46.27	46.46	46.05	1.23	ppb
Lead	208-1	45.06	45.83	46.10	45.66	1.18	ppb
Lithium	6-1				76		%
Magnesium	24-2	52006.06	53009.44	51595.90	52203.80	1.39	ppb
Manganese	55-2	3792.31	3769.84	3784.24	3782.13	0.30	ppb
Molybdenum	94-1	14.20	14.77	14.81	14.59	2.32	ppb
Molybdenum	95-1	1.11	1.13	1.12	1.12	0.98	ppb
Molybdenum	96-1	3.55	3.65	3.62	3.61	1.44	ppb
Molybdenum	97-1	1.15	1.15	1.14	1.15	0.09	ppb
Molybdenum	98-1	1.08	1.10	1.08	1.09	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	206.02	208.10	205.95	206.69	0.59	ppb
Phosphorus	31-2	1541.51	1548.95	1530.93	1540.46	0.59	ppb
Potassium	39-2	4051.79	4140.59	4106.60	4099.66	1.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.38	-0.42	0.22	0.06	756.60	ppb
Selenium	77-2	12.12	14.43	13.33	13.29	8.70	ppb
Selenium	78-2	2.70	2.37	2.55	2.54	6.59	ppb
Silicon	28-1	1787.84	1799.13	1801.62	1796.20	0.41	ppb
Silver	107-1	0.26	0.25	0.24	0.25	3.61	ppb
Silver	109-1	0.26	0.25	0.25	0.25	4.34	ppb
Sodium	23-2	222.48	224.73	223.50	223.57	0.51	ppb
Strontium	86-1	69.69	70.87	70.80	70.45	0.93	ppb
Strontium	88-1	69.18	70.91	70.42	70.17	1.28	ppb
Sulfur	34-1	-1380.03	-1308.31	-1312.25	-1333.53		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.32	0.32	0.31	0.32	1.21	ppb
Thallium	205-1	0.31	0.32	0.32	0.32	0.89	ppb
Tin	118-1	1.79	1.80	1.81	1.80	0.67	ppb
Titanium	47-1	969.37	969.37	981.00	973.25	0.69	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-06	Instrumnet Name :	P7
Client Sample ID :	MYE5F6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:32:36	DataFile Name :	221SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.83	0.84	0.83	1.18	ppb
Vanadium	51-2	353.64	359.78	358.11	357.18	0.89	ppb
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	269.59	271.44	264.44	268.49	1.35	ppb
Zirconium	90-1	7.53	7.76	7.66	7.65	1.48	ppb
Zirconium	91-1	7.60	7.72	7.59	7.64	0.92	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-07	Instrumnet Name :	P7
Client Sample ID :	MYE5F7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:35:35	DataFile Name :	222SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32150.30	33357.18	33702.96	33070.15	2.46	ppb
Antimony	121-1	1.09	1.11	1.16	1.12	2.94	ppb
Arsenic	75-2	102.52	105.19	106.02	104.57	1.75	ppb
Barium	135-1	543.99	554.32	560.93	553.08	1.54	ppb
Barium	137-1	546.58	541.58	562.42	550.19	1.98	ppb
Beryllium	9-1	1.78	1.85	2.02	1.88	6.64	ppb
Bismuth	209-1				117		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.38	2.62	2.73	2.58	6.98	ppb
Cadmium	106-1	0.64	0.11	0.26	0.34	81.37	ppb
Cadmium	111-1	2.46	2.36	2.53	2.45	3.54	ppb
Calcium	43-1	8744.68	8928.96	9085.41	8919.69	1.91	ppb
Calcium	44-1	8145.22	8237.43	8422.31	8268.32	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.02	81.22	80.52	80.58	0.75	ppb
Cobalt	59-2	53.25	54.08	53.58	53.64	0.78	ppb
Copper	63-2	283.03	286.26	287.38	285.56	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	81798.05	83281.84	82170.96	82416.95	0.94	ppb
Iron	57-2	82659.17	83083.72	83384.73	83042.54	0.44	ppb
Iron	54-2	83499.29	84926.16	83570.66	83998.70	0.96	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-07	Instrumnet Name :	P7
Client Sample ID :	MYE5F7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:35:35	DataFile Name :	222SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	131.00	134.34	134.38	133.24	1.46	ppb
Lead	207-1	134.84	137.44	137.22	136.50	1.06	ppb
Lead	208-1	133.59	135.01	135.52	134.71	0.74	ppb
Lithium	6-1				77		%
Magnesium	24-2	15286.79	15931.16	15704.31	15640.75	2.09	ppb
Manganese	55-2	3868.80	3935.85	3930.71	3911.79	0.95	ppb
Molybdenum	94-1	20.30	21.02	21.86	21.06	3.70	ppb
Molybdenum	95-1	0.94	0.97	0.99	0.97	2.88	ppb
Molybdenum	96-1	3.50	3.55	3.70	3.58	2.92	ppb
Molybdenum	97-1	0.93	0.90	0.95	0.92	2.84	ppb
Molybdenum	98-1	0.87	0.90	0.93	0.90	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.42	87.15	86.09	86.22	1.01	ppb
Phosphorus	31-2	1877.04	1923.31	1925.82	1908.72	1.44	ppb
Potassium	39-2	7501.62	7472.63	7491.32	7488.52	0.20	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	0.29	0.24	-0.05	0.16	112.22	ppb
Selenium	77-2	16.25	13.61	15.95	15.27	9.46	ppb
Selenium	78-2	3.27	3.33	2.89	3.16	7.45	ppb
Silicon	28-1	2260.81	2265.56	2269.20	2265.19	0.19	ppb
Silver	107-1	0.60	0.61	0.63	0.61	2.12	ppb
Silver	109-1	0.60	0.61	0.63	0.61	2.10	ppb
Sodium	23-2	145.33	147.85	148.07	147.08	1.03	ppb
Strontium	86-1	66.69	68.24	70.39	68.44	2.71	ppb
Strontium	88-1	67.77	68.79	69.61	68.73	1.34	ppb
Sulfur	34-1	-1192.38	-1288.11	-1315.19	-1265.23		ppb
Terbium	159-1				115		%
Terbium	159-2				102		%
Thallium	203-1	0.80	0.82	0.84	0.82	2.13	ppb
Thallium	205-1	0.78	0.80	0.82	0.80	2.53	ppb
Tin	118-1	2.23	2.23	2.33	2.27	2.63	ppb
Titanium	47-1	803.78	821.11	847.97	824.29	2.70	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-07	Instrumnet Name :	P7
Client Sample ID :	MYE5F7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:35:35	DataFile Name :	222SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.03	1.04	1.03	1.20	ppb
Vanadium	51-2	163.08	165.26	162.46	163.60	0.90	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	269.42	273.06	274.33	272.27	0.94	ppb
Zirconium	90-1	11.05	11.37	11.66	11.36	2.71	ppb
Zirconium	91-1	11.30	11.37	11.87	11.51	2.71	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-08	Instrumnet Name :	P7
Client Sample ID :	MYE5F8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:38:36	DataFile Name :	223SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31681.18	32535.81	32042.35	32086.45	1.34	ppb
Antimony	121-1	1.74	1.80	1.75	1.76	1.61	ppb
Arsenic	75-2	162.37	161.94	163.11	162.48	0.36	ppb
Barium	135-1	873.87	908.91	870.86	884.55	2.39	ppb
Barium	137-1	880.14	893.57	869.66	881.13	1.36	ppb
Beryllium	9-1	2.02	1.94	2.01	1.99	2.26	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.16	3.24	3.19	3.20	1.22	ppb
Cadmium	106-1	0.56	0.60	0.20	0.46	48.17	ppb
Cadmium	111-1	3.19	3.36	3.18	3.25	3.10	ppb
Calcium	43-1	4455.61	4580.55	4571.37	4535.84	1.54	ppb
Calcium	44-1	4204.02	4235.72	4265.87	4235.20	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.62	98.16	97.57	97.78	0.33	ppb
Cobalt	59-2	80.84	81.91	80.76	81.17	0.79	ppb
Copper	63-2	325.73	327.79	324.64	326.06	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	105361.67	106279.39	105997.08	105879.38	0.44	ppb
Iron	57-2	105073.06	107389.19	106503.16	106321.81	1.10	ppb
Iron	54-2	106886.50	107696.82	106515.86	107033.06	0.56	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-08	Instrumnet Name :	P7
Client Sample ID :	MYE5F8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:38:36	DataFile Name :	223SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	85.65	84.53	83.77	84.65	1.12	ppb
Lead	207-1	83.86	84.09	83.24	83.73	0.53	ppb
Lead	208-1	83.41	83.02	82.14	82.86	0.78	ppb
Lithium	6-1				74		%
Magnesium	24-2	15887.35	16212.72	15874.83	15991.63	1.20	ppb
Manganese	55-2	8390.81	8399.06	8347.52	8379.13	0.33	ppb
Molybdenum	94-1	8.92	9.12	9.09	9.04	1.18	ppb
Molybdenum	95-1	1.65	1.66	1.62	1.64	1.46	ppb
Molybdenum	96-1	2.95	3.02	2.98	2.98	1.26	ppb
Molybdenum	97-1	1.50	1.57	1.53	1.53	2.37	ppb
Molybdenum	98-1	1.52	1.51	1.52	1.52	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.05	124.37	124.41	123.61	1.09	ppb
Phosphorus	31-2	1482.07	1465.95	1480.34	1476.12	0.60	ppb
Potassium	39-2	6256.98	6287.91	6177.62	6240.84	0.91	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	0.89	1.00	0.98	0.96	5.93	ppb
Selenium	77-2	17.29	18.48	16.77	17.51	5.02	ppb
Selenium	78-2	4.17	3.90	4.67	4.25	9.18	ppb
Silicon	28-1	2045.92	2096.04	2096.02	2079.33	1.39	ppb
Silver	107-1	0.54	0.54	0.53	0.54	0.27	ppb
Silver	109-1	0.55	0.54	0.53	0.54	1.23	ppb
Sodium	23-2	221.48	222.97	222.86	222.44	0.37	ppb
Strontium	86-1	47.77	48.69	48.08	48.18	0.98	ppb
Strontium	88-1	47.41	49.03	48.43	48.29	1.70	ppb
Sulfur	34-1	-1633.28	-1616.32	-1611.14	-1620.25		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.63	0.62	0.63	0.63	1.29	ppb
Thallium	205-1	0.63	0.62	0.62	0.62	0.32	ppb
Tin	118-1	1.69	1.73	1.71	1.71	1.18	ppb
Titanium	47-1	984.64	988.53	992.76	988.64	0.41	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-08	Instrumnet Name :	P7
Client Sample ID :	MYE5F8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:38:36	DataFile Name :	223SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.41	1.42	1.42	1.42	0.38	ppb
Vanadium	51-2	213.97	217.28	216.56	215.94	0.81	ppb
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	356.31	358.64	359.97	358.31	0.52	ppb
Zirconium	90-1	4.34	4.42	4.36	4.37	0.99	ppb
Zirconium	91-1	4.49	4.46	4.45	4.47	0.46	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:41:37	DataFile Name :	224CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50814.14	49483.08	50588.91	50295.38	1.42	ppb
Antimony	121-1	493.20	499.29	495.72	496.07	0.62	ppb
Arsenic	75-2	515.74	527.22	523.03	522.00	1.11	ppb
Barium	135-1	2409.38	2440.61	2435.99	2428.66	0.69	ppb
Barium	137-1	2413.93	2430.22	2435.18	2426.44	0.46	ppb
Beryllium	9-1	474.85	474.93	486.44	478.74	1.39	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	490.31	496.90	497.74	494.99	0.82	ppb
Cadmium	106-1	492.50	500.96	494.06	495.84	0.91	ppb
Cadmium	111-1	503.01	505.31	500.07	502.80	0.52	ppb
Calcium	43-1	217967.63	220671.27	217501.69	218713.53	0.78	ppb
Calcium	44-1	231642.25	232475.10	228771.37	230962.91	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.21	509.96	515.74	511.97	0.64	ppb
Cobalt	59-2	549.87	539.47	548.97	546.10	1.06	ppb
Copper	63-2	5309.36	5245.25	5310.98	5288.53	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	128322.44	126083.49	128136.79	127514.24	0.97	ppb
Iron	57-2	128882.44	127830.56	130317.91	129010.30	0.97	ppb
Iron	54-2	129963.67	127513.36	129837.63	129104.89	1.07	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:41:37	DataFile Name :	224CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2504.23	2553.51	2524.83	2527.52	0.98	ppb
Lead	207-1	2503.88	2550.28	2522.80	2525.65	0.92	ppb
Lead	208-1	2496.73	2540.09	2516.27	2517.69	0.86	ppb
Lithium	6-1				77		%
Magnesium	24-2	269357.90	269000.83	270046.34	269468.36	0.20	ppb
Manganese	55-2	5018.28	4978.86	5055.76	5017.63	0.77	ppb
Molybdenum	94-1	4961.33	5083.62	4928.00	4990.98	1.64	ppb
Molybdenum	95-1	4939.73	5049.47	4960.45	4983.22	1.17	ppb
Molybdenum	96-1	4975.77	5062.43	4937.02	4991.74	1.29	ppb
Molybdenum	97-1	5021.44	5056.60	4924.19	5000.74	1.37	ppb
Molybdenum	98-1	5022.31	5106.83	5010.27	5046.47	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	549.07	528.02	543.69	540.26	2.02	ppb
Phosphorus	31-2	9926.06	9791.89	9919.41	9879.12	0.77	ppb
Potassium	39-2	124323.77	121726.51	124770.45	123606.91	1.33	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	82-1	509.73	519.02	508.73	512.49	1.11	ppb
Selenium	77-2	496.46	500.78	501.37	499.54	0.54	ppb
Selenium	78-2	494.85	508.74	498.65	500.75	1.43	ppb
Silicon	28-1	161.44	162.65	163.00	162.37	0.50	ppb
Silver	107-1	487.33	492.82	486.11	488.76	0.73	ppb
Silver	109-1	492.13	492.37	493.02	492.51	0.09	ppb
Sodium	23-2	254534.44	251268.68	252822.74	252875.28	0.65	ppb
Strontium	86-1	539.28	548.35	539.05	542.23	0.98	ppb
Strontium	88-1	539.61	546.39	539.80	541.94	0.71	ppb
Sulfur	34-1	8742.31	8783.85	8682.14	8736.10	0.59	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	497.19	504.40	504.86	502.15	0.86	ppb
Thallium	205-1	497.81	507.10	504.44	503.12	0.95	ppb
Tin	118-1	485.25	487.89	483.56	485.57	0.45	ppb
Titanium	47-1	4974.93	4946.09	4896.23	4939.09	0.81	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:41:37	DataFile Name :	224CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	509.55	522.08	523.19	518.27	1.46	ppb
Vanadium	51-2	521.78	504.28	517.66	514.57	1.78	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	5182.46	5119.33	5229.94	5177.24	1.07	ppb
Zirconium	90-1	502.16	512.57	497.69	504.14	1.51	ppb
Zirconium	91-1	499.14	509.82	504.57	504.51	1.06	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:44:20	DataFile Name :	225CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	0.46	0.43	0.50	19.72	ppb
Antimony	121-1	0.16	0.21	0.27	0.21	25.80	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	20.15	ppb
Barium	135-1	0.17	0.08	0.06	0.10	55.14	ppb
Barium	137-1	0.14	0.09	0.05	0.09	46.51	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	15.31	ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.01	0.02	0.03	92.69	ppb
Cadmium	106-1	-0.15	-1.18	-1.46	-0.93		ppb
Cadmium	111-1	0.04	0.02	0.01	0.02	72.31	ppb
Calcium	43-1	7.45	5.12	0.48	4.35	81.47	ppb
Calcium	44-1	-1.77	-5.95	-7.82	-5.18		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	115.91	ppb
Copper	63-2	0.14	0.11	0.11	0.12	14.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	1.78	1.18	1.32	1.43	21.95	ppb
Iron	57-2	0.25	0.60	0.25	0.36	55.40	ppb
Iron	54-2	1.45	-0.15	0.79	0.70	115.27	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:44:20	DataFile Name :	225CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.14	0.10	0.07	0.10	34.60	ppb
Lead	207-1	0.14	0.10	0.06	0.10	35.92	ppb
Lead	208-1	0.14	0.09	0.07	0.10	36.22	ppb
Lithium	6-1				90		%
Magnesium	24-2	2.90	2.23	1.93	2.36	20.98	ppb
Manganese	55-2	-0.04	-0.06	-0.04	-0.05		ppb
Molybdenum	94-1	0.36	0.29	0.29	0.31	13.62	ppb
Molybdenum	95-1	0.32	0.25	0.21	0.26	20.87	ppb
Molybdenum	96-1	0.31	0.24	0.23	0.26	17.49	ppb
Molybdenum	97-1	0.31	0.24	0.23	0.26	17.29	ppb
Molybdenum	98-1	0.31	0.24	0.23	0.26	16.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.01	0.01	86.18	ppb
Phosphorus	31-2	-19.65	-19.08	-17.74	-18.83		ppb
Potassium	39-2	10.34	6.96	10.77	9.36	22.28	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	-0.18	-0.21	-0.34	-0.24		ppb
Selenium	77-2	0.03	0.10	0.03	0.05	82.88	ppb
Selenium	78-2	-0.43	-0.06	0.46	-0.01		ppb
Silicon	28-1	-9.36	-9.30	-8.58	-9.08		ppb
Silver	107-1	0.04	0.03	0.02	0.03	38.20	ppb
Silver	109-1	0.04	0.03	0.02	0.03	29.04	ppb
Sodium	23-2	17.16	14.81	16.27	16.08	7.39	ppb
Strontium	86-1	0.02	0.01	0.01	0.01	28.93	ppb
Strontium	88-1	0.03	0.02	0.01	0.02	49.02	ppb
Sulfur	34-1	-640.93	-608.75	-486.42	-578.70		ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.07	0.05	0.07	27.17	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	17.73	ppb
Tin	118-1	-0.01	-0.02	-0.03	-0.02		ppb
Titanium	47-1	0.24	0.17	0.13	0.18	30.13	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:44:20	DataFile Name :	225CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	35.98	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	12.72	ppb
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	0.12	0.11	0.13	0.12	5.97	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	5.30	ppb
Zirconium	91-1	0.05	0.06	0.06	0.06	12.24	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-09	Instrumnet Name :	P7
Client Sample ID :	MYE5F9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:47:35	DataFile Name :	226SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45511.79	44961.09	43960.25	44811.04	1.76	ppb
Antimony	121-1	0.77	0.81	0.83	0.80	4.16	ppb
Arsenic	75-2	119.35	118.66	118.28	118.76	0.46	ppb
Barium	135-1	453.38	459.50	464.13	459.00	1.17	ppb
Barium	137-1	448.34	454.55	460.28	454.39	1.31	ppb
Beryllium	9-1	1.38	1.36	1.23	1.32	6.45	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.28	1.40	1.28	1.32	5.26	ppb
Cadmium	106-1	1.21	0.17	-0.18	0.40	181.93	ppb
Cadmium	111-1	0.84	0.84	0.85	0.84	1.18	ppb
Calcium	43-1	10299.12	10497.80	10505.19	10434.04	1.12	ppb
Calcium	44-1	9551.83	9601.51	9598.37	9583.90	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152.40	149.79	146.23	149.47	2.07	ppb
Cobalt	59-2	64.90	64.35	63.01	64.09	1.51	ppb
Copper	63-2	175.19	169.58	167.86	170.87	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	56-2	102221.41	100858.47	98981.90	100687.26	1.62	ppb
Iron	57-2	102244.46	100954.63	99317.96	100839.02	1.45	ppb
Iron	54-2	101876.72	101498.72	98925.19	100766.88	1.59	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-09	Instrumnet Name :	P7
Client Sample ID :	MYE5F9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:47:35	DataFile Name :	226SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.55	30.06	29.96	29.85	0.91	ppb
Lead	207-1	28.81	29.36	29.43	29.20	1.16	ppb
Lead	208-1	28.94	29.49	29.43	29.28	1.04	ppb
Lithium	6-1				80		%
Magnesium	24-2	26788.49	26145.16	25702.60	26212.08	2.08	ppb
Manganese	55-2	2885.98	2867.52	2815.86	2856.45	1.27	ppb
Molybdenum	94-1	11.75	11.86	11.72	11.78	0.60	ppb
Molybdenum	95-1	0.71	0.74	0.74	0.73	2.01	ppb
Molybdenum	96-1	2.47	2.54	2.49	2.50	1.44	ppb
Molybdenum	97-1	0.72	0.72	0.74	0.73	1.61	ppb
Molybdenum	98-1	0.70	0.68	0.69	0.69	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	120.21	119.69	117.02	118.97	1.44	ppb
Phosphorus	31-2	1119.70	1103.54	1089.97	1104.41	1.35	ppb
Potassium	39-2	3358.62	3337.43	3233.13	3309.73	2.03	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.40	0.10	0.15	0.22	74.58	ppb
Selenium	77-2	13.12	14.97	15.25	14.45	8.03	ppb
Selenium	78-2	2.36	2.64	2.36	2.45	6.55	ppb
Silicon	28-1	2245.33	2316.46	2267.43	2276.41	1.60	ppb
Silver	107-1	0.21	0.20	0.19	0.20	4.14	ppb
Silver	109-1	0.21	0.19	0.19	0.20	5.65	ppb
Sodium	23-2	198.75	195.85	193.46	196.02	1.35	ppb
Strontium	86-1	57.29	58.13	57.48	57.63	0.77	ppb
Strontium	88-1	57.10	58.49	57.90	57.83	1.20	ppb
Sulfur	34-1	-884.82	-1017.46	-1159.16	-1020.48		ppb
Terbium	159-1				117		%
Terbium	159-2				104		%
Thallium	203-1	0.41	0.39	0.40	0.40	3.16	ppb
Thallium	205-1	0.42	0.39	0.38	0.40	4.83	ppb
Tin	118-1	1.67	1.66	1.71	1.68	1.85	ppb
Titanium	47-1	780.62	804.82	792.55	792.66	1.53	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-09	Instrumnet Name :	P7
Client Sample ID :	MYE5F9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:47:35	DataFile Name :	226SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.87	0.88	0.86	1.75	ppb
Vanadium	51-2	221.69	218.04	216.78	218.84	1.17	ppb
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	164.22	161.45	160.33	162.00	1.23	ppb
Zirconium	90-1	6.26	6.34	6.33	6.31	0.70	ppb
Zirconium	91-1	6.25	6.40	6.40	6.35	1.38	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-10	Instrumnet Name :	P7
Client Sample ID :	MYE5G0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:50:39	DataFile Name :	227SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28915.23	27250.82	28429.75	28198.60	3.04	ppb
Antimony	121-1	1.93	1.93	1.94	1.94	0.36	ppb
Arsenic	75-2	139.19	136.34	138.00	137.84	1.04	ppb
Barium	135-1	531.39	524.15	527.74	527.76	0.69	ppb
Barium	137-1	531.00	529.27	530.20	530.16	0.16	ppb
Beryllium	9-1	1.51	1.48	1.36	1.45	5.57	ppb
Bismuth	209-1				116		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.09	3.30	3.19	3.19	3.24	ppb
Cadmium	106-1	1.00	0.57	0.66	0.74	31.13	ppb
Cadmium	111-1	3.07	3.08	3.04	3.06	0.73	ppb
Calcium	43-1	4757.99	4752.33	4715.95	4742.09	0.48	ppb
Calcium	44-1	4436.11	4377.24	4416.61	4409.99	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82.31	79.75	80.95	81.00	1.58	ppb
Cobalt	59-2	52.95	50.79	52.19	51.98	2.11	ppb
Copper	63-2	354.12	340.90	350.89	348.64	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	56-2	91014.67	87350.86	89045.47	89137.00	2.06	ppb
Iron	57-2	91588.11	87803.16	90308.14	89899.80	2.14	ppb
Iron	54-2	91926.89	88188.99	90364.85	90160.24	2.08	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-10	Instrumnet Name :	P7
Client Sample ID :	MYE5G0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:50:39	DataFile Name :	227SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	119.01	120.96	115.85	118.61	2.17	ppb
Lead	207-1	120.06	122.90	119.04	120.67	1.66	ppb
Lead	208-1	118.98	121.36	117.88	119.40	1.49	ppb
Lithium	6-1				77		%
Magnesium	24-2	13784.54	13171.93	13718.63	13558.37	2.48	ppb
Manganese	55-2	4780.92	4634.84	4705.98	4707.25	1.55	ppb
Molybdenum	94-1	14.41	14.49	14.81	14.57	1.44	ppb
Molybdenum	95-1	1.14	1.14	1.17	1.15	1.42	ppb
Molybdenum	96-1	3.05	3.13	3.17	3.12	1.94	ppb
Molybdenum	97-1	1.10	1.12	1.11	1.11	0.90	ppb
Molybdenum	98-1	1.08	1.12	1.11	1.10	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.71	77.14	79.71	79.18	2.33	ppb
Phosphorus	31-2	1383.45	1360.62	1384.32	1376.13	0.98	ppb
Potassium	39-2	6102.79	5908.29	5995.08	6002.05	1.62	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	0.61	0.22	0.08	0.31	88.59	ppb
Selenium	77-2	13.59	14.11	13.61	13.77	2.13	ppb
Selenium	78-2	3.21	3.77	3.89	3.62	9.92	ppb
Silicon	28-1	2193.77	2203.73	2143.08	2180.20	1.49	ppb
Silver	107-1	0.60	0.60	0.62	0.60	1.81	ppb
Silver	109-1	0.61	0.60	0.62	0.61	1.85	ppb
Sodium	23-2	112.11	107.46	110.58	110.05	2.15	ppb
Strontium	86-1	46.16	46.50	46.88	46.51	0.77	ppb
Strontium	88-1	45.74	46.74	46.27	46.25	1.08	ppb
Sulfur	34-1	-1397.44	-1463.91	-1533.36	-1464.91		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.49	0.51	0.49	0.50	2.63	ppb
Thallium	205-1	0.50	0.51	0.49	0.50	1.66	ppb
Tin	118-1	2.20	2.11	2.18	2.16	2.18	ppb
Titanium	47-1	837.58	843.42	825.33	835.44	1.10	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-10	Instrumnet Name :	P7
Client Sample ID :	MYE5G0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:50:39	DataFile Name :	227SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.98	0.96	0.97	1.10	ppb
Vanadium	51-2	185.57	180.05	180.52	182.05	1.68	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	321.77	305.38	313.00	313.39	2.62	ppb
Zirconium	90-1	7.54	7.66	7.71	7.64	1.18	ppb
Zirconium	91-1	7.52	7.76	7.75	7.68	1.73	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-11	Instrumnet Name :	P7
Client Sample ID :	MYE5G2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:53:38	DataFile Name :	228SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43451.60	45008.79	45245.87	44568.76	2.19	ppb
Antimony	121-1	1.22	1.29	1.28	1.26	2.78	ppb
Arsenic	75-2	170.48	173.21	170.91	171.53	0.86	ppb
Barium	135-1	777.37	796.72	787.96	787.35	1.23	ppb
Barium	137-1	772.72	797.35	783.94	784.67	1.57	ppb
Beryllium	9-1	1.96	2.27	2.17	2.13	7.49	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.12	2.90	3.17	3.06	4.78	ppb
Cadmium	106-1	1.25	1.08	0.54	0.96	38.68	ppb
Cadmium	111-1	2.73	2.69	2.77	2.73	1.42	ppb
Calcium	43-1	8455.98	8814.78	8751.34	8674.03	2.21	ppb
Calcium	44-1	7855.50	8236.96	8213.88	8102.11	2.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115.84	119.42	120.80	118.69	2.16	ppb
Cobalt	59-2	73.69	75.90	76.79	75.46	2.11	ppb
Copper	63-2	288.62	297.79	298.22	294.88	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	56-2	124515.25	128694.68	129137.64	127449.19	2.00	ppb
Iron	57-2	125567.72	128707.20	131403.95	128559.62	2.27	ppb
Iron	54-2	125259.19	131142.05	131383.14	129261.46	2.68	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-11	Instrumnet Name :	P7
Client Sample ID :	MYE5G2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:53:38	DataFile Name :	228SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	97.46	98.86	98.06	98.13	0.72	ppb
Lead	207-1	99.68	103.31	100.04	101.01	1.98	ppb
Lead	208-1	98.11	100.14	99.02	99.09	1.02	ppb
Lithium	6-1				77		%
Magnesium	24-2	19604.86	20369.76	20372.21	20115.61	2.20	ppb
Manganese	55-2	6050.29	6327.17	6318.50	6231.99	2.53	ppb
Molybdenum	94-1	18.68	19.20	19.45	19.11	2.05	ppb
Molybdenum	95-1	1.22	1.20	1.25	1.22	2.17	ppb
Molybdenum	96-1	3.78	3.79	3.88	3.81	1.43	ppb
Molybdenum	97-1	1.11	1.14	1.14	1.13	1.28	ppb
Molybdenum	98-1	1.06	1.10	1.12	1.09	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.87	118.81	121.76	118.48	2.91	ppb
Phosphorus	31-2	1776.16	1807.42	1830.21	1804.60	1.50	ppb
Potassium	39-2	8362.94	8525.08	8562.75	8483.59	1.25	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	0.48	0.15	0.33	0.32	52.03	ppb
Selenium	77-2	18.82	18.40	17.72	18.31	3.03	ppb
Selenium	78-2	4.15	4.55	3.99	4.23	6.81	ppb
Silicon	28-1	1966.94	2045.89	2036.83	2016.55	2.14	ppb
Silver	107-1	0.53	0.54	0.54	0.54	1.25	ppb
Silver	109-1	0.54	0.55	0.54	0.55	0.95	ppb
Sodium	23-2	132.20	136.78	144.75	137.91	4.61	ppb
Strontium	86-1	76.18	78.09	79.43	77.90	2.10	ppb
Strontium	88-1	76.04	78.29	78.77	77.70	1.87	ppb
Sulfur	34-1	-1480.38	-1430.06	-1429.04	-1446.49		ppb
Terbium	159-1				116		%
Terbium	159-2				103		%
Thallium	203-1	0.61	0.62	0.61	0.61	0.69	ppb
Thallium	205-1	0.59	0.61	0.61	0.60	1.65	ppb
Tin	118-1	2.23	2.31	2.35	2.30	2.64	ppb
Titanium	47-1	856.94	910.83	897.29	888.35	3.16	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-11	Instrumnet Name :	P7
Client Sample ID :	MYE5G2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:53:38	DataFile Name :	228SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.25	1.28	1.25	1.26	1.49	ppb
Vanadium	51-2	257.87	259.74	264.12	260.58	1.23	ppb
Yttrium	89-1				112		%
Yttrium	89-2				103		%
Zinc	66-2	351.70	362.89	366.82	360.47	2.18	ppb
Zirconium	90-1	9.88	10.36	10.32	10.19	2.64	ppb
Zirconium	91-1	10.06	10.29	10.30	10.22	1.36	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-12	Instrumnet Name :	P7
Client Sample ID :	MYE5G3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:56:41	DataFile Name :	229SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36004.73	36354.25	36072.69	36143.89	0.51	ppb
Antimony	121-1	2.14	2.11	2.13	2.13	0.61	ppb
Arsenic	75-2	225.34	233.91	229.38	229.54	1.87	ppb
Barium	135-1	639.36	638.88	623.56	633.93	1.42	ppb
Barium	137-1	647.93	627.15	636.92	637.34	1.63	ppb
Beryllium	9-1	1.48	1.42	1.53	1.48	3.96	ppb
Bismuth	209-1				121		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.81	3.74	3.99	3.85	3.36	ppb
Cadmium	106-1	1.64	1.13	1.43	1.40	18.29	ppb
Cadmium	111-1	3.86	3.79	3.85	3.83	1.01	ppb
Calcium	43-1	6225.82	6131.90	6195.11	6184.28	0.77	ppb
Calcium	44-1	5822.80	5720.57	5793.99	5779.12	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.42	94.86	95.98	95.42	0.58	ppb
Cobalt	59-2	60.98	60.34	61.47	60.93	0.92	ppb
Copper	63-2	424.20	414.25	422.66	420.37	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				97		%
Iron	56-2	111604.65	109591.29	112519.61	111238.52	1.35	ppb
Iron	57-2	111309.88	110881.47	112166.50	111452.62	0.59	ppb
Iron	54-2	112978.31	112501.71	112971.76	112817.26	0.24	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-12	Instrumnet Name :	P7
Client Sample ID :	MYE5G3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:56:41	DataFile Name :	229SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	143.60	139.71	142.97	142.09	1.47	ppb
Lead	207-1	143.21	142.03	143.03	142.76	0.45	ppb
Lead	208-1	144.32	142.42	143.21	143.32	0.67	ppb
Lithium	6-1				80		%
Magnesium	24-2	15471.19	15893.18	15685.43	15683.27	1.35	ppb
Manganese	55-2	5424.43	5310.00	5350.52	5361.65	1.08	ppb
Molybdenum	94-1	15.60	15.37	15.69	15.56	1.06	ppb
Molybdenum	95-1	1.40	1.40	1.38	1.39	1.00	ppb
Molybdenum	96-1	3.42	3.47	3.52	3.47	1.50	ppb
Molybdenum	97-1	1.34	1.31	1.34	1.33	1.55	ppb
Molybdenum	98-1	1.30	1.30	1.31	1.30	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.02	98.27	98.62	98.64	0.38	ppb
Phosphorus	31-2	1590.37	1568.79	1612.69	1590.62	1.38	ppb
Potassium	39-2	6517.00	6244.83	6482.81	6414.88	2.31	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	1.00	0.61	0.88	0.83	24.30	ppb
Selenium	77-2	17.69	16.68	16.99	17.12	3.03	ppb
Selenium	78-2	4.18	3.70	3.51	3.80	9.10	ppb
Silicon	28-1	1600.25	1555.92	1570.91	1575.69	1.43	ppb
Silver	107-1	0.80	0.79	0.78	0.79	1.27	ppb
Silver	109-1	0.81	0.78	0.79	0.79	1.98	ppb
Sodium	23-2	145.83	148.20	145.86	146.63	0.92	ppb
Strontium	86-1	53.80	53.31	54.10	53.74	0.74	ppb
Strontium	88-1	53.14	53.63	54.01	53.60	0.81	ppb
Sulfur	34-1	-1546.02	-1585.89	-1590.57	-1574.16		ppb
Terbium	159-1				120		%
Terbium	159-2				104		%
Thallium	203-1	0.54	0.51	0.52	0.52	2.98	ppb
Thallium	205-1	0.53	0.51	0.53	0.53	2.18	ppb
Tin	118-1	2.40	2.39	2.42	2.40	0.59	ppb
Titanium	47-1	936.37	915.23	921.72	924.44	1.17	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-12	Instrumnet Name :	P7
Client Sample ID :	MYE5G3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:56:41	DataFile Name :	229SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.12	1.14	1.13	1.34	ppb
Vanadium	51-2	225.38	222.77	226.26	224.80	0.81	ppb
Yttrium	89-1				114		%
Yttrium	89-2				103		%
Zinc	66-2	373.04	372.22	374.49	373.25	0.31	ppb
Zirconium	90-1	8.00	7.97	8.11	8.03	0.95	ppb
Zirconium	91-1	8.10	8.01	8.20	8.11	1.18	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-13	Instrumnet Name :	P7
Client Sample ID :	MYE506	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:59:41	DataFile Name :	230SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32569.45	31677.42	32462.33	32236.40	1.51	ppb
Antimony	121-1	2.93	3.04	2.98	2.98	1.75	ppb
Arsenic	75-2	143.15	139.93	141.18	141.42	1.14	ppb
Barium	135-1	455.90	471.15	462.32	463.12	1.65	ppb
Barium	137-1	453.76	473.45	467.45	464.89	2.17	ppb
Beryllium	9-1	1.33	1.39	1.49	1.40	5.98	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.85	3.28	3.20	3.11	7.27	ppb
Cadmium	106-1	1.32	0.71	0.85	0.96	33.65	ppb
Cadmium	111-1	2.83	2.88	2.91	2.87	1.36	ppb
Calcium	43-1	7006.96	7023.47	7015.57	7015.33	0.12	ppb
Calcium	44-1	6551.70	6550.16	6511.19	6537.68	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.36	79.43	79.64	79.81	0.61	ppb
Cobalt	59-2	53.61	52.53	53.12	53.09	1.02	ppb
Copper	63-2	293.37	292.06	290.69	292.04	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	56-2	92102.70	91304.26	94032.62	92479.86	1.52	ppb
Iron	57-2	93618.53	91529.91	92694.82	92614.42	1.13	ppb
Iron	54-2	93936.95	93525.31	93084.09	93515.45	0.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-13	Instrumnet Name :	P7
Client Sample ID :	MYE506	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:59:41	DataFile Name :	230SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	104.94	103.90	104.80	104.55	0.54	ppb
Lead	207-1	107.76	106.15	106.64	106.85	0.77	ppb
Lead	208-1	105.26	104.84	104.83	104.98	0.23	ppb
Lithium	6-1				77		%
Magnesium	24-2	17591.37	17103.45	17266.46	17320.43	1.43	ppb
Manganese	55-2	2178.46	2179.17	2193.22	2183.62	0.38	ppb
Molybdenum	94-1	20.21	20.09	20.30	20.20	0.53	ppb
Molybdenum	95-1	1.13	1.15	1.12	1.13	1.40	ppb
Molybdenum	96-1	3.76	3.66	3.72	3.71	1.37	ppb
Molybdenum	97-1	1.17	1.08	1.13	1.13	3.79	ppb
Molybdenum	98-1	1.12	1.11	1.12	1.12	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.59	92.75	94.49	93.94	1.10	ppb
Phosphorus	31-2	2034.69	2045.18	2044.58	2041.48	0.29	ppb
Potassium	39-2	6847.10	6744.53	6790.59	6794.07	0.76	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	0.63	0.66	0.81	0.70	13.72	ppb
Selenium	77-2	17.19	15.37	16.99	16.52	6.03	ppb
Selenium	78-2	4.90	3.35	3.20	3.82	24.65	ppb
Silicon	28-1	1581.97	1567.81	1578.65	1576.14	0.47	ppb
Silver	107-1	0.60	0.63	0.61	0.62	2.48	ppb
Silver	109-1	0.60	0.62	0.62	0.62	1.67	ppb
Sodium	23-2	121.24	118.83	122.21	120.76	1.44	ppb
Strontium	86-1	68.92	68.79	68.84	68.85	0.10	ppb
Strontium	88-1	68.67	68.74	68.79	68.73	0.09	ppb
Sulfur	34-1	-1317.73	-1292.13	-1278.43	-1296.10		ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	0.47	0.46	0.45	0.46	1.97	ppb
Thallium	205-1	0.46	0.45	0.45	0.45	1.73	ppb
Tin	118-1	2.54	2.68	2.63	2.62	2.79	ppb
Titanium	47-1	920.46	916.43	920.46	919.12	0.25	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-13	Instrumnet Name :	P7
Client Sample ID :	MYE506	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:59:41	DataFile Name :	230SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.13	1.14	1.14	1.02	ppb
Vanadium	51-2	183.54	176.95	181.82	180.77	1.89	ppb
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	337.49	330.52	333.70	333.91	1.05	ppb
Zirconium	90-1	10.72	10.75	10.75	10.74	0.18	ppb
Zirconium	91-1	10.70	10.85	10.76	10.77	0.73	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-14	Instrumnet Name :	P7
Client Sample ID :	MYE507	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:02:43	DataFile Name :	231SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29506.77	29615.38	29018.46	29380.21	1.08	ppb
Antimony	121-1	1.98	2.02	2.00	2.00	1.01	ppb
Arsenic	75-2	123.03	123.18	124.26	123.49	0.54	ppb
Barium	135-1	400.61	397.95	400.99	399.85	0.41	ppb
Barium	137-1	399.11	391.48	398.38	396.32	1.06	ppb
Beryllium	9-1	1.22	1.39	1.39	1.33	7.24	ppb
Bismuth	209-1				117		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.56	3.55	3.72	3.61	2.66	ppb
Cadmium	106-1	0.99	0.66	0.40	0.68	43.47	ppb
Cadmium	111-1	3.42	3.39	3.41	3.41	0.43	ppb
Calcium	43-1	6050.99	6118.96	6128.66	6099.54	0.69	ppb
Calcium	44-1	5642.64	5742.62	5724.30	5703.19	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.56	74.61	73.00	73.72	1.11	ppb
Cobalt	59-2	42.57	42.87	42.66	42.70	0.36	ppb
Copper	63-2	391.50	390.49	386.10	389.36	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	56-2	74015.55	75467.60	74181.30	74554.82	1.07	ppb
Iron	57-2	75481.19	75346.26	75091.61	75306.35	0.26	ppb
Iron	54-2	75534.10	75123.14	74951.99	75203.08	0.40	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-14	Instrumnet Name :	P7
Client Sample ID :	MYE507	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:02:43	DataFile Name :	231SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.63	129.00	126.80	126.48	2.13	ppb
Lead	207-1	123.49	131.20	126.89	127.19	3.04	ppb
Lead	208-1	124.36	128.76	126.56	126.56	1.74	ppb
Lithium	6-1				78		%
Magnesium	24-2	13902.67	13814.18	13684.03	13800.29	0.80	ppb
Manganese	55-2	1910.31	1909.20	1901.20	1906.90	0.26	ppb
Molybdenum	94-1	15.58	15.93	15.70	15.74	1.14	ppb
Molybdenum	95-1	0.97	0.96	0.94	0.96	1.20	ppb
Molybdenum	96-1	2.94	2.98	2.97	2.96	0.71	ppb
Molybdenum	97-1	0.93	0.94	0.97	0.95	2.26	ppb
Molybdenum	98-1	0.92	0.97	0.94	0.94	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.71	73.60	73.47	73.59	0.17	ppb
Phosphorus	31-2	1439.10	1467.32	1447.07	1451.16	1.00	ppb
Potassium	39-2	6048.72	6122.29	6012.00	6061.00	0.93	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.37	0.43	0.29	0.36	20.12	ppb
Selenium	77-2	16.10	15.06	15.85	15.67	3.46	ppb
Selenium	78-2	3.25	3.70	3.59	3.51	6.54	ppb
Silicon	28-1	1810.41	1865.87	1833.20	1836.49	1.52	ppb
Silver	107-1	0.88	0.87	0.86	0.87	1.34	ppb
Silver	109-1	0.86	0.86	0.87	0.86	0.70	ppb
Sodium	23-2	126.20	127.13	126.08	126.47	0.46	ppb
Strontium	86-1	49.00	49.53	48.85	49.13	0.73	ppb
Strontium	88-1	48.55	49.44	49.24	49.08	0.95	ppb
Sulfur	34-1	-1427.31	-1431.40	-1438.77	-1432.49		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.37	0.40	0.38	0.38	3.57	ppb
Thallium	205-1	0.36	0.38	0.38	0.37	2.01	ppb
Tin	118-1	2.29	2.28	2.30	2.29	0.49	ppb
Titanium	47-1	769.32	769.42	770.07	769.60	0.05	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-14	Instrumnet Name :	P7
Client Sample ID :	MYE507	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:02:43	DataFile Name :	231SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.96	0.95	0.94	2.61	ppb
Vanadium	51-2	142.76	145.86	142.52	143.72	1.30	ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	339.79	339.89	342.08	340.59	0.38	ppb
Zirconium	90-1	8.34	8.49	8.38	8.40	0.91	ppb
Zirconium	91-1	8.47	8.41	8.40	8.42	0.43	ppb

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-15	Instrumnet Name :	P7
Client Sample ID :	MYE508	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:05:43	DataFile Name :	232SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29869.14	31564.19	30307.02	30580.12	2.88	ppb
Antimony	121-1	2.27	2.52	2.35	2.38	5.41	ppb
Arsenic	75-2	123.74	125.85	124.30	124.63	0.88	ppb
Barium	135-1	428.64	470.59	454.65	451.30	4.69	ppb
Barium	137-1	434.71	464.53	451.68	450.31	3.32	ppb
Beryllium	9-1	1.33	1.34	1.20	1.29	6.35	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.00	3.03	2.95	2.99	1.35	ppb
Cadmium	106-1	0.98	0.95	0.51	0.81	32.01	ppb
Cadmium	111-1	2.67	2.94	2.77	2.79	4.80	ppb
Calcium	43-1	5849.30	6475.27	6128.40	6150.99	5.10	ppb
Calcium	44-1	5484.84	5949.80	5707.12	5713.92	4.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74.92	77.63	75.57	76.04	1.86	ppb
Cobalt	59-2	50.39	52.11	50.77	51.09	1.77	ppb
Copper	63-2	268.72	280.58	272.70	274.00	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	84902.28	88050.50	84960.67	85971.15	2.09	ppb
Iron	57-2	84305.46	87143.17	85139.10	85529.24	1.71	ppb
Iron	54-2	86366.27	89275.95	85802.58	87148.27	2.14	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-15	Instrumnet Name :	P7
Client Sample ID :	MYE508	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:05:43	DataFile Name :	232SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	98.26	107.62	100.96	102.28	4.71	ppb
Lead	207-1	102.00	111.45	105.29	106.24	4.51	ppb
Lead	208-1	99.18	108.41	103.26	103.61	4.46	ppb
Lithium	6-1				76		%
Magnesium	24-2	16678.01	17519.39	16641.18	16946.19	2.93	ppb
Manganese	55-2	2003.82	2061.64	1996.18	2020.55	1.77	ppb
Molybdenum	94-1	21.63	23.44	22.09	22.39	4.20	ppb
Molybdenum	95-1	1.05	1.12	1.08	1.08	3.08	ppb
Molybdenum	96-1	3.77	4.09	3.85	3.90	4.23	ppb
Molybdenum	97-1	1.07	1.14	1.06	1.09	3.87	ppb
Molybdenum	98-1	1.02	1.11	1.07	1.07	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.89	91.07	88.68	89.21	1.85	ppb
Phosphorus	31-2	1802.22	1860.30	1780.90	1814.47	2.26	ppb
Potassium	39-2	6303.35	6411.92	6235.47	6316.91	1.41	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	82-1	0.88	0.67	0.52	0.69	26.47	ppb
Selenium	77-2	16.75	17.21	16.52	16.83	2.11	ppb
Selenium	78-2	3.54	3.02	3.06	3.21	9.14	ppb
Silicon	28-1	1708.47	1854.77	1749.88	1771.04	4.26	ppb
Silver	107-1	0.55	0.59	0.57	0.57	3.63	ppb
Silver	109-1	0.56	0.59	0.57	0.58	2.89	ppb
Sodium	23-2	122.11	128.28	122.54	124.31	2.77	ppb
Strontium	86-1	62.82	67.71	64.15	64.89	3.89	ppb
Strontium	88-1	63.04	68.18	63.84	65.02	4.25	ppb
Sulfur	34-1	-1395.84	-1231.56	-1293.99	-1307.13		ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	0.43	0.46	0.45	0.45	3.11	ppb
Thallium	205-1	0.42	0.46	0.44	0.44	5.44	ppb
Tin	118-1	2.34	2.57	2.49	2.46	4.60	ppb
Titanium	47-1	879.05	959.13	909.27	915.81	4.42	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-15	Instrumnet Name :	P7
Client Sample ID :	MYE508	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:05:43	DataFile Name :	232SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.14	1.08	1.08	4.49	ppb
Vanadium	51-2	167.58	170.57	165.79	167.98	1.44	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	313.55	327.20	316.74	319.16	2.24	ppb
Zirconium	90-1	11.58	12.60	11.80	11.99	4.49	ppb
Zirconium	91-1	11.62	12.49	11.81	11.97	3.85	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-16	Instrumnet Name :	P7
Client Sample ID :	MYE509	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:08:45	DataFile Name :	233SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32297.20	32469.17	32608.82	32458.40	0.48	ppb
Antimony	121-1	3.48	3.55	3.50	3.51	1.09	ppb
Arsenic	75-2	128.39	130.03	129.57	129.33	0.66	ppb
Barium	135-1	383.47	397.37	387.48	389.44	1.84	ppb
Barium	137-1	386.47	395.78	392.54	391.60	1.21	ppb
Beryllium	9-1	1.41	1.32	1.29	1.34	4.81	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.36	3.16	3.24	3.25	3.13	ppb
Cadmium	106-1	1.70	1.42	1.02	1.38	24.62	ppb
Cadmium	111-1	3.03	3.09	3.14	3.09	1.86	ppb
Calcium	43-1	7336.41	7446.68	7390.81	7391.30	0.75	ppb
Calcium	44-1	6769.53	6858.20	6840.72	6822.82	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76.50	76.95	77.08	76.84	0.40	ppb
Cobalt	59-2	48.36	48.84	49.17	48.79	0.83	ppb
Copper	63-2	338.61	342.89	343.63	341.71	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	91281.92	94022.30	92283.97	92529.40	1.50	ppb
Iron	57-2	91959.04	92687.62	92804.36	92483.67	0.50	ppb
Iron	54-2	92635.70	93008.89	94073.88	93239.49	0.80	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-16	Instrumnet Name :	P7
Client Sample ID :	MYE509	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:08:45	DataFile Name :	233SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	159.05	160.13	158.09	159.09	0.64	ppb
Lead	207-1	159.83	161.13	160.22	160.39	0.42	ppb
Lead	208-1	158.70	159.32	159.85	159.29	0.36	ppb
Lithium	6-1				77		%
Magnesium	24-2	17318.49	17480.68	17584.20	17461.12	0.77	ppb
Manganese	55-2	1851.96	1880.59	1874.58	1869.04	0.81	ppb
Molybdenum	94-1	18.67	18.89	19.00	18.85	0.91	ppb
Molybdenum	95-1	1.29	1.30	1.36	1.32	2.82	ppb
Molybdenum	96-1	3.71	3.75	3.77	3.74	0.70	ppb
Molybdenum	97-1	1.25	1.32	1.28	1.28	2.72	ppb
Molybdenum	98-1	1.29	1.32	1.31	1.31	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.48	96.41	97.00	96.30	0.80	ppb
Phosphorus	31-2	2043.78	2097.80	2062.34	2067.97	1.33	ppb
Potassium	39-2	6688.13	6790.38	6692.34	6723.62	0.86	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.59	0.83	0.85	0.76	19.07	ppb
Selenium	77-2	15.13	15.28	17.52	15.98	8.39	ppb
Selenium	78-2	4.20	3.98	3.95	4.04	3.37	ppb
Silicon	28-1	1396.85	1391.74	1390.38	1392.99	0.24	ppb
Silver	107-1	0.81	0.80	0.79	0.80	1.64	ppb
Silver	109-1	0.78	0.81	0.81	0.80	2.20	ppb
Sodium	23-2	135.19	138.92	137.70	137.27	1.38	ppb
Strontium	86-1	61.15	62.49	61.71	61.79	1.09	ppb
Strontium	88-1	61.00	62.45	61.57	61.67	1.19	ppb
Sulfur	34-1	-1214.06	-1164.09	-1159.01	-1179.05		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.37	0.37	0.37	0.37	0.96	ppb
Thallium	205-1	0.37	0.37	0.38	0.37	1.07	ppb
Tin	118-1	2.78	2.79	2.79	2.79	0.20	ppb
Titanium	47-1	784.64	789.28	779.33	784.42	0.63	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-16	Instrumnet Name :	P7
Client Sample ID :	MYE509	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:08:45	DataFile Name :	233SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.85	0.85	0.85	0.94	ppb
Vanadium	51-2	166.84	169.44	166.60	167.63	0.94	ppb
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	401.97	408.38	410.37	406.91	1.08	ppb
Zirconium	90-1	9.87	10.06	9.88	9.94	1.06	ppb
Zirconium	91-1	9.85	10.23	10.16	10.08	1.98	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-17	Instrumnet Name :	P7
Client Sample ID :	MYE510	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:11:43	DataFile Name :	234SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37783.78	36756.83	37993.49	37511.37	1.76	ppb
Antimony	121-1	2.23	2.29	2.22	2.25	1.79	ppb
Arsenic	75-2	145.61	146.61	147.11	146.44	0.52	ppb
Barium	135-1	522.86	531.49	523.40	525.92	0.92	ppb
Barium	137-1	523.00	525.91	524.57	524.49	0.28	ppb
Beryllium	9-1	1.66	1.84	1.81	1.77	5.41	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.13	2.96	3.32	3.14	5.77	ppb
Cadmium	106-1	1.13	0.85	0.89	0.95	15.95	ppb
Cadmium	111-1	3.04	3.10	3.05	3.06	0.93	ppb
Calcium	43-1	8489.80	8711.22	8523.31	8574.77	1.39	ppb
Calcium	44-1	8027.54	8004.57	7919.30	7983.81	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88.12	86.46	87.78	87.45	1.00	ppb
Cobalt	59-2	56.13	54.94	56.34	55.80	1.36	ppb
Copper	63-2	278.33	271.12	276.69	275.38	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	97837.41	94184.57	98763.76	96928.58	2.50	ppb
Iron	57-2	98597.22	95749.13	98940.73	97762.36	1.79	ppb
Iron	54-2	99120.03	96666.68	97866.06	97884.26	1.25	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-17	Instrumnet Name :	P7
Client Sample ID :	MYE510	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:11:43	DataFile Name :	234SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	114.27	113.99	114.44	114.23	0.20	ppb
Lead	207-1	115.32	113.09	113.23	113.88	1.10	ppb
Lead	208-1	114.12	113.23	113.16	113.50	0.47	ppb
Lithium	6-1				76		%
Magnesium	24-2	18606.51	17986.58	18654.09	18415.73	2.02	ppb
Manganese	55-2	2313.59	2252.99	2297.58	2288.05	1.37	ppb
Molybdenum	94-1	21.67	22.14	21.95	21.92	1.09	ppb
Molybdenum	95-1	1.20	1.22	1.22	1.21	0.99	ppb
Molybdenum	96-1	3.99	4.12	4.01	4.04	1.72	ppb
Molybdenum	97-1	1.22	1.18	1.22	1.20	2.00	ppb
Molybdenum	98-1	1.19	1.19	1.18	1.19	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.67	96.14	99.59	98.80	2.39	ppb
Phosphorus	31-2	2045.44	2012.74	2034.88	2031.02	0.82	ppb
Potassium	39-2	8103.50	7885.55	7893.42	7960.82	1.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	0.63	0.58	0.66	0.62	6.55	ppb
Selenium	77-2	20.56	20.87	17.95	19.79	8.10	ppb
Selenium	78-2	3.89	3.85	3.93	3.89	1.09	ppb
Silicon	28-1	2036.29	2059.15	2044.59	2046.68	0.57	ppb
Silver	107-1	0.64	0.64	0.63	0.64	0.60	ppb
Silver	109-1	0.62	0.63	0.63	0.63	0.91	ppb
Sodium	23-2	132.15	129.85	131.98	131.33	0.98	ppb
Strontium	86-1	71.24	72.13	71.15	71.50	0.76	ppb
Strontium	88-1	70.61	72.17	70.46	71.08	1.33	ppb
Sulfur	34-1	-1053.06	-1014.49	-1068.39	-1045.31		ppb
Terbium	159-1				113		%
Terbium	159-2				101		%
Thallium	203-1	0.49	0.49	0.50	0.49	0.88	ppb
Thallium	205-1	0.50	0.50	0.49	0.50	0.98	ppb
Tin	118-1	2.78	2.82	2.77	2.79	0.91	ppb
Titanium	47-1	860.51	860.67	848.92	856.70	0.79	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-17	Instrumnet Name :	P7
Client Sample ID :	MYE510	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:11:43	DataFile Name :	234SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.19	1.21	1.19	1.20	0.98	ppb
Vanadium	51-2	194.51	187.18	191.03	190.91	1.92	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	368.95	362.34	367.07	366.12	0.93	ppb
Zirconium	90-1	11.68	11.92	11.72	11.77	1.09	ppb
Zirconium	91-1	11.72	11.83	11.83	11.80	0.53	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-18	Instrumnet Name :	P7
Client Sample ID :	MYE511	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:14:45	DataFile Name :	235SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36911.83	38184.63	37006.89	37367.78	1.90	ppb
Antimony	121-1	1.56	1.59	1.56	1.57	1.07	ppb
Arsenic	75-2	159.64	156.33	158.94	158.31	1.10	ppb
Barium	135-1	538.10	538.37	535.58	537.35	0.29	ppb
Barium	137-1	537.20	539.95	529.27	535.47	1.03	ppb
Beryllium	9-1	1.57	1.65	1.69	1.63	3.75	ppb
Bismuth	209-1				116		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.39	3.44	3.07	3.30	6.01	ppb
Cadmium	106-1	0.59	1.55	0.69	0.94	56.09	ppb
Cadmium	111-1	3.17	3.15	3.25	3.19	1.78	ppb
Calcium	43-1	6625.49	6632.48	6777.18	6678.39	1.28	ppb
Calcium	44-1	6240.02	6166.44	6301.32	6235.93	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88.56	90.15	88.24	88.98	1.15	ppb
Cobalt	59-2	61.85	62.89	62.06	62.27	0.88	ppb
Copper	63-2	357.09	363.18	359.23	359.83	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	56-2	94453.16	97321.72	94633.80	95469.56	1.68	ppb
Iron	57-2	95331.82	96346.44	95601.53	95759.93	0.55	ppb
Iron	54-2	96185.19	98095.38	95342.64	96541.07	1.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-18	Instrumnet Name :	P7
Client Sample ID :	MYE511	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:14:45	DataFile Name :	235SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	110.01	112.41	110.94	111.12	1.09	ppb
Lead	207-1	111.01	113.90	111.69	112.20	1.34	ppb
Lead	208-1	109.90	113.58	112.36	111.95	1.67	ppb
Lithium	6-1				77		%
Magnesium	24-2	19949.45	20527.90	19769.73	20082.36	1.97	ppb
Manganese	55-2	2848.86	2887.70	2840.45	2859.00	0.88	ppb
Molybdenum	94-1	26.35	27.29	27.21	26.95	1.93	ppb
Molybdenum	95-1	1.04	1.02	1.06	1.04	1.99	ppb
Molybdenum	96-1	4.20	4.35	4.40	4.32	2.35	ppb
Molybdenum	97-1	1.00	1.00	1.02	1.00	1.12	ppb
Molybdenum	98-1	0.97	0.98	1.01	0.99	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.65	111.36	110.86	110.62	0.79	ppb
Phosphorus	31-2	2151.43	2159.28	2102.52	2137.74	1.44	ppb
Potassium	39-2	7081.63	7187.37	7103.88	7124.29	0.78	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	0.48	0.48	0.09	0.35	65.09	ppb
Selenium	77-2	17.89	15.83	18.29	17.34	7.61	ppb
Selenium	78-2	4.13	3.37	3.67	3.73	10.33	ppb
Silicon	28-1	2156.94	2182.42	2220.10	2186.49	1.45	ppb
Silver	107-1	0.91	0.94	0.94	0.93	1.79	ppb
Silver	109-1	0.90	0.92	0.93	0.92	1.88	ppb
Sodium	23-2	135.67	141.00	136.47	137.71	2.09	ppb
Strontium	86-1	61.61	63.22	63.11	62.65	1.44	ppb
Strontium	88-1	62.16	62.95	62.24	62.45	0.70	ppb
Sulfur	34-1	-1526.15	-1552.76	-1515.24	-1531.38		ppb
Terbium	159-1				115		%
Terbium	159-2				101		%
Thallium	203-1	0.48	0.47	0.48	0.48	1.39	ppb
Thallium	205-1	0.47	0.49	0.48	0.48	2.15	ppb
Tin	118-1	2.51	2.53	2.58	2.54	1.42	ppb
Titanium	47-1	953.20	966.75	977.17	965.71	1.24	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-18	Instrumnet Name :	P7
Client Sample ID :	MYE511	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:14:45	DataFile Name :	235SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.31	1.31	1.30	0.90	ppb
Vanadium	51-2	200.31	195.01	197.44	197.59	1.34	ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%
Zinc	66-2	343.14	351.96	347.18	347.43	1.27	ppb
Zirconium	90-1	14.37	14.72	14.68	14.59	1.30	ppb
Zirconium	91-1	14.42	14.85	14.71	14.66	1.49	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-19	Instrumnet Name :	P7
Client Sample ID :	MYE512	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:17:44	DataFile Name :	236SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39116.17	37307.17	37881.13	38101.49	2.43	ppb
Antimony	121-1	1.61	1.58	1.59	1.59	0.76	ppb
Arsenic	75-2	132.33	130.84	132.00	131.72	0.60	ppb
Barium	135-1	536.37	528.55	528.27	531.06	0.87	ppb
Barium	137-1	536.16	532.79	533.48	534.14	0.33	ppb
Beryllium	9-1	1.64	1.60	1.66	1.63	1.87	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.53	3.27	3.44	3.41	3.90	ppb
Cadmium	106-1	1.32	0.48	0.79	0.87	48.84	ppb
Cadmium	111-1	3.39	3.37	3.33	3.36	0.96	ppb
Calcium	43-1	6702.75	6620.64	6645.56	6656.31	0.63	ppb
Calcium	44-1	6214.16	6132.28	6233.88	6193.44	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.56	91.49	93.07	93.04	1.65	ppb
Cobalt	59-2	62.20	60.81	61.90	61.64	1.18	ppb
Copper	63-2	392.60	378.84	392.27	387.90	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	99456.45	97161.26	99027.65	98548.45	1.24	ppb
Iron	57-2	98879.97	97625.16	98438.39	98314.50	0.65	ppb
Iron	54-2	101712.70	97898.33	99320.98	99644.00	1.93	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-19	Instrumnet Name :	P7
Client Sample ID :	MYE512	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:17:44	DataFile Name :	236SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	134.71	136.93	134.13	135.26	1.09	ppb
Lead	207-1	137.20	138.28	136.03	137.17	0.82	ppb
Lead	208-1	135.39	136.52	134.05	135.32	0.91	ppb
Lithium	6-1				76		%
Magnesium	24-2	22731.36	22193.81	22209.81	22378.33	1.37	ppb
Manganese	55-2	2649.32	2586.20	2614.65	2616.72	1.21	ppb
Molybdenum	94-1	23.42	22.92	23.19	23.18	1.10	ppb
Molybdenum	95-1	0.93	0.93	0.94	0.93	0.89	ppb
Molybdenum	96-1	3.81	3.86	3.84	3.84	0.59	ppb
Molybdenum	97-1	0.86	0.92	0.91	0.89	3.78	ppb
Molybdenum	98-1	0.90	0.88	0.90	0.89	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.28	117.39	118.93	118.53	0.85	ppb
Phosphorus	31-2	2057.33	2021.66	2072.76	2050.58	1.28	ppb
Potassium	39-2	6695.94	6603.98	6708.55	6669.49	0.86	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.40	0.69	0.09	0.39	76.18	ppb
Selenium	77-2	18.95	17.22	17.50	17.89	5.19	ppb
Selenium	78-2	3.83	3.33	3.58	3.58	7.04	ppb
Silicon	28-1	2411.83	2381.07	2382.00	2391.63	0.73	ppb
Silver	107-1	0.71	0.71	0.72	0.72	1.16	ppb
Silver	109-1	0.72	0.70	0.71	0.71	1.62	ppb
Sodium	23-2	128.75	127.93	127.28	127.99	0.57	ppb
Strontium	86-1	61.93	61.31	61.99	61.74	0.61	ppb
Strontium	88-1	62.62	61.71	61.00	61.78	1.31	ppb
Sulfur	34-1	-1574.01	-1607.55	-1568.74	-1583.43		ppb
Terbium	159-1				114		%
Terbium	159-2				102		%
Thallium	203-1	0.53	0.54	0.53	0.53	0.93	ppb
Thallium	205-1	0.52	0.53	0.52	0.52	1.54	ppb
Tin	118-1	2.36	2.33	2.36	2.35	0.74	ppb
Titanium	47-1	907.24	902.22	892.37	900.61	0.84	ppb

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-19	Instrumnet Name :	P7
Client Sample ID :	MYE512	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:17:44	DataFile Name :	236SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.26	1.24	1.24	0.92	ppb
Vanadium	51-2	202.78	196.77	196.59	198.71	1.77	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	357.10	349.66	355.57	354.11	1.11	ppb
Zirconium	90-1	12.66	12.52	12.45	12.54	0.83	ppb
Zirconium	91-1	12.69	12.67	12.67	12.68	0.11	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-20	Instrumnet Name :	P7
Client Sample ID :	MYE513	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:20:45	DataFile Name :	237SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35862.70	35880.32	36465.09	36069.37	0.95	ppb
Antimony	121-1	1.93	1.99	1.97	1.96	1.29	ppb
Arsenic	75-2	154.35	156.25	155.06	155.22	0.62	ppb
Barium	135-1	484.60	483.82	478.40	482.27	0.70	ppb
Barium	137-1	470.84	478.69	472.60	474.04	0.87	ppb
Beryllium	9-1	1.63	1.80	1.58	1.67	6.81	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.63	3.50	3.31	3.48	4.64	ppb
Cadmium	106-1	0.86	1.00	0.64	0.83	21.95	ppb
Cadmium	111-1	3.20	3.28	3.18	3.22	1.56	ppb
Calcium	43-1	6083.22	6149.68	6007.96	6080.29	1.17	ppb
Calcium	44-1	5640.28	5693.20	5613.72	5649.07	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.22	95.00	95.37	94.53	1.21	ppb
Cobalt	59-2	59.13	59.79	60.51	59.81	1.15	ppb
Copper	63-2	352.11	349.27	355.61	352.33	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	108178.76	108547.45	110442.98	109056.40	1.11	ppb
Iron	57-2	107659.00	108504.04	109547.99	108570.34	0.87	ppb
Iron	54-2	108110.04	110908.00	109703.59	109573.88	1.28	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-20	Instrumnet Name :	P7
Client Sample ID :	MYE513	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:20:45	DataFile Name :	237SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	134.67	135.16	136.20	135.34	0.58	ppb
Lead	207-1	136.68	138.75	137.99	137.81	0.76	ppb
Lead	208-1	136.14	137.21	136.01	136.45	0.48	ppb
Lithium	6-1				77		%
Magnesium	24-2	19241.51	19663.42	19695.18	19533.37	1.30	ppb
Manganese	55-2	2690.86	2744.41	2755.58	2730.28	1.27	ppb
Molybdenum	94-1	19.95	19.96	19.72	19.88	0.68	ppb
Molybdenum	95-1	1.16	1.16	1.17	1.16	0.60	ppb
Molybdenum	96-1	3.86	3.83	3.78	3.83	1.13	ppb
Molybdenum	97-1	1.15	1.13	1.11	1.13	1.53	ppb
Molybdenum	98-1	1.14	1.11	1.12	1.12	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.71	106.20	107.14	106.35	0.68	ppb
Phosphorus	31-2	1895.98	2005.37	1984.60	1961.98	2.96	ppb
Potassium	39-2	7460.13	7569.65	7606.01	7545.26	1.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.85	0.37	0.36	0.53	53.07	ppb
Selenium	77-2	16.78	16.87	18.95	17.54	7.00	ppb
Selenium	78-2	2.92	3.02	3.82	3.25	15.15	ppb
Silicon	28-1	2172.27	2181.78	2172.33	2175.46	0.25	ppb
Silver	107-1	0.65	0.62	0.64	0.64	2.16	ppb
Silver	109-1	0.65	0.64	0.64	0.64	1.11	ppb
Sodium	23-2	133.29	134.54	135.68	134.51	0.89	ppb
Strontium	86-1	57.80	57.43	57.11	57.45	0.60	ppb
Strontium	88-1	58.44	57.19	56.98	57.54	1.37	ppb
Sulfur	34-1	-1420.46	-1402.46	-1444.83	-1422.58		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.75	0.76	0.76	0.76	0.91	ppb
Thallium	205-1	0.75	0.75	0.75	0.75	0.46	ppb
Tin	118-1	2.34	2.40	2.38	2.37	1.14	ppb
Titanium	47-1	920.68	938.26	921.40	926.78	1.07	ppb

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LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-20	Instrumnet Name :	P7
Client Sample ID :	MYE513	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:20:45	DataFile Name :	237SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.17	1.17	1.16	1.01	ppb
Vanadium	51-2	216.24	222.11	217.62	218.66	1.40	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	371.76	371.49	377.98	373.75	0.98	ppb
Zirconium	90-1	10.70	10.71	10.57	10.66	0.71	ppb
Zirconium	91-1	10.75	10.71	10.67	10.71	0.36	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-21	Instrumnet Name :	P7
Client Sample ID :	MYE514	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:23:46	DataFile Name :	238SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33593.90	31055.29	33428.49	32692.56	4.34	ppb
Antimony	121-1	2.04	1.98	2.04	2.02	1.64	ppb
Arsenic	75-2	286.84	299.97	290.98	292.59	2.29	ppb
Barium	135-1	516.30	511.23	518.85	515.46	0.75	ppb
Barium	137-1	512.61	506.54	516.81	511.99	1.01	ppb
Beryllium	9-1	1.51	1.48	1.45	1.48	2.10	ppb
Bismuth	209-1				114		%
Bismuth	209-2				32		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.24	2.97	3.17	3.13	4.36	ppb
Cadmium	106-1	1.16	0.82	1.49	1.16	28.96	ppb
Cadmium	111-1	3.24	3.23	3.32	3.26	1.49	ppb
Calcium	43-1	6704.33	6837.05	6810.92	6784.10	1.04	ppb
Calcium	44-1	6320.21	6279.36	6361.72	6320.43	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.62	71.75	73.34	72.90	1.39	ppb
Cobalt	59-2	44.39	43.01	42.75	43.38	2.03	ppb
Copper	63-2	316.45	303.06	302.35	307.29	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				39		%
Indium	115-1				105		%
Indium	115-2				55		%
Iron	56-2	84897.61	82948.35	85085.23	84310.40	1.40	ppb
Iron	57-2	88122.00	81629.11	83036.17	84262.43	4.05	ppb
Iron	54-2	85704.37	84968.95	87548.00	86073.77	1.54	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-21	Instrumnet Name :	P7
Client Sample ID :	MYE514	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:23:46	DataFile Name :	238SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	130.69	134.28	133.60	132.86	1.43	ppb
Lead	207-1	132.34	134.17	136.31	134.27	1.48	ppb
Lead	208-1	132.02	133.40	134.13	133.18	0.80	ppb
Lithium	6-1				76		%
Magnesium	24-2	16107.39	14995.39	15902.01	15668.27	3.78	ppb
Manganese	55-2	2991.79	2955.60	3083.24	3010.21	2.19	ppb
Molybdenum	94-1	20.01	19.82	20.05	19.96	0.61	ppb
Molybdenum	95-1	1.01	1.03	1.01	1.02	0.69	ppb
Molybdenum	96-1	3.51	3.49	3.43	3.47	1.20	ppb
Molybdenum	97-1	1.00	1.02	1.00	1.01	1.01	ppb
Molybdenum	98-1	0.98	0.99	0.97	0.98	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.10	77.14	78.71	78.31	1.33	ppb
Phosphorus	31-2	3683.44	3721.51	3605.97	3670.31	1.60	ppb
Potassium	39-2	7026.48	6647.11	6891.77	6855.12	2.81	ppb
Rhodium	103-1				101		%
Rhodium	103-2				61		%
Scandium	45-1				95		%
Scandium	45-2				84		%
Selenium	82-1	0.41	0.35	0.41	0.39	8.93	ppb
Selenium	77-2	33.63	30.93	38.13	34.23	10.62	ppb
Selenium	78-2	11.80	12.76	12.68	12.41	4.28	ppb
Silicon	28-1	2057.18	2071.18	2029.41	2052.59	1.04	ppb
Silver	107-1	0.73	0.73	0.77	0.74	3.44	ppb
Silver	109-1	0.74	0.74	0.78	0.75	3.40	ppb
Sodium	23-2	248.90	239.11	217.71	235.24	6.78	ppb
Strontium	86-1	61.44	61.39	62.80	61.88	1.29	ppb
Strontium	88-1	61.66	61.29	60.38	61.11	1.07	ppb
Sulfur	34-1	-1394.85	-1402.84	-1417.98	-1405.22		ppb
Terbium	159-1				114		%
Terbium	159-2				41		%
Thallium	203-1	0.46	0.46	0.48	0.47	2.51	ppb
Thallium	205-1	0.45	0.46	0.46	0.46	1.78	ppb
Tin	118-1	2.48	2.45	2.52	2.48	1.50	ppb
Titanium	47-1	736.87	745.64	746.66	743.06	0.72	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-21	Instrumnet Name :	P7
Client Sample ID :	MYE514	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:23:46	DataFile Name :	238SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.06	1.07	1.06	1.37	ppb
Vanadium	51-2	170.36	163.88	167.04	167.09	1.94	ppb
Yttrium	89-1				107		%
Yttrium	89-2				69		%
Zinc	66-2	446.19	443.30	426.37	438.62	2.44	ppb
Zirconium	90-1	10.80	10.71	10.64	10.72	0.74	ppb
Zirconium	91-1	10.88	10.69	10.83	10.80	0.95	ppb

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LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-22	Instrumnet Name :	P7
Client Sample ID :	MYE515	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:26:48	DataFile Name :	239SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34214.80	33958.08	34638.92	34270.60	1.00	ppb
Antimony	121-1	1.13	1.07	1.07	1.09	2.93	ppb
Arsenic	75-2	105.40	104.20	105.43	105.01	0.67	ppb
Barium	135-1	553.30	523.44	520.26	532.34	3.42	ppb
Barium	137-1	542.44	517.80	524.21	528.15	2.42	ppb
Beryllium	9-1	1.38	1.21	1.48	1.35	10.04	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.37	1.27	1.25	1.30	4.76	ppb
Cadmium	106-1	0.56	0.12	0.53	0.40	60.84	ppb
Cadmium	111-1	1.02	0.97	0.96	0.98	2.91	ppb
Calcium	43-1	115922.26	115610.36	111416.89	114316.50	2.20	ppb
Calcium	44-1	115556.46	112271.46	109745.62	112524.51	2.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74.51	74.41	75.43	74.78	0.75	ppb
Cobalt	59-2	62.48	62.54	63.89	62.97	1.26	ppb
Copper	63-2	118.94	117.45	120.46	118.95	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	72401.79	72401.76	73706.13	72836.56	1.03	ppb
Iron	57-2	73255.03	73129.75	74181.76	73522.18	0.78	ppb
Iron	54-2	73069.61	73251.42	74584.40	73635.14	1.12	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-22	Instrumnet Name :	P7
Client Sample ID :	MYE515	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:26:48	DataFile Name :	239SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.91	33.93	33.47	34.10	2.16	ppb
Lead	207-1	34.10	33.32	32.41	33.28	2.54	ppb
Lead	208-1	34.08	33.10	32.96	33.38	1.83	ppb
Lithium	6-1				75		%
Magnesium	24-2	17134.66	17066.32	17442.73	17214.57	1.16	ppb
Manganese	55-2	2914.19	2936.51	3004.58	2951.76	1.60	ppb
Molybdenum	94-1	17.99	17.62	17.56	17.72	1.33	ppb
Molybdenum	95-1	1.23	1.12	1.15	1.17	4.49	ppb
Molybdenum	96-1	3.43	3.37	3.36	3.39	1.12	ppb
Molybdenum	97-1	1.14	1.15	1.12	1.14	1.50	ppb
Molybdenum	98-1	1.17	1.13	1.11	1.14	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.30	104.19	106.73	105.41	1.21	ppb
Phosphorus	31-2	2162.80	2178.20	2174.77	2171.93	0.37	ppb
Potassium	39-2	6031.61	6046.40	6089.48	6055.83	0.50	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.44	-0.21	0.26	0.16	206.28	ppb
Selenium	77-2	18.54	16.36	15.27	16.72	9.96	ppb
Selenium	78-2	3.70	3.83	3.21	3.58	9.16	ppb
Silicon	28-1	1887.50	1851.77	1834.53	1857.93	1.45	ppb
Silver	107-1	0.22	0.20	0.20	0.21	4.62	ppb
Silver	109-1	0.22	0.20	0.20	0.21	5.47	ppb
Sodium	23-2	123.61	123.14	127.81	124.85	2.06	ppb
Strontium	86-1	92.52	91.05	89.96	91.18	1.41	ppb
Strontium	88-1	92.13	89.75	89.31	90.40	1.68	ppb
Sulfur	34-1	-431.19	-481.83	-479.23	-464.08		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.37	0.35	0.34	0.35	3.44	ppb
Thallium	205-1	0.36	0.34	0.34	0.35	2.74	ppb
Tin	118-1	1.92	1.84	1.87	1.87	2.18	ppb
Titanium	47-1	783.37	732.91	746.55	754.28	3.46	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-22	Instrumnet Name :	P7
Client Sample ID :	MYE515	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:26:48	DataFile Name :	239SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.88	0.89	0.89	1.15	ppb
Vanadium	51-2	143.65	143.13	146.03	144.27	1.07	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	155.80	156.73	160.66	157.73	1.64	ppb
Zirconium	90-1	9.55	9.27	9.45	9.42	1.53	ppb
Zirconium	91-1	9.75	9.51	9.54	9.60	1.33	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:29:52	DataFile Name :	240SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9693.47	9891.79	9667.31	9750.86	1.26	ppb
Antimony	121-1	0.30	0.29	0.30	0.30	1.09	ppb
Arsenic	75-2	30.00	29.69	29.76	29.81	0.54	ppb
Barium	135-1	150.08	148.42	151.91	150.14	1.16	ppb
Barium	137-1	150.11	148.11	150.39	149.54	0.83	ppb
Beryllium	9-1	0.46	0.44	0.42	0.44	5.29	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.58	0.49	0.70	0.59	18.25	ppb
Cadmium	106-1	-1.04	-1.51	-1.38	-1.31		ppb
Cadmium	111-1	0.48	0.49	0.47	0.48	2.13	ppb
Calcium	43-1	2396.95	2394.11	2421.56	2404.21	0.63	ppb
Calcium	44-1	2240.92	2222.47	2268.38	2243.93	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.29	26.39	26.20	26.29	0.36	ppb
Cobalt	59-2	14.21	14.36	14.21	14.26	0.62	ppb
Copper	63-2	59.97	60.16	59.22	59.78	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	23920.72	24252.84	23760.71	23978.09	1.05	ppb
Iron	57-2	23822.50	24126.95	23933.34	23960.93	0.64	ppb
Iron	54-2	24157.58	24428.72	24249.40	24278.57	0.57	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:29:52	DataFile Name :	240SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.18	20.90	21.32	21.13	1.03	ppb
Lead	207-1	21.21	20.99	20.93	21.04	0.70	ppb
Lead	208-1	21.07	20.82	21.07	20.99	0.68	ppb
Lithium	6-1				76		%
Magnesium	24-2	4529.44	4602.13	4472.48	4534.68	1.43	ppb
Manganese	55-2	1133.56	1140.34	1120.36	1131.42	0.90	ppb
Molybdenum	94-1	4.53	4.55	4.61	4.56	0.97	ppb
Molybdenum	95-1	0.25	0.26	0.24	0.25	3.19	ppb
Molybdenum	96-1	0.85	0.87	0.86	0.86	1.24	ppb
Molybdenum	97-1	0.24	0.25	0.23	0.24	5.34	ppb
Molybdenum	98-1	0.24	0.24	0.24	0.24	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.39	24.71	24.30	24.47	0.87	ppb
Phosphorus	31-2	443.90	460.37	430.23	444.83	3.39	ppb
Potassium	39-2	1933.30	1945.80	1936.91	1938.67	0.33	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.00	-0.11	-0.27	-0.13		ppb
Selenium	77-2	3.34	4.28	3.57	3.73	13.18	ppb
Selenium	78-2	0.29	1.20	1.18	0.89	58.04	ppb
Silicon	28-1	533.69	540.11	538.19	537.33	0.61	ppb
Silver	107-1	0.11	0.11	0.11	0.11	3.04	ppb
Silver	109-1	0.11	0.11	0.11	0.11	0.52	ppb
Sodium	23-2	44.09	45.38	43.65	44.37	2.03	ppb
Strontium	86-1	17.61	17.61	17.56	17.59	0.17	ppb
Strontium	88-1	17.76	17.76	17.71	17.74	0.17	ppb
Sulfur	34-1	-626.43	-669.33	-719.42	-671.73		ppb
Terbium	159-1				113		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.10	0.10	0.10	1.46	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	2.84	ppb
Tin	118-1	0.51	0.52	0.51	0.51	0.39	ppb
Titanium	47-1	203.46	201.45	204.79	203.23	0.83	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:29:52	DataFile Name :	240SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.26	0.25	0.26	1.73	ppb
Vanadium	51-2	47.44	48.13	46.98	47.52	1.21	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	71.59	72.03	71.62	71.75	0.35	ppb
Zirconium	90-1	2.45	2.47	2.43	2.45	0.86	ppb
Zirconium	91-1	2.43	2.48	2.44	2.45	0.93	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:33:03	DataFile Name :	241SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9752.73	9735.26	9684.31	9724.10	0.37	ppb
Antimony	121-1	0.28	0.27	0.27	0.28	2.05	ppb
Arsenic	75-2	28.45	28.19	29.13	28.59	1.68	ppb
Barium	135-1	158.63	154.31	155.41	156.12	1.44	ppb
Barium	137-1	158.69	154.82	154.67	156.06	1.46	ppb
Beryllium	9-1	0.39	0.43	0.42	0.41	4.14	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.52	0.62	0.60	0.58	9.03	ppb
Cadmium	106-1	-1.17	-2.03	-2.73	-1.98		ppb
Cadmium	111-1	0.51	0.46	0.47	0.48	5.28	ppb
Calcium	43-1	2384.59	2440.98	2415.24	2413.60	1.17	ppb
Calcium	44-1	2205.59	2247.33	2227.27	2226.73	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.58	25.84	25.82	25.75	0.56	ppb
Cobalt	59-2	14.12	14.09	14.12	14.11	0.11	ppb
Copper	63-2	58.80	59.34	58.80	58.98	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	23316.47	23231.44	23380.02	23309.31	0.32	ppb
Iron	57-2	23478.19	23213.66	23484.13	23391.99	0.66	ppb
Iron	54-2	23446.65	23547.06	23398.93	23464.21	0.32	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:33:03	DataFile Name :	241SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.81	21.72	21.64	21.72	0.38	ppb
Lead	207-1	21.98	21.54	21.77	21.76	1.02	ppb
Lead	208-1	21.73	21.53	21.60	21.62	0.47	ppb
Lithium	6-1				79		%
Magnesium	24-2	4460.43	4483.93	4581.28	4508.55	1.42	ppb
Manganese	55-2	1150.85	1163.90	1156.87	1157.21	0.56	ppb
Molybdenum	94-1	4.61	4.59	4.65	4.62	0.60	ppb
Molybdenum	95-1	0.25	0.25	0.25	0.25	0.29	ppb
Molybdenum	96-1	0.84	0.84	0.89	0.85	3.51	ppb
Molybdenum	97-1	0.23	0.24	0.25	0.24	5.00	ppb
Molybdenum	98-1	0.24	0.22	0.23	0.23	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.12	24.28	24.07	24.16	0.44	ppb
Phosphorus	31-2	454.56	436.50	433.62	441.56	2.57	ppb
Potassium	39-2	1967.26	1926.95	1929.23	1941.15	1.17	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	-0.36	-0.09	0.01	-0.15		ppb
Selenium	77-2	5.11	4.44	5.07	4.87	7.67	ppb
Selenium	78-2	1.09	0.32	0.24	0.55	85.75	ppb
Silicon	28-1	543.16	551.64	553.25	549.35	0.99	ppb
Silver	107-1	0.12	0.11	0.11	0.11	4.27	ppb
Silver	109-1	0.12	0.12	0.11	0.12	1.46	ppb
Sodium	23-2	44.25	43.54	44.32	44.04	0.98	ppb
Strontium	86-1	17.61	17.41	17.89	17.64	1.37	ppb
Strontium	88-1	17.84	17.57	17.85	17.75	0.90	ppb
Sulfur	34-1	-988.47	-1014.73	-1107.69	-1036.96		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.10	0.10	0.10	2.01	ppb
Thallium	205-1	0.11	0.11	0.10	0.10	0.48	ppb
Tin	118-1	0.55	0.55	0.57	0.56	2.14	ppb
Titanium	47-1	197.58	198.83	198.83	198.41	0.37	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:33:03	DataFile Name :	241SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.25	0.25	0.25	0.39	ppb
Vanadium	51-2	46.25	46.49	46.13	46.29	0.39	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	72.34	72.35	71.63	72.10	0.57	ppb
Zirconium	90-1	2.50	2.44	2.50	2.48	1.48	ppb
Zirconium	91-1	2.46	2.52	2.53	2.50	1.44	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5F5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 11:36:12	DataFile Name :	242SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2001.21	2005.87	2012.31	2006.46	0.28	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	6.91	ppb
Arsenic	75-2	5.88	6.03	5.93	5.95	1.21	ppb
Barium	135-1	30.41	30.45	30.03	30.30	0.77	ppb
Barium	137-1	30.17	30.60	30.02	30.26	0.99	ppb
Beryllium	9-1	0.06	0.08	0.06	0.07	20.35	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.15	0.08	0.12	30.12	ppb
Cadmium	106-1	-2.42	-2.92	-3.63	-2.99		ppb
Cadmium	111-1	0.07	0.06	0.07	0.07	8.33	ppb
Calcium	43-1	488.44	490.45	484.22	487.70	0.65	ppb
Calcium	44-1	467.92	465.79	470.11	467.94	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.33	5.26	5.37	5.32	1.07	ppb
Cobalt	59-2	2.89	2.84	2.94	2.89	1.75	ppb
Copper	63-2	13.90	13.67	13.88	13.82	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	4843.37	4777.70	4866.59	4829.22	0.95	ppb
Iron	57-2	5074.97	5053.74	5118.75	5082.49	0.65	ppb
Iron	54-2	4896.12	4795.55	4890.86	4860.84	1.16	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5F5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 11:36:12	DataFile Name :	242SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.24	4.31	4.26	4.27	0.81	ppb
Lead	207-1	4.27	4.31	4.29	4.29	0.49	ppb
Lead	208-1	4.22	4.25	4.22	4.23	0.47	ppb
Lithium	6-1				79		%
Magnesium	24-2	916.75	910.69	925.89	917.77	0.83	ppb
Manganese	55-2	223.00	227.33	228.79	226.37	1.33	ppb
Molybdenum	94-1	0.90	0.92	0.89	0.91	1.47	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.05	14.44	ppb
Molybdenum	96-1	0.17	0.18	0.17	0.17	4.74	ppb
Molybdenum	97-1	0.04	0.04	0.05	0.04	5.74	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.06	5.04	5.24	5.12	2.18	ppb
Phosphorus	31-2	73.59	85.84	72.94	77.46	9.38	ppb
Potassium	39-2	415.95	413.40	419.57	416.31	0.75	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	-0.36	-0.05	0.04	-0.12		ppb
Selenium	77-2	0.53	0.79	0.54	0.62	24.03	ppb
Selenium	78-2	-0.22	0.14	0.04	-0.01		ppb
Silicon	28-1	104.25	104.50	103.75	104.17	0.37	ppb
Silver	107-1	0.02	0.02	0.02	0.02	7.54	ppb
Silver	109-1	0.02	0.02	0.02	0.02	2.23	ppb
Sodium	23-2	13.98	14.53	14.33	14.28	1.97	ppb
Strontium	86-1	3.56	3.52	3.64	3.58	1.70	ppb
Strontium	88-1	3.57	3.60	3.61	3.59	0.59	ppb
Sulfur	34-1	-1355.55	-1339.31	-1318.24	-1337.70		ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.01	0.02	18.35	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.10	ppb
Tin	118-1	0.09	0.11	0.11	0.10	10.93	ppb
Titanium	47-1	41.54	41.45	41.42	41.47	0.16	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5F5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 11:36:12	DataFile Name :	242SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	1.97	ppb
Vanadium	51-2	9.53	9.49	9.62	9.55	0.73	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	14.71	14.54	14.97	14.74	1.47	ppb
Zirconium	90-1	0.48	0.48	0.49	0.48	1.31	ppb
Zirconium	91-1	0.49	0.49	0.49	0.49	0.97	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:39:27	DataFile Name :	243SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9567.16	9588.09	9724.29	9626.52	0.89	ppb
Antimony	121-1	14.26	14.27	14.14	14.22	0.50	ppb
Arsenic	75-2	32.74	33.99	33.58	33.44	1.91	ppb
Barium	135-1	416.18	422.94	416.61	418.58	0.90	ppb
Barium	137-1	421.84	423.96	417.43	421.08	0.79	ppb
Beryllium	9-1	7.28	7.16	7.25	7.23	0.82	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.38	6.79	6.51	6.89	6.43	ppb
Cadmium	106-1	4.29	3.86	3.72	3.96	7.47	ppb
Cadmium	111-1	7.34	7.35	7.49	7.39	1.14	ppb
Calcium	43-1	2285.10	2323.60	2343.77	2317.49	1.29	ppb
Calcium	44-1	2141.37	2140.74	2130.34	2137.48	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.20	54.96	55.18	55.11	0.24	ppb
Cobalt	59-2	88.68	89.57	88.54	88.93	0.63	ppb
Copper	63-2	92.97	93.46	94.04	93.49	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	23080.49	22886.48	23304.52	23090.50	0.91	ppb
Iron	57-2	23142.98	23136.53	23066.38	23115.30	0.18	ppb
Iron	54-2	23245.10	23029.78	23279.38	23184.75	0.58	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:39:27	DataFile Name :	243SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.32	23.03	23.59	23.31	1.19	ppb
Lead	207-1	23.09	23.00	23.32	23.14	0.70	ppb
Lead	208-1	23.07	22.85	23.35	23.09	1.08	ppb
Lithium	6-1				82		%
Magnesium	24-2	4349.28	4328.43	4362.76	4346.82	0.40	ppb
Manganese	55-2	1152.21	1144.33	1158.50	1151.68	0.62	ppb
Molybdenum	94-1	4.27	4.47	4.26	4.33	2.77	ppb
Molybdenum	95-1	0.26	0.25	0.25	0.25	3.50	ppb
Molybdenum	96-1	0.84	0.83	0.82	0.83	1.54	ppb
Molybdenum	97-1	0.23	0.23	0.24	0.24	2.78	ppb
Molybdenum	98-1	0.23	0.24	0.22	0.23	4.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.70	100.22	99.83	99.91	0.27	ppb
Phosphorus	31-2	425.74	419.24	442.33	429.10	2.78	ppb
Potassium	39-2	1862.29	1825.81	1833.77	1840.62	1.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	17.85	18.21	18.55	18.20	1.94	ppb
Selenium	77-2	20.54	21.27	20.28	20.70	2.49	ppb
Selenium	78-2	17.83	19.11	18.79	18.58	3.60	ppb
Silicon	28-1	522.98	525.20	535.09	527.76	1.22	ppb
Silver	107-1	6.03	6.01	5.96	6.00	0.57	ppb
Silver	109-1	6.07	5.99	5.97	6.01	0.92	ppb
Sodium	23-2	36.02	36.62	37.08	36.58	1.46	ppb
Strontium	86-1	16.66	16.95	16.96	16.86	1.01	ppb
Strontium	88-1	16.88	17.15	16.98	17.00	0.80	ppb
Sulfur	34-1	-1282.97	-1337.36	-1365.63	-1328.65		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	7.01	7.05	7.23	7.09	1.66	ppb
Thallium	205-1	7.03	6.96	7.16	7.05	1.46	ppb
Tin	118-1	0.46	0.48	0.48	0.47	2.25	ppb
Titanium	47-1	193.47	195.47	197.60	195.51	1.06	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:39:27	DataFile Name :	243SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.25	0.25	1.12	ppb
Vanadium	51-2	118.03	117.43	118.31	117.93	0.38	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	142.92	141.63	144.31	142.95	0.94	ppb
Zirconium	90-1	2.30	2.33	2.32	2.32	0.65	ppb
Zirconium	91-1	2.33	2.36	2.35	2.35	0.60	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:42:32	DataFile Name :	244SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10515.96	10665.16	10768.29	10649.80	1.19	ppb
Antimony	121-1	68.59	68.93	67.24	68.25	1.31	ppb
Arsenic	75-2	55.76	55.92	55.57	55.75	0.31	ppb
Barium	135-1	1515.25	1505.37	1470.37	1497.00	1.58	ppb
Barium	137-1	1510.51	1512.53	1483.06	1502.03	1.10	ppb
Beryllium	9-1	35.36	35.62	34.91	35.30	1.02	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.07	31.78	31.81	31.89	0.51	ppb
Cadmium	106-1	28.86	28.44	27.97	28.42	1.56	ppb
Cadmium	111-1	35.17	35.01	35.44	35.21	0.62	ppb
Calcium	43-1	2276.21	2269.79	2288.81	2278.27	0.42	ppb
Calcium	44-1	2225.21	2207.75	2231.85	2221.60	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	171.02	171.11	173.80	171.98	0.92	ppb
Cobalt	59-2	379.51	387.24	392.68	386.48	1.71	ppb
Copper	63-2	238.06	234.68	242.42	238.39	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	23224.92	23529.56	23782.04	23512.17	1.19	ppb
Iron	57-2	23436.51	23412.34	24156.47	23668.44	1.79	ppb
Iron	54-2	23732.63	23928.33	23900.01	23853.66	0.44	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:42:32	DataFile Name :	244SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.00	34.23	34.70	34.64	1.11	ppb
Lead	207-1	34.49	34.34	34.53	34.45	0.29	ppb
Lead	208-1	34.57	33.99	34.38	34.31	0.86	ppb
Lithium	6-1				80		%
Magnesium	24-2	4268.86	4335.51	4397.76	4334.04	1.49	ppb
Manganese	55-2	1415.37	1434.72	1429.80	1426.63	0.70	ppb
Molybdenum	94-1	4.54	4.37	4.46	4.46	1.85	ppb
Molybdenum	95-1	0.26	0.26	0.26	0.26	1.08	ppb
Molybdenum	96-1	0.86	0.83	0.85	0.85	2.21	ppb
Molybdenum	97-1	0.26	0.23	0.24	0.24	6.03	ppb
Molybdenum	98-1	0.25	0.25	0.25	0.25	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	398.35	405.55	415.62	406.51	2.13	ppb
Phosphorus	31-2	424.79	441.28	432.27	432.78	1.91	ppb
Potassium	39-2	1817.34	1837.67	1873.53	1842.85	1.54	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	82.07	80.60	80.21	80.96	1.21	ppb
Selenium	77-2	81.55	85.67	82.82	83.34	2.53	ppb
Selenium	78-2	78.65	82.32	81.60	80.86	2.41	ppb
Silicon	28-1	523.79	516.58	523.63	521.33	0.79	ppb
Silver	107-1	29.62	29.29	29.40	29.44	0.56	ppb
Silver	109-1	29.40	29.20	29.25	29.28	0.37	ppb
Sodium	23-2	35.90	36.15	36.77	36.28	1.23	ppb
Strontium	86-1	17.19	16.94	17.05	17.06	0.72	ppb
Strontium	88-1	17.23	16.86	16.95	17.01	1.13	ppb
Sulfur	34-1	-1458.08	-1445.85	-1432.15	-1445.36		ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	35.49	34.76	35.19	35.14	1.04	ppb
Thallium	205-1	33.61	33.30	33.98	33.63	1.02	ppb
Tin	118-1	0.50	0.51	0.50	0.51	1.57	ppb
Titanium	47-1	193.41	190.53	193.07	192.34	0.82	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:42:32	DataFile Name :	244SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.24	0.24	0.24	0.45	ppb
Vanadium	51-2	396.67	403.73	405.73	402.04	1.18	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	436.74	443.38	449.99	443.37	1.49	ppb
Zirconium	90-1	2.39	2.36	2.39	2.38	0.71	ppb
Zirconium	91-1	2.38	2.40	2.40	2.39	0.59	ppb

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06A	Instrumnet Name :	P7
Client Sample ID :	MYE4W5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:45:32	DataFile Name :	245SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40575.20	41731.10	41905.64	41403.98	1.75	ppb
Antimony	121-1	2.85	2.80	2.90	2.85	1.65	ppb
Arsenic	75-2	559.75	554.12	561.31	558.39	0.68	ppb
Barium	135-1	570.50	569.32	580.68	573.50	1.09	ppb
Barium	137-1	579.51	571.88	582.60	578.00	0.96	ppb
Beryllium	9-1	1.46	1.54	1.57	1.52	3.83	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.72	4.74	4.70	4.72	0.34	ppb
Cadmium	106-1	4.50	3.01	3.10	3.53	23.68	ppb
Cadmium	111-1	4.44	4.42	4.46	4.44	0.50	ppb
Calcium	43-1	11057.51	11224.09	11363.81	11215.14	1.37	ppb
Calcium	44-1	10392.39	10630.71	10521.31	10514.81	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.64	101.13	102.10	101.29	0.73	ppb
Cobalt	59-2	68.90	69.55	70.59	69.68	1.22	ppb
Copper	63-2	1668.18	1678.47	1693.89	1680.18	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	109650.19	111616.10	112354.00	111206.76	1.26	ppb
Iron	57-2	109213.73	110321.39	111356.31	110297.14	0.97	ppb
Iron	54-2	108780.90	111821.15	112876.45	111159.50	1.91	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06A	Instrumnet Name :	P7
Client Sample ID :	MYE4W5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:45:32	DataFile Name :	245SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	492.44	504.28	490.31	495.68	1.52	ppb
Lead	207-1	494.28	503.27	502.86	500.14	1.02	ppb
Lead	208-1	493.65	501.46	501.90	499.00	0.93	ppb
Lithium	6-1				78		%
Magnesium	24-2	24682.92	25346.23	25455.85	25161.67	1.66	ppb
Manganese	55-2	2321.48	2394.98	2397.97	2371.48	1.83	ppb
Molybdenum	94-1	40.19	40.57	40.46	40.41	0.49	ppb
Molybdenum	95-1	1.23	1.23	1.25	1.24	0.66	ppb
Molybdenum	96-1	6.06	6.03	6.13	6.07	0.92	ppb
Molybdenum	97-1	1.21	1.21	1.24	1.22	1.46	ppb
Molybdenum	98-1	1.20	1.20	1.20	1.20	0.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.53	130.02	130.63	129.39	1.27	ppb
Phosphorus	31-2	2682.86	2762.48	2768.88	2738.08	1.75	ppb
Potassium	39-2	5776.78	5890.30	5861.17	5842.75	1.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.64	0.80	1.26	0.90	36.01	ppb
Selenium	77-2	21.50	19.74	20.48	20.57	4.28	ppb
Selenium	78-2	4.87	4.78	5.34	5.00	6.02	ppb
Silicon	28-1	1653.39	1669.44	1694.30	1672.38	1.23	ppb
Silver	107-1	1.20	1.18	1.15	1.18	1.91	ppb
Silver	109-1	1.17	1.13	1.15	1.15	1.89	ppb
Sodium	23-2	125.98	129.24	133.33	129.51	2.84	ppb
Strontium	86-1	108.87	108.29	109.67	108.95	0.64	ppb
Strontium	88-1	109.56	109.11	107.75	108.80	0.87	ppb
Sulfur	34-1	-1134.54	-1118.48	-1109.99	-1121.00		ppb
Terbium	159-1				115		%
Terbium	159-2				102		%
Thallium	203-1	0.52	0.52	0.53	0.52	0.73	ppb
Thallium	205-1	0.52	0.53	0.53	0.53	1.46	ppb
Tin	118-1	3.50	3.46	3.52	3.49	1.00	ppb
Titanium	47-1	1104.74	1115.19	1112.15	1110.69	0.48	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06A	Instrumnet Name :	P7
Client Sample ID :	MYE4W5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:45:32	DataFile Name :	245SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.26	1.24	1.24	1.50	ppb
Vanadium	51-2	216.81	219.61	223.93	220.12	1.63	ppb
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	404.55	407.11	409.25	406.97	0.58	ppb
Zirconium	90-1	21.82	22.08	22.15	22.02	0.78	ppb
Zirconium	91-1	22.20	22.20	22.10	22.17	0.25	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10A	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:48:30	DataFile Name :	246SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35523.55	35937.51	36666.39	36042.48	1.61	ppb
Antimony	121-1	3.09	3.13	3.10	3.11	0.69	ppb
Arsenic	75-2	614.38	621.89	618.97	618.41	0.61	ppb
Barium	135-1	428.08	429.27	428.55	428.63	0.14	ppb
Barium	137-1	419.68	422.28	428.20	423.38	1.03	ppb
Beryllium	9-1	1.49	1.63	1.55	1.56	4.64	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.00	3.85	4.28	4.05	5.43	ppb
Cadmium	106-1	2.58	2.17	1.49	2.08	26.45	ppb
Cadmium	111-1	3.75	3.81	3.71	3.76	1.32	ppb
Calcium	43-1	6539.84	6720.95	6713.93	6658.24	1.54	ppb
Calcium	44-1	6074.01	6210.32	6174.30	6152.88	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83.96	86.10	86.11	85.39	1.45	ppb
Cobalt	59-2	51.82	53.26	52.95	52.68	1.44	ppb
Copper	63-2	470.19	486.76	486.83	481.26	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	99217.75	102179.30	100159.17	100518.74	1.51	ppb
Iron	57-2	99808.15	103050.98	100706.66	101188.60	1.65	ppb
Iron	54-2	100468.43	102402.66	102122.93	101664.67	1.03	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10A	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:48:30	DataFile Name :	246SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	445.05	447.90	447.55	446.83	0.35	ppb
Lead	207-1	457.62	452.36	451.48	453.82	0.73	ppb
Lead	208-1	449.18	453.23	451.65	451.36	0.45	ppb
Lithium	6-1				75		%
Magnesium	24-2	17148.71	17511.68	17754.03	17471.47	1.74	ppb
Manganese	55-2	2030.00	2049.68	2042.38	2040.69	0.49	ppb
Molybdenum	94-1	25.64	26.38	26.35	26.12	1.61	ppb
Molybdenum	95-1	1.40	1.45	1.47	1.44	2.62	ppb
Molybdenum	96-1	4.57	4.72	4.76	4.68	2.06	ppb
Molybdenum	97-1	1.40	1.46	1.44	1.43	2.13	ppb
Molybdenum	98-1	1.39	1.39	1.41	1.40	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	82.46	84.12	84.40	83.66	1.25	ppb
Phosphorus	31-2	1841.09	1902.59	1887.43	1877.03	1.71	ppb
Potassium	39-2	7582.92	7766.92	7644.59	7664.81	1.22	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.97	1.08	0.91	0.99	8.90	ppb
Selenium	77-2	19.12	21.68	18.70	19.83	8.15	ppb
Selenium	78-2	4.00	4.79	5.22	4.67	13.19	ppb
Silicon	28-1	1563.40	1560.44	1577.15	1567.00	0.57	ppb
Silver	107-1	1.03	1.04	1.04	1.04	0.50	ppb
Silver	109-1	1.04	1.06	1.05	1.05	0.69	ppb
Sodium	23-2	147.94	152.85	152.76	151.18	1.86	ppb
Strontium	86-1	64.59	67.05	66.41	66.02	1.93	ppb
Strontium	88-1	65.52	66.67	65.45	65.88	1.04	ppb
Sulfur	34-1	-1380.94	-1385.48	-1391.56	-1385.99		ppb
Terbium	159-1				115		%
Terbium	159-2				102		%
Thallium	203-1	0.46	0.47	0.46	0.46	1.53	ppb
Thallium	205-1	0.46	0.47	0.46	0.46	1.05	ppb
Tin	118-1	3.60	3.65	3.56	3.60	1.26	ppb
Titanium	47-1	1097.45	1097.28	1102.56	1099.10	0.27	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10A	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:48:30	DataFile Name :	246SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.27	1.30	1.29	1.28	1.28	ppb
Vanadium	51-2	182.57	186.04	186.62	185.08	1.18	ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	392.64	405.15	403.62	400.47	1.70	ppb
Zirconium	90-1	13.69	14.09	14.00	13.92	1.51	ppb
Zirconium	91-1	13.90	14.20	14.29	14.13	1.46	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05A	Instrumnet Name :	P7
Client Sample ID :	MYE5B7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:51:31	DataFile Name :	247SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26541.44	25975.94	25857.85	26125.08	1.40	ppb
Antimony	121-1	3.30	3.13	3.26	3.23	2.79	ppb
Arsenic	75-2	178.01	179.86	179.63	179.17	0.56	ppb
Barium	135-1	691.93	655.21	675.69	674.27	2.73	ppb
Barium	137-1	682.72	659.89	680.53	674.38	1.87	ppb
Beryllium	9-1	1.35	1.42	1.35	1.37	2.86	ppb
Bismuth	209-1				118		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.94	3.75	3.83	3.84	2.45	ppb
Cadmium	106-1	1.40	0.47	0.38	0.75	75.47	ppb
Cadmium	111-1	3.74	3.75	3.83	3.77	1.20	ppb
Calcium	43-1	8782.95	8468.54	8591.83	8614.44	1.84	ppb
Calcium	44-1	8231.10	7857.95	8020.76	8036.60	2.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88.71	87.36	86.72	87.60	1.16	ppb
Cobalt	59-2	56.52	55.92	55.59	56.01	0.85	ppb
Copper	63-2	434.17	423.74	425.93	427.94	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	101152.98	99957.05	98062.16	99724.06	1.56	ppb
Iron	57-2	100956.60	99574.20	97716.24	99415.68	1.64	ppb
Iron	54-2	101801.61	100715.64	99284.90	100600.72	1.25	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05A	Instrumnet Name :	P7
Client Sample ID :	MYE5B7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:51:31	DataFile Name :	247SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	562.70	550.36	554.42	555.82	1.13	ppb
Lead	207-1	562.21	557.06	559.47	559.58	0.46	ppb
Lead	208-1	565.89	553.06	558.49	559.15	1.15	ppb
Lithium	6-1				75		%
Magnesium	24-2	13778.10	13477.16	13414.41	13556.56	1.43	ppb
Manganese	55-2	5703.18	5622.99	5530.01	5618.72	1.54	ppb
Molybdenum	94-1	19.48	18.70	19.18	19.12	2.06	ppb
Molybdenum	95-1	2.26	2.15	2.19	2.20	2.37	ppb
Molybdenum	96-1	4.70	4.46	4.58	4.58	2.64	ppb
Molybdenum	97-1	2.19	2.09	2.16	2.15	2.63	ppb
Molybdenum	98-1	2.18	2.10	2.16	2.14	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.25	89.15	89.10	89.50	0.73	ppb
Phosphorus	31-2	1889.30	1865.51	1839.48	1864.76	1.34	ppb
Potassium	39-2	6153.56	6108.75	5998.37	6086.89	1.31	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.73	0.96	0.55	0.74	27.36	ppb
Selenium	77-2	14.46	13.54	12.60	13.53	6.89	ppb
Selenium	78-2	2.99	3.64	3.21	3.28	10.20	ppb
Silicon	28-1	1999.68	1957.84	1967.64	1975.05	1.11	ppb
Silver	107-1	0.62	0.58	0.60	0.60	3.35	ppb
Silver	109-1	0.62	0.58	0.61	0.60	2.68	ppb
Sodium	23-2	132.54	131.26	131.33	131.71	0.55	ppb
Strontium	86-1	67.14	63.64	65.90	65.56	2.71	ppb
Strontium	88-1	66.49	64.36	65.45	65.43	1.63	ppb
Sulfur	34-1	-1244.58	-1336.77	-1311.04	-1297.46		ppb
Terbium	159-1				116		%
Terbium	159-2				102		%
Thallium	203-1	0.53	0.51	0.53	0.52	2.28	ppb
Thallium	205-1	0.53	0.51	0.51	0.52	1.75	ppb
Tin	118-1	2.87	2.66	2.74	2.76	3.96	ppb
Titanium	47-1	908.58	864.24	886.75	886.53	2.50	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05A	Instrumnet Name :	P7
Client Sample ID :	MYE5B7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:51:31	DataFile Name :	247SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.05	1.07	1.07	1.18	ppb
Vanadium	51-2	189.14	185.05	184.42	186.20	1.38	ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%
Zinc	66-2	389.91	387.29	382.41	386.54	0.99	ppb
Zirconium	90-1	9.97	9.47	9.91	9.78	2.80	ppb
Zirconium	91-1	9.94	9.63	9.85	9.81	1.64	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04A	Instrumnet Name :	P7
Client Sample ID :	MYE5D6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:54:30	DataFile Name :	248SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36670.87	36280.16	35199.42	36050.15	2.11	ppb
Antimony	121-1	1.53	1.52	1.53	1.53	0.49	ppb
Arsenic	75-2	312.12	309.72	309.91	310.58	0.43	ppb
Barium	135-1	683.67	694.36	690.12	689.38	0.78	ppb
Barium	137-1	677.03	692.87	693.47	687.79	1.36	ppb
Beryllium	9-1	2.12	2.27	2.13	2.17	4.06	ppb
Bismuth	209-1				116		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.75	3.67	3.62	3.68	1.76	ppb
Cadmium	106-1	0.96	1.82	1.13	1.30	34.79	ppb
Cadmium	111-1	3.29	3.27	3.31	3.29	0.61	ppb
Calcium	43-1	8698.69	8851.97	8996.89	8849.18	1.69	ppb
Calcium	44-1	8189.43	8218.03	8373.80	8260.42	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.88	94.39	93.20	93.49	0.85	ppb
Cobalt	59-2	63.40	64.59	63.60	63.86	0.99	ppb
Copper	63-2	450.44	462.65	453.40	455.49	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	112087.65	112562.01	110388.72	111679.46	1.02	ppb
Iron	57-2	110280.50	109876.67	109423.19	109860.12	0.39	ppb
Iron	54-2	111661.75	113235.56	109876.17	111591.16	1.51	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04A	Instrumnet Name :	P7
Client Sample ID :	MYE5D6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:54:30	DataFile Name :	248SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	361.97	372.51	364.92	366.47	1.48	ppb
Lead	207-1	365.85	370.88	369.55	368.76	0.71	ppb
Lead	208-1	364.05	370.10	366.45	366.87	0.83	ppb
Lithium	6-1				73		%
Magnesium	24-2	14853.45	14721.25	14395.62	14656.78	1.61	ppb
Manganese	55-2	4336.22	4371.25	4249.06	4318.84	1.46	ppb
Molybdenum	94-1	39.10	39.93	39.86	39.63	1.16	ppb
Molybdenum	95-1	1.16	1.14	1.16	1.15	0.78	ppb
Molybdenum	96-1	5.87	5.97	5.83	5.89	1.27	ppb
Molybdenum	97-1	1.15	1.10	1.14	1.13	2.19	ppb
Molybdenum	98-1	1.10	1.10	1.12	1.11	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.74	116.53	115.85	115.71	0.78	ppb
Phosphorus	31-2	2248.84	2304.17	2248.47	2267.16	1.41	ppb
Potassium	39-2	7681.96	7963.50	7683.06	7776.17	2.09	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	0.37	0.62	0.57	0.52	25.94	ppb
Selenium	77-2	20.51	19.92	18.95	19.79	3.96	ppb
Selenium	78-2	4.77	4.48	4.58	4.61	3.20	ppb
Silicon	28-1	1818.27	1822.54	1813.64	1818.15	0.24	ppb
Silver	107-1	0.94	0.95	0.93	0.94	1.07	ppb
Silver	109-1	0.93	0.94	0.94	0.94	0.72	ppb
Sodium	23-2	120.41	121.92	120.08	120.80	0.81	ppb
Strontium	86-1	97.49	99.71	100.07	99.09	1.41	ppb
Strontium	88-1	96.99	99.78	98.28	98.35	1.42	ppb
Sulfur	34-1	-1529.72	-1512.51	-1496.56	-1512.93		ppb
Terbium	159-1				115		%
Terbium	159-2				102		%
Thallium	203-1	0.52	0.52	0.51	0.52	1.92	ppb
Thallium	205-1	0.51	0.51	0.52	0.51	0.82	ppb
Tin	118-1	2.86	2.88	2.89	2.88	0.60	ppb
Titanium	47-1	1213.46	1232.54	1242.15	1229.38	1.19	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04A	Instrumnet Name :	P7
Client Sample ID :	MYE5D6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:54:30	DataFile Name :	248SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.40	1.44	1.41	1.42	1.74	ppb
Vanadium	51-2	200.97	201.93	199.22	200.71	0.68	ppb
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	296.54	303.09	299.99	299.87	1.09	ppb
Zirconium	90-1	21.60	21.83	22.07	21.84	1.09	ppb
Zirconium	91-1	21.92	22.13	21.98	22.01	0.49	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164632BL	Instrumnet Name :	P7
Client Sample ID :	PBS632	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:57:33	DataFile Name :	249CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.54	0.32	0.44	0.43	26.33	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	256.12	ppb
Arsenic	75-2	0.02	0.02	-0.01	0.01	159.45	ppb
Barium	135-1	0.03	0.03	0.01	0.02	41.59	ppb
Barium	137-1	0.03	0.02	0.01	0.02	57.91	ppb
Beryllium	9-1	-0.01	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.01	0.01	-0.01		ppb
Cadmium	106-1	-3.86	-3.78	-3.92	-3.85		ppb
Cadmium	111-1	-0.04	-0.04	-0.04	-0.04		ppb
Calcium	43-1	-3.25	-3.69	-2.99	-3.31		ppb
Calcium	44-1	-16.12	-16.62	-16.21	-16.32		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	-0.03	-0.03		ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	0.03	0.03	0.03	0.03	11.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	1.33	1.10	0.91	1.11	18.92	ppb
Iron	57-2	0.88	-0.10	-0.24	0.18	341.24	ppb
Iron	54-2	-0.48	-0.47	-0.25	-0.40		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164632BL	Instrumnet Name :	P7
Client Sample ID :	PBS632	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:57:33	DataFile Name :	249CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.02	0.03	20.20	ppb
Lead	207-1	0.04	0.03	0.02	0.03	29.49	ppb
Lead	208-1	0.04	0.03	0.02	0.03	28.71	ppb
Lithium	6-1				78		%
Magnesium	24-2	-0.79	-0.55	-0.72	-0.69		ppb
Manganese	55-2	-0.06	-0.05	-0.07	-0.06		ppb
Molybdenum	94-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.02	0.02	16.07	ppb
Phosphorus	31-2	-22.58	-21.22	-22.48	-22.09		ppb
Potassium	39-2	0.61	1.71	2.95	1.76	66.57	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	-0.02	-0.26	-0.75	-0.34		ppb
Selenium	77-2	0.03	-0.05	-0.05	-0.03		ppb
Selenium	78-2	-0.25	-0.17	0.21	-0.07		ppb
Silicon	28-1	-16.00	-16.21	-15.95	-16.05		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	9.20	8.60	9.05	8.95	3.46	ppb
Strontium	86-1	0.00	-0.02	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	201.42	ppb
Sulfur	34-1	-1812.10	-1824.98	-1797.48	-1811.52		ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.04	-0.04	-0.04	-0.04		ppb
Titanium	47-1	0.06	0.04	0.02	0.04	58.50	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164632BL	Instrumnet Name :	P7
Client Sample ID :	PBS632	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:57:33	DataFile Name :	249CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	31.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	0.03	0.00	-0.01	0.00	540.71	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164632BS	Instrumnet Name :	P7
Client Sample ID :	LCS632	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:00:50	DataFile Name :	250LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.63	43.00	42.43	43.02	1.39	ppb
Antimony	121-1	4.24	4.22	4.16	4.21	0.99	ppb
Arsenic	75-2	2.37	2.24	2.23	2.28	3.44	ppb
Barium	135-1	20.58	20.69	20.54	20.60	0.38	ppb
Barium	137-1	20.73	20.72	20.55	20.66	0.50	ppb
Beryllium	9-1	2.24	2.19	2.17	2.20	1.69	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.91	1.92	1.95	1.93	0.99	ppb
Cadmium	106-1	-1.21	-0.89	-1.54	-1.21		ppb
Cadmium	111-1	2.20	2.20	2.14	2.18	1.56	ppb
Calcium	43-1	947.53	964.54	935.59	949.22	1.53	ppb
Calcium	44-1	991.82	996.50	978.77	989.03	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.67	4.68	4.62	4.66	0.64	ppb
Cobalt	59-2	2.41	2.42	2.38	2.40	0.94	ppb
Copper	63-2	5.02	4.93	4.97	4.97	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	468.71	476.94	461.69	469.11	1.63	ppb
Iron	57-2	498.24	506.95	479.40	494.87	2.85	ppb
Iron	54-2	490.11	500.41	486.64	492.39	1.45	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164632BS	Instrumnet Name :	P7
Client Sample ID :	LCS632	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:00:50	DataFile Name :	250LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.12	2.12	2.16	2.13	1.03	ppb
Lead	207-1	2.17	2.12	2.13	2.14	1.01	ppb
Lead	208-1	2.13	2.12	2.15	2.13	0.60	ppb
Lithium	6-1				81		%
Magnesium	24-2	1165.59	1174.03	1156.57	1165.39	0.75	ppb
Manganese	55-2	2.18	2.17	2.10	2.15	2.11	ppb
Molybdenum	94-1	12.45	12.49	12.50	12.48	0.22	ppb
Molybdenum	95-1	10.45	10.49	10.47	10.47	0.20	ppb
Molybdenum	96-1	10.67	10.64	10.60	10.64	0.30	ppb
Molybdenum	97-1	10.60	10.53	10.56	10.56	0.34	ppb
Molybdenum	98-1	10.61	10.70	10.45	10.59	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.46	2.48	2.48	2.47	0.43	ppb
Phosphorus	31-2	-21.76	-21.92	-22.96	-22.22		ppb
Potassium	39-2	1122.23	1134.88	1109.96	1122.36	1.11	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	11.46	11.35	11.47	11.43	0.60	ppb
Selenium	77-2	12.34	12.13	10.27	11.58	9.85	ppb
Selenium	78-2	10.65	11.56	11.95	11.39	5.85	ppb
Silicon	28-1	-3.78	-3.41	-3.72	-3.64		ppb
Silver	107-1	2.09	2.12	2.10	2.10	0.68	ppb
Silver	109-1	2.13	2.13	2.12	2.12	0.27	ppb
Sodium	23-2	1080.96	1095.40	1070.13	1082.16	1.17	ppb
Strontium	86-1	2.11	2.09	2.09	2.09	0.63	ppb
Strontium	88-1	2.15	2.14	2.12	2.14	0.68	ppb
Sulfur	34-1	-1599.49	-1530.78	-1511.13	-1547.13		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	2.08	2.08	2.05	2.07	0.85	ppb
Thallium	205-1	2.04	2.06	2.04	2.04	0.62	ppb
Tin	118-1	-0.02	-0.01	-0.02	-0.01		ppb
Titanium	47-1	10.60	10.68	10.58	10.62	0.50	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164632BS	Instrumnet Name :	P7
Client Sample ID :	LCS632	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:00:50	DataFile Name :	250LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.97	2.02	1.99	1.99	1.14	ppb
Vanadium	51-2	11.24	11.38	11.16	11.26	1.01	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	12.86	12.75	12.55	12.72	1.23	ppb
Zirconium	90-1	2.14	2.13	2.14	2.14	0.22	ppb
Zirconium	91-1	2.11	2.18	2.14	2.14	1.49	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:04:06	DataFile Name :	251CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49900.90	48611.34	49793.80	49435.35	1.45	ppb
Antimony	121-1	446.74	469.98	485.07	467.26	4.13	ppb
Arsenic	75-2	514.88	520.05	521.14	518.69	0.64	ppb
Barium	135-1	2195.96	2336.44	2383.77	2305.39	4.24	ppb
Barium	137-1	2181.80	2349.06	2424.80	2318.55	5.36	ppb
Beryllium	9-1	440.96	475.04	492.91	469.64	5.62	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	444.06	483.51	489.58	472.38	5.23	ppb
Cadmium	106-1	448.09	479.68	488.87	472.21	4.53	ppb
Cadmium	111-1	450.83	486.91	499.14	478.96	5.24	ppb
Calcium	43-1	195243.48	215645.29	214760.49	208549.75	5.53	ppb
Calcium	44-1	206568.79	227802.01	225003.55	219791.45	5.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.11	497.97	502.10	503.06	1.12	ppb
Cobalt	59-2	544.76	529.79	530.91	535.15	1.56	ppb
Copper	63-2	5219.60	5109.75	5192.86	5174.07	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	127435.19	125111.63	125342.53	125963.12	1.02	ppb
Iron	57-2	129293.81	126136.14	126291.92	127240.63	1.40	ppb
Iron	54-2	127769.07	125838.16	125363.29	126323.51	1.01	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:04:06	DataFile Name :	251CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2268.31	2432.26	2463.98	2388.18	4.40	ppb
Lead	207-1	2271.65	2462.03	2481.77	2405.15	4.82	ppb
Lead	208-1	2280.21	2445.61	2477.96	2401.26	4.42	ppb
Lithium	6-1				83		%
Magnesium	24-2	266245.09	261767.83	266085.13	264699.35	0.96	ppb
Manganese	55-2	4986.63	4915.93	4877.42	4926.66	1.12	ppb
Molybdenum	94-1	4474.40	4884.28	4851.82	4736.83	4.81	ppb
Molybdenum	95-1	4486.03	4873.59	4827.43	4729.02	4.48	ppb
Molybdenum	96-1	4524.03	4864.89	4844.92	4744.61	4.03	ppb
Molybdenum	97-1	4513.78	4858.72	4789.38	4720.63	3.87	ppb
Molybdenum	98-1	4548.02	4937.91	4872.12	4786.01	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	540.55	522.42	528.98	530.65	1.73	ppb
Phosphorus	31-2	9920.46	9705.55	9789.37	9805.13	1.10	ppb
Potassium	39-2	122052.88	120495.65	120322.33	120956.96	0.79	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	465.28	502.99	499.61	489.29	4.26	ppb
Selenium	77-2	487.44	504.48	504.60	498.84	1.98	ppb
Selenium	78-2	499.52	504.72	500.86	501.70	0.54	ppb
Silicon	28-1	145.09	161.49	163.81	156.80	6.51	ppb
Silver	107-1	443.25	472.11	486.05	467.13	4.67	ppb
Silver	109-1	446.77	477.44	483.54	469.25	4.20	ppb
Sodium	23-2	245575.38	246936.66	244432.45	245648.16	0.51	ppb
Strontium	86-1	483.77	524.57	522.64	510.33	4.51	ppb
Strontium	88-1	486.56	526.83	528.13	513.84	4.60	ppb
Sulfur	34-1	7599.36	8673.39	8697.40	8323.39	7.53	ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	452.18	488.27	493.26	477.90	4.69	ppb
Thallium	205-1	456.06	492.07	497.24	481.79	4.66	ppb
Tin	118-1	435.42	465.66	476.95	459.34	4.68	ppb
Titanium	47-1	4374.96	4863.55	4846.09	4694.87	5.90	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:04:06	DataFile Name :	251CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	464.27	506.71	508.58	493.19	5.08	ppb
Vanadium	51-2	514.48	503.99	505.39	507.95	1.12	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	5175.70	5079.63	5041.42	5098.92	1.36	ppb
Zirconium	90-1	451.89	491.18	495.40	479.49	5.00	ppb
Zirconium	91-1	452.37	493.53	494.40	480.10	5.00	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:06:47	DataFile Name :	252CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.75	0.52	0.39	0.55	33.08	ppb
Antimony	121-1	0.15	0.18	0.23	0.19	21.63	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	60.19	ppb
Barium	135-1	0.19	0.11	0.06	0.12	54.41	ppb
Barium	137-1	0.20	0.10	0.06	0.12	61.59	ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	50.54	ppb
Bismuth	209-1				116		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.01	0.00	0.01	123.28	ppb
Cadmium	106-1	-0.84	-1.00	-1.06	-0.97		ppb
Cadmium	111-1	0.05	0.03	0.01	0.03	71.20	ppb
Calcium	43-1	16.01	4.88	3.66	8.18	83.16	ppb
Calcium	44-1	5.58	-4.94	-7.64	-2.33		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.00	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	116.96	ppb
Copper	63-2	0.11	0.08	0.08	0.09	17.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	56-2	2.07	1.78	1.21	1.69	25.99	ppb
Iron	57-2	0.43	0.55	0.86	0.62	36.22	ppb
Iron	54-2	0.40	0.46	0.11	0.32	57.33	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:06:47	DataFile Name :	252CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.11	0.08	0.13	53.19	ppb
Lead	207-1	0.22	0.11	0.10	0.14	46.40	ppb
Lead	208-1	0.22	0.11	0.08	0.14	50.74	ppb
Lithium	6-1				92		%
Magnesium	24-2	4.25	3.83	2.97	3.68	17.64	ppb
Manganese	55-2	-0.06	-0.06	-0.08	-0.07		ppb
Molybdenum	94-1	0.47	0.30	0.26	0.34	32.97	ppb
Molybdenum	95-1	0.47	0.30	0.25	0.34	32.55	ppb
Molybdenum	96-1	0.47	0.29	0.26	0.34	33.49	ppb
Molybdenum	97-1	0.48	0.28	0.26	0.34	36.35	ppb
Molybdenum	98-1	0.48	0.31	0.25	0.35	33.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-20.94	-20.24	-18.85	-20.01		ppb
Potassium	39-2	6.63	8.22	8.79	7.88	14.24	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	-0.11	-0.19	-0.07	-0.12		ppb
Selenium	77-2	-0.05	-0.05	0.11	0.00	150930.66	ppb
Selenium	78-2	0.06	0.05	-0.05	0.02	333.91	ppb
Silicon	28-1	-8.97	-9.36	-9.31	-9.21		ppb
Silver	107-1	0.05	0.03	0.02	0.03	45.45	ppb
Silver	109-1	0.05	0.03	0.02	0.03	49.48	ppb
Sodium	23-2	9.50	10.10	9.62	9.74	3.27	ppb
Strontium	86-1	0.02	0.01	-0.01	0.01	241.60	ppb
Strontium	88-1	0.04	0.02	0.01	0.03	57.00	ppb
Sulfur	34-1	-736.13	-726.35	-628.90	-697.12		ppb
Terbium	159-1				116		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.06	0.06	0.07	20.90	ppb
Thallium	205-1	0.09	0.07	0.06	0.07	23.33	ppb
Tin	118-1	0.03	0.00	0.01	0.01	88.43	ppb
Titanium	47-1	0.40	0.21	0.11	0.24	60.22	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:06:47	DataFile Name :	252CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.02	0.02	0.03	50.32	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	11.49	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	0.03	0.12	0.11	0.09	53.43	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	27.54	ppb
Zirconium	91-1	0.05	0.04	0.04	0.04	16.77	ppb

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:04:56	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	330	337	339	3.01	cps
Antimony	121-1	83	53	37	58	40.93	cps
Arsenic	75-2	13	40	10	21	77.90	cps
Barium	135-1	103	67	90	87	21.41	cps
Barium	137-1	257	163	190	203	23.64	cps
Beryllium	9-1	28	67	72	56	43.59	cps
Bismuth	209-1	18193746	18370149	18193954	18252616	0.56	cps
Bismuth	209-2	13737980	13461076	13388546	13529201	1.36	cps
Bromine	81-1	17037	17190	16666	16964	1.59	cps
Bromine	81-2	140	157	143	147	6.01	cps
Cadmium	108-1	23	20	23	22	8.65	cps
Cadmium	106-1	10397	10587	10107	10364	2.33	cps
Cadmium	111-1	1067	1070	1033	1056	1.95	cps
Calcium	43-1	833	707	717	752	9.36	cps
Calcium	44-1	62286	61082	60352	61240	1.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2140	2030	2204	2125	4.13	cps
Cobalt	59-2	478	437	497	471	6.53	cps
Copper	63-2	2324	2230	2337	2297	2.53	cps
Dysprosium	156-1	13	20	23	19	26.96	cps
Dysprosium	156-2	13	0	17	10	88.20	cps
Erbium	164-1	77	157	83	106	42.05	cps
Erbium	164-2	100	97	70	89	18.50	cps
Gadolinium	160-1	193	153	163	170	12.24	cps
Gadolinium	160-2	1107	1177	1293	1192	7.91	cps
Holmium	165-1	31669210	31867809	31800020	31779013	0.32	cps
Holmium	165-2	20830998	20422992	20485824	20579938	1.07	cps
Indium	115-1	28651031	28873982	28654009	28726341	0.45	cps
Indium	115-2	10057160	9864787	9841820	9921256	1.19	cps
Iron	56-2	35114	35645	35037	35266	0.94	cps
Iron	57-2	2064	2280	2080	2141	5.63	cps
Iron	54-2	5168	5114	5058	5113	1.08	cps
Krypton	83-1	490	447	447	461	5.43	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:04:56	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	833	663	780	759	11.46	cps
Lead	207-1	690	597	593	627	8.76	cps
Lead	208-1	3174	2850	2880	2968	6.02	cps
Lithium	6-1	3179093	3168617	3276969	3208226	1.86	cps
Magnesium	24-2	3740	3777	3747	3755	0.52	cps
Manganese	55-2	1643	1753	1640	1679	3.84	cps
Molybdenum	94-1	863	810	833	836	3.20	cps
Molybdenum	95-1	150	117	73	113	33.92	cps
Molybdenum	96-1	370	293	280	314	15.45	cps
Molybdenum	97-1	100	87	97	94	7.35	cps
Molybdenum	98-1	310	153	160	208	42.64	cps
Neodymium	150-1	23	13	10	16	44.60	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	310	307	307	308	0.63	cps
Phosphorus	31-2	377	370	397	381	3.64	cps
Potassium	39-2	87627	88495	86896	87673	0.91	cps
Rhodium	103-1	28098826	27886847	28382020	28122564	0.88	cps
Rhodium	103-2	16685926	16518214	16526355	16576832	0.57	cps
Scandium	45-1	16206181	16317747	16401649	16308526	0.60	cps
Scandium	45-2	1447370	1457633	1438569	1447857	0.66	cps
Selenium	82-1	1498	1462	1547	1502	2.85	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	647	573	553	591	8.31	cps
Silicon	28-1	1615998	1612227	1593374	1607200	0.75	cps
Silver	107-1	217	187	310	238	27.05	cps
Silver	109-1	173	77	133	128	38.01	cps
Sodium	23-2	35000	34515	34305	34607	1.03	cps
Strontium	86-1	743	803	880	809	8.47	cps
Strontium	88-1	667	467	407	513	26.52	cps
Sulfur	34-1	330382	331782	331164	331109	0.21	cps
Terbium	159-1	32396784	32600720	32541854	32513119	0.32	cps
Terbium	159-2	21173096	20906781	20875911	20985262	0.78	cps
Thallium	203-1	313	327	237	292	16.62	cps
Thallium	205-1	630	667	583	627	6.67	cps
Tin	118-1	4031	3914	3897	3947	1.84	cps
Titanium	47-1	273	313	287	291	7.00	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:04:56	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77	40	57	58	31.78	cps
Vanadium	51-2	57	30	43	43	30.77	cps
Yttrium	89-1	38742584	39527640	38986364	39085529	1.03	cps
Yttrium	89-2	10231037	10152918	10185734	10189897	0.38	cps
Zinc	66-2	703	687	680	690	1.74	cps
Zirconium	90-1	2280	2490	2507	2426	5.21	cps
Zirconium	91-1	417	433	480	443	7.40	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:11:26	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11728	11494	11454	11559	1.28	cps
Antimony	121-1	52740	53630	54128	53499	1.31	cps
Arsenic	75-2	1510	1437	1570	1506	4.44	cps
Barium	135-1	61967	64622	63789	63459	2.14	cps
Barium	137-1	109226	111550	110277	110351	1.05	cps
Beryllium	9-1	2572	3028	2984	2861	8.78	cps
Bismuth	209-1	18974716	18549798	18489318	18671277	1.42	cps
Bismuth	209-2	13602536	13536146	13645013	13594565	0.40	cps
Bromine	81-1	17844	17924	17574	17781	1.03	cps
Bromine	81-2	163	210	180	184	12.82	cps
Cadmium	108-1	440	547	473	487	11.21	cps
Cadmium	106-1	12128	11558	11318	11668	3.57	cps
Cadmium	111-1	8052	8667	8625	8448	4.07	cps
Calcium	43-1	37623	38576	38081	38093	1.25	cps
Calcium	44-1	690727	704113	705850	700230	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25766	25371	26189	25775	1.59	cps
Cobalt	59-2	22888	23061	22732	22894	0.72	cps
Copper	63-2	30127	29750	30428	30101	1.13	cps
Dysprosium	156-1	17	23	17	19	20.36	cps
Dysprosium	156-2	3	23	30	19	73.49	cps
Erbium	164-1	130	127	157	138	11.93	cps
Erbium	164-2	93	73	83	83	12.00	cps
Gadolinium	160-1	173	183	197	184	6.35	cps
Gadolinium	160-2	1003	1213	1073	1097	9.75	cps
Holmium	165-1	33925044	32637381	32186160	32916195	2.74	cps
Holmium	165-2	20589850	20430026	20604567	20541481	0.47	cps
Indium	115-1	30226370	29552886	29094358	29624538	1.92	cps
Indium	115-2	10037143	9880576	9803978	9907232	1.20	cps
Iron	56-2	602611	594775	593656	597014	0.82	cps
Iron	57-2	16589	16636	16643	16623	0.18	cps
Iron	54-2	37059	36902	37072	37011	0.26	cps
Krypton	83-1	467	497	453	472	4.70	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:11:26	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17992	18549	18529	18357	1.72	cps
Lead	207-1	16083	15893	16030	16002	0.61	cps
Lead	208-1	73459	73578	73441	73493	0.10	cps
Lithium	6-1	3430266	3363233	3335149	3376216	1.45	cps
Magnesium	24-2	522031	520946	514098	519025	0.83	cps
Manganese	55-2	10093	10560	10370	10341	2.27	cps
Molybdenum	94-1	56505	57589	58386	57493	1.64	cps
Molybdenum	95-1	68044	69360	70328	69244	1.66	cps
Molybdenum	96-1	76395	77323	77290	77002	0.68	cps
Molybdenum	97-1	42415	43859	43237	43170	1.68	cps
Molybdenum	98-1	110605	113275	113420	112433	1.41	cps
Neodymium	150-1	23	30	20	24	20.83	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	5374	5448	5351	5391	0.94	cps
Phosphorus	31-2	1380	1137	1240	1252	9.75	cps
Potassium	39-2	728195	718619	718015	721610	0.79	cps
Rhodium	103-1	30094975	28513730	28940968	29183224	2.80	cps
Rhodium	103-2	16798232	16304164	16567796	16556731	1.49	cps
Scandium	45-1	17337181	16628718	16567267	16844389	2.54	cps
Scandium	45-2	1463867	1430848	1426288	1440334	1.42	cps
Selenium	82-1	3778	3781	3856	3805	1.16	cps
Selenium	77-2	233	200	207	213	8.27	cps
Selenium	78-2	1297	1300	1417	1338	5.11	cps
Silicon	28-1	1607034	1624267	1616132	1615811	0.53	cps
Silver	107-1	35249	36610	37341	36400	2.92	cps
Silver	109-1	34621	34504	35487	34871	1.54	cps
Sodium	23-2	842024	832270	828889	834394	0.82	cps
Strontium	86-1	9320	9603	9680	9534	1.99	cps
Strontium	88-1	75600	76816	76702	76372	0.88	cps
Sulfur	34-1	340576	341054	340825	340819	0.07	cps
Terbium	159-1	34484205	33726268	33397898	33869457	1.64	cps
Terbium	159-2	21112746	21039083	21082966	21078265	0.18	cps
Thallium	203-1	22208	21714	22422	22115	1.64	cps
Thallium	205-1	52160	52357	53006	52508	0.84	cps
Tin	118-1	115186	115545	117031	115921	0.84	cps
Titanium	47-1	17143	17447	17323	17304	0.88	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:11:26	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	64961	65614	66364	65646	1.07	cps
Vanadium	51-2	51110	51133	49651	50631	1.68	cps
Yttrium	89-1	41716966	39837636	39367000	40307201	3.08	cps
Yttrium	89-2	10188831	10201710	10076445	10155662	0.68	cps
Zinc	66-2	12172	11571	11321	11688	3.74	cps
Zirconium	90-1	48634	49155	48694	48827	0.58	cps
Zirconium	91-1	10761	11018	10814	10864	1.25	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:14:40	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	579820	583457	586023	583100	0.53	cps
Antimony	121-1	1289788	1301381	1305874	1299014	0.64	cps
Arsenic	75-2	72044	72147	72727	72306	0.51	cps
Barium	135-1	1572149	1569036	1577193	1572793	0.26	cps
Barium	137-1	2729461	2681777	2667240	2692826	1.21	cps
Beryllium	9-1	130952	133893	130454	131766	1.41	cps
Bismuth	209-1	18881541	18940835	18824787	18882387	0.31	cps
Bismuth	209-2	13923145	13975196	13884746	13927696	0.33	cps
Bromine	81-1	17848	17514	17280	17547	1.63	cps
Bromine	81-2	157	137	137	143	8.06	cps
Cadmium	108-1	26885	26347	26594	26609	1.01	cps
Cadmium	106-1	48260	47370	48317	47982	1.11	cps
Cadmium	111-1	350128	351524	351491	351048	0.23	cps
Calcium	43-1	372715	371861	373179	372585	0.18	cps
Calcium	44-1	7549203	7598319	7537951	7561824	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	571721	568992	569298	570004	0.26	cps
Cobalt	59-2	1045760	1047447	1046272	1046493	0.08	cps
Copper	63-2	7000789	6927904	6933933	6954209	0.58	cps
Dysprosium	156-1	23	37	40	33	26.47	cps
Dysprosium	156-2	80	53	73	69	20.15	cps
Erbium	164-1	137	160	177	158	12.73	cps
Erbium	164-2	60	110	120	97	33.25	cps
Gadolinium	160-1	200	223	207	210	5.72	cps
Gadolinium	160-2	1060	1167	1203	1143	6.51	cps
Holmium	165-1	33306436	33186512	33263678	33252209	0.18	cps
Holmium	165-2	21212524	21304923	21118125	21211857	0.44	cps
Indium	115-1	29602920	29712317	29378356	29564531	0.58	cps
Indium	115-2	10023906	10020183	10074860	10039650	0.30	cps
Iron	56-2	25946968	25645149	25838190	25810102	0.59	cps
Iron	57-2	669237	673476	670319	671011	0.33	cps
Iron	54-2	1437139	1437234	1453333	1442569	0.65	cps
Krypton	83-1	563	440	510	504	12.26	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:14:40	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4237877	4275853	4186720	4233483	1.06	cps
Lead	207-1	3723901	3727805	3723775	3725160	0.06	cps
Lead	208-1	17045171	17311775	17039886	17132277	0.91	cps
Lithium	6-1	3374607	3459800	3414952	3416453	1.25	cps
Magnesium	24-2	5065050	5090542	5054067	5069886	0.37	cps
Manganese	55-2	4202439	4208537	4191218	4200731	0.21	cps
Molybdenum	94-1	4825244	4784825	4766249	4792106	0.63	cps
Molybdenum	95-1	6939755	6875097	7002251	6939034	0.92	cps
Molybdenum	96-1	7609752	7534027	7632236	7592005	0.68	cps
Molybdenum	97-1	4332719	4245850	4260998	4279856	1.08	cps
Molybdenum	98-1	11117798	10985159	11171964	11091641	0.87	cps
Neodymium	150-1	100	83	77	87	13.87	cps
Neodymium	150-2	47	13	13	24	78.75	cps
Nickel	60-2	243619	244504	241546	243223	0.62	cps
Phosphorus	31-2	30404	30120	30624	30382	0.83	cps
Potassium	39-2	3047474	3068340	3037743	3051186	0.51	cps
Rhodium	103-1	28828751	29234250	28918968	28993990	0.73	cps
Rhodium	103-2	16700962	16904625	16590376	16731988	0.95	cps
Scandium	45-1	16815721	16930999	16791056	16845925	0.44	cps
Scandium	45-2	1434748	1436889	1447311	1439649	0.47	cps
Selenium	82-1	23190	23137	23331	23219	0.43	cps
Selenium	77-2	2087	2127	2167	2127	1.88	cps
Selenium	78-2	7876	7689	7759	7774	1.21	cps
Silicon	28-1	3665913	3692057	3660621	3672864	0.46	cps
Silver	107-1	1782489	1780398	1772099	1778329	0.31	cps
Silver	109-1	1717421	1729690	1714427	1720513	0.47	cps
Sodium	23-2	8193423	8098673	8072666	8121587	0.78	cps
Strontium	86-1	424378	424458	424286	424374	0.02	cps
Strontium	88-1	3726818	3629305	3702863	3686329	1.38	cps
Sulfur	34-1	435007	437005	434853	435622	0.28	cps
Terbium	159-1	34552964	34618907	33695292	34289054	1.50	cps
Terbium	159-2	21540561	21764908	21211025	21505498	1.30	cps
Thallium	203-1	1088789	1092997	1092746	1091511	0.22	cps
Thallium	205-1	2551146	2519231	2477449	2515942	1.47	cps
Tin	118-1	1111180	1110825	1113720	1111908	0.14	cps
Titanium	47-1	1705276	1702200	1689874	1699117	0.48	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:14:40	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3246266	3198672	3222767	3222568	0.74	cps
Vanadium	51-2	484137	486125	490419	486893	0.66	cps
Yttrium	89-1	40388679	40466619	40189419	40348239	0.35	cps
Yttrium	89-2	10217670	10196819	10266510	10227000	0.35	cps
Zinc	66-2	1067974	1073799	1075085	1072286	0.35	cps
Zirconium	90-1	2291077	2325409	2287707	2301398	0.91	cps
Zirconium	91-1	511478	516679	517715	515291	0.65	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:17:33	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1409440	1468878	1412541	1430287	2.34	cps
Antimony	121-1	3256128	3241756	3197801	3231895	0.94	cps
Arsenic	75-2	179345	180423	176765	178844	1.05	cps
Barium	135-1	3932429	3944719	3931582	3936243	0.19	cps
Barium	137-1	6747290	6826131	6778189	6783870	0.59	cps
Beryllium	9-1	327487	332944	328841	329757	0.86	cps
Bismuth	209-1	19271496	19302318	19051408	19208407	0.71	cps
Bismuth	209-2	13955278	13673754	13473647	13700893	1.77	cps
Bromine	81-1	17387	17103	18078	17523	2.86	cps
Bromine	81-2	97	117	107	107	9.37	cps
Cadmium	108-1	66960	67141	67024	67042	0.14	cps
Cadmium	106-1	104794	105187	103461	104481	0.87	cps
Cadmium	111-1	872298	881555	874638	876164	0.55	cps
Calcium	43-1	918728	918471	909748	915649	0.56	cps
Calcium	44-1	18802776	18597600	18655639	18685338	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1362476	1401018	1372173	1378556	1.45	cps
Cobalt	59-2	2571176	2505030	2552424	2542876	1.34	cps
Copper	63-2	16825364	16644206	16730019	16733196	0.54	cps
Dysprosium	156-1	63	47	83	64	28.48	cps
Dysprosium	156-2	200	147	147	164	18.72	cps
Erbium	164-1	180	180	233	198	15.57	cps
Erbium	164-2	113	107	130	117	10.30	cps
Gadolinium	160-1	197	240	170	202	17.47	cps
Gadolinium	160-2	1227	1257	1160	1215	4.07	cps
Holmium	165-1	33826206	33942414	33642403	33803674	0.45	cps
Holmium	165-2	21552932	21290130	20908431	21250498	1.53	cps
Indium	115-1	29924294	29916552	29698179	29846341	0.43	cps
Indium	115-2	9963316	9847979	9821184	9877493	0.76	cps
Iron	56-2	62222136	63812037	62465686	62833286	1.36	cps
Iron	57-2	1585074	1584357	1555047	1574826	1.09	cps
Iron	54-2	3474725	3627281	3497210	3533072	2.33	cps
Krypton	83-1	523	443	503	490	8.50	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:17:33	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10661494	10558115	10523565	10581058	0.68	cps
Lead	207-1	9243514	9098613	9236483	9192870	0.89	cps
Lead	208-1	42751621	42493941	42655101	42633555	0.31	cps
Lithium	6-1	3480037	3464821	3412755	3452538	1.02	cps
Magnesium	24-2	12490359	12629923	12207026	12442436	1.73	cps
Manganese	55-2	10160233	10530133	10138998	10276454	2.14	cps
Molybdenum	94-1	11947372	11923979	11931032	11934128	0.10	cps
Molybdenum	95-1	17356895	17106816	17128369	17197360	0.81	cps
Molybdenum	96-1	18822315	18839105	18809629	18823683	0.08	cps
Molybdenum	97-1	10575647	10844689	10696734	10705690	1.26	cps
Molybdenum	98-1	27193026	27784223	27675628	27550959	1.14	cps
Neodymium	150-1	233	210	220	221	5.30	cps
Neodymium	150-2	57	50	40	49	17.16	cps
Nickel	60-2	607078	590439	602651	600056	1.44	cps
Phosphorus	31-2	74748	73619	73703	74023	0.85	cps
Potassium	39-2	7557807	7343664	7414793	7438755	1.47	cps
Rhodium	103-1	28907670	29170459	28999780	29025970	0.46	cps
Rhodium	103-2	16658802	16442384	16373169	16491452	0.90	cps
Scandium	45-1	16981212	16718562	16782844	16827539	0.81	cps
Scandium	45-2	1473302	1434288	1416064	1441218	2.03	cps
Selenium	82-1	55577	55655	55351	55527	0.28	cps
Selenium	77-2	5581	5594	5118	5431	5.00	cps
Selenium	78-2	18245	18235	18652	18377	1.30	cps
Silicon	28-1	6726607	6794480	6731753	6750947	0.56	cps
Silver	107-1	4474880	4455552	4464746	4465059	0.22	cps
Silver	109-1	4311809	4272890	4264186	4282962	0.59	cps
Sodium	23-2	19671116	20020860	19398819	19696932	1.58	cps
Strontium	86-1	1045498	1058811	1043334	1049215	0.80	cps
Strontium	88-1	9126455	9215682	9045566	9129234	0.93	cps
Sulfur	34-1	573687	573876	574195	573919	0.04	cps
Terbium	159-1	34864212	34580754	34636240	34693735	0.43	cps
Terbium	159-2	21698551	22232926	21367493	21766323	2.01	cps
Thallium	203-1	2682294	2654329	2609809	2648811	1.38	cps
Thallium	205-1	6388236	6361603	6366359	6372066	0.22	cps
Tin	118-1	2775703	2773804	2718147	2755884	1.19	cps
Titanium	47-1	4154228	4151989	4173014	4159744	0.28	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:17:33	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8124423	8220598	8189883	8178301	0.60	cps
Vanadium	51-2	1195379	1194712	1181876	1190656	0.64	cps
Yttrium	89-1	40535869	40909947	40368969	40604928	0.68	cps
Yttrium	89-2	10333039	10175822	10256354	10255072	0.77	cps
Zinc	66-2	2598217	2571430	2537315	2568987	1.19	cps
Zirconium	90-1	5663035	5735981	5712758	5703925	0.65	cps
Zirconium	91-1	1268669	1272213	1274478	1271786	0.23	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:20:17	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2778181	2819144	2780932	2792752	0.82	cps
Antimony	121-1	6500999	6505443	6511710	6506051	0.08	cps
Arsenic	75-2	354987	351399	352694	353027	0.51	cps
Barium	135-1	7828488	7921958	7793388	7847944	0.85	cps
Barium	137-1	13450674	13749730	13613440	13604615	1.10	cps
Beryllium	9-1	646213	651866	649792	649290	0.44	cps
Bismuth	209-1	18875776	18844766	18985310	18901951	0.39	cps
Bismuth	209-2	13882936	13912863	13765306	13853702	0.56	cps
Bromine	81-1	18044	17564	17561	17723	1.57	cps
Bromine	81-2	117	143	140	133	10.90	cps
Cadmium	108-1	129969	132881	131762	131537	1.12	cps
Cadmium	106-1	194265	195839	194821	194975	0.41	cps
Cadmium	111-1	1691650	1702072	1721644	1705122	0.89	cps
Calcium	43-1	1733231	1750704	1753446	1745794	0.63	cps
Calcium	44-1	37035593	37297464	36942488	37091848	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2798904	2785417	2763622	2782648	0.64	cps
Cobalt	59-2	5019010	5069859	5022438	5037103	0.56	cps
Copper	63-2	34147482	33806150	33503282	33818971	0.95	cps
Dysprosium	156-1	113	140	160	138	16.99	cps
Dysprosium	156-2	287	337	310	311	8.04	cps
Erbium	164-1	240	203	223	222	8.26	cps
Erbium	164-2	117	137	117	123	9.36	cps
Gadolinium	160-1	190	237	237	221	12.19	cps
Gadolinium	160-2	1273	1267	1217	1252	2.47	cps
Holmium	165-1	32712644	33466600	33491463	33223569	1.33	cps
Holmium	165-2	21686506	21572929	21590411	21616615	0.28	cps
Indium	115-1	28722016	29008391	29471170	29067192	1.30	cps
Indium	115-2	9864607	9885349	9788188	9846048	0.52	cps
Iron	56-2	125965411	126909245	125301201	126058619	0.64	cps
Iron	57-2	3120500	3174230	3127875	3140868	0.93	cps
Iron	54-2	6943487	7075886	6948401	6989258	1.07	cps
Krypton	83-1	423	447	487	452	7.08	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:20:17	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21317913	21320170	21369279	21335787	0.14	cps
Lead	207-1	18530431	18710550	18705996	18648992	0.55	cps
Lead	208-1	86360188	86191801	86275624	86275871	0.10	cps
Lithium	6-1	3334825	3329532	3314738	3326365	0.31	cps
Magnesium	24-2	24664317	24549920	24535047	24583095	0.29	cps
Manganese	55-2	20558022	20722806	20502335	20594387	0.56	cps
Molybdenum	94-1	23676427	23748122	23758734	23727761	0.19	cps
Molybdenum	95-1	34364914	34556382	34576539	34499278	0.34	cps
Molybdenum	96-1	37183749	37624442	37735912	37514701	0.78	cps
Molybdenum	97-1	21172464	21318170	21501230	21330621	0.77	cps
Molybdenum	98-1	54941931	55580974	54988344	55170416	0.65	cps
Neodymium	150-1	340	413	380	378	9.72	cps
Neodymium	150-2	97	93	100	97	3.45	cps
Nickel	60-2	1163168	1156454	1158867	1159496	0.29	cps
Phosphorus	31-2	145635	146769	145276	145893	0.53	cps
Potassium	39-2	14506994	14207509	14369432	14361312	1.04	cps
Rhodium	103-1	27507945	27943483	28357335	27936254	1.52	cps
Rhodium	103-2	16705174	16488194	16344746	16512705	1.10	cps
Scandium	45-1	16083027	16341781	16368114	16264307	0.97	cps
Scandium	45-2	1418140	1415770	1402159	1412023	0.61	cps
Selenium	82-1	107320	108496	108905	108240	0.76	cps
Selenium	77-2	10260	10494	10414	10389	1.14	cps
Selenium	78-2	35967	36204	35663	35945	0.75	cps
Silicon	28-1	11693991	11859294	11843642	11798976	0.77	cps
Silver	107-1	8833129	8867805	8708668	8803201	0.95	cps
Silver	109-1	8420061	8549901	8530793	8500252	0.82	cps
Sodium	23-2	39294602	39163684	39152529	39203605	0.20	cps
Strontium	86-1	2061849	2118559	2141733	2107380	1.95	cps
Strontium	88-1	17985215	18297851	18264753	18182607	0.94	cps
Sulfur	34-1	797322	802896	797274	799164	0.40	cps
Terbium	159-1	34104628	33973843	34390394	34156288	0.62	cps
Terbium	159-2	21976826	22158887	21859001	21998238	0.69	cps
Thallium	203-1	5314675	5287480	5324628	5308928	0.36	cps
Thallium	205-1	12825990	12855557	12819242	12833596	0.15	cps
Tin	118-1	5458443	5511817	5450226	5473496	0.61	cps
Titanium	47-1	8182686	8317211	8213685	8237861	0.86	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:20:17	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16508281	16686219	16618929	16604476	0.54	cps
Vanadium	51-2	2374107	2328701	2339119	2347309	1.01	cps
Yttrium	89-1	38924919	39692224	40066583	39561242	1.47	cps
Yttrium	89-2	10240411	10181822	10112750	10178328	0.63	cps
Zinc	66-2	5171402	5182309	5072358	5142023	1.18	cps
Zirconium	90-1	11424151	11429663	11424504	11426106	0.03	cps
Zirconium	91-1	2532581	2537000	2555626	2541736	0.48	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:23:03	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5589140	5525476	5542267	5552295	0.59	cps
Antimony	121-1	12946421	13070544	13058376	13025114	0.53	cps
Arsenic	75-2	709503	706197	703963	706554	0.39	cps
Barium	135-1	15813311	15875127	15765148	15817862	0.35	cps
Barium	137-1	27207257	27409878	27049300	27222145	0.66	cps
Beryllium	9-1	1298905	1322518	1339208	1320210	1.53	cps
Bismuth	209-1	19441155	19158445	19174074	19257891	0.83	cps
Bismuth	209-2	13829907	13665617	13627385	13707636	0.78	cps
Bromine	81-1	16903	16916	17370	17063	1.56	cps
Bromine	81-2	180	137	173	163	14.29	cps
Cadmium	108-1	257003	260151	258890	258681	0.61	cps
Cadmium	106-1	372548	374526	374253	373775	0.29	cps
Cadmium	111-1	3314955	3421153	3369614	3368574	1.58	cps
Calcium	43-1	3378162	3414633	3478080	3423625	1.48	cps
Calcium	44-1	73020937	74737774	74206758	73988490	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5495987	5495049	5492022	5494353	0.04	cps
Cobalt	59-2	9998558	10075173	9972800	10015510	0.53	cps
Copper	63-2	66629174	66085474	66614359	66443002	0.47	cps
Dysprosium	156-1	227	257	273	252	9.38	cps
Dysprosium	156-2	653	647	640	647	1.03	cps
Erbium	164-1	253	267	303	274	9.43	cps
Erbium	164-2	190	173	197	187	6.44	cps
Gadolinium	160-1	277	327	300	301	8.31	cps
Gadolinium	160-2	1270	1080	1370	1240	11.88	cps
Holmium	165-1	35456894	34468001	34295842	34740246	1.80	cps
Holmium	165-2	21652117	21462059	21597559	21570578	0.45	cps
Indium	115-1	30303565	29659573	29552064	29838401	1.36	cps
Indium	115-2	9850694	9866967	9790746	9836135	0.41	cps
Iron	56-2	252822650	249737903	252245156	251601903	0.65	cps
Iron	57-2	6234651	6280423	6192130	6235735	0.71	cps
Iron	54-2	13771461	13859895	13712268	13781208	0.54	cps
Krypton	83-1	480	537	457	491	8.38	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:23:03	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	42075627	42989940	42958523	42674697	1.22	cps
Lead	207-1	36723920	37741715	37618890	37361509	1.49	cps
Lead	208-1	169507759	173561551	173010965	172026758	1.28	cps
Lithium	6-1	3372150	3361826	3380700	3371559	0.28	cps
Magnesium	24-2	49263859	48737033	48793766	48931553	0.59	cps
Manganese	55-2	41199214	41205948	40976318	41127160	0.32	cps
Molybdenum	94-1	47830641	48273561	47781536	47961913	0.57	cps
Molybdenum	95-1	68529447	69479311	68752919	68920559	0.72	cps
Molybdenum	96-1	75195679	76006404	76416324	75872802	0.82	cps
Molybdenum	97-1	42542449	43127486	42913095	42861010	0.69	cps
Molybdenum	98-1	109418052	112042805	111080158	110847005	1.20	cps
Neodymium	150-1	757	690	720	722	4.62	cps
Neodymium	150-2	163	143	137	148	9.39	cps
Nickel	60-2	2309747	2352754	2289169	2317223	1.40	cps
Phosphorus	31-2	292351	288192	288161	289568	0.83	cps
Potassium	39-2	28817523	29119546	28456886	28797985	1.15	cps
Rhodium	103-1	28820995	28274397	28004258	28366550	1.47	cps
Rhodium	103-2	16307849	16323219	16311446	16314171	0.05	cps
Scandium	45-1	16900618	16638331	16462568	16667172	1.32	cps
Scandium	45-2	1429826	1462371	1430956	1441051	1.28	cps
Selenium	82-1	209830	212503	212211	211514	0.69	cps
Selenium	77-2	21365	20995	20741	21034	1.49	cps
Selenium	78-2	69977	70125	69566	69889	0.41	cps
Silicon	28-1	21395394	21493117	21578162	21488891	0.43	cps
Silver	107-1	17416010	17456434	17460801	17444415	0.14	cps
Silver	109-1	16595372	16842302	16702427	16713367	0.74	cps
Sodium	23-2	78692837	78601837	78156172	78483615	0.37	cps
Strontium	86-1	4160083	4246272	4185161	4197172	1.06	cps
Strontium	88-1	36548009	36808609	36554751	36637123	0.41	cps
Sulfur	34-1	1328144	1349360	1357023	1344842	1.11	cps
Terbium	159-1	36248959	35474184	35328304	35683816	1.39	cps
Terbium	159-2	21917077	22044535	21926786	21962799	0.32	cps
Thallium	203-1	10609568	10794559	10825253	10743127	1.09	cps
Thallium	205-1	25567510	25619561	25926195	25704422	0.75	cps
Tin	118-1	10769309	10938178	10966719	10891402	0.98	cps
Titanium	47-1	16233779	16482016	16469053	16394949	0.85	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:23:03	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33255665	33902079	33307409	33488384	1.07	cps
Vanadium	51-2	4780772	4742046	4748259	4757026	0.44	cps
Yttrium	89-1	41837501	40690397	40465004	40997634	1.80	cps
Yttrium	89-2	10273618	10366556	10120852	10253675	1.21	cps
Zinc	66-2	10183202	10089406	10176992	10149867	0.52	cps
Zirconium	90-1	22644232	23166073	22934780	22915028	1.14	cps
Zirconium	91-1	4999190	5134540	5146384	5093371	1.61	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:25:48	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11101516	11078134	11164799	11114816	0.40	cps
Antimony	121-1	26311809	26257507	26173805	26247707	0.26	cps
Arsenic	75-2	1425699	1416090	1413001	1418263	0.47	cps
Barium	135-1	31851777	32033300	31966142	31950406	0.29	cps
Barium	137-1	55101121	55105251	55616434	55274269	0.54	cps
Beryllium	9-1	2493869	2474087	2460420	2476125	0.68	cps
Bismuth	209-1	18751133	18384551	19015362	18717015	1.69	cps
Bismuth	209-2	13394124	13352646	13245402	13330724	0.58	cps
Bromine	81-1	16910	17871	17674	17485	2.90	cps
Bromine	81-2	143	190	223	186	21.66	cps
Cadmium	108-1	508512	517279	513572	513121	0.86	cps
Cadmium	106-1	728673	731342	728655	729557	0.21	cps
Cadmium	111-1	6557741	6689778	6669156	6638891	1.07	cps
Calcium	43-1	6924957	6921162	6875572	6907230	0.40	cps
Calcium	44-1	147840582	147864795	148546978	148084118	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11047327	10903384	10987616	10979442	0.66	cps
Cobalt	59-2	19737516	20015611	19742930	19832019	0.80	cps
Copper	63-2	131530968	130477701	129748791	130585820	0.69	cps
Dysprosium	156-1	457	794	470	573	33.28	cps
Dysprosium	156-2	1350	1210	1333	1298	5.89	cps
Erbium	164-1	423	443	453	440	3.47	cps
Erbium	164-2	227	217	287	243	15.56	cps
Gadolinium	160-1	400	410	427	412	3.27	cps
Gadolinium	160-2	1380	1310	1320	1337	2.83	cps
Holmium	165-1	34201768	34327164	34284043	34270992	0.19	cps
Holmium	165-2	21709802	21305552	21392346	21469234	0.99	cps
Indium	115-1	28713972	29081617	28668156	28821248	0.79	cps
Indium	115-2	9798884	9663424	9643251	9701853	0.87	cps
Iron	56-2	500734313	504005792	497908859	500882988	0.61	cps
Iron	57-2	12428452	12610375	12341923	12460250	1.10	cps
Iron	54-2	27823909	27582080	27706341	27704110	0.44	cps
Krypton	83-1	527	480	517	508	4.84	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:25:48	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	85787244	85900540	84846250	85511345	0.68	cps
Lead	207-1	74267962	75183887	74449554	74633801	0.65	cps
Lead	208-1	342946297	344568805	343775582	343763561	0.24	cps
Lithium	6-1	3143747	3120534	3122417	3128899	0.41	cps
Magnesium	24-2	99273175	98272665	96739702	98095181	1.30	cps
Manganese	55-2	82242994	82747020	82966974	82652329	0.45	cps
Molybdenum	94-1	95936989	97150852	96142229	96410023	0.67	cps
Molybdenum	95-1	139572631	141611945	139973371	140385982	0.77	cps
Molybdenum	96-1	152218408	154962041	153234361	153471603	0.90	cps
Molybdenum	97-1	87010585	87685295	87680369	87458750	0.44	cps
Molybdenum	98-1	222336543	225055303	224692323	224028057	0.66	cps
Neodymium	150-1	1367	1393	1410	1390	1.57	cps
Neodymium	150-2	237	293	337	289	17.36	cps
Nickel	60-2	4545462	4585557	4537694	4556238	0.56	cps
Phosphorus	31-2	578940	572134	579152	576742	0.69	cps
Potassium	39-2	58400734	57951282	57931037	58094351	0.46	cps
Rhodium	103-1	27495207	27538561	27729345	27587705	0.45	cps
Rhodium	103-2	16290761	15929789	16067219	16095923	1.13	cps
Scandium	45-1	16245365	16294835	16389134	16309778	0.45	cps
Scandium	45-2	1490202	1462970	1460403	1471192	1.12	cps
Selenium	82-1	415497	416750	416357	416202	0.15	cps
Selenium	77-2	41655	41481	41047	41394	0.76	cps
Selenium	78-2	138826	139856	137064	138582	1.02	cps
Silicon	28-1	41619646	41867680	41161533	41549620	0.86	cps
Silver	107-1	34166931	34487599	34329827	34328119	0.47	cps
Silver	109-1	32792870	33113814	33039709	32982131	0.51	cps
Sodium	23-2	155458574	154935901	156258404	155550960	0.43	cps
Strontium	86-1	8444535	8493082	8583482	8507033	0.83	cps
Strontium	88-1	73305039	74229951	73832177	73789056	0.63	cps
Sulfur	34-1	2273210	2279966	2248994	2267390	0.72	cps
Terbium	159-1	35608460	34976969	35382665	35322698	0.91	cps
Terbium	159-2	22003771	21663851	21640793	21769472	0.93	cps
Thallium	203-1	21539103	21182468	21352945	21358172	0.84	cps
Thallium	205-1	51694889	51424013	50980581	51366494	0.70	cps
Tin	118-1	21668905	22075992	21765901	21836933	0.97	cps
Titanium	47-1	32808977	32943066	32924416	32892153	0.22	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:25:48	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67670582	67977761	67740604	67796316	0.24	cps
Vanadium	51-2	9604884	9566071	9659668	9610208	0.49	cps
Yttrium	89-1	40298513	40743933	40572858	40538434	0.55	cps
Yttrium	89-2	10385319	10383363	10208459	10325714	0.98	cps
Zinc	66-2	20065593	19894654	19836728	19932325	0.60	cps
Zirconium	90-1	46293638	46820943	46555244	46556608	0.57	cps
Zirconium	91-1	10255918	10353308	10383843	10331023	0.65	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:28:34	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55497058	53785734	56303529	55195440	2.33	cps
Antimony	121-1	14251	14951	18465	15889	14.21	cps
Arsenic	75-2	697	730	673	700	4.07	cps
Barium	135-1	12569	11832	11405	11935	4.94	cps
Barium	137-1	22348	19824	19761	20644	7.15	cps
Beryllium	9-1	356	250	211	272	27.46	cps
Bismuth	209-1	10864176	15622715	15287641	13924844	19.07	cps
Bismuth	209-2	11309553	11052067	11666687	11342769	2.72	cps
Bromine	81-1	19236	20424	19914	19858	3.00	cps
Bromine	81-2	317	283	323	308	6.96	cps
Cadmium	108-1	213	227	187	209	9.75	cps
Cadmium	106-1	7229	10601	10467	9432	20.24	cps
Cadmium	111-1	1867	1835	1923	1875	2.38	cps
Calcium	43-1	30736765	31815742	32532533	31695013	2.85	cps
Calcium	44-1	500700410	516729871	526952619	514794300	2.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34212	34182	34088	34161	0.19	cps
Cobalt	59-2	53132	53090	53742	53322	0.68	cps
Copper	63-2	29873	29409	29376	29553	0.94	cps
Dysprosium	156-1	783	713	830	776	7.57	cps
Dysprosium	156-2	563	527	627	572	8.84	cps
Erbium	164-1	907	997	953	952	4.73	cps
Erbium	164-2	613	647	593	618	4.36	cps
Gadolinium	160-1	857	927	827	870	5.90	cps
Gadolinium	160-2	1627	1733	1610	1657	4.04	cps
Holmium	165-1	21269866	30632964	30667067	27523299	19.68	cps
Holmium	165-2	19567731	19668002	20759759	19998497	3.31	cps
Indium	115-1	18049734	26470499	26462209	23660814	20.54	cps
Indium	115-2	9332738	9232418	9668903	9411353	2.43	cps
Iron	56-2	2422126951	2372234578	2378457458	2390939662	1.14	cps
Iron	57-2	58536099	59171632	58948421	58885384	0.55	cps
Iron	54-2	128624845	130831998	129819391	129758745	0.85	cps
Krypton	83-1	603	563	657	608	7.70	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:28:34	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15936	12940	12706	13861	13.00	cps
Lead	207-1	14261	11572	10431	12088	16.27	cps
Lead	208-1	64488	52540	50044	55691	13.86	cps
Lithium	6-1	1907752	2791343	2831451	2510182	20.80	cps
Magnesium	24-2	444584633	447419940	449500327	447168300	0.55	cps
Manganese	55-2	39983	39940	41019	40314	1.52	cps
Molybdenum	94-1	27229	22928	24350	24836	8.82	cps
Molybdenum	95-1	21227	15855	16229	17770	16.88	cps
Molybdenum	96-1	45047	40178	40489	41905	6.50	cps
Molybdenum	97-1	13587	9993	9750	11110	19.34	cps
Molybdenum	98-1	33067	24534	23943	27181	18.78	cps
Neodymium	150-1	493	527	487	502	4.27	cps
Neodymium	150-2	317	343	290	317	8.42	cps
Nickel	60-2	17347	17530	17390	17422	0.55	cps
Phosphorus	31-2	637	603	640	627	3.24	cps
Potassium	39-2	287062042	288396016	292447902	289301987	0.97	cps
Rhodium	103-1	16519161	24401445	24334792	21751799	20.83	cps
Rhodium	103-2	14266506	14255909	14979324	14500580	2.86	cps
Scandium	45-1	10539733	15718018	15852945	14036899	21.58	cps
Scandium	45-2	1429932	1435297	1497420	1454216	2.58	cps
Selenium	82-1	1328	1755	1611	1565	13.91	cps
Selenium	77-2	7	7	23	12	78.69	cps
Selenium	78-2	687	590	633	637	7.61	cps
Silicon	28-1	1802100	1775956	1791847	1789968	0.74	cps
Silver	107-1	4131	3170	2890	3397	19.15	cps
Silver	109-1	3731	3180	2684	3198	16.37	cps
Sodium	23-2	778665055	757975429	758404015	765014833	1.55	cps
Strontium	86-1	23769	24250	24320	24113	1.24	cps
Strontium	88-1	200107	204883	204867	203285	1.35	cps
Sulfur	34-1	266909	272041	271240	270064	1.02	cps
Terbium	159-1	21753416	32091355	31299567	28381446	20.27	cps
Terbium	159-2	20983767	20458499	19945229	20462498	2.54	cps
Thallium	203-1	2127	1500	1247	1625	27.89	cps
Thallium	205-1	5188	3754	3134	4025	26.17	cps
Tin	118-1	20261	19861	20672	20265	2.00	cps
Titanium	47-1	4624	3387	3410	3807	18.59	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:28:34	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5638	2477	1813	3310	61.76	cps
Vanadium	51-2	1657	1740	1573	1657	5.03	cps
Yttrium	89-1	25560280	38067244	37605990	33744505	21.02	cps
Yttrium	89-2	9881180	10059459	10266804	10069147	1.92	cps
Zinc	66-2	53328	52582	52555	52822	0.83	cps
Zirconium	90-1	37863	37267	38965	38032	2.26	cps
Zirconium	91-1	8566	8139	8503	8402	2.74	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:40:59	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	304793	305954	301575	304107	0.75	cps
Antimony	121-1	5709404	5692300	5591693	5664465	1.12	cps
Arsenic	75-2	332864	333298	325588	330583	1.31	cps
Barium	135-1	694450	688762	682291	688501	0.88	cps
Barium	137-1	1199321	1198724	1183084	1193709	0.77	cps
Beryllium	9-1	276445	271311	268484	272080	1.48	cps
Bismuth	209-1	20199711	20118981	19793586	20037426	1.07	cps
Bismuth	209-2	14866864	14947803	14319384	14711350	2.32	cps
Bromine	81-1	19576	19757	19907	19747	0.84	cps
Bromine	81-2	127	133	197	152	25.38	cps
Cadmium	108-1	52712	52367	51709	52263	0.98	cps
Cadmium	106-1	82781	83263	83431	83158	0.41	cps
Cadmium	111-1	757122	755153	751391	754555	0.39	cps
Calcium	43-1	159649	158804	158501	158985	0.37	cps
Calcium	44-1	3261945	3266903	3187347	3238732	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1275703	1275287	1287722	1279571	0.55	cps
Cobalt	59-2	2385801	2385227	2341671	2370900	1.07	cps
Copper	63-2	1476320	1476441	1468132	1473631	0.32	cps
Dysprosium	156-1	30	27	23	27	12.51	cps
Dysprosium	156-2	40	27	47	38	26.95	cps
Erbium	164-1	117	103	137	119	14.11	cps
Erbium	164-2	130	93	90	104	21.25	cps
Gadolinium	160-1	207	200	153	187	15.57	cps
Gadolinium	160-2	1150	1333	1213	1232	7.56	cps
Holmium	165-1	36098976	35312607	34928866	35446816	1.68	cps
Holmium	165-2	22934600	23192885	22466585	22864690	1.61	cps
Indium	115-1	33103991	32796257	32654638	32851629	0.70	cps
Indium	115-2	11312800	11293907	11066353	11224354	1.22	cps
Iron	56-2	22499640	22331349	22270626	22367205	0.53	cps
Iron	57-2	581497	575232	591704	582811	1.43	cps
Iron	54-2	1349682	1357377	1324365	1343808	1.29	cps
Krypton	83-1	540	497	460	499	8.03	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:40:59	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3683441	3675900	3635041	3664794	0.71	cps
Lead	207-1	3097472	3061205	3003656	3054111	1.55	cps
Lead	208-1	14465537	14393445	14194415	14351132	0.98	cps
Lithium	6-1	3407150	3416035	3371090	3398091	0.70	cps
Magnesium	24-2	1223456	1268144	1212894	1234831	2.38	cps
Manganese	55-2	942822	941686	937353	940620	0.31	cps
Molybdenum	94-1	1333	1307	1303	1315	1.25	cps
Molybdenum	95-1	803	697	713	738	7.78	cps
Molybdenum	96-1	1307	1393	1260	1320	5.13	cps
Molybdenum	97-1	583	427	487	499	15.84	cps
Molybdenum	98-1	1450	1253	1340	1348	7.31	cps
Neodymium	150-1	30	53	47	43	27.73	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	550901	550702	540512	547372	1.09	cps
Phosphorus	31-2	460	363	327	383	17.97	cps
Potassium	39-2	2714679	2752632	2669558	2712290	1.53	cps
Rhodium	103-1	32492058	32385627	31987149	32288278	0.82	cps
Rhodium	103-2	18810468	18517431	18590155	18639352	0.82	cps
Scandium	45-1	19029653	19026836	18733144	18929877	0.90	cps
Scandium	45-2	1671546	1669960	1612484	1651330	2.04	cps
Selenium	82-1	102269	103262	102332	102621	0.54	cps
Selenium	77-2	10160	10220	9990	10124	1.18	cps
Selenium	78-2	35777	35038	35375	35397	1.04	cps
Silicon	28-1	1618798	1635876	1635745	1630140	0.60	cps
Silver	107-1	1916104	1954286	1912904	1927765	1.19	cps
Silver	109-1	1856711	1842527	1831629	1843622	0.68	cps
Sodium	23-2	3472475	3470900	3387994	3443790	1.40	cps
Strontium	86-1	3394	3020	3167	3194	5.89	cps
Strontium	88-1	21209	20872	20578	20886	1.51	cps
Sulfur	34-1	329666	332676	329376	330573	0.55	cps
Terbium	159-1	37158012	36389805	36111253	36553023	1.48	cps
Terbium	159-2	22997300	23110656	22728694	22945550	0.85	cps
Thallium	203-1	4463847	4442254	4415184	4440428	0.55	cps
Thallium	205-1	10812633	10634243	10512956	10653277	1.41	cps
Tin	118-1	5034	4721	4878	4878	3.21	cps
Titanium	47-1	400	387	377	388	3.02	cps

1200

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:40:59	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	160	167	170	166	3.08	cps
Vanadium	51-2	1073518	1073634	1068507	1071886	0.27	cps
Yttrium	89-1	45675449	45217798	44659623	45184290	1.13	cps
Yttrium	89-2	11649295	11613545	11760067	11674302	0.65	cps
Zinc	66-2	476008	475728	472539	474758	0.41	cps
Zirconium	90-1	2377	2240	2510	2376	5.68	cps
Zirconium	91-1	1100	1103	1047	1083	2.94	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:44:35	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667	1691	750	1036	54.91	cps
Antimony	121-1	1027	1180	1610	1272	23.77	cps
Arsenic	75-2	40	140	17	66	99.94	cps
Barium	135-1	140	97	93	110	23.67	cps
Barium	137-1	307	213	190	237	26.08	cps
Beryllium	9-1	122	122	78	107	23.89	cps
Bismuth	209-1	19283462	20121707	19855064	19753411	2.17	cps
Bismuth	209-2	14389854	14410104	14417554	14405837	0.10	cps
Bromine	81-1	19403	19406	19693	19501	0.85	cps
Bromine	81-2	180	167	110	152	24.42	cps
Cadmium	108-1	27	23	30	27	12.51	cps
Cadmium	106-1	11571	11758	11575	11635	0.92	cps
Cadmium	111-1	1242	1256	1213	1237	1.73	cps
Calcium	43-1	797	593	630	673	16.10	cps
Calcium	44-1	78816	77223	77357	77799	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1887	1970	1920	1926	2.18	cps
Cobalt	59-2	503	2696	515	1238	101.97	cps
Copper	63-2	2424	11997	2580	5667	96.75	cps
Dysprosium	156-1	10	10	13	11	17.30	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	113	163	160	146	19.21	cps
Erbium	164-2	70	97	127	98	28.99	cps
Gadolinium	160-1	167	183	217	189	13.48	cps
Gadolinium	160-2	1203	1200	1170	1191	1.54	cps
Holmium	165-1	34615337	35666587	34774342	35018755	1.62	cps
Holmium	165-2	22190514	22175760	22064203	22143492	0.31	cps
Indium	115-1	32114770	33054499	32241296	32470188	1.57	cps
Indium	115-2	10914635	10895769	10937510	10915971	0.19	cps
Iron	56-2	44047	257164	42169	114460	107.98	cps
Iron	57-2	2237	9325	2387	4649	87.10	cps
Iron	54-2	5624	7183	5714	6174	14.17	cps
Krypton	83-1	557	537	490	528	6.48	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:44:35	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1347	1493	1387	1409	5.38	cps
Lead	207-1	1340	1113	1217	1223	9.28	cps
Lead	208-1	5791	5777	5434	5667	3.57	cps
Lithium	6-1	3285454	3387215	3421911	3364860	2.11	cps
Magnesium	24-2	6401	9754	6612	7589	24.74	cps
Manganese	55-2	617	4264	617	1833	114.92	cps
Molybdenum	94-1	813	980	1007	933	11.23	cps
Molybdenum	95-1	410	413	407	410	0.81	cps
Molybdenum	96-1	473	640	497	537	16.82	cps
Molybdenum	97-1	297	247	253	266	10.22	cps
Molybdenum	98-1	677	577	520	591	13.42	cps
Neodymium	150-1	13	10	13	12	15.73	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	327	777	250	451	63.09	cps
Phosphorus	31-2	467	350	313	377	21.26	cps
Potassium	39-2	103244	105058	103506	103936	0.94	cps
Rhodium	103-1	31425286	32522393	31652040	31866573	1.82	cps
Rhodium	103-2	18527169	18261871	18328647	18372562	0.75	cps
Scandium	45-1	18227673	18812015	18571815	18537168	1.58	cps
Scandium	45-2	1608264	1616118	1612162	1612181	0.24	cps
Selenium	82-1	1692	1778	1708	1726	2.67	cps
Selenium	77-2	3	13	3	7	86.65	cps
Selenium	78-2	697	693	627	672	5.87	cps
Silicon	28-1	1611223	1609477	1621441	1614047	0.40	cps
Silver	107-1	663	520	600	594	12.08	cps
Silver	109-1	520	380	427	442	16.12	cps
Sodium	23-2	69288	78792	69814	72631	7.35	cps
Strontium	86-1	960	833	957	917	7.88	cps
Strontium	88-1	607	453	470	510	16.50	cps
Sulfur	34-1	331890	329312	334258	331820	0.75	cps
Terbium	159-1	35988430	36791053	36428337	36402607	1.10	cps
Terbium	159-2	22693337	22523199	22566217	22594251	0.39	cps
Thallium	203-1	763	593	700	686	12.53	cps
Thallium	205-1	1843	1690	1847	1793	4.99	cps
Tin	118-1	3947	4171	4034	4051	2.78	cps
Titanium	47-1	340	287	250	292	15.49	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:44:35	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100	97	83	93	9.45	cps
Vanadium	51-2	50	140	50	80	64.96	cps
Yttrium	89-1	44042544	45288764	44146628	44492645	1.55	cps
Yttrium	89-2	11413242	11253107	11322701	11329683	0.71	cps
Zinc	66-2	893	2312	850	1352	61.54	cps
Zirconium	90-1	2174	2114	2270	2186	3.62	cps
Zirconium	91-1	430	467	483	460	5.93	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:47:51	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60604112	59507069	60692609	60267930	1.10	cps
Antimony	121-1	32774	33395	33379	33183	1.07	cps
Arsenic	75-2	553	550	623	576	7.19	cps
Barium	135-1	9947	9914	10374	10078	2.55	cps
Barium	137-1	17381	17541	18108	17677	2.16	cps
Beryllium	9-1	750	733	639	707	8.47	cps
Bismuth	209-1	19299092	19273951	18887993	19153679	1.20	cps
Bismuth	209-2	13602015	13594190	13233476	13476561	1.56	cps
Bromine	81-1	22587	23315	23589	23164	2.23	cps
Bromine	81-2	370	450	413	411	9.74	cps
Cadmium	108-1	5311	5034	4901	5082	4.12	cps
Cadmium	106-1	12636	11895	12185	12239	3.05	cps
Cadmium	111-1	4109	4053	4291	4151	2.99	cps
Calcium	43-1	7656645	7557402	7581770	7598606	0.68	cps
Calcium	44-1	123944511	122973341	122326661	123081504	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	261731	260487	258015	260078	0.73	cps
Cobalt	59-2	40118	40281	40435	40278	0.39	cps
Copper	63-2	114450	118027	115878	116118	1.55	cps
Dysprosium	156-1	137	110	93	113	19.29	cps
Dysprosium	156-2	70	77	67	71	7.16	cps
Erbium	164-1	237	197	183	206	13.50	cps
Erbium	164-2	143	150	190	161	15.66	cps
Gadolinium	160-1	307	297	227	277	15.76	cps
Gadolinium	160-2	1200	1270	1140	1203	5.41	cps
Holmium	165-1	36333408	36121223	36567543	36340724	0.61	cps
Holmium	165-2	22755636	22312440	22339739	22469272	1.11	cps
Indium	115-1	31795908	31846529	32063977	31902138	0.45	cps
Indium	115-2	10918808	10871947	10648663	10813139	1.33	cps
Iron	56-2	1154941583	1143291263	1146254410	1148162418	0.53	cps
Iron	57-2	28713069	28503314	28821555	28679313	0.56	cps
Iron	54-2	63352274	62859496	63422012	63211261	0.49	cps
Krypton	83-1	550	527	587	554	5.45	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:47:51	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	93959	88748	87637	90115	3.75	cps
Lead	207-1	74211	69795	69115	71040	3.90	cps
Lead	208-1	352111	333300	329838	338416	3.54	cps
Lithium	6-1	3084582	3079463	2899187	3021077	3.50	cps
Magnesium	24-2	106737542	105920255	108050395	106902731	1.01	cps
Manganese	55-2	77471	77502	76700	77225	0.59	cps
Molybdenum	94-1	17092452	17002262	17076161	17056958	0.28	cps
Molybdenum	95-1	30147504	30025773	30424051	30199109	0.68	cps
Molybdenum	96-1	32294330	32172292	32246443	32237688	0.19	cps
Molybdenum	97-1	18619676	18662036	18574083	18618598	0.24	cps
Molybdenum	98-1	48009303	48126578	48478411	48204764	0.51	cps
Neodymium	150-1	160	143	123	142	12.91	cps
Neodymium	150-2	83	57	53	64	25.51	cps
Nickel	60-2	29078	28991	28938	29003	0.24	cps
Phosphorus	31-2	3356226	3343598	3349792	3349872	0.19	cps
Potassium	39-2	134508048	134694748	134938878	134713891	0.16	cps
Rhodium	103-1	30410501	30511124	29936137	30285921	1.01	cps
Rhodium	103-2	17822614	17772260	17524524	17706466	0.90	cps
Scandium	45-1	18399064	18184146	18303251	18295487	0.59	cps
Scandium	45-2	1648456	1681893	1690618	1673655	1.33	cps
Selenium	82-1	1833	1711	1601	1715	6.76	cps
Selenium	77-2	13	23	13	17	34.65	cps
Selenium	78-2	697	633	797	709	11.62	cps
Silicon	28-1	1705669	1744212	1718895	1722925	1.14	cps
Silver	107-1	1157	1140	1107	1135	2.24	cps
Silver	109-1	1067	1127	1060	1084	3.39	cps
Sodium	23-2	180202577	180900311	179635384	180246091	0.35	cps
Strontium	86-1	326459	327268	329220	327649	0.43	cps
Strontium	88-1	2826218	2871041	2871259	2856173	0.91	cps
Sulfur	34-1	10798202	10638561	10637513	10691425	0.86	cps
Terbium	159-1	37904269	37781726	37766799	37817598	0.20	cps
Terbium	159-2	23149280	23004866	22861824	23005324	0.62	cps
Thallium	203-1	3470	3701	3947	3706	6.43	cps
Thallium	205-1	8006	8740	9006	8584	6.04	cps
Tin	118-1	61112	50766	42399	51426	18.23	cps
Titanium	47-1	7454876	7327024	7346845	7376248	0.93	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:47:51	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1353	1160	1327	1280	8.19	cps
Vanadium	51-2	2184	2217	1993	2131	5.65	cps
Yttrium	89-1	45363926	45477479	45314409	45385272	0.18	cps
Yttrium	89-2	11723241	11513157	11542925	11593107	0.98	cps
Zinc	66-2	26660	26981	26901	26848	0.62	cps
Zirconium	90-1	2530	2737	3044	2770	9.32	cps
Zirconium	91-1	563	530	643	579	10.06	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:50:54	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62231512	61818377	61205321	61751737	0.84	cps
Antimony	121-1	573832	574606	581096	576511	0.69	cps
Arsenic	75-2	31564	31063	31440	31355	0.83	cps
Barium	135-1	142512	142065	141444	142007	0.38	cps
Barium	137-1	244991	246915	244154	245353	0.58	cps
Beryllium	9-1	43611	41628	40743	41994	3.50	cps
Bismuth	209-1	19641679	19591334	19446275	19559763	0.52	cps
Bismuth	209-2	13473668	13130124	13177846	13260546	1.40	cps
Bromine	81-1	23549	23926	23950	23808	0.94	cps
Bromine	81-2	523	403	487	471	13.05	cps
Cadmium	108-1	14471	13870	13917	14086	2.37	cps
Cadmium	106-1	24885	24614	24891	24797	0.64	cps
Cadmium	111-1	137600	138804	137637	138014	0.50	cps
Calcium	43-1	7824820	7767330	7585755	7725968	1.62	cps
Calcium	44-1	128001953	125058674	123647673	125569433	1.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506846	504602	502805	504751	0.40	cps
Cobalt	59-2	475162	473578	468022	472254	0.79	cps
Copper	63-2	384377	380143	382118	382213	0.55	cps
Dysprosium	156-1	130	123	103	119	11.68	cps
Dysprosium	156-2	123	127	73	108	27.72	cps
Erbium	164-1	233	197	220	217	8.57	cps
Erbium	164-2	143	127	140	137	6.45	cps
Gadolinium	160-1	253	340	293	296	14.68	cps
Gadolinium	160-2	1150	1237	1203	1197	3.65	cps
Holmium	165-1	37754841	37102891	36685215	37180983	1.45	cps
Holmium	165-2	22484065	22323306	22304930	22370767	0.44	cps
Indium	115-1	33355735	33416529	32437591	33069952	1.66	cps
Indium	115-2	10914854	10889328	10832678	10878953	0.39	cps
Iron	56-2	1195369876	1182292889	1174100756	1183921173	0.91	cps
Iron	57-2	29534574	29433077	29173472	29380374	0.63	cps
Iron	54-2	64611576	64750256	64345542	64569125	0.32	cps
Krypton	83-1	627	527	630	594	9.88	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:50:54	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	429960	433265	428707	430644	0.55	cps
Lead	207-1	361216	359473	358529	359739	0.38	cps
Lead	208-1	1670516	1674998	1670567	1672027	0.15	cps
Lithium	6-1	2824048	2684128	2673414	2727196	3.08	cps
Magnesium	24-2	111102325	110118102	110330078	110516835	0.47	cps
Manganese	55-2	256760	253887	254390	255012	0.60	cps
Molybdenum	94-1	17686499	17521512	17208744	17472252	1.39	cps
Molybdenum	95-1	30879693	30836360	30528405	30748153	0.62	cps
Molybdenum	96-1	33336989	33129377	32991946	33152771	0.52	cps
Molybdenum	97-1	19474167	19271446	19049556	19265056	1.10	cps
Molybdenum	98-1	49821246	49528068	49209113	49519475	0.62	cps
Neodymium	150-1	143	127	143	138	6.99	cps
Neodymium	150-2	73	80	70	74	6.84	cps
Nickel	60-2	127042	128004	125796	126947	0.87	cps
Phosphorus	31-2	3475795	3406020	3431303	3437706	1.03	cps
Potassium	39-2	140065951	138973308	137458098	138832452	0.94	cps
Rhodium	103-1	31314247	30793580	30894080	31000636	0.89	cps
Rhodium	103-2	17948833	17937464	17875179	17920492	0.22	cps
Scandium	45-1	18901494	18582088	18417353	18633645	1.32	cps
Scandium	45-2	1726004	1711278	1717766	1718349	0.43	cps
Selenium	82-1	10482	10500	10718	10567	1.24	cps
Selenium	77-2	827	840	907	858	5.00	cps
Selenium	78-2	3637	3620	3794	3684	2.60	cps
Silicon	28-1	1759451	1742223	1743189	1748288	0.55	cps
Silver	107-1	692702	688817	685284	688934	0.54	cps
Silver	109-1	662935	663064	657808	661269	0.45	cps
Sodium	23-2	185203277	186162677	184530904	185298953	0.44	cps
Strontium	86-1	341649	340133	339128	340303	0.37	cps
Strontium	88-1	2961811	2952333	2966038	2960061	0.24	cps
Sulfur	34-1	10773287	10630582	10618951	10674274	0.81	cps
Terbium	159-1	38258288	38805635	37880794	38314906	1.21	cps
Terbium	159-2	23062005	22887060	22801380	22916815	0.58	cps
Thallium	203-1	437911	435257	429540	434236	0.99	cps
Thallium	205-1	1030160	1028783	1029996	1029647	0.07	cps
Tin	118-1	21767	19613	19116	20165	6.99	cps
Titanium	47-1	7673403	7525871	7397325	7532200	1.83	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-11-10 23:50:54	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1403	1333	1203	1313	7.73	cps
Vanadium	51-2	208551	210423	207645	208873	0.68	cps
Yttrium	89-1	47485199	47080684	46094328	46886737	1.53	cps
Yttrium	89-2	11746536	11758062	11569839	11691479	0.90	cps
Zinc	66-2	72126	70840	70998	71321	0.98	cps
Zirconium	90-1	2530	2717	2754	2667	4.49	cps
Zirconium	91-1	687	623	627	646	5.52	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:07:43	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32704649	32517400	33033578	32751875	0.80	cps
Antimony	121-1	14241178	14473541	14502468	14405729	0.99	cps
Arsenic	75-2	852613	854315	856485	854471	0.23	cps
Barium	135-1	16949526	17464818	17154725	17189690	1.51	cps
Barium	137-1	28919548	30171875	29507915	29533112	2.12	cps
Beryllium	9-1	1214099	1257155	1243355	1238203	1.78	cps
Bismuth	209-1	20425437	19361112	18738188	19508246	4.37	cps
Bismuth	209-2	13208939	12945022	12950995	13034985	1.16	cps
Bromine	81-1	21406	21596	21823	21608	0.97	cps
Bromine	81-2	207	160	170	179	13.74	cps
Cadmium	108-1	282076	288458	286392	285642	1.14	cps
Cadmium	106-1	407228	416256	417271	413585	1.34	cps
Cadmium	111-1	3663953	3790404	3687708	3714022	1.81	cps
Calcium	43-1	19120074	19160449	19195448	19158657	0.20	cps
Calcium	44-1	326361871	330034461	332357710	329584681	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6404117	6314255	6319507	6345960	0.79	cps
Cobalt	59-2	12165340	12080071	12135418	12126943	0.36	cps
Copper	63-2	76594509	76215006	76217227	76342247	0.29	cps
Dysprosium	156-1	623	687	710	673	6.66	cps
Dysprosium	156-2	1033	1030	1027	1030	0.32	cps
Erbium	164-1	743	787	693	741	6.30	cps
Erbium	164-2	503	467	480	483	3.84	cps
Gadolinium	160-1	637	620	650	636	2.36	cps
Gadolinium	160-2	1490	1393	1503	1462	4.11	cps
Holmium	165-1	39427452	37256059	35730029	37471180	4.96	cps
Holmium	165-2	22710075	22521886	22470034	22567332	0.56	cps
Indium	115-1	34224821	32128314	31396580	32583238	4.51	cps
Indium	115-2	10674591	10579343	10590221	10614718	0.49	cps
Iron	56-2	1400488886	1404631499	1408064832	1404395072	0.27	cps
Iron	57-2	35522992	35027884	35413040	35321305	0.74	cps
Iron	54-2	76713197	76594879	77433402	76913826	0.59	cps
Krypton	83-1	507	527	670	568	15.69	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:07:43	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	42934497	43611572	44069146	43538405	1.31	cps
Lead	207-1	37282160	37870768	38072608	37741845	1.09	cps
Lead	208-1	173966489	175463182	174782159	174737277	0.43	cps
Lithium	6-1	3157957	3023004	2979618	3053526	3.05	cps
Magnesium	24-2	281248762	282671582	278178803	280699716	0.82	cps
Manganese	55-2	47691058	47394228	47462076	47515787	0.33	cps
Molybdenum	94-1	53414164	54000131	54056256	53823517	0.66	cps
Molybdenum	95-1	77127419	78936479	77814654	77959517	1.17	cps
Molybdenum	96-1	85185877	86299415	84895745	85460346	0.87	cps
Molybdenum	97-1	48005066	48992544	48617664	48538425	1.03	cps
Molybdenum	98-1	123660611	126408848	125950021	125339827	1.17	cps
Neodymium	150-1	890	960	977	942	4.88	cps
Neodymium	150-2	367	257	263	296	20.87	cps
Nickel	60-2	2753015	2704809	2738095	2731973	0.90	cps
Phosphorus	31-2	335025	334058	334760	334614	0.15	cps
Potassium	39-2	168354024	169706451	169399304	169153260	0.42	cps
Rhodium	103-1	32138282	30028038	29451740	30539353	4.63	cps
Rhodium	103-2	17196714	16894238	16846323	16979092	1.12	cps
Scandium	45-1	19945691	19034711	18591210	19190538	3.60	cps
Scandium	45-2	1673081	1655439	1668395	1665638	0.55	cps
Selenium	82-1	241166	246347	244126	243880	1.07	cps
Selenium	77-2	24814	24761	24797	24791	0.11	cps
Selenium	78-2	83125	82207	82968	82766	0.59	cps
Silicon	28-1	9087398	9316935	9353824	9252719	1.56	cps
Silver	107-1	19003121	19141438	18973862	19039474	0.47	cps
Silver	109-1	18241996	18494063	18117422	18284493	1.05	cps
Sodium	23-2	447124673	441990673	447014540	445376629	0.66	cps
Strontium	86-1	5051590	5174551	5098778	5108306	1.21	cps
Strontium	88-1	43308299	44837661	44810804	44318922	1.98	cps
Sulfur	34-1	1452647	1422863	1453041	1442850	1.20	cps
Terbium	159-1	40150499	38612364	37411932	38724932	3.54	cps
Terbium	159-2	23461147	22654393	22684099	22933213	1.99	cps
Thallium	203-1	10802285	11079210	10858694	10913397	1.34	cps
Thallium	205-1	26194902	26560378	26026173	26260484	1.04	cps
Tin	118-1	11745416	12011391	11949271	11902026	1.17	cps
Titanium	47-1	18309746	18684192	18861093	18618343	1.51	cps

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Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:07:43	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34220044	34852149	34960332	34677508	1.15	cps
Vanadium	51-2	5647247	5577709	5587247	5604068	0.67	cps
Yttrium	89-1	49004514	46386409	45313886	46901603	4.05	cps
Yttrium	89-2	11688827	11437239	11598123	11574730	1.10	cps
Zinc	66-2	11672587	11698135	11760259	11710327	0.39	cps
Zirconium	90-1	25862385	26704456	26610716	26392519	1.75	cps
Zirconium	91-1	5721565	5980871	5856835	5853090	2.22	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:10:56	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	577	563	2979	1373	101.30	cps
Antimony	121-1	3387	4574	6448	4803	32.13	cps
Arsenic	75-2	47	33	73	51	39.86	cps
Barium	135-1	297	207	163	222	30.61	cps
Barium	137-1	583	347	320	417	34.79	cps
Beryllium	9-1	133	172	133	146	15.35	cps
Bismuth	209-1	20809336	21037123	20561361	20802606	1.14	cps
Bismuth	209-2	14711004	14568254	14597287	14625515	0.52	cps
Bromine	81-1	21489	21719	20678	21295	2.57	cps
Bromine	81-2	163	157	147	156	5.39	cps
Cadmium	108-1	60	40	60	53	21.65	cps
Cadmium	106-1	12746	12112	11772	12210	4.05	cps
Cadmium	111-1	1509	1344	1339	1397	6.93	cps
Calcium	43-1	883	637	630	717	20.15	cps
Calcium	44-1	86936	84948	84004	85296	1.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1627	1847	1743	1739	6.33	cps
Cobalt	59-2	510	490	613	538	12.31	cps
Copper	63-2	3004	3030	3859	3298	14.74	cps
Dysprosium	156-1	13	17	17	16	12.40	cps
Dysprosium	156-2	0	13	17	10	88.20	cps
Erbium	164-1	87	170	130	129	32.33	cps
Erbium	164-2	70	93	80	81	14.43	cps
Gadolinium	160-1	197	197	143	179	17.21	cps
Gadolinium	160-2	1153	1230	1233	1206	3.75	cps
Holmium	165-1	36652983	36135345	36265851	36351393	0.74	cps
Holmium	165-2	22724888	22806134	22715223	22748748	0.22	cps
Indium	115-1	34070312	34038800	33735733	33948282	0.54	cps
Indium	115-2	11495662	11270758	11404385	11390268	0.99	cps
Iron	56-2	48077	47883	69048	55002	22.12	cps
Iron	57-2	2437	2294	3161	2630	17.67	cps
Iron	54-2	5688	5714	11017	7473	41.07	cps
Krypton	83-1	480	553	467	500	9.33	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:10:56	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2534	2307	2020	2287	11.25	cps
Lead	207-1	2167	1827	1817	1937	10.29	cps
Lead	208-1	9935	8748	8174	8952	10.03	cps
Lithium	6-1	3190564	3219276	3224806	3211549	0.57	cps
Magnesium	24-2	7375	7545	18932	11284	58.70	cps
Manganese	55-2	587	637	2180	1134	79.83	cps
Molybdenum	94-1	2217	2277	2324	2272	2.35	cps
Molybdenum	95-1	2154	2200	2397	2250	5.74	cps
Molybdenum	96-1	2770	2597	2534	2634	4.65	cps
Molybdenum	97-1	1327	1297	1590	1405	11.49	cps
Molybdenum	98-1	3741	3334	3807	3627	7.07	cps
Neodymium	150-1	13	23	13	17	34.65	cps
Neodymium	150-2	0	13	3	6	124.93	cps
Nickel	60-2	353	320	313	329	6.52	cps
Phosphorus	31-2	320	320	403	348	13.83	cps
Potassium	39-2	139663	139035	142119	140273	1.16	cps
Rhodium	103-1	32927139	33075818	33076273	33026410	0.26	cps
Rhodium	103-2	19158894	19160456	19049396	19122915	0.33	cps
Scandium	45-1	18925332	18728548	18850890	18834923	0.53	cps
Scandium	45-2	1715804	1724773	1687147	1709241	1.15	cps
Selenium	82-1	1613	1596	1732	1647	4.51	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	743	700	720	721	3.01	cps
Silicon	28-1	1613306	1600136	1604347	1605930	0.42	cps
Silver	107-1	1110	890	873	958	13.79	cps
Silver	109-1	1040	783	813	879	15.97	cps
Sodium	23-2	88596	88063	118589	98416	17.75	cps
Strontium	86-1	1030	977	890	966	7.32	cps
Strontium	88-1	1090	773	580	814	31.61	cps
Sulfur	34-1	296771	301073	302009	299951	0.93	cps
Terbium	159-1	38388559	37728249	37629412	37915407	1.09	cps
Terbium	159-2	23246301	23183549	22921929	23117260	0.74	cps
Thallium	203-1	1620	1530	1603	1585	3.02	cps
Thallium	205-1	4137	3641	3901	3893	6.38	cps
Tin	118-1	5312	4601	4401	4771	10.04	cps
Titanium	47-1	640	550	397	529	23.26	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:10:56	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	643	363	340	449	37.60	cps
Vanadium	51-2	53	87	160	100	54.57	cps
Yttrium	89-1	46263936	46101939	46442279	46269385	0.37	cps
Yttrium	89-2	11925500	11990463	11848604	11921522	0.60	cps
Zinc	66-2	710	680	820	737	10.01	cps
Zirconium	90-1	2737	2917	3340	2998	10.33	cps
Zirconium	91-1	550	600	637	596	7.30	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BL	Instrumnet Name :	P7
Client Sample ID :	PBS599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:14:36	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	450	427	464	10.06	cps
Antimony	121-1	907	1353	1953	1405	37.40	cps
Arsenic	75-2	13	17	23	18	28.64	cps
Barium	135-1	167	103	100	123	30.46	cps
Barium	137-1	210	207	180	199	8.27	cps
Beryllium	9-1	128	117	72	106	27.85	cps
Bismuth	209-1	20421213	20286642	20409017	20372291	0.37	cps
Bismuth	209-2	14486588	14428356	14256844	14390596	0.83	cps
Bromine	81-1	21456	22083	21733	21757	1.45	cps
Bromine	81-2	180	153	167	167	8.00	cps
Cadmium	108-1	50	33	37	40	22.05	cps
Cadmium	106-1	12372	12185	12145	12234	0.99	cps
Cadmium	111-1	1331	1318	1300	1316	1.16	cps
Calcium	43-1	593	547	553	564	4.47	cps
Calcium	44-1	81621	79115	78776	79837	1.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1937	1827	1760	1841	4.85	cps
Cobalt	59-2	465	507	527	499	6.30	cps
Copper	63-2	2597	2674	2594	2621	1.73	cps
Dysprosium	156-1	13	17	17	16	12.40	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	120	130	180	143	22.43	cps
Erbium	164-2	100	90	70	87	17.63	cps
Gadolinium	160-1	193	183	217	198	8.65	cps
Gadolinium	160-2	1263	1263	1160	1229	4.86	cps
Holmium	165-1	36437131	36590471	35716816	36248139	1.29	cps
Holmium	165-2	22780723	22479966	22436884	22565858	0.83	cps
Indium	115-1	33682080	33465595	33297801	33481825	0.58	cps
Indium	115-2	11269665	11352393	11002681	11208246	1.63	cps
Iron	56-2	43707	42226	43102	43011	1.73	cps
Iron	57-2	2334	2294	2154	2260	4.18	cps
Iron	54-2	5621	5321	5374	5439	2.94	cps
Krypton	83-1	550	540	537	542	1.28	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BL	Instrumnet Name :	P7
Client Sample ID :	PBS599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:14:36	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1810	1607	1553	1657	8.18	cps
Lead	207-1	1490	1340	1277	1369	8.00	cps
Lead	208-1	7151	6437	6161	6583	7.76	cps
Lithium	6-1	3197999	3169493	3090058	3152517	1.77	cps
Magnesium	24-2	7035	7068	6348	6817	5.96	cps
Manganese	55-2	523	523	533	527	1.10	cps
Molybdenum	94-1	1050	1210	1183	1148	7.47	cps
Molybdenum	95-1	660	657	773	697	9.53	cps
Molybdenum	96-1	920	850	1017	929	9.01	cps
Molybdenum	97-1	423	470	483	459	6.87	cps
Molybdenum	98-1	1127	907	1123	1052	11.98	cps
Neodymium	150-1	23	20	10	18	39.03	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	357	347	353	352	1.45	cps
Phosphorus	31-2	410	343	320	358	13.05	cps
Potassium	39-2	125959	126224	123412	125198	1.24	cps
Rhodium	103-1	33092184	32942897	32768867	32934649	0.49	cps
Rhodium	103-2	19090662	19394190	18794186	19093013	1.57	cps
Scandium	45-1	19003923	18889876	18524714	18806171	1.33	cps
Scandium	45-2	1698619	1702904	1700063	1700529	0.13	cps
Selenium	82-1	1574	1628	1552	1585	2.46	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	690	830	683	734	11.28	cps
Silicon	28-1	1587751	1584357	1552031	1574713	1.25	cps
Silver	107-1	563	513	547	541	4.70	cps
Silver	109-1	390	360	370	373	4.09	cps
Sodium	23-2	75728	75678	75011	75472	0.53	cps
Strontium	86-1	947	920	843	903	5.94	cps
Strontium	88-1	663	453	457	524	22.94	cps
Sulfur	34-1	312571	310382	311930	311628	0.36	cps
Terbium	159-1	38327503	37839410	37454448	37873787	1.16	cps
Terbium	159-2	22981226	22929928	22941607	22950920	0.12	cps
Thallium	203-1	1103	1187	1077	1122	5.11	cps
Thallium	205-1	2904	2540	2627	2690	7.06	cps
Tin	118-1	4141	5029	4177	4449	11.30	cps
Titanium	47-1	340	263	307	303	12.67	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BL	Instrumnet Name :	P7
Client Sample ID :	PBS599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:14:36	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	180	177	143	167	12.16	cps
Vanadium	51-2	63	47	37	49	27.55	cps
Yttrium	89-1	47078338	45955126	46061074	46364846	1.34	cps
Yttrium	89-2	11835757	11875909	11658277	11789981	0.98	cps
Zinc	66-2	603	583	600	596	1.80	cps
Zirconium	90-1	1950	2144	2444	2179	11.41	cps
Zirconium	91-1	413	440	420	424	3.27	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BS	Instrumnet Name :	P7
Client Sample ID :	LCS599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:17:53	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28533	28433	28810	28592	0.68	cps
Antimony	121-1	129402	128794	129887	129361	0.42	cps
Arsenic	75-2	3874	3831	3694	3799	2.47	cps
Barium	135-1	151274	151042	151163	151160	0.08	cps
Barium	137-1	264599	263412	260457	262823	0.81	cps
Beryllium	9-1	5573	5523	5212	5436	3.60	cps
Bismuth	209-1	21328803	20018168	20276174	20541048	3.38	cps
Bismuth	209-2	14250975	14329103	14176781	14252286	0.53	cps
Bromine	81-1	20965	20691	20798	20818	0.66	cps
Bromine	81-2	137	163	107	136	20.91	cps
Cadmium	108-1	1343	1307	1210	1287	5.35	cps
Cadmium	106-1	14958	13940	13967	14288	4.06	cps
Cadmium	111-1	18774	18535	18736	18681	0.69	cps
Calcium	43-1	86984	86632	85814	86477	0.69	cps
Calcium	44-1	1508837	1523166	1506983	1512995	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61635	60407	60437	60827	1.15	cps
Cobalt	59-2	52997	53518	53821	53445	0.78	cps
Copper	63-2	75094	74220	72387	73900	1.87	cps
Dysprosium	156-1	27	53	30	37	39.62	cps
Dysprosium	156-2	17	13	27	19	36.75	cps
Erbium	164-1	170	157	143	157	8.51	cps
Erbium	164-2	53	117	93	88	36.49	cps
Gadolinium	160-1	197	220	147	188	19.95	cps
Gadolinium	160-2	1207	1120	1113	1147	4.54	cps
Holmium	165-1	38734376	36008597	35358697	36700557	4.88	cps
Holmium	165-2	22210567	22445443	22247912	22301307	0.57	cps
Indium	115-1	35277557	33514491	33547994	34113347	2.96	cps
Indium	115-2	11270556	11148844	11086222	11168541	0.84	cps
Iron	56-2	5264852	5235380	5195405	5231879	0.67	cps
Iron	57-2	137620	135999	137344	136987	0.63	cps
Iron	54-2	303941	299361	299048	300783	0.91	cps
Krypton	83-1	533	570	570	558	3.80	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BS	Instrumnet Name :	P7
Client Sample ID :	LCS599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:17:53	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	42440	42764	42567	42590	0.38	cps
Lead	207-1	37097	36777	37539	37137	1.03	cps
Lead	208-1	170845	170140	170524	170503	0.21	cps
Lithium	6-1	3242684	3010872	3172805	3142120	3.78	cps
Magnesium	24-2	1249239	1272484	1268630	1263451	0.99	cps
Manganese	55-2	22280	22297	22073	22217	0.56	cps
Molybdenum	94-1	140355	142620	141391	141455	0.80	cps
Molybdenum	95-1	170676	169937	167220	169278	1.08	cps
Molybdenum	96-1	189788	189714	188643	189381	0.34	cps
Molybdenum	97-1	106317	105215	105803	105778	0.52	cps
Molybdenum	98-1	273488	273214	271457	272720	0.40	cps
Neodymium	150-1	20	27	30	26	19.92	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	12542	12829	12392	12588	1.76	cps
Phosphorus	31-2	380	377	357	371	3.40	cps
Potassium	39-2	1637909	1645529	1602615	1628684	1.41	cps
Rhodium	103-1	34788786	32163160	32177885	33043277	4.57	cps
Rhodium	103-2	19023464	18938090	18707795	18889783	0.86	cps
Scandium	45-1	19778603	18821937	18823226	19141255	2.88	cps
Scandium	45-2	1694323	1697363	1703822	1698503	0.29	cps
Selenium	82-1	7268	7197	7083	7183	1.30	cps
Selenium	77-2	600	553	590	581	4.23	cps
Selenium	78-2	2754	2460	2557	2590	5.77	cps
Silicon	28-1	1886665	1849135	1879132	1871644	1.06	cps
Silver	107-1	87193	88394	88166	87917	0.73	cps
Silver	109-1	82258	83632	83432	83107	0.89	cps
Sodium	23-2	2032721	2055383	1995615	2027906	1.49	cps
Strontium	86-1	22207	21840	22067	22038	0.84	cps
Strontium	88-1	186622	183891	184961	185158	0.74	cps
Sulfur	34-1	322500	323313	323188	323001	0.14	cps
Terbium	159-1	39676457	37514759	37255029	38148748	3.48	cps
Terbium	159-2	22796705	23131085	22543347	22823712	1.29	cps
Thallium	203-1	52006	51373	50911	51430	1.07	cps
Thallium	205-1	122409	121434	120368	121403	0.84	cps
Tin	118-1	4734	4687	4791	4738	1.09	cps
Titanium	47-1	41233	41517	41818	41522	0.70	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BS	Instrumnet Name :	P7
Client Sample ID :	LCS599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:17:53	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	151392	152104	150490	151329	0.53	cps
Vanadium	51-2	124038	122630	124387	123685	0.75	cps
Yttrium	89-1	49573874	46014579	46235683	47274712	4.22	cps
Yttrium	89-2	11744548	11645399	11674449	11688132	0.44	cps
Zinc	66-2	28821	28524	28487	28611	0.64	cps
Zirconium	90-1	119095	119145	118137	118792	0.48	cps
Zirconium	91-1	26551	26254	26107	26304	0.86	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:21:05	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15425	15365	15101	15297	1.13	cps
Antimony	121-1	66469	65987	66831	66429	0.64	cps
Arsenic	75-2	2083	1930	1873	1962	5.54	cps
Barium	135-1	78093	77446	77054	77531	0.68	cps
Barium	137-1	134647	134796	131676	133706	1.32	cps
Beryllium	9-1	2778	2734	2923	2811	3.51	cps
Bismuth	209-1	20344479	20098627	19408231	19950446	2.43	cps
Bismuth	209-2	14256178	14380280	14391456	14342638	0.52	cps
Bromine	81-1	20771	20388	20785	20648	1.09	cps
Bromine	81-2	160	130	167	152	12.83	cps
Cadmium	108-1	777	623	703	701	10.94	cps
Cadmium	106-1	13737	13066	12592	13132	4.38	cps
Cadmium	111-1	10418	10504	10069	10331	2.23	cps
Calcium	43-1	45615	43693	44398	44569	2.18	cps
Calcium	44-1	833639	827716	820342	827233	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31172	31770	31460	31467	0.95	cps
Cobalt	59-2	27621	27826	27712	27719	0.37	cps
Copper	63-2	40485	40114	40231	40276	0.47	cps
Dysprosium	156-1	20	27	13	20	33.35	cps
Dysprosium	156-2	13	13	17	14	13.35	cps
Erbium	164-1	160	157	133	150	9.68	cps
Erbium	164-2	100	100	80	93	12.37	cps
Gadolinium	160-1	240	217	150	202	23.10	cps
Gadolinium	160-2	1267	1183	1107	1186	6.75	cps
Holmium	165-1	36756342	35786264	35514595	36019067	1.81	cps
Holmium	165-2	22397939	22016030	22330112	22248027	0.92	cps
Indium	115-1	33907746	33237576	32844626	33329983	1.61	cps
Indium	115-2	11357964	11211431	11265382	11278259	0.66	cps
Iron	56-2	2695502	2694092	2721463	2703686	0.57	cps
Iron	57-2	72648	71402	70230	71426	1.69	cps
Iron	54-2	159222	158339	158949	158837	0.28	cps
Krypton	83-1	530	553	507	530	4.40	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:21:05	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22362	22552	22158	22357	0.88	cps
Lead	207-1	19608	19714	19184	19502	1.44	cps
Lead	208-1	90131	90606	88607	89781	1.16	cps
Lithium	6-1	3188140	3108586	2944099	3080275	4.04	cps
Magnesium	24-2	643982	642442	641883	642769	0.17	cps
Manganese	55-2	11955	11661	12082	11899	1.81	cps
Molybdenum	94-1	71540	71483	71306	71443	0.17	cps
Molybdenum	95-1	88700	87918	86772	87797	1.10	cps
Molybdenum	96-1	98445	96183	96462	97030	1.27	cps
Molybdenum	97-1	55428	54732	54030	54730	1.28	cps
Molybdenum	98-1	141455	139286	138412	139718	1.12	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	6542	6912	6958	6804	3.36	cps
Phosphorus	31-2	317	383	347	349	9.57	cps
Potassium	39-2	925406	925649	924723	925259	0.05	cps
Rhodium	103-1	33158820	32605383	32038082	32600761	1.72	cps
Rhodium	103-2	19084854	18863068	18717216	18888380	0.98	cps
Scandium	45-1	19300543	18703182	18601328	18868351	2.00	cps
Scandium	45-2	1715943	1700166	1710492	1708867	0.47	cps
Selenium	82-1	4408	4412	4478	4433	0.89	cps
Selenium	77-2	310	320	297	309	3.79	cps
Selenium	78-2	1703	1673	1630	1669	2.21	cps
Silicon	28-1	1721108	1735733	1732172	1729671	0.44	cps
Silver	107-1	45070	44899	45127	45032	0.26	cps
Silver	109-1	43167	42816	42442	42809	0.85	cps
Sodium	23-2	1090628	1093568	1084429	1089541	0.43	cps
Strontium	86-1	11635	11798	11571	11668	1.00	cps
Strontium	88-1	97470	95262	96588	96440	1.15	cps
Sulfur	34-1	321173	318581	319954	319903	0.41	cps
Terbium	159-1	38354837	37527334	37395540	37759237	1.38	cps
Terbium	159-2	22937514	22745350	22525565	22736143	0.91	cps
Thallium	203-1	26062	26483	26202	26249	0.82	cps
Thallium	205-1	62921	63012	62178	62704	0.73	cps
Tin	118-1	4581	4604	4337	4507	3.28	cps
Titanium	47-1	21709	20931	21118	21253	1.91	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164599BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD599	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:21:05	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77742	76592	76582	76972	0.87	cps
Vanadium	51-2	63600	63064	62519	63061	0.86	cps
Yttrium	89-1	47124794	46093641	45738389	46318942	1.55	cps
Yttrium	89-2	11841121	11704705	11771478	11772435	0.58	cps
Zinc	66-2	18732	18178	18088	18332	1.90	cps
Zirconium	90-1	62566	61224	60490	61427	1.71	cps
Zirconium	91-1	13893	13396	13093	13461	3.00	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BL	Instrumnet Name :	P7
Client Sample ID :	PBS601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:24:22	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	647	637	647	643	0.90	cps
Antimony	121-1	453	420	683	519	27.63	cps
Arsenic	75-2	20	30	17	22	31.22	cps
Barium	135-1	173	143	87	134	32.74	cps
Barium	137-1	270	213	133	206	33.40	cps
Beryllium	9-1	83	94	156	111	35.00	cps
Bismuth	209-1	20515762	20317423	20006513	20279899	1.27	cps
Bismuth	209-2	14393662	14465526	14427253	14428814	0.25	cps
Bromine	81-1	20925	20708	20718	20784	0.59	cps
Bromine	81-2	170	193	160	174	9.81	cps
Cadmium	108-1	43	40	33	39	13.09	cps
Cadmium	106-1	12576	12002	12062	12213	2.58	cps
Cadmium	111-1	1292	1224	1229	1248	3.06	cps
Calcium	43-1	727	633	640	667	7.81	cps
Calcium	44-1	78924	76701	75835	77154	2.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1770	1853	1653	1759	5.71	cps
Cobalt	59-2	432	417	447	432	3.47	cps
Copper	63-2	2524	2307	2270	2367	5.79	cps
Dysprosium	156-1	23	23	23	23	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	130	150	160	147	10.41	cps
Erbium	164-2	80	117	137	111	25.87	cps
Gadolinium	160-1	207	193	173	191	8.78	cps
Gadolinium	160-2	1070	1103	1187	1120	5.37	cps
Holmium	165-1	36433222	36130639	35997215	36187026	0.62	cps
Holmium	165-2	22541006	22766979	22159575	22489186	1.37	cps
Indium	115-1	34379111	33412619	33333155	33708295	1.73	cps
Indium	115-2	11224876	11291857	11302707	11273147	0.37	cps
Iron	56-2	42680	41126	42400	42069	1.97	cps
Iron	57-2	2264	2590	2500	2451	6.88	cps
Iron	54-2	5714	5124	5521	5453	5.52	cps
Krypton	83-1	547	530	503	527	4.15	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BL	Instrumnet Name :	P7
Client Sample ID :	PBS601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:24:22	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1267	1140	1240	1216	5.49	cps
Lead	207-1	1073	1077	1087	1079	0.64	cps
Lead	208-1	5084	4857	4834	4925	2.80	cps
Lithium	6-1	3132590	3019627	3050644	3067620	1.90	cps
Magnesium	24-2	6638	6695	6835	6723	1.51	cps
Manganese	55-2	580	607	593	593	2.25	cps
Molybdenum	94-1	960	810	953	908	9.34	cps
Molybdenum	95-1	353	353	353	353	0.00	cps
Molybdenum	96-1	737	597	537	623	16.47	cps
Molybdenum	97-1	377	223	213	271	33.77	cps
Molybdenum	98-1	667	580	500	582	14.32	cps
Neodymium	150-1	13	10	3	9	57.30	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Nickel	60-2	370	413	373	386	6.25	cps
Phosphorus	31-2	380	360	347	362	4.63	cps
Potassium	39-2	115545	115339	115440	115441	0.09	cps
Rhodium	103-1	33612749	32877314	32244569	32911544	2.08	cps
Rhodium	103-2	19160263	19063204	19153981	19125816	0.28	cps
Scandium	45-1	19118683	18752862	18596115	18822553	1.42	cps
Scandium	45-2	1692156	1721900	1709380	1707812	0.87	cps
Selenium	82-1	1676	1723	1682	1694	1.52	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	767	787	737	763	3.30	cps
Silicon	28-1	1603080	1619294	1613932	1612102	0.51	cps
Silver	107-1	510	487	343	447	20.20	cps
Silver	109-1	473	293	347	371	24.91	cps
Sodium	23-2	60856	61974	62423	61751	1.31	cps
Strontium	86-1	767	827	863	819	5.96	cps
Strontium	88-1	540	480	427	482	11.76	cps
Sulfur	34-1	322401	323069	324311	323260	0.30	cps
Terbium	159-1	38267579	37183964	37140753	37530765	1.70	cps
Terbium	159-2	23038778	23072088	22523612	22878159	1.34	cps
Thallium	203-1	657	660	673	663	1.33	cps
Thallium	205-1	1670	1450	1487	1536	7.68	cps
Tin	118-1	4307	4231	4011	4183	3.68	cps
Titanium	47-1	353	280	300	311	12.18	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BL	Instrumnet Name :	P7
Client Sample ID :	PBS601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:24:22	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	167	83	80	110	44.64	cps
Vanadium	51-2	43	47	87	59	40.95	cps
Yttrium	89-1	46909073	46309956	46519404	46579478	0.65	cps
Yttrium	89-2	11885348	11804653	11872974	11854325	0.37	cps
Zinc	66-2	700	800	707	736	7.60	cps
Zirconium	90-1	1947	1950	2090	1996	4.10	cps
Zirconium	91-1	400	417	383	400	4.17	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BS	Instrumnet Name :	P7
Client Sample ID :	LCS601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:27:36	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30427	29555	29602	29861	1.64	cps
Antimony	121-1	129967	130247	129756	129990	0.19	cps
Arsenic	75-2	4014	4027	3704	3915	4.67	cps
Barium	135-1	153393	151180	150611	151728	0.97	cps
Barium	137-1	266114	265585	261576	264425	0.94	cps
Beryllium	9-1	5612	5762	5946	5773	2.89	cps
Bismuth	209-1	20057668	20490121	20130095	20225962	1.15	cps
Bismuth	209-2	14392892	14364234	14117196	14291441	1.06	cps
Bromine	81-1	20494	21356	21449	21100	2.49	cps
Bromine	81-2	133	157	133	141	9.54	cps
Cadmium	108-1	1253	1313	1257	1275	2.65	cps
Cadmium	106-1	14711	14411	14234	14452	1.67	cps
Cadmium	111-1	19418	19111	18734	19088	1.80	cps
Calcium	43-1	88140	87577	87460	87726	0.41	cps
Calcium	44-1	1545878	1513926	1514789	1524865	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62499	62282	61682	62154	0.68	cps
Cobalt	59-2	54863	55065	54563	54830	0.46	cps
Copper	63-2	75851	75673	75901	75808	0.16	cps
Dysprosium	156-1	30	20	33	28	24.98	cps
Dysprosium	156-2	20	3	17	13	66.16	cps
Erbium	164-1	110	163	133	136	19.72	cps
Erbium	164-2	117	120	107	114	6.06	cps
Gadolinium	160-1	163	200	190	184	10.27	cps
Gadolinium	160-2	1020	1213	1197	1143	9.37	cps
Holmium	165-1	36428704	36534142	36010100	36324316	0.76	cps
Holmium	165-2	22587368	22408746	22482292	22492802	0.40	cps
Indium	115-1	33615863	34255838	33886003	33919235	0.95	cps
Indium	115-2	11294707	11329893	11223995	11282865	0.48	cps
Iron	56-2	5357377	5288022	5319395	5321598	0.65	cps
Iron	57-2	139487	139689	138272	139149	0.55	cps
Iron	54-2	309824	308506	304636	307655	0.88	cps
Krypton	83-1	523	517	510	517	1.29	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BS	Instrumnet Name :	P7
Client Sample ID :	LCS601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:27:36	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	42543	42603	42158	42435	0.57	cps
Lead	207-1	37478	36783	37665	37309	1.25	cps
Lead	208-1	172471	170926	171420	171606	0.46	cps
Lithium	6-1	3148206	3082407	3158412	3129675	1.32	cps
Magnesium	24-2	1282252	1289673	1286946	1286290	0.29	cps
Manganese	55-2	22894	22587	22811	22764	0.70	cps
Molybdenum	94-1	144151	141169	139487	141602	1.67	cps
Molybdenum	95-1	172260	172544	171367	172057	0.36	cps
Molybdenum	96-1	191460	191838	190486	191261	0.36	cps
Molybdenum	97-1	108384	107102	107330	107606	0.64	cps
Molybdenum	98-1	277929	276872	276587	277129	0.26	cps
Neodymium	150-1	23	30	13	22	37.76	cps
Neodymium	150-2	10	20	13	14	35.26	cps
Nickel	60-2	13359	12812	12632	12935	2.93	cps
Phosphorus	31-2	360	427	320	369	14.61	cps
Potassium	39-2	1669399	1642179	1670942	1660840	0.97	cps
Rhodium	103-1	32635050	32867906	33059307	32854088	0.65	cps
Rhodium	103-2	19210511	18954495	18773886	18979631	1.16	cps
Scandium	45-1	18932143	19274617	18800874	19002545	1.29	cps
Scandium	45-2	1742589	1740249	1718234	1733690	0.78	cps
Selenium	82-1	7474	7484	7586	7515	0.82	cps
Selenium	77-2	593	557	677	609	10.10	cps
Selenium	78-2	2637	2604	2557	2599	1.55	cps
Silicon	28-1	1884452	1900143	1888598	1891064	0.43	cps
Silver	107-1	86851	89900	87652	88134	1.79	cps
Silver	109-1	84068	84991	85255	84771	0.73	cps
Sodium	23-2	2070779	2060828	2092159	2074589	0.77	cps
Strontium	86-1	22370	22320	21880	22190	1.22	cps
Strontium	88-1	189069	191668	187678	189472	1.07	cps
Sulfur	34-1	338085	336917	337288	337430	0.18	cps
Terbium	159-1	38226384	38096354	37332750	37885163	1.27	cps
Terbium	159-2	23224952	23312865	22846313	23128044	1.07	cps
Thallium	203-1	52454	50915	51233	51534	1.58	cps
Thallium	205-1	122412	121609	120381	121467	0.84	cps
Tin	118-1	4824	4554	4611	4663	3.06	cps
Titanium	47-1	41824	42329	41788	41980	0.72	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BS	Instrumnet Name :	P7
Client Sample ID :	LCS601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:27:36	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	154572	151518	152425	152838	1.03	cps
Vanadium	51-2	125254	125059	124636	124983	0.25	cps
Yttrium	89-1	46582946	46723049	46446959	46584318	0.30	cps
Yttrium	89-2	12058736	11869144	11862231	11930037	0.93	cps
Zinc	66-2	28841	28744	28554	28713	0.51	cps
Zirconium	90-1	121612	120832	119911	120785	0.70	cps
Zirconium	91-1	27012	27158	26397	26856	1.50	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:30:49	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15131	14851	15168	15050	1.15	cps
Antimony	121-1	65117	65786	65692	65532	0.55	cps
Arsenic	75-2	1860	2064	1930	1951	5.29	cps
Barium	135-1	78193	75425	76437	76685	1.83	cps
Barium	137-1	134126	133250	131030	132802	1.20	cps
Beryllium	9-1	2817	2817	2823	2819	0.11	cps
Bismuth	209-1	20753788	20297610	20485772	20512390	1.12	cps
Bismuth	209-2	14367460	14458429	14472144	14432678	0.39	cps
Bromine	81-1	22010	21930	21078	21673	2.38	cps
Bromine	81-2	147	147	170	154	8.72	cps
Cadmium	108-1	730	723	680	711	3.82	cps
Cadmium	106-1	13913	13266	13036	13405	3.39	cps
Cadmium	111-1	10348	10202	10543	10364	1.65	cps
Calcium	43-1	46143	44091	44639	44958	2.36	cps
Calcium	44-1	827122	824859	827096	826359	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31753	31773	32264	31930	0.91	cps
Cobalt	59-2	28143	27562	27093	27599	1.91	cps
Copper	63-2	39783	39128	38670	39193	1.43	cps
Dysprosium	156-1	20	27	17	21	24.12	cps
Dysprosium	156-2	13	20	3	12	68.66	cps
Erbium	164-1	130	130	163	141	13.64	cps
Erbium	164-2	117	90	77	94	21.56	cps
Gadolinium	160-1	203	167	213	194	12.64	cps
Gadolinium	160-2	1110	1193	1197	1167	4.21	cps
Holmium	165-1	37497070	36691602	36080294	36756322	1.93	cps
Holmium	165-2	22779502	22422454	22574537	22592164	0.79	cps
Indium	115-1	34687493	33968394	33496993	34050960	1.76	cps
Indium	115-2	11301112	11280470	11400507	11327363	0.57	cps
Iron	56-2	2699489	2730556	2727719	2719255	0.63	cps
Iron	57-2	72313	71368	71559	71747	0.70	cps
Iron	54-2	159707	157262	157824	158264	0.81	cps
Krypton	83-1	537	607	527	557	7.83	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:30:49	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22338	22001	22509	22283	1.16	cps
Lead	207-1	19658	19284	18723	19221	2.45	cps
Lead	208-1	90800	88510	88845	89385	1.38	cps
Lithium	6-1	3219957	3183660	3103575	3169064	1.88	cps
Magnesium	24-2	649823	647623	645245	647564	0.35	cps
Manganese	55-2	11718	11618	11841	11726	0.95	cps
Molybdenum	94-1	72146	72425	71855	72142	0.39	cps
Molybdenum	95-1	88321	86186	87670	87393	1.25	cps
Molybdenum	96-1	97942	96664	95395	96667	1.32	cps
Molybdenum	97-1	55374	55535	53420	54777	2.15	cps
Molybdenum	98-1	140162	140821	137147	139376	1.41	cps
Neodymium	150-1	23	23	17	21	18.21	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	6772	6752	6648	6724	0.98	cps
Phosphorus	31-2	390	340	390	373	7.73	cps
Potassium	39-2	937552	925118	923489	928720	0.83	cps
Rhodium	103-1	33815145	33630868	33001371	33482461	1.27	cps
Rhodium	103-2	19003761	19112646	19199932	19105446	0.51	cps
Scandium	45-1	19450745	19184816	19049076	19228212	1.06	cps
Scandium	45-2	1747616	1746045	1734876	1742845	0.40	cps
Selenium	82-1	4664	4456	4615	4578	2.38	cps
Selenium	77-2	273	300	287	287	4.65	cps
Selenium	78-2	1703	1667	1653	1675	1.55	cps
Silicon	28-1	1763801	1755388	1744719	1754636	0.55	cps
Silver	107-1	44408	44705	44267	44460	0.50	cps
Silver	109-1	42231	43034	41436	42234	1.89	cps
Sodium	23-2	1065354	1048669	1063583	1059202	0.87	cps
Strontium	86-1	11701	11808	11558	11689	1.07	cps
Strontium	88-1	96225	96417	95061	95901	0.77	cps
Sulfur	34-1	338685	340859	336992	338845	0.57	cps
Terbium	159-1	38876710	38187406	37587573	38217230	1.69	cps
Terbium	159-2	22775486	22982672	23131761	22963307	0.78	cps
Thallium	203-1	26466	26469	26593	26509	0.27	cps
Thallium	205-1	61528	61194	61659	61460	0.39	cps
Tin	118-1	4311	4577	4307	4399	3.52	cps
Titanium	47-1	21345	21756	21025	21375	1.71	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164601BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD601	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:30:49	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	76726	76418	76237	76460	0.32	cps
Vanadium	51-2	63359	62174	62706	62746	0.95	cps
Yttrium	89-1	48268183	46991719	46294928	47184943	2.12	cps
Yttrium	89-2	12106239	11833410	11898911	11946187	1.19	cps
Zinc	66-2	15785	15645	15825	15752	0.60	cps
Zirconium	90-1	61876	62030	60377	61428	1.49	cps
Zirconium	91-1	14177	13933	13606	13906	2.06	cps

1234

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BLRE	Instrumnet Name :	P7
Client Sample ID :	PBS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:34:02	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	803	750	793	782	3.62	cps
Antimony	121-1	253	310	400	321	23.03	cps
Arsenic	75-2	10	30	13	18	60.28	cps
Barium	135-1	103	100	53	86	32.68	cps
Barium	137-1	127	123	160	137	14.83	cps
Beryllium	9-1	67	72	72	70	4.55	cps
Bismuth	209-1	20406166	20812104	20201792	20473354	1.52	cps
Bismuth	209-2	14209351	14396576	14300424	14302117	0.65	cps
Bromine	81-1	21803	21713	22254	21923	1.32	cps
Bromine	81-2	133	147	140	140	4.76	cps
Cadmium	108-1	57	33	57	49	27.56	cps
Cadmium	106-1	13113	12412	12535	12687	2.95	cps
Cadmium	111-1	1330	1284	1276	1297	2.27	cps
Calcium	43-1	480	573	500	518	9.49	cps
Calcium	44-1	72915	72725	72677	72772	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1637	1670	1613	1640	1.74	cps
Cobalt	59-2	403	458	438	433	6.42	cps
Copper	63-2	2270	2394	2317	2327	2.68	cps
Dysprosium	156-1	30	23	10	21	48.24	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	180	137	173	163	14.29	cps
Erbium	164-2	93	80	100	91	11.18	cps
Gadolinium	160-1	223	157	153	178	22.21	cps
Gadolinium	160-2	1190	1223	1217	1210	1.46	cps
Holmium	165-1	37098829	36127376	35978438	36401548	1.67	cps
Holmium	165-2	22546610	22735257	22280186	22520684	1.02	cps
Indium	115-1	34696474	34028128	34397011	34373871	0.97	cps
Indium	115-2	11377747	11308181	11227501	11304476	0.67	cps
Iron	56-2	39512	39341	39448	39434	0.22	cps
Iron	57-2	2360	2547	2587	2498	4.84	cps
Iron	54-2	5408	5238	5214	5287	2.00	cps
Krypton	83-1	507	523	563	531	5.48	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BLRE	Instrumnet Name :	P7
Client Sample ID :	PBS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:34:02	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1113	1030	1163	1102	6.11	cps
Lead	207-1	950	900	860	903	4.99	cps
Lead	208-1	4310	4107	4294	4237	2.66	cps
Lithium	6-1	3210758	3200835	3113813	3175135	1.68	cps
Magnesium	24-2	7575	7108	7128	7271	3.63	cps
Manganese	55-2	493	460	460	471	4.09	cps
Molybdenum	94-1	863	710	850	808	10.52	cps
Molybdenum	95-1	203	233	167	201	16.60	cps
Molybdenum	96-1	337	337	327	333	1.73	cps
Molybdenum	97-1	130	180	127	146	20.52	cps
Molybdenum	98-1	310	310	317	312	1.23	cps
Neodymium	150-1	27	13	10	17	52.93	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	340	283	323	316	9.23	cps
Phosphorus	31-2	367	357	373	366	2.30	cps
Potassium	39-2	115460	114896	113976	114777	0.65	cps
Rhodium	103-1	33836075	33334709	33150277	33440354	1.06	cps
Rhodium	103-2	19377013	19154999	18914703	19148905	1.21	cps
Scandium	45-1	19414253	18828173	19093851	19112092	1.54	cps
Scandium	45-2	1727509	1726738	1711530	1721925	0.52	cps
Selenium	82-1	1708	1683	1681	1691	0.89	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	823	810	683	772	10.01	cps
Silicon	28-1	1609545	1612650	1606479	1609558	0.19	cps
Silver	107-1	477	443	417	446	6.75	cps
Silver	109-1	297	293	277	289	3.71	cps
Sodium	23-2	56864	55781	56005	56217	1.02	cps
Strontium	86-1	840	923	983	916	7.86	cps
Strontium	88-1	403	430	417	417	3.20	cps
Sulfur	34-1	337745	344206	344061	342004	1.08	cps
Terbium	159-1	38227362	37721530	37729432	37892775	0.76	cps
Terbium	159-2	23261886	22816195	22875436	22984506	1.05	cps
Thallium	203-1	457	467	430	451	4.20	cps
Thallium	205-1	1120	1133	1203	1152	3.89	cps
Tin	118-1	4057	4114	4154	4108	1.18	cps
Titanium	47-1	327	270	257	284	13.07	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BLRE	Instrumnet Name :	P7
Client Sample ID :	PBS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:34:02	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	30	43	34	22.34	cps
Vanadium	51-2	37	50	53	47	18.89	cps
Yttrium	89-1	47374279	47434546	46922974	47243933	0.59	cps
Yttrium	89-2	12042320	12042222	11856232	11980258	0.90	cps
Zinc	66-2	610	487	600	566	12.11	cps
Zirconium	90-1	2027	2124	1997	2049	3.23	cps
Zirconium	91-1	417	470	447	444	6.02	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSRE	Instrumnet Name :	P7
Client Sample ID :	LCS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:37:17	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29649	28249	29485	29128	2.63	cps
Antimony	121-1	129742	129871	127590	129067	0.99	cps
Arsenic	75-2	3794	3894	3881	3856	1.41	cps
Barium	135-1	151853	149007	150101	150320	0.96	cps
Barium	137-1	264834	263185	260567	262862	0.82	cps
Beryllium	9-1	5801	5368	5446	5538	4.17	cps
Bismuth	209-1	20447478	20357611	20102227	20302439	0.88	cps
Bismuth	209-2	14475891	14442134	14377949	14431991	0.34	cps
Bromine	81-1	22794	21356	22153	22101	3.26	cps
Bromine	81-2	173	160	133	156	13.09	cps
Cadmium	108-1	1370	1423	1423	1406	2.19	cps
Cadmium	106-1	14741	14394	13960	14365	2.72	cps
Cadmium	111-1	18889	18731	18592	18737	0.79	cps
Calcium	43-1	88181	86250	86458	86963	1.22	cps
Calcium	44-1	1513227	1498529	1515115	1508957	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62013	60293	60648	60985	1.49	cps
Cobalt	59-2	54872	54193	54474	54513	0.63	cps
Copper	63-2	75730	74514	74018	74754	1.18	cps
Dysprosium	156-1	37	20	20	26	37.66	cps
Dysprosium	156-2	10	13	23	16	44.60	cps
Erbium	164-1	190	143	150	161	15.66	cps
Erbium	164-2	93	77	83	84	9.94	cps
Gadolinium	160-1	153	193	163	170	12.24	cps
Gadolinium	160-2	1243	1257	1350	1283	4.53	cps
Holmium	165-1	37016763	36927089	35760759	36568203	1.92	cps
Holmium	165-2	22616229	22597585	22408498	22540770	0.51	cps
Indium	115-1	34209989	33752400	34025146	33995845	0.68	cps
Indium	115-2	11328417	11332063	11417432	11359304	0.44	cps
Iron	56-2	5363082	5262108	5243844	5289678	1.21	cps
Iron	57-2	138935	138605	139106	138882	0.18	cps
Iron	54-2	308538	306477	304901	306638	0.59	cps
Krypton	83-1	513	647	560	573	11.80	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSRE	Instrumnet Name :	P7
Client Sample ID :	LCS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:37:17	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	42577	42644	41406	42209	1.65	cps
Lead	207-1	36660	36830	36329	36606	0.70	cps
Lead	208-1	169954	169872	168402	169409	0.52	cps
Lithium	6-1	3120187	3149830	3141226	3137081	0.49	cps
Magnesium	24-2	1290996	1282584	1284430	1286003	0.34	cps
Manganese	55-2	22253	22494	22397	22381	0.54	cps
Molybdenum	94-1	142768	140470	140439	141226	0.95	cps
Molybdenum	95-1	172210	170880	167864	170318	1.31	cps
Molybdenum	96-1	192168	189960	189541	190557	0.74	cps
Molybdenum	97-1	109009	106703	106498	107403	1.30	cps
Molybdenum	98-1	277347	273743	273914	275002	0.74	cps
Neodymium	150-1	23	20	17	20	16.65	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	13269	13336	12252	12952	4.69	cps
Phosphorus	31-2	443	350	420	404	12.01	cps
Potassium	39-2	1643142	1639322	1640424	1640963	0.12	cps
Rhodium	103-1	33892731	33780790	33008375	33560632	1.43	cps
Rhodium	103-2	19214512	19207459	19291096	19237689	0.24	cps
Scandium	45-1	19207210	19324408	19047464	19193028	0.72	cps
Scandium	45-2	1738927	1749592	1704071	1730863	1.38	cps
Selenium	82-1	7304	7170	7196	7223	0.98	cps
Selenium	77-2	560	460	583	534	12.26	cps
Selenium	78-2	2614	2597	2607	2606	0.32	cps
Silicon	28-1	1882878	1885785	1876612	1881758	0.25	cps
Silver	107-1	88504	88049	88746	88433	0.40	cps
Silver	109-1	84541	83596	84045	84061	0.56	cps
Sodium	23-2	2076872	2069375	2103002	2083083	0.85	cps
Strontium	86-1	22194	22571	22390	22385	0.84	cps
Strontium	88-1	189120	189496	185947	188187	1.04	cps
Sulfur	34-1	349050	346351	349743	348381	0.51	cps
Terbium	159-1	38436160	37989909	37246093	37890721	1.59	cps
Terbium	159-2	22953492	23008040	22862969	22941500	0.32	cps
Thallium	203-1	51437	50945	49988	50790	1.45	cps
Thallium	205-1	122022	122329	119560	121304	1.25	cps
Tin	118-1	4341	5570	4381	4764	14.66	cps
Titanium	47-1	41600	41062	41049	41237	0.76	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSRE	Instrumnet Name :	P7
Client Sample ID :	LCS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:37:17	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	152648	151073	149570	151097	1.02	cps
Vanadium	51-2	126290	125402	124300	125330	0.80	cps
Yttrium	89-1	48513756	47207333	47047116	47589402	1.69	cps
Yttrium	89-2	12048726	11827166	11710998	11862297	1.45	cps
Zinc	66-2	28511	28287	29275	28691	1.81	cps
Zirconium	90-1	120536	119037	118621	119398	0.84	cps
Zirconium	91-1	26992	26527	26190	26570	1.51	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSDRE	Instrumnet Name :	P7
Client Sample ID :	LCSD624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:40:29	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16059	15962	15338	15786	2.48	cps
Antimony	121-1	67069	66416	65157	66214	1.47	cps
Arsenic	75-2	1983	2010	1790	1928	6.23	cps
Barium	135-1	77245	75686	76488	76473	1.02	cps
Barium	137-1	132389	133540	132885	132938	0.43	cps
Beryllium	9-1	2889	2878	2850	2873	0.70	cps
Bismuth	209-1	19563737	20121021	20272761	19985839	1.87	cps
Bismuth	209-2	14471041	13894924	14180984	14182316	2.03	cps
Bromine	81-1	22511	22300	21953	22255	1.27	cps
Bromine	81-2	100	137	177	138	27.83	cps
Cadmium	108-1	713	633	750	699	8.54	cps
Cadmium	106-1	13847	13873	13633	13784	0.96	cps
Cadmium	111-1	10220	10738	10287	10415	2.71	cps
Calcium	43-1	44642	44766	43937	44448	1.01	cps
Calcium	44-1	825914	825670	823041	824875	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32131	32091	31617	31946	0.90	cps
Cobalt	59-2	28467	27691	27649	27935	1.65	cps
Copper	63-2	39438	39168	39318	39308	0.34	cps
Dysprosium	156-1	23	20	37	27	33.08	cps
Dysprosium	156-2	23	17	7	16	53.90	cps
Erbium	164-1	160	130	130	140	12.37	cps
Erbium	164-2	103	117	97	106	9.65	cps
Gadolinium	160-1	200	157	180	179	12.12	cps
Gadolinium	160-2	1123	1300	1200	1208	7.34	cps
Holmium	165-1	35639879	36788653	36237484	36222005	1.59	cps
Holmium	165-2	22862160	21775626	22116378	22251388	2.50	cps
Indium	115-1	33328611	34004240	33914198	33749017	1.09	cps
Indium	115-2	11530393	10984930	11151075	11222133	2.49	cps
Iron	56-2	2747868	2684753	2706528	2713050	1.18	cps
Iron	57-2	72430	71623	71452	71835	0.73	cps
Iron	54-2	157282	159101	157628	158004	0.61	cps
Krypton	83-1	513	500	523	512	2.28	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSDRE	Instrumnet Name :	P7
Client Sample ID :	LCSD624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:40:29	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23000	22178	21751	22310	2.84	cps
Lead	207-1	19394	20005	18753	19384	3.23	cps
Lead	208-1	89448	89201	86451	88367	1.88	cps
Lithium	6-1	3041867	3196722	3202512	3147034	2.90	cps
Magnesium	24-2	646125	644553	651924	647534	0.60	cps
Manganese	55-2	11304	11731	11871	11636	2.54	cps
Molybdenum	94-1	72240	73205	71624	72356	1.10	cps
Molybdenum	95-1	88096	88922	86101	87707	1.65	cps
Molybdenum	96-1	97881	100611	96741	98411	2.02	cps
Molybdenum	97-1	54237	56901	53839	54992	3.03	cps
Molybdenum	98-1	141359	144321	136996	140892	2.62	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	6652	6708	6765	6708	0.85	cps
Phosphorus	31-2	353	330	337	340	3.53	cps
Potassium	39-2	924586	924728	922188	923834	0.15	cps
Rhodium	103-1	33100306	33706700	33846759	33551255	1.18	cps
Rhodium	103-2	19495688	18653546	18924265	19024499	2.26	cps
Scandium	45-1	18652620	19120786	19250121	19007842	1.65	cps
Scandium	45-2	1733223	1701988	1709246	1714819	0.95	cps
Selenium	82-1	4518	4665	4523	4569	1.82	cps
Selenium	77-2	213	273	263	250	12.86	cps
Selenium	78-2	1723	1620	1610	1651	3.80	cps
Silicon	28-1	1761021	1771836	1760531	1764463	0.36	cps
Silver	107-1	45227	44354	44364	44648	1.12	cps
Silver	109-1	41967	43629	42716	42771	1.95	cps
Sodium	23-2	1078998	1068996	1043818	1063938	1.70	cps
Strontium	86-1	11568	11738	11982	11763	1.77	cps
Strontium	88-1	95950	94971	94574	95165	0.74	cps
Sulfur	34-1	352950	350230	352428	351869	0.41	cps
Terbium	159-1	37250432	37626854	38060830	37646039	1.08	cps
Terbium	159-2	23395955	22644272	22516215	22852147	2.08	cps
Thallium	203-1	26279	26299	25711	26096	1.28	cps
Thallium	205-1	61364	61344	60500	61070	0.81	cps
Tin	118-1	4594	4467	4224	4429	4.25	cps
Titanium	47-1	21492	21282	20875	21216	1.48	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSDRE	Instrumnet Name :	P7
Client Sample ID :	LCSD624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:40:29	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77524	76320	75207	76350	1.52	cps
Vanadium	51-2	63443	63476	63496	63472	0.04	cps
Yttrium	89-1	46749078	46899596	47108686	46919120	0.38	cps
Yttrium	89-2	12097747	11721627	11686137	11835170	1.93	cps
Zinc	66-2	15338	14921	14994	15084	1.48	cps
Zirconium	90-1	61421	61866	60949	61412	0.75	cps
Zirconium	91-1	13720	13957	13396	13691	2.06	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-01	Instrumnet Name :	P7
Client Sample ID :	MYE4W0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:43:43	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27509574	27333670	27184635	27342626	0.59	cps
Antimony	121-1	82310	83088	84218	83206	1.15	cps
Arsenic	75-2	286307	283426	284887	284874	0.51	cps
Barium	135-1	4190361	4156956	4188905	4178741	0.45	cps
Barium	137-1	7311556	7222968	7160821	7231782	1.05	cps
Beryllium	9-1	3778	3923	3500	3734	5.75	cps
Bismuth	209-1	20183561	19894045	19667860	19915155	1.30	cps
Bismuth	209-2	13868222	13910719	13713984	13830975	0.75	cps
Bromine	81-1	29409	29576	28965	29317	1.08	cps
Bromine	81-2	1960	1910	2007	1959	2.47	cps
Cadmium	108-1	2567	2624	2677	2622	2.10	cps
Cadmium	106-1	17668	16483	16279	16810	4.46	cps
Cadmium	111-1	31310	30901	30391	30867	1.49	cps
Calcium	43-1	773402	770498	759557	767819	0.95	cps
Calcium	44-1	12158415	12065987	11755148	11993184	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1348011	1318286	1354951	1340416	1.45	cps
Cobalt	59-2	1541102	1524538	1527411	1531017	0.58	cps
Copper	63-2	5562734	5590874	5482897	5545502	1.01	cps
Dysprosium	156-1	238402	237047	238211	237886	0.31	cps
Dysprosium	156-2	180973	183624	182148	182248	0.73	cps
Erbium	164-1	176768	175521	175923	176071	0.36	cps
Erbium	164-2	108013	107489	105777	107093	1.09	cps
Gadolinium	160-1	213612	211430	213612	212885	0.59	cps
Gadolinium	160-2	140985	137574	139288	139282	1.22	cps
Holmium	165-1	37220585	36960776	37039734	37073699	0.36	cps
Holmium	165-2	22047579	22640306	22243166	22310350	1.35	cps
Indium	115-1	33873949	33465201	33197960	33512370	1.02	cps
Indium	115-2	11116960	11267512	11060219	11148230	0.96	cps
Iron	56-2	1302006567	1297260834	1304659661	1301309021	0.29	cps
Iron	57-2	31628566	32301792	31617374	31849244	1.23	cps
Iron	54-2	71628816	70772622	71098221	71166553	0.61	cps
Krypton	83-1	837	857	900	864	3.75	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-01	Instrumnet Name :	P7
Client Sample ID :	MYE4W0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:43:43	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2153367	2151899	2112294	2139187	1.09	cps
Lead	207-1	1892046	1881934	1844601	1872860	1.33	cps
Lead	208-1	8683000	8603908	8405563	8564157	1.67	cps
Lithium	6-1	2932660	2767935	2664507	2788367	4.85	cps
Magnesium	24-2	26308512	26036072	26170132	26171572	0.52	cps
Manganese	55-2	23453134	23222882	23281803	23319273	0.51	cps
Molybdenum	94-1	377041	374887	374497	375475	0.36	cps
Molybdenum	95-1	21229	21292	21025	21182	0.66	cps
Molybdenum	96-1	96650	97499	95483	96544	1.05	cps
Molybdenum	97-1	12852	13339	13029	13074	1.89	cps
Molybdenum	98-1	32747	33031	33107	32962	0.58	cps
Neodymium	150-1	467282	471428	466877	468529	0.54	cps
Neodymium	150-2	249605	246261	246280	247382	0.78	cps
Nickel	60-2	677540	665763	674861	672722	0.92	cps
Phosphorus	31-2	90613	92306	89895	90938	1.36	cps
Potassium	39-2	10186064	10368625	10026975	10193888	1.68	cps
Rhodium	103-1	32577731	32094649	32412054	32361478	0.76	cps
Rhodium	103-2	18860857	19162403	18841628	18954963	0.95	cps
Scandium	45-1	19959341	19659792	19199866	19606333	1.95	cps
Scandium	45-2	1867211	1866707	1831621	1855180	1.10	cps
Selenium	82-1	2240	2192	2176	2203	1.53	cps
Selenium	77-2	1030	780	1050	953	15.78	cps
Selenium	78-2	1550	1540	1503	1531	1.60	cps
Silicon	28-1	80168219	80309255	77957542	79478339	1.66	cps
Silver	107-1	28862	28314	28094	28423	1.39	cps
Silver	109-1	26768	26341	26043	26384	1.38	cps
Sodium	23-2	345033	347182	348541	346919	0.51	cps
Strontium	86-1	1019582	1025598	1024434	1023205	0.31	cps
Strontium	88-1	8974424	8901301	8706929	8860885	1.56	cps
Sulfur	34-1	342610	320834	306040	323161	5.69	cps
Terbium	159-1	39085602	38699733	38410135	38731823	0.87	cps
Terbium	159-2	23356504	22636912	22986840	22993419	1.56	cps
Thallium	203-1	14832	14591	14798	14740	0.88	cps
Thallium	205-1	35192	35907	35500	35533	1.01	cps
Tin	118-1	96839	98722	95265	96942	1.79	cps
Titanium	47-1	4187168	4110746	4006852	4101589	2.21	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-01	Instrumnet Name :	P7
Client Sample ID :	MYE4W0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:43:43	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	97913	97863	98820	98199	0.55	cps
Vanadium	51-2	2535719	2554503	2524115	2538112	0.60	cps
Yttrium	89-1	50675714	49759018	48658031	49697588	2.03	cps
Yttrium	89-2	12534445	12888051	12507709	12643402	1.68	cps
Zinc	66-2	958456	950116	950960	953177	0.48	cps
Zirconium	90-1	1002935	995604	984300	994280	0.94	cps
Zirconium	91-1	220016	221930	221324	221090	0.44	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-02	Instrumnet Name :	P7
Client Sample ID :	MYE4W1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:46:41	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46599494	46665301	46345524	46536773	0.36	cps
Antimony	121-1	59195	59231	59663	59363	0.44	cps
Arsenic	75-2	333775	330335	330551	331553	0.58	cps
Barium	135-1	6345975	6465111	6362171	6391086	1.01	cps
Barium	137-1	11101670	11121569	10923464	11048901	0.99	cps
Beryllium	9-1	4851	5245	4906	5001	4.27	cps
Bismuth	209-1	20233551	19725655	19729817	19896341	1.47	cps
Bismuth	209-2	13371023	13361845	13466592	13399820	0.43	cps
Bromine	81-1	40335	41832	41923	41363	2.16	cps
Bromine	81-2	4701	4681	4667	4683	0.36	cps
Cadmium	108-1	1657	1737	1743	1712	2.82	cps
Cadmium	106-1	16319	15598	15408	15775	3.05	cps
Cadmium	111-1	17250	16786	16660	16899	1.84	cps
Calcium	43-1	1765955	1779800	1769670	1771808	0.40	cps
Calcium	44-1	28677881	28551105	28614860	28614616	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1741173	1742939	1713547	1732553	0.95	cps
Cobalt	59-2	1954428	1932047	1924758	1937078	0.80	cps
Copper	63-2	3928136	3979676	3891755	3933189	1.12	cps
Dysprosium	156-1	368762	367746	364970	367159	0.53	cps
Dysprosium	156-2	280708	281513	282150	281457	0.26	cps
Erbium	164-1	268339	272520	268797	269885	0.85	cps
Erbium	164-2	164127	164159	159799	162695	1.54	cps
Gadolinium	160-1	331195	329124	326485	328935	0.72	cps
Gadolinium	160-2	218939	217086	214464	216830	1.04	cps
Holmium	165-1	37377071	36847978	36851714	37025588	0.82	cps
Holmium	165-2	22206279	21886726	21815450	21969485	0.95	cps
Indium	115-1	33626758	32877031	33048670	33184153	1.18	cps
Indium	115-2	10859064	10928338	10872590	10886664	0.34	cps
Iron	56-2	1515187284	1521676724	1506554164	1514472724	0.50	cps
Iron	57-2	37606635	37420341	36845854	37290943	1.06	cps
Iron	54-2	82964402	84264620	82638587	83289203	1.03	cps
Krypton	83-1	847	957	893	899	6.14	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-02	Instrumnet Name :	P7
Client Sample ID :	MYE4W1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:46:41	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1166816	1159024	1132155	1152665	1.58	cps
Lead	207-1	986189	993218	993901	991103	0.43	cps
Lead	208-1	4494324	4553807	4445868	4498000	1.20	cps
Lithium	6-1	2616002	2460367	2389341	2488570	4.66	cps
Magnesium	24-2	37282700	37116222	36865724	37088216	0.57	cps
Manganese	55-2	26556644	26878225	26545885	26660251	0.71	cps
Molybdenum	94-1	437762	438020	439229	438337	0.18	cps
Molybdenum	95-1	18168	18041	18302	18170	0.72	cps
Molybdenum	96-1	105749	107132	104937	105939	1.05	cps
Molybdenum	97-1	11248	11595	11018	11287	2.57	cps
Molybdenum	98-1	27760	27736	27960	27819	0.44	cps
Neodymium	150-1	772216	772882	758193	767764	1.08	cps
Neodymium	150-2	407118	407402	405685	406735	0.23	cps
Nickel	60-2	967275	963471	959284	963343	0.41	cps
Phosphorus	31-2	138180	139586	137121	138295	0.89	cps
Potassium	39-2	10025248	10263524	10206904	10165225	1.22	cps
Rhodium	103-1	32343749	32070241	31385492	31933161	1.55	cps
Rhodium	103-2	18705409	18435724	18282715	18474616	1.16	cps
Scandium	45-1	19701904	19704188	19457248	19621113	0.72	cps
Scandium	45-2	1882234	1892409	1870098	1881580	0.59	cps
Selenium	82-1	2528	2345	2590	2487	5.12	cps
Selenium	77-2	1450	1530	1500	1493	2.71	cps
Selenium	78-2	2074	2077	2017	2056	1.64	cps
Silicon	28-1	62217939	62255837	61272794	61915524	0.90	cps
Silver	107-1	16366	16529	16580	16492	0.68	cps
Silver	109-1	16566	15535	15922	16008	3.25	cps
Sodium	23-2	416015	416328	415702	416015	0.08	cps
Strontium	86-1	1730797	1740924	1723902	1731874	0.49	cps
Strontium	88-1	15044743	15006378	14776091	14942404	0.97	cps
Sulfur	34-1	292872	283703	279177	285250	2.45	cps
Terbium	159-1	38841162	38229313	37979898	38350124	1.16	cps
Terbium	159-2	22862856	22810430	22671781	22781689	0.43	cps
Thallium	203-1	15162	15492	15516	15390	1.29	cps
Thallium	205-1	35861	36095	36549	36168	0.97	cps
Tin	118-1	88339	87149	87634	87707	0.68	cps
Titanium	47-1	4558001	4608170	4544372	4570181	0.74	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-02	Instrumnet Name :	P7
Client Sample ID :	MYE4W1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:46:41	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	124072	124060	124590	124241	0.24	cps
Vanadium	51-2	3031132	3038385	2996393	3021970	0.74	cps
Yttrium	89-1	51094101	50671849	50692744	50819565	0.47	cps
Yttrium	89-2	12967801	12982701	12683396	12877966	1.31	cps
Zinc	66-2	787170	779741	773937	780283	0.85	cps
Zirconium	90-1	1172449	1166440	1166152	1168347	0.30	cps
Zirconium	91-1	260735	261370	259894	260666	0.28	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-03	Instrumnet Name :	P7
Client Sample ID :	MYE4W2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:49:39	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38881379	39405346	38787974	39024900	0.85	cps
Antimony	121-1	66884	67320	65846	66684	1.14	cps
Arsenic	75-2	285797	286443	284655	285632	0.32	cps
Barium	135-1	6186452	6125649	6075515	6129205	0.91	cps
Barium	137-1	10611197	10704519	10719775	10678497	0.55	cps
Beryllium	9-1	4317	4540	4045	4301	5.76	cps
Bismuth	209-1	20429205	19891256	19909300	20076587	1.52	cps
Bismuth	209-2	13511275	13674088	13390212	13525192	1.05	cps
Bromine	81-1	36061	36495	36813	36456	1.04	cps
Bromine	81-2	3444	3584	3664	3564	3.13	cps
Cadmium	108-1	1403	1303	1297	1335	4.48	cps
Cadmium	106-1	15048	14537	14574	14720	1.93	cps
Cadmium	111-1	13717	14111	13528	13785	2.16	cps
Calcium	43-1	1144675	1133310	1108286	1128757	1.65	cps
Calcium	44-1	17970186	17777599	17435793	17727859	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1618158	1602956	1628951	1616688	0.81	cps
Cobalt	59-2	1740971	1736875	1749238	1742361	0.36	cps
Copper	63-2	3236194	3252346	3287839	3258793	0.81	cps
Dysprosium	156-1	287599	286895	286430	286975	0.21	cps
Dysprosium	156-2	220611	219185	220485	220093	0.36	cps
Erbium	164-1	225328	224837	224414	224859	0.20	cps
Erbium	164-2	135375	138425	134679	136160	1.46	cps
Gadolinium	160-1	267694	268174	263738	266535	0.91	cps
Gadolinium	160-2	175834	170718	170565	172372	1.74	cps
Holmium	165-1	37658574	37356540	37128094	37381069	0.71	cps
Holmium	165-2	22533610	22458692	22054518	22348940	1.15	cps
Indium	115-1	32887330	33330160	33438321	33218603	0.88	cps
Indium	115-2	10934984	10942393	11068217	10981865	0.68	cps
Iron	56-2	1470539125	1460435552	1451553152	1460842609	0.65	cps
Iron	57-2	36207179	35954964	36503475	36221873	0.76	cps
Iron	54-2	80925702	79570349	80537374	80344475	0.87	cps
Krypton	83-1	1037	967	870	958	8.74	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-03	Instrumnet Name :	P7
Client Sample ID :	MYE4W2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:49:39	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	960092	941727	940590	947470	1.16	cps
Lead	207-1	805503	799894	798511	801303	0.46	cps
Lead	208-1	3698358	3672962	3659209	3676843	0.54	cps
Lithium	6-1	2585699	2414633	2379525	2459952	4.48	cps
Magnesium	24-2	30940674	31422428	30874839	31079313	0.96	cps
Manganese	55-2	38228547	37439453	37861864	37843288	1.04	cps
Molybdenum	94-1	348584	350982	346846	348804	0.60	cps
Molybdenum	95-1	19453	19780	19603	19612	0.84	cps
Molybdenum	96-1	92567	91605	91118	91763	0.80	cps
Molybdenum	97-1	11621	11968	11898	11829	1.55	cps
Molybdenum	98-1	30455	30352	30188	30332	0.44	cps
Neodymium	150-1	580606	581411	571683	577900	0.93	cps
Neodymium	150-2	298519	302804	298893	300072	0.79	cps
Nickel	60-2	792329	791227	788086	790547	0.28	cps
Phosphorus	31-2	80202	80282	79110	79865	0.82	cps
Potassium	39-2	10714728	10733287	10770214	10739410	0.26	cps
Rhodium	103-1	32771920	31930180	31710973	32137691	1.74	cps
Rhodium	103-2	18918229	18609999	18657511	18728580	0.89	cps
Scandium	45-1	19676357	19124093	18985564	19262005	1.90	cps
Scandium	45-2	1864833	1879502	1862027	1868787	0.50	cps
Selenium	82-1	2127	2321	2359	2269	5.49	cps
Selenium	77-2	1297	1110	1160	1189	8.13	cps
Selenium	78-2	1617	1647	1703	1656	2.66	cps
Silicon	28-1	52730606	52435453	51168379	52111479	1.59	cps
Silver	107-1	16399	16553	16449	16467	0.48	cps
Silver	109-1	15538	15695	16106	15780	1.86	cps
Sodium	23-2	327816	329294	324486	327199	0.75	cps
Strontium	86-1	1624648	1576761	1586131	1595847	1.59	cps
Strontium	88-1	13994996	13945996	13802873	13914622	0.72	cps
Sulfur	34-1	258011	256062	253472	255848	0.89	cps
Terbium	159-1	38604215	38493768	37834456	38310813	1.09	cps
Terbium	159-2	22887435	22989432	23064333	22980400	0.39	cps
Thallium	203-1	17024	16233	17111	16789	2.88	cps
Thallium	205-1	38240	39922	39099	39087	2.15	cps
Tin	118-1	77158	77588	74471	76406	2.21	cps
Titanium	47-1	4192708	4190257	4161042	4181336	0.42	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-03	Instrumnet Name :	P7
Client Sample ID :	MYE4W2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:49:39	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	110478	110663	112659	111266	1.09	cps
Vanadium	51-2	3076143	3022620	3028422	3042395	0.97	cps
Yttrium	89-1	49846513	49932161	48798453	49525709	1.27	cps
Yttrium	89-2	12917574	12742067	12635011	12764884	1.12	cps
Zinc	66-2	595122	596586	589903	593871	0.59	cps
Zirconium	90-1	922687	930617	913840	922381	0.91	cps
Zirconium	91-1	206053	208487	203866	206135	1.12	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-04	Instrumnet Name :	P7
Client Sample ID :	MYE4W3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:52:36	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27537080	27578438	27285747	27467088	0.58	cps
Antimony	121-1	100350	99615	99753	99906	0.39	cps
Arsenic	75-2	353195	347122	347167	349161	1.00	cps
Barium	135-1	4429204	4386550	4326982	4380912	1.17	cps
Barium	137-1	7668651	7488767	7576360	7577926	1.19	cps
Beryllium	9-1	3845	3701	3534	3693	4.22	cps
Bismuth	209-1	20697909	20762405	20561381	20673898	0.50	cps
Bismuth	209-2	13731653	13701517	13675544	13702905	0.20	cps
Bromine	81-1	28514	27990	28020	28175	1.05	cps
Bromine	81-2	1817	2007	1833	1886	5.58	cps
Cadmium	108-1	2770	2847	2704	2774	2.59	cps
Cadmium	106-1	17461	17033	16576	17023	2.60	cps
Cadmium	111-1	35059	34935	34997	34997	0.18	cps
Calcium	43-1	675022	663536	656888	665149	1.38	cps
Calcium	44-1	10598840	10476790	10251274	10442301	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1457324	1411990	1437837	1435717	1.58	cps
Cobalt	59-2	1732886	1722024	1711620	1722177	0.62	cps
Copper	63-2	7456618	7599722	7464912	7507084	1.07	cps
Dysprosium	156-1	263590	263331	262548	263156	0.21	cps
Dysprosium	156-2	204534	199818	199764	201372	1.36	cps
Erbium	164-1	197398	197176	196956	197177	0.11	cps
Erbium	164-2	120310	119964	117570	119281	1.25	cps
Gadolinium	160-1	239755	239011	235447	238071	0.97	cps
Gadolinium	160-2	154297	153251	154799	154116	0.51	cps
Holmium	165-1	37809230	37469032	36896414	37391559	1.23	cps
Holmium	165-2	22230241	22234836	22235656	22233577	0.01	cps
Indium	115-1	33447701	33237486	33384059	33356415	0.32	cps
Indium	115-2	10999478	11097936	10929041	11008818	0.77	cps
Iron	56-2	1423350539	1422887979	1426955872	1424398130	0.16	cps
Iron	57-2	35364174	35425447	34820692	35203438	0.95	cps
Iron	54-2	77972071	77770482	77933674	77892076	0.14	cps
Krypton	83-1	807	780	843	810	3.93	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-04	Instrumnet Name :	P7
Client Sample ID :	MYE4W3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:52:36	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2621737	2610749	2603564	2612016	0.35	cps
Lead	207-1	2301783	2347283	2288881	2312649	1.33	cps
Lead	208-1	10522878	10624779	10582650	10576769	0.48	cps
Lithium	6-1	2535300	2453268	2371019	2453196	3.35	cps
Magnesium	24-2	26168714	26086809	26346991	26200838	0.51	cps
Manganese	55-2	29404908	29346323	29308917	29353383	0.16	cps
Molybdenum	94-1	424737	426370	422119	424409	0.51	cps
Molybdenum	95-1	24557	25132	24300	24663	1.73	cps
Molybdenum	96-1	109463	109375	109066	109302	0.19	cps
Molybdenum	97-1	14861	15709	15338	15303	2.78	cps
Molybdenum	98-1	39176	38878	38554	38869	0.80	cps
Neodymium	150-1	519288	521686	523295	521423	0.39	cps
Neodymium	150-2	270787	273800	274561	273049	0.73	cps
Nickel	60-2	699928	704079	698903	700970	0.39	cps
Phosphorus	31-2	86734	86607	85001	86114	1.12	cps
Potassium	39-2	11592668	11644186	11450490	11562448	0.87	cps
Rhodium	103-1	32180371	31795504	32141175	32039017	0.66	cps
Rhodium	103-2	18688723	18861418	18422268	18657470	1.19	cps
Scandium	45-1	18843658	18595583	18364211	18601151	1.29	cps
Scandium	45-2	1791620	1842780	1794626	1809675	1.59	cps
Selenium	82-1	2327	2554	2236	2372	6.90	cps
Selenium	77-2	1117	1060	1007	1061	5.18	cps
Selenium	78-2	1603	1540	1590	1578	2.12	cps
Silicon	28-1	75561667	76077149	73224717	74954511	2.03	cps
Silver	107-1	37903	38220	37779	37967	0.60	cps
Silver	109-1	35517	35988	35530	35678	0.75	cps
Sodium	23-2	370934	363978	368063	367659	0.95	cps
Strontium	86-1	937370	941668	930931	936656	0.58	cps
Strontium	88-1	8168888	8330918	8023063	8174290	1.88	cps
Sulfur	34-1	260098	257629	253812	257180	1.23	cps
Terbium	159-1	39219124	39246781	38447486	38971131	1.16	cps
Terbium	159-2	22913197	22834296	23027118	22924870	0.42	cps
Thallium	203-1	17635	17835	18052	17841	1.17	cps
Thallium	205-1	41924	42630	43249	42601	1.56	cps
Tin	118-1	92531	91475	91532	91846	0.65	cps
Titanium	47-1	4789506	4745005	4604019	4712843	2.05	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-04	Instrumnet Name :	P7
Client Sample ID :	MYE4W3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:52:36	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	115566	114951	115412	115310	0.28	cps
Vanadium	51-2	2757565	2713287	2753345	2741399	0.89	cps
Yttrium	89-1	49924936	49516604	48653779	49365106	1.31	cps
Yttrium	89-2	12551399	12601169	12417266	12523278	0.76	cps
Zinc	66-2	1000966	991197	980675	990946	1.02	cps
Zirconium	90-1	1120614	1117663	1109504	1115927	0.52	cps
Zirconium	91-1	246888	249725	248071	248228	0.57	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-05	Instrumnet Name :	P7
Client Sample ID :	MYE4W4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:55:34	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28905852	28292799	28037134	28411928	1.57	cps
Antimony	121-1	115691	116802	113914	115469	1.26	cps
Arsenic	75-2	316344	317963	317087	317132	0.26	cps
Barium	135-1	4442157	4523761	4406283	4457400	1.35	cps
Barium	137-1	7740398	7645030	7644974	7676801	0.72	cps
Beryllium	9-1	4062	3606	3645	3771	6.70	cps
Bismuth	209-1	20979848	20683673	20596055	20753192	0.97	cps
Bismuth	209-2	13917046	13923998	13470484	13770509	1.89	cps
Bromine	81-1	28888	29349	29373	29203	0.94	cps
Bromine	81-2	2067	2190	2047	2101	3.69	cps
Cadmium	108-1	2547	2384	2377	2436	3.95	cps
Cadmium	106-1	16833	16726	16223	16594	1.97	cps
Cadmium	111-1	31058	30650	30883	30863	0.66	cps
Calcium	43-1	689375	683722	679752	684283	0.71	cps
Calcium	44-1	10816890	10836967	10692520	10782126	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1495102	1488941	1513236	1499093	0.84	cps
Cobalt	59-2	1692232	1686793	1670145	1683057	0.68	cps
Copper	63-2	5613507	5433483	5513337	5520109	1.63	cps
Dysprosium	156-1	258867	258290	258242	258466	0.13	cps
Dysprosium	156-2	195055	196977	193563	195198	0.88	cps
Erbium	164-1	197340	195777	193403	195507	1.01	cps
Erbium	164-2	118054	116363	117825	117414	0.78	cps
Gadolinium	160-1	236576	238808	236536	237306	0.55	cps
Gadolinium	160-2	152517	151614	151557	151896	0.35	cps
Holmium	165-1	37958244	37864055	38485506	38102602	0.88	cps
Holmium	165-2	22470434	22701364	22045387	22405728	1.49	cps
Indium	115-1	34082545	33381704	33863978	33776076	1.06	cps
Indium	115-2	10941924	10915583	10896060	10917855	0.21	cps
Iron	56-2	1487407551	1485089151	1478703231	1483733311	0.30	cps
Iron	57-2	36599927	36546277	35950809	36365671	0.99	cps
Iron	54-2	81878950	81033234	80910522	81274235	0.65	cps
Krypton	83-1	843	870	823	846	2.77	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-05	Instrumnet Name :	P7
Client Sample ID :	MYE4W4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:55:34	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2349228	2321420	2330160	2333603	0.61	cps
Lead	207-1	2073649	2047289	2065259	2062066	0.65	cps
Lead	208-1	9486475	9377599	9403286	9422453	0.60	cps
Lithium	6-1	2639746	2495648	2461991	2532461	3.73	cps
Magnesium	24-2	26551506	26524163	26110038	26395236	0.94	cps
Manganese	55-2	26710268	26580571	26480233	26590357	0.43	cps
Molybdenum	94-1	381384	378089	370401	376625	1.50	cps
Molybdenum	95-1	26608	26945	26240	26597	1.32	cps
Molybdenum	96-1	103577	102812	103017	103135	0.38	cps
Molybdenum	97-1	16239	16202	16039	16160	0.66	cps
Molybdenum	98-1	41499	41619	40920	41346	0.90	cps
Neodymium	150-1	510888	514483	503563	509645	1.09	cps
Neodymium	150-2	269032	263753	266148	266311	0.99	cps
Nickel	60-2	753299	747956	740792	747349	0.84	cps
Phosphorus	31-2	83453	81770	81542	82255	1.27	cps
Potassium	39-2	10378923	10372944	10137826	10296564	1.34	cps
Rhodium	103-1	32324746	31927459	31956654	32069620	0.69	cps
Rhodium	103-2	18819451	18598805	18517308	18645188	0.84	cps
Scandium	45-1	19128101	18832181	18718037	18892773	1.12	cps
Scandium	45-2	1799902	1799010	1793013	1797308	0.21	cps
Selenium	82-1	2340	2134	2205	2226	4.69	cps
Selenium	77-2	1013	1067	913	998	7.80	cps
Selenium	78-2	1627	1570	1567	1588	2.12	cps
Silicon	28-1	55567749	53401059	53416016	54128275	2.30	cps
Silver	107-1	27032	27456	26531	27006	1.71	cps
Silver	109-1	25813	26013	24995	25607	2.11	cps
Sodium	23-2	326389	325936	324365	325564	0.33	cps
Strontium	86-1	993679	990559	995659	993299	0.26	cps
Strontium	88-1	8678613	8714596	8566925	8653378	0.89	cps
Sulfur	34-1	263788	263086	260013	262296	0.77	cps
Terbium	159-1	39945722	38284557	39440505	39223595	2.17	cps
Terbium	159-2	23056710	22763375	22879474	22899853	0.65	cps
Thallium	203-1	16550	16617	16801	16656	0.78	cps
Thallium	205-1	39273	38882	39447	39201	0.74	cps
Tin	118-1	87541	88389	86467	87466	1.10	cps
Titanium	47-1	4151351	4054952	4094198	4100167	1.18	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-05	Instrumnet Name :	P7
Client Sample ID :	MYE4W4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:55:34	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	116074	117214	115264	116184	0.84	cps
Vanadium	51-2	2836510	2856437	2779748	2824232	1.41	cps
Yttrium	89-1	49210079	49746614	49405908	49454200	0.55	cps
Yttrium	89-2	12560984	12410402	12532831	12501406	0.64	cps
Zinc	66-2	972133	969244	958492	966623	0.74	cps
Zirconium	90-1	983130	984602	976508	981414	0.44	cps
Zirconium	91-1	218364	216281	217501	217382	0.48	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06RE	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:58:31	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28234091	28220638	28455110	28303280	0.47	cps
Antimony	121-1	91941	93783	94652	93459	1.48	cps
Arsenic	75-2	328235	327908	328864	328335	0.15	cps
Barium	135-1	4288363	4338074	4373413	4333284	0.99	cps
Barium	137-1	7573265	7515465	7380834	7489855	1.32	cps
Beryllium	9-1	3295	3273	3473	3347	3.28	cps
Bismuth	209-1	21366639	21323892	20728918	21139816	1.69	cps
Bismuth	209-2	14272141	14205813	14270517	14249490	0.27	cps
Bromine	81-1	26097	27215	27506	26939	2.76	cps
Bromine	81-2	1870	1917	1697	1828	6.34	cps
Cadmium	108-1	2914	2917	3027	2953	2.18	cps
Cadmium	106-1	17374	17063	17207	17215	0.90	cps
Cadmium	111-1	36677	36922	37211	36937	0.72	cps
Calcium	43-1	971984	985153	982771	979969	0.72	cps
Calcium	44-1	15151908	15336843	15421505	15303418	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1334357	1347858	1333966	1338727	0.59	cps
Cobalt	59-2	1670198	1662492	1656811	1663167	0.40	cps
Copper	63-2	8495820	8568705	8384655	8483060	1.09	cps
Dysprosium	156-1	240281	244737	244746	243255	1.06	cps
Dysprosium	156-2	187430	185461	185663	186185	0.58	cps
Erbium	164-1	181316	185381	186649	184449	1.51	cps
Erbium	164-2	113312	111188	109290	111263	1.81	cps
Gadolinium	160-1	216869	222440	222762	220690	1.50	cps
Gadolinium	160-2	141278	142736	142934	142316	0.64	cps
Holmium	165-1	38134960	37961501	38327191	38141217	0.48	cps
Holmium	165-2	22866163	22634681	22735315	22745386	0.51	cps
Indium	115-1	33820228	33662220	33137534	33539994	1.07	cps
Indium	115-2	11054465	11192343	11146095	11130968	0.63	cps
Iron	56-2	1313826434	1301706301	1319316967	1311616567	0.69	cps
Iron	57-2	32830232	32853234	32467690	32717052	0.66	cps
Iron	54-2	72050679	72213624	73026664	72430322	0.72	cps
Krypton	83-1	763	737	807	769	4.60	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06RE	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:58:31	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3148912	3181666	3134165	3154914	0.77	cps
Lead	207-1	2811154	2763343	2767025	2780507	0.96	cps
Lead	208-1	12697437	12775461	12594213	12689037	0.72	cps
Lithium	6-1	2703867	2578297	2454220	2578795	4.84	cps
Magnesium	24-2	27888146	27801443	28022377	27903989	0.40	cps
Manganese	55-2	24321315	24399939	24699019	24473424	0.81	cps
Molybdenum	94-1	462680	469355	463448	465161	0.79	cps
Molybdenum	95-1	20865	21369	21155	21130	1.20	cps
Molybdenum	96-1	110538	112989	112250	111925	1.12	cps
Molybdenum	97-1	12636	13436	13143	13071	3.10	cps
Molybdenum	98-1	32012	33475	32887	32791	2.25	cps
Neodymium	150-1	471572	485246	481677	479498	1.48	cps
Neodymium	150-2	255550	252621	250425	252865	1.02	cps
Nickel	60-2	709027	705230	707583	707280	0.27	cps
Phosphorus	31-2	98947	98075	97696	98239	0.65	cps
Potassium	39-2	8818615	8804943	8621411	8748323	1.26	cps
Rhodium	103-1	32811362	32283325	31931425	32342037	1.37	cps
Rhodium	103-2	18826153	18875086	18819732	18840324	0.16	cps
Scandium	45-1	18913631	18471671	18417816	18601039	1.46	cps
Scandium	45-2	1770711	1788816	1791554	1783694	0.63	cps
Selenium	82-1	2431	2482	2329	2414	3.22	cps
Selenium	77-2	983	973	813	923	10.33	cps
Selenium	78-2	1537	1477	1513	1509	2.00	cps
Silicon	28-1	70344951	72609204	71120689	71358281	1.61	cps
Silver	107-1	47401	47521	48086	47669	0.77	cps
Silver	109-1	45491	45381	46123	45665	0.88	cps
Sodium	23-2	353303	354391	352457	353384	0.27	cps
Strontium	86-1	1109172	1130521	1134134	1124609	1.20	cps
Strontium	88-1	9703918	9936369	9818558	9819615	1.18	cps
Sulfur	34-1	282990	277516	276493	279000	1.25	cps
Terbium	159-1	39874197	39401339	38928645	39401394	1.20	cps
Terbium	159-2	23184469	23016790	22877727	23026329	0.67	cps
Thallium	203-1	15022	14751	14738	14837	1.08	cps
Thallium	205-1	35189	35723	35433	35448	0.76	cps
Tin	118-1	92672	95242	94618	94178	1.42	cps
Titanium	47-1	4131403	4183329	4168807	4161179	0.64	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06RE	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 00:58:31	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	92885	96456	95670	95004	1.98	cps
Vanadium	51-2	2622327	2576320	2607411	2602019	0.90	cps
Yttrium	89-1	50334401	49407599	49411064	49717688	1.07	cps
Yttrium	89-2	12540704	12516529	12337158	12464797	0.89	cps
Zinc	66-2	1002987	990676	984561	992741	0.95	cps
Zirconium	90-1	1231443	1244439	1251348	1242410	0.81	cps
Zirconium	91-1	271488	278174	276804	275488	1.28	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-07	Instrumnet Name :	P7
Client Sample ID :	MYE4W5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:01:30	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29333105	29071950	29103694	29169583	0.49	cps
Antimony	121-1	96239	95423	96356	96006	0.53	cps
Arsenic	75-2	329388	325879	325012	326760	0.71	cps
Barium	135-1	4571979	4558050	4448053	4526027	1.50	cps
Barium	137-1	7817285	7812292	7705556	7778378	0.81	cps
Beryllium	9-1	3695	3428	3489	3538	3.95	cps
Bismuth	209-1	20764132	20920409	20637137	20773893	0.68	cps
Bismuth	209-2	13779875	13750696	13824059	13784877	0.27	cps
Bromine	81-1	26991	27643	27125	27253	1.26	cps
Bromine	81-2	1897	1707	1567	1723	9.61	cps
Cadmium	108-1	2880	3007	3004	2964	2.44	cps
Cadmium	106-1	17237	17234	16636	17036	2.03	cps
Cadmium	111-1	38574	37804	38091	38156	1.02	cps
Calcium	43-1	1026342	1016424	1004202	1015656	1.09	cps
Calcium	44-1	15935362	15533084	15753831	15740759	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1438286	1406006	1382444	1408912	1.99	cps
Cobalt	59-2	1700270	1673881	1690765	1688305	0.79	cps
Copper	63-2	8853762	8740837	8642792	8745797	1.21	cps
Dysprosium	156-1	252418	251694	252562	252225	0.18	cps
Dysprosium	156-2	190300	191379	191561	191080	0.36	cps
Erbium	164-1	192338	192640	192468	192482	0.08	cps
Erbium	164-2	115889	115826	114091	115269	0.89	cps
Gadolinium	160-1	230417	232277	231254	231316	0.40	cps
Gadolinium	160-2	148751	149394	147359	148501	0.70	cps
Holmium	165-1	37141625	38017907	37534799	37564777	1.17	cps
Holmium	165-2	22353045	22064221	22211770	22209679	0.65	cps
Indium	115-1	32723934	33255911	33446599	33142148	1.13	cps
Indium	115-2	10800606	10825883	10630621	10752370	0.99	cps
Iron	56-2	1339073020	1352030513	1318733420	1336612318	1.26	cps
Iron	57-2	33130439	33196055	33141606	33156033	0.11	cps
Iron	54-2	73962011	74147581	73346444	73818678	0.57	cps
Krypton	83-1	817	793	770	793	2.94	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-07	Instrumnet Name :	P7
Client Sample ID :	MYE4W5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:01:30	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3282393	3278027	3205584	3255335	1.33	cps
Lead	207-1	2925433	2963422	2847253	2912036	2.03	cps
Lead	208-1	13296320	13356743	13090111	13247725	1.06	cps
Lithium	6-1	2617647	2448495	2493786	2519976	3.47	cps
Magnesium	24-2	29365550	29023090	28672089	29020243	1.19	cps
Manganese	55-2	25410325	25628937	25044370	25361211	1.16	cps
Molybdenum	94-1	480070	478820	472208	477032	0.89	cps
Molybdenum	95-1	21983	21840	21696	21840	0.66	cps
Molybdenum	96-1	113980	114124	114087	114064	0.07	cps
Molybdenum	97-1	13643	13713	13380	13579	1.30	cps
Molybdenum	98-1	33916	33508	33923	33782	0.70	cps
Neodymium	150-1	499331	501229	497776	499445	0.35	cps
Neodymium	150-2	261260	261462	255252	259325	1.36	cps
Nickel	60-2	739257	728937	726976	731723	0.90	cps
Phosphorus	31-2	101201	103141	101259	101867	1.08	cps
Potassium	39-2	8953248	8899692	8930600	8927847	0.30	cps
Rhodium	103-1	31744382	31625615	31567421	31645806	0.29	cps
Rhodium	103-2	18464077	18356438	18466200	18428905	0.34	cps
Scandium	45-1	18608055	18247924	18223188	18359723	1.17	cps
Scandium	45-2	1752944	1752833	1719083	1741620	1.12	cps
Selenium	82-1	2305	2311	2511	2375	4.93	cps
Selenium	77-2	1013	1010	947	990	3.79	cps
Selenium	78-2	1600	1477	1627	1568	5.10	cps
Silicon	28-1	70804852	69626796	69058477	69830042	1.28	cps
Silver	107-1	50742	50063	49283	50029	1.46	cps
Silver	109-1	47220	46544	47347	47037	0.92	cps
Sodium	23-2	355809	357905	358243	357319	0.37	cps
Strontium	86-1	1160245	1160194	1145119	1155186	0.75	cps
Strontium	88-1	10183901	10251504	9864706	10100037	2.05	cps
Sulfur	34-1	279377	276127	276842	277449	0.62	cps
Terbium	159-1	38562605	38809861	39217323	38863263	0.85	cps
Terbium	159-2	22839178	22786208	22472445	22699277	0.87	cps
Thallium	203-1	15235	15229	15509	15324	1.04	cps
Thallium	205-1	36058	36148	35657	35954	0.73	cps
Tin	118-1	96530	96803	95447	96260	0.75	cps
Titanium	47-1	4257626	4251873	4198063	4235854	0.78	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-07	Instrumnet Name :	P7
Client Sample ID :	MYE4W5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:01:30	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	98320	98477	99565	98787	0.69	cps
Vanadium	51-2	2644598	2632818	2621697	2633038	0.43	cps
Yttrium	89-1	48768294	48961866	48021683	48583948	1.02	cps
Yttrium	89-2	12198982	12167421	12137214	12167872	0.25	cps
Zinc	66-2	1015217	1008880	1014307	1012801	0.34	cps
Zirconium	90-1	1262080	1269507	1255538	1262375	0.55	cps
Zirconium	91-1	283201	280620	279795	281205	0.63	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4W5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 01:04:26	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5430246	5387131	5429061	5415479	0.45	cps
Antimony	121-1	18335	18081	18292	18236	0.74	cps
Arsenic	75-2	64359	63666	62745	63590	1.27	cps
Barium	135-1	843046	831633	828836	834505	0.90	cps
Barium	137-1	1458680	1441807	1448691	1449726	0.59	cps
Beryllium	9-1	783	650	706	713	9.39	cps
Bismuth	209-1	21365099	20652913	20806797	20941603	1.79	cps
Bismuth	209-2	14407024	14261028	14211162	14293071	0.71	cps
Bromine	81-1	23255	22761	22577	22865	1.53	cps
Bromine	81-2	410	400	477	429	9.72	cps
Cadmium	108-1	563	627	663	618	8.19	cps
Cadmium	106-1	12549	12696	11595	12280	4.87	cps
Cadmium	111-1	8322	8276	8085	8227	1.53	cps
Calcium	43-1	194801	191833	191476	192703	0.95	cps
Calcium	44-1	3051501	3084884	3018072	3051485	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257700	257334	256425	257153	0.26	cps
Cobalt	59-2	318631	315983	314565	316393	0.65	cps
Copper	63-2	1660854	1650351	1633178	1648128	0.85	cps
Dysprosium	156-1	46865	46567	46039	46490	0.90	cps
Dysprosium	156-2	35354	35241	36247	35614	1.55	cps
Erbium	164-1	35629	35208	34823	35220	1.14	cps
Erbium	164-2	21690	21270	21306	21422	1.09	cps
Gadolinium	160-1	42993	42514	42511	42673	0.65	cps
Gadolinium	160-2	28740	28148	27651	28180	1.93	cps
Holmium	165-1	38241522	37184347	36848358	37424742	1.94	cps
Holmium	165-2	22426856	22293073	22569810	22429913	0.62	cps
Indium	115-1	34692217	33996777	33179315	33956103	2.23	cps
Indium	115-2	11094608	10927867	10731592	10918022	1.66	cps
Iron	56-2	251260916	248064130	247696296	249007114	0.79	cps
Iron	57-2	6132312	6090343	6122130	6114928	0.36	cps
Iron	54-2	13678905	13644464	13595264	13639544	0.31	cps
Krypton	83-1	583	653	623	620	5.66	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4W5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 01:04:26	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	637203	631727	626520	631817	0.85	cps
Lead	207-1	555346	556276	549372	553665	0.68	cps
Lead	208-1	2538399	2521965	2508330	2522898	0.60	cps
Lithium	6-1	2663803	2711508	2675989	2683767	0.92	cps
Magnesium	24-2	5326312	5301913	5340769	5322998	0.37	cps
Manganese	55-2	4641057	4622670	4617021	4626916	0.27	cps
Molybdenum	94-1	89954	90078	89210	89747	0.52	cps
Molybdenum	95-1	4171	4114	4281	4188	2.02	cps
Molybdenum	96-1	22100	21659	20955	21572	2.68	cps
Molybdenum	97-1	2560	2647	2554	2587	2.01	cps
Molybdenum	98-1	6331	6702	6798	6610	3.73	cps
Neodymium	150-1	92840	91266	91316	91808	0.97	cps
Neodymium	150-2	48249	49302	48319	48624	1.21	cps
Nickel	60-2	137595	136723	135869	136729	0.63	cps
Phosphorus	31-2	19659	19055	19172	19296	1.66	cps
Potassium	39-2	1744028	1730936	1754362	1743109	0.67	cps
Rhodium	103-1	33385061	32843079	32413738	32880626	1.48	cps
Rhodium	103-2	19018078	18645264	18515116	18726153	1.39	cps
Scandium	45-1	18293146	17894925	17861011	18016361	1.33	cps
Scandium	45-2	1691598	1646505	1657795	1665299	1.41	cps
Selenium	82-1	1729	1775	1658	1721	3.42	cps
Selenium	77-2	180	197	213	197	8.48	cps
Selenium	78-2	930	850	837	872	5.79	cps
Silicon	28-1	15512395	15294470	15291910	15366258	0.82	cps
Silver	107-1	9400	9590	9620	9537	1.25	cps
Silver	109-1	8746	9220	8993	8986	2.64	cps
Sodium	23-2	138611	137141	137235	137662	0.60	cps
Strontium	86-1	217519	216213	218510	217414	0.53	cps
Strontium	88-1	1934109	1915058	1905477	1918215	0.76	cps
Sulfur	34-1	246284	243138	240402	243275	1.21	cps
Terbium	159-1	39815503	38391509	38771764	38992925	1.89	cps
Terbium	159-2	22823895	22711870	22658356	22731374	0.37	cps
Thallium	203-1	3907	3671	3824	3801	3.16	cps
Thallium	205-1	9023	8703	8349	8692	3.88	cps
Tin	118-1	23069	22274	21853	22399	2.76	cps
Titanium	47-1	810446	813827	804646	809640	0.57	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4W5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 01:04:26	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18626	18623	18640	18630	0.05	cps
Vanadium	51-2	480321	480371	478682	479791	0.20	cps
Yttrium	89-1	47379739	46613093	45963326	46652053	1.52	cps
Yttrium	89-2	11729680	11672313	11484531	11628841	1.10	cps
Zinc	66-2	197501	194866	193381	195249	1.07	cps
Zirconium	90-1	240008	237782	239737	239176	0.51	cps
Zirconium	91-1	54056	53514	53460	53677	0.61	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-08	Instrumnet Name :	P7
Client Sample ID :	MYE4W5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:07:33	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28715322	28703449	28436700	28618490	0.55	cps
Antimony	121-1	1717650	1704742	1731284	1717892	0.77	cps
Arsenic	75-2	356753	356544	358417	357238	0.29	cps
Barium	135-1	12312616	12157865	11979124	12149869	1.37	cps
Barium	137-1	21000372	21225747	20934208	21053442	0.73	cps
Beryllium	9-1	62180	61438	60188	61269	1.64	cps
Bismuth	209-1	20804528	20972563	20504211	20760434	1.14	cps
Bismuth	209-2	13921750	14014863	13497019	13811211	2.00	cps
Bromine	81-1	25963	26998	27142	26701	2.41	cps
Bromine	81-2	1623	1740	1623	1662	4.05	cps
Cadmium	108-1	17614	17541	17474	17543	0.40	cps
Cadmium	106-1	36656	36569	36329	36518	0.46	cps
Cadmium	111-1	243055	244909	244143	244035	0.38	cps
Calcium	43-1	982167	978737	972894	977933	0.48	cps
Calcium	44-1	15577726	15326290	15501206	15468408	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2798586	2751286	2772310	2774060	0.85	cps
Cobalt	59-2	8090419	8091721	8057128	8079756	0.24	cps
Copper	63-2	10352557	10308404	10399688	10353550	0.44	cps
Dysprosium	156-1	240249	242816	242768	241944	0.61	cps
Dysprosium	156-2	184667	184070	182205	183647	0.70	cps
Erbium	164-1	181793	183959	184981	183578	0.89	cps
Erbium	164-2	110805	110785	107983	109858	1.48	cps
Gadolinium	160-1	219550	219643	220923	220039	0.35	cps
Gadolinium	160-2	143076	139170	140510	140918	1.41	cps
Holmium	165-1	37413254	37199937	37464740	37359311	0.38	cps
Holmium	165-2	22046397	22232452	21817279	22032043	0.94	cps
Indium	115-1	33193605	32497183	32769197	32819995	1.07	cps
Indium	115-2	10645802	10524468	10491694	10553988	0.77	cps
Iron	56-2	1291830994	1292345181	1268479048	1284218408	1.06	cps
Iron	57-2	32009877	31622401	31685640	31772640	0.65	cps
Iron	54-2	71005101	70626146	70788979	70806742	0.27	cps
Krypton	83-1	783	853	790	809	4.78	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-08	Instrumnet Name :	P7
Client Sample ID :	MYE4W5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:07:33	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3342198	3371359	3313288	3342282	0.87	cps
Lead	207-1	3011505	2945162	2957839	2971502	1.19	cps
Lead	208-1	13657291	13523832	13379946	13520356	1.03	cps
Lithium	6-1	2572377	2517249	2495366	2528331	1.57	cps
Magnesium	24-2	27473680	27547674	27542430	27521261	0.15	cps
Manganese	55-2	26764220	26155138	26308531	26409296	1.20	cps
Molybdenum	94-1	459453	462439	457164	459685	0.58	cps
Molybdenum	95-1	20985	20912	20975	20957	0.19	cps
Molybdenum	96-1	110232	110944	110752	110643	0.33	cps
Molybdenum	97-1	13013	12879	13049	12980	0.69	cps
Molybdenum	98-1	33378	33248	33699	33442	0.69	cps
Neodymium	150-1	475863	475764	475788	475805	0.01	cps
Neodymium	150-2	249046	247970	247845	248287	0.27	cps
Nickel	60-2	2195706	2235698	2222530	2217978	0.92	cps
Phosphorus	31-2	96676	96988	96274	96646	0.37	cps
Potassium	39-2	8479517	8442184	8447718	8456473	0.24	cps
Rhodium	103-1	31926091	31166342	30999788	31364074	1.57	cps
Rhodium	103-2	18486394	18176497	18273029	18311974	0.87	cps
Scandium	45-1	18572137	18162270	17921425	18218611	1.81	cps
Scandium	45-2	1725680	1708919	1715877	1716825	0.49	cps
Selenium	82-1	33742	33820	33545	33702	0.42	cps
Selenium	77-2	3891	4051	4117	4019	2.90	cps
Selenium	78-2	11428	11738	11451	11539	1.50	cps
Silicon	28-1	72765824	71974679	69963171	71567891	2.02	cps
Silver	107-1	975247	962923	966557	968242	0.65	cps
Silver	109-1	923303	925952	923621	924292	0.16	cps
Sodium	23-2	336420	334752	338747	336639	0.60	cps
Strontium	86-1	1110903	1114996	1116812	1114237	0.27	cps
Strontium	88-1	9845868	9861737	9679829	9795811	1.03	cps
Sulfur	34-1	280603	276962	278391	278652	0.66	cps
Terbium	159-1	38709405	38187533	38520074	38472337	0.69	cps
Terbium	159-2	22820082	22694332	22276957	22597124	1.26	cps
Thallium	203-1	685191	684037	686119	685116	0.15	cps
Thallium	205-1	1606743	1618058	1613201	1612667	0.35	cps
Tin	118-1	93474	94169	92494	93379	0.90	cps
Titanium	47-1	4194649	4099652	4178951	4157751	1.22	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-08	Instrumnet Name :	P7
Client Sample ID :	MYE4W5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:07:33	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	95140	96019	96265	95808	0.62	cps
Vanadium	51-2	5547862	5504448	5602837	5551716	0.89	cps
Yttrium	89-1	48655761	48426526	47795736	48292674	0.92	cps
Yttrium	89-2	12111277	11933146	11985507	12009977	0.76	cps
Zinc	66-2	1632284	1621717	1619661	1624554	0.42	cps
Zirconium	90-1	1221459	1220501	1216232	1219397	0.23	cps
Zirconium	91-1	273187	274170	273349	273569	0.19	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06MS	Instrumnet Name :	P7
Client Sample ID :	MYE4W5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:10:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30606737	30217743	30075205	30299895	0.91	cps
Antimony	121-1	8264526	8417741	8273288	8318518	1.03	cps
Arsenic	75-2	488616	487470	484187	486758	0.47	cps
Barium	135-1	44333719	44231841	43599043	44054868	0.90	cps
Barium	137-1	77389861	77195311	76112177	76899116	0.90	cps
Beryllium	9-1	303926	303846	293677	300483	1.96	cps
Bismuth	209-1	20485064	21215045	20888338	20862816	1.75	cps
Bismuth	209-2	13784765	13808075	13857732	13816857	0.27	cps
Bromine	81-1	26604	26878	26060	26514	1.57	cps
Bromine	81-2	1637	1577	1630	1615	2.04	cps
Cadmium	108-1	76493	75720	76892	76368	0.78	cps
Cadmium	106-1	117363	117981	117168	117504	0.36	cps
Cadmium	111-1	1089021	1099404	1088561	1092329	0.56	cps
Calcium	43-1	948091	940009	930176	939425	0.96	cps
Calcium	44-1	15473266	15163316	14860778	15165787	2.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8608433	8671914	8576012	8618786	0.57	cps
Cobalt	59-2	34625539	34524174	34607032	34585582	0.16	cps
Copper	63-2	18531591	18250281	18285321	18355731	0.84	cps
Dysprosium	156-1	237396	235636	237759	236930	0.48	cps
Dysprosium	156-2	178991	180694	179664	179783	0.48	cps
Erbium	164-1	179579	182358	182169	181369	0.86	cps
Erbium	164-2	110258	108138	107842	108746	1.21	cps
Gadolinium	160-1	215083	218144	215432	216220	0.77	cps
Gadolinium	160-2	139295	138712	137622	138543	0.61	cps
Holmium	165-1	37130950	37712578	36829030	37224186	1.21	cps
Holmium	165-2	21783328	22094417	22036256	21971334	0.75	cps
Indium	115-1	32436178	32316039	32382118	32378112	0.19	cps
Indium	115-2	10552711	10636591	10428780	10539361	0.99	cps
Iron	56-2	1262538621	1270689874	1266162994	1266463830	0.32	cps
Iron	57-2	31139966	31033749	30930945	31034887	0.34	cps
Iron	54-2	69802861	69804132	69841297	69816097	0.03	cps
Krypton	83-1	760	807	847	804	5.39	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06MS	Instrumnet Name :	P7
Client Sample ID :	MYE4W5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:10:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4208549	4205415	4213896	4209287	0.10	cps
Lead	207-1	3689816	3729798	3673593	3697736	0.78	cps
Lead	208-1	16804076	17124159	16894784	16941006	0.97	cps
Lithium	6-1	2519338	2483549	2483884	2495590	0.82	cps
Magnesium	24-2	26653146	26296359	26525100	26491535	0.68	cps
Manganese	55-2	36035144	36291258	36241421	36189274	0.38	cps
Molybdenum	94-1	450534	449863	449303	449900	0.14	cps
Molybdenum	95-1	21539	20728	21025	21097	1.95	cps
Molybdenum	96-1	108183	108408	108146	108245	0.13	cps
Molybdenum	97-1	12963	12862	12806	12877	0.62	cps
Molybdenum	98-1	33645	33542	33221	33469	0.66	cps
Neodymium	150-1	467653	468745	466993	467797	0.19	cps
Neodymium	150-2	243126	242359	240543	242009	0.55	cps
Nickel	60-2	8321621	8264463	8274993	8287026	0.37	cps
Phosphorus	31-2	94476	91317	92162	92652	1.77	cps
Potassium	39-2	8191316	8134790	8066347	8130818	0.77	cps
Rhodium	103-1	31110705	30940540	30576530	30875925	0.88	cps
Rhodium	103-2	17900409	17917568	18147109	17988362	0.77	cps
Scandium	45-1	17972576	17879061	17367241	17739626	1.84	cps
Scandium	45-2	1663504	1693858	1664429	1673930	1.03	cps
Selenium	82-1	152146	153585	151427	152386	0.72	cps
Selenium	77-2	15068	15645	15141	15285	2.06	cps
Selenium	78-2	50319	50335	48857	49837	1.70	cps
Silicon	28-1	69371271	68832682	66411714	68205222	2.31	cps
Silver	107-1	4669521	4691521	4660825	4673956	0.34	cps
Silver	109-1	4572747	4502264	4446029	4507013	1.41	cps
Sodium	23-2	329961	329921	328954	329612	0.17	cps
Strontium	86-1	1088425	1085534	1080733	1084897	0.36	cps
Strontium	88-1	9426359	9372175	9281188	9359907	0.78	cps
Sulfur	34-1	270498	267209	262098	266602	1.59	cps
Terbium	159-1	38663739	38490503	38387117	38513786	0.36	cps
Terbium	159-2	22647953	22446176	22405711	22499947	0.58	cps
Thallium	203-1	3368870	3390193	3310586	3356550	1.23	cps
Thallium	205-1	8071195	8148289	7872123	8030536	1.77	cps
Tin	118-1	96666	96440	93339	95482	1.95	cps
Titanium	47-1	4044822	4009034	3949217	4001024	1.21	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06MS	Instrumnet Name :	P7
Client Sample ID :	MYE4W5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:10:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	93969	94053	94985	94336	0.60	cps
Vanadium	51-2	18049242	18059981	17885784	17998336	0.54	cps
Yttrium	89-1	47545643	47181543	47137899	47288362	0.47	cps
Yttrium	89-2	11742249	11772457	11916811	11810506	0.79	cps
Zinc	66-2	4256080	4213982	4217853	4229305	0.55	cps
Zirconium	90-1	1191682	1192673	1175216	1186524	0.83	cps
Zirconium	91-1	265071	266640	264534	265415	0.41	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-09	Instrumnet Name :	P7
Client Sample ID :	MYE4W6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:13:17	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27082364	26922880	26764246	26923163	0.59	cps
Antimony	121-1	99991	99739	98796	99509	0.63	cps
Arsenic	75-2	336792	340133	338268	338398	0.49	cps
Barium	135-1	4465538	4400830	4424672	4430346	0.74	cps
Barium	137-1	7639982	7673589	7542753	7618774	0.89	cps
Beryllium	9-1	3873	3650	3539	3688	4.60	cps
Bismuth	209-1	20307350	20622131	20351576	20427019	0.83	cps
Bismuth	209-2	13772570	12483308	13309419	13188432	4.95	cps
Bromine	81-1	26233	26273	26584	26364	0.73	cps
Bromine	81-2	1773	1790	1637	1733	4.85	cps
Cadmium	108-1	2284	2134	2207	2208	3.40	cps
Cadmium	106-1	15418	14898	14868	15061	2.06	cps
Cadmium	111-1	28174	27905	27866	27981	0.60	cps
Calcium	43-1	688890	677373	673843	680036	1.16	cps
Calcium	44-1	10678385	10511748	10416481	10535538	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1433908	1452132	1396574	1427538	1.98	cps
Cobalt	59-2	1706763	1722259	1694183	1707735	0.82	cps
Copper	63-2	5060609	5040537	4948207	5016451	1.20	cps
Dysprosium	156-1	246379	247107	243995	245827	0.66	cps
Dysprosium	156-2	185910	188240	186622	186924	0.64	cps
Erbium	164-1	193082	191885	192948	192638	0.34	cps
Erbium	164-2	116404	117270	115374	116349	0.82	cps
Gadolinium	160-1	230511	229853	227419	229261	0.71	cps
Gadolinium	160-2	146904	145234	146331	146157	0.58	cps
Holmium	165-1	37199900	36723057	36995981	36972979	0.65	cps
Holmium	165-2	22365741	19954748	21553256	21291248	5.76	cps
Indium	115-1	32175371	32398644	31919665	32164560	0.75	cps
Indium	115-2	10569807	9485689	9978054	10011184	5.42	cps
Iron	56-2	1445982325	1418478272	1433421205	1432627268	0.96	cps
Iron	57-2	35468859	35520659	34766519	35252012	1.19	cps
Iron	54-2	78685070	78475361	78071091	78410507	0.40	cps
Krypton	83-1	853	763	717	778	8.93	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-09	Instrumnet Name :	P7
Client Sample ID :	MYE4W6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:13:17	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2226794	2236835	2235520	2233049	0.24	cps
Lead	207-1	1930213	1942968	1952144	1941775	0.57	cps
Lead	208-1	8987609	8958976	8977762	8974782	0.16	cps
Lithium	6-1	2533158	2406743	2385261	2441721	3.27	cps
Magnesium	24-2	26303579	26136949	26087266	26175931	0.43	cps
Manganese	55-2	24358152	24318081	24339378	24338537	0.08	cps
Molybdenum	94-1	378182	376175	375075	376477	0.42	cps
Molybdenum	95-1	25506	25552	25719	25592	0.44	cps
Molybdenum	96-1	103227	102128	103486	102947	0.70	cps
Molybdenum	97-1	16029	15595	15932	15852	1.44	cps
Molybdenum	98-1	39904	40687	39985	40192	1.07	cps
Neodymium	150-1	482630	483153	481050	482278	0.23	cps
Neodymium	150-2	252540	252071	251398	252003	0.23	cps
Nickel	60-2	695522	686874	686801	689732	0.73	cps
Phosphorus	31-2	83097	82872	83841	83270	0.61	cps
Potassium	39-2	9903329	10194527	9926490	10008115	1.62	cps
Rhodium	103-1	31302175	31372635	30741345	31138719	1.11	cps
Rhodium	103-2	18202972	16310744	17348776	17287498	5.48	cps
Scandium	45-1	17821604	17757784	17541141	17706843	0.83	cps
Scandium	45-2	1693323	1569610	1603300	1622077	3.94	cps
Selenium	82-1	2183	2227	2198	2203	1.02	cps
Selenium	77-2	930	963	1033	976	5.41	cps
Selenium	78-2	1493	1460	1337	1430	5.77	cps
Silicon	28-1	65318069	65256096	64165677	64913281	1.00	cps
Silver	107-1	32042	31628	31745	31805	0.67	cps
Silver	109-1	30061	29637	29266	29655	1.34	cps
Sodium	23-2	348707	348890	351613	349737	0.47	cps
Strontium	86-1	970297	967543	956473	964771	0.76	cps
Strontium	88-1	8538307	8439972	8357406	8445228	1.07	cps
Sulfur	34-1	257539	253655	251430	254208	1.22	cps
Terbium	159-1	38423828	38683323	38409649	38505600	0.40	cps
Terbium	159-2	22426121	20269884	21885025	21527010	5.21	cps
Thallium	203-1	16263	16273	16123	16220	0.52	cps
Thallium	205-1	38528	38030	37659	38072	1.15	cps
Tin	118-1	86836	85817	86907	86520	0.70	cps
Titanium	47-1	4104455	4107941	4059104	4090500	0.67	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-09	Instrumnet Name :	P7
Client Sample ID :	MYE4W6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:13:17	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	107456	108867	106357	107560	1.17	cps
Vanadium	51-2	2942004	2968495	2903851	2938117	1.11	cps
Yttrium	89-1	47312739	47262349	46815433	47130174	0.58	cps
Yttrium	89-2	12100844	10805764	11588488	11498365	5.67	cps
Zinc	66-2	921674	923363	911093	918710	0.72	cps
Zirconium	90-1	982195	983618	978370	981394	0.28	cps
Zirconium	91-1	219963	221253	219471	220229	0.42	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-10	Instrumnet Name :	P7
Client Sample ID :	MYE4W7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:16:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24170779	24318165	24516812	24335252	0.71	cps
Antimony	121-1	107038	106719	107746	107168	0.49	cps
Arsenic	75-2	258796	255181	251601	255193	1.41	cps
Barium	135-1	3546776	3508617	3533657	3529683	0.55	cps
Barium	137-1	6059835	6075367	6056003	6063735	0.17	cps
Beryllium	9-1	2956	3100	3045	3034	2.40	cps
Bismuth	209-1	21188488	20969567	20923864	21027306	0.67	cps
Bismuth	209-2	13644326	13812591	13918670	13791863	1.00	cps
Bromine	81-1	26865	26875	27412	27050	1.16	cps
Bromine	81-2	1900	1960	1720	1860	6.72	cps
Cadmium	108-1	2357	2300	2184	2280	3.88	cps
Cadmium	106-1	15325	14728	14197	14750	3.83	cps
Cadmium	111-1	27860	27220	27373	27484	1.22	cps
Calcium	43-1	654790	649931	643358	649360	0.88	cps
Calcium	44-1	10083181	10072707	10116288	10090726	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1373465	1383404	1336538	1364469	1.81	cps
Cobalt	59-2	1407360	1395708	1393365	1398811	0.54	cps
Copper	63-2	5264679	5256890	5358316	5293295	1.07	cps
Dysprosium	156-1	223379	223474	224659	223837	0.32	cps
Dysprosium	156-2	167775	167367	168316	167819	0.28	cps
Erbium	164-1	176203	175168	172572	174648	1.07	cps
Erbium	164-2	103369	103292	103970	103543	0.36	cps
Gadolinium	160-1	210546	211176	210123	210615	0.25	cps
Gadolinium	160-2	135067	135552	133361	134660	0.85	cps
Holmium	165-1	37905574	37103803	37136782	37382053	1.21	cps
Holmium	165-2	21805231	22032481	22336422	22058045	1.21	cps
Indium	115-1	33061083	32627392	32340130	32676202	1.11	cps
Indium	115-2	10517239	10533456	10446540	10499079	0.44	cps
Iron	56-2	1294239847	1291100034	1292251821	1292530567	0.12	cps
Iron	57-2	31827465	31891456	31863989	31860970	0.10	cps
Iron	54-2	71018997	70451206	70162832	70544345	0.62	cps
Krypton	83-1	767	773	790	777	1.55	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-10	Instrumnet Name :	P7
Client Sample ID :	MYE4W7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:16:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2361020	2342168	2343813	2349001	0.44	cps
Lead	207-1	2068187	2089371	2078797	2078785	0.51	cps
Lead	208-1	9383054	9505414	9392709	9427059	0.72	cps
Lithium	6-1	2481471	2369569	2483841	2444960	2.67	cps
Magnesium	24-2	24225991	24060438	24304120	24196850	0.51	cps
Manganese	55-2	20100041	20059105	19898516	20019221	0.53	cps
Molybdenum	94-1	313533	311948	309521	311667	0.65	cps
Molybdenum	95-1	22748	23205	22888	22947	1.02	cps
Molybdenum	96-1	88616	87657	87319	87864	0.77	cps
Molybdenum	97-1	14364	14430	14114	14303	1.17	cps
Molybdenum	98-1	35490	36863	36442	36265	1.94	cps
Neodymium	150-1	445631	450907	446717	447752	0.62	cps
Neodymium	150-2	233383	231994	232029	232469	0.34	cps
Nickel	60-2	607185	600175	594672	600677	1.04	cps
Phosphorus	31-2	77508	77458	78627	77864	0.85	cps
Potassium	39-2	8519198	8623692	8633545	8592145	0.74	cps
Rhodium	103-1	31852315	31371777	31068950	31431014	1.26	cps
Rhodium	103-2	17838826	17905865	18026364	17923685	0.53	cps
Scandium	45-1	18056576	17852967	17728158	17879234	0.93	cps
Scandium	45-2	1672837	1681904	1651806	1668849	0.93	cps
Selenium	82-1	2237	2164	2147	2183	2.19	cps
Selenium	77-2	927	943	913	928	1.62	cps
Selenium	78-2	1427	1353	1440	1407	3.32	cps
Silicon	28-1	67931406	68198337	66678346	67602696	1.20	cps
Silver	107-1	27843	27396	27309	27516	1.04	cps
Silver	109-1	26284	25883	26605	26257	1.38	cps
Sodium	23-2	308922	309002	305485	307803	0.65	cps
Strontium	86-1	870861	854744	863227	862944	0.93	cps
Strontium	88-1	7483294	7488360	7499314	7490323	0.11	cps
Sulfur	34-1	255489	252564	251908	253320	0.75	cps
Terbium	159-1	39295978	38452983	38517090	38755350	1.21	cps
Terbium	159-2	22829902	22826147	22350807	22668952	1.22	cps
Thallium	203-1	12853	12693	12509	12685	1.36	cps
Thallium	205-1	30204	30280	30391	30292	0.31	cps
Tin	118-1	83054	83098	84201	83451	0.78	cps
Titanium	47-1	3830630	3860851	3816717	3836066	0.59	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-10	Instrumnet Name :	P7
Client Sample ID :	MYE4W7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:16:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	93337	94126	94959	94141	0.86	cps
Vanadium	51-2	2540481	2544378	2516232	2533697	0.60	cps
Yttrium	89-1	48157479	47293093	47061378	47503983	1.22	cps
Yttrium	89-2	11688648	11724007	11940954	11784536	1.16	cps
Zinc	66-2	893752	896700	899917	896790	0.34	cps
Zirconium	90-1	819836	809351	809560	812916	0.74	cps
Zirconium	91-1	181619	182061	179828	181169	0.65	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-11	Instrumnet Name :	P7
Client Sample ID :	MYE4Y0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:19:14	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23509067	23375624	23214319	23366337	0.63	cps
Antimony	121-1	107595	107978	108556	108043	0.45	cps
Arsenic	75-2	298322	294846	295090	296086	0.66	cps
Barium	135-1	4899078	4946947	4899723	4915249	0.56	cps
Barium	137-1	8507836	8557620	8552351	8539269	0.32	cps
Beryllium	9-1	3234	3312	2756	3100	9.71	cps
Bismuth	209-1	22480436	21512969	21130069	21707825	3.21	cps
Bismuth	209-2	14083792	14126020	14074843	14094885	0.19	cps
Bromine	81-1	26647	27616	28047	27437	2.61	cps
Bromine	81-2	1903	1880	1790	1858	3.22	cps
Cadmium	108-1	1974	1953	2077	2001	3.31	cps
Cadmium	106-1	15598	14504	14497	14867	4.26	cps
Cadmium	111-1	24947	24854	25357	25053	1.07	cps
Calcium	43-1	601708	602854	596311	600291	0.58	cps
Calcium	44-1	9338846	9331908	9345594	9338783	0.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1260931	1265270	1248366	1258189	0.70	cps
Cobalt	59-2	1482753	1478145	1475575	1478824	0.25	cps
Copper	63-2	5292958	5183431	5235738	5237375	1.05	cps
Dysprosium	156-1	219347	220764	220323	220144	0.33	cps
Dysprosium	156-2	161851	163354	161890	162365	0.53	cps
Erbium	164-1	172991	175582	173258	173944	0.82	cps
Erbium	164-2	103282	104259	104893	104145	0.78	cps
Gadolinium	160-1	205107	204711	203696	204505	0.36	cps
Gadolinium	160-2	131504	132012	129196	130904	1.15	cps
Holmium	165-1	40264254	38005768	37451797	38573940	3.86	cps
Holmium	165-2	22258092	22369859	22572631	22400194	0.71	cps
Indium	115-1	35163464	33003710	32881568	33682914	3.81	cps
Indium	115-2	10602494	10697684	10587905	10629361	0.56	cps
Iron	56-2	1260036701	1261730808	1244028488	1255265332	0.78	cps
Iron	57-2	31244342	31069995	30615434	30976590	1.05	cps
Iron	54-2	69017364	69363566	68594902	68991944	0.56	cps
Krypton	83-1	760	763	823	782	4.56	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-11	Instrumnet Name :	P7
Client Sample ID :	MYE4Y0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:19:14	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1914055	1937502	1903295	1918284	0.91	cps
Lead	207-1	1706585	1731608	1754521	1730905	1.39	cps
Lead	208-1	7663162	7825227	7856630	7781673	1.33	cps
Lithium	6-1	2616413	2563774	2445303	2541830	3.45	cps
Magnesium	24-2	21394101	21184449	21100488	21226346	0.71	cps
Manganese	55-2	32906082	33472675	32698395	33025718	1.21	cps
Molybdenum	94-1	291293	292915	291292	291833	0.32	cps
Molybdenum	95-1	24718	24811	24838	24789	0.25	cps
Molybdenum	96-1	86229	86558	86393	86393	0.19	cps
Molybdenum	97-1	15588	15615	15572	15592	0.14	cps
Molybdenum	98-1	38447	38250	38511	38403	0.35	cps
Neodymium	150-1	408453	417302	410869	412208	1.11	cps
Neodymium	150-2	214096	213147	211912	213052	0.51	cps
Nickel	60-2	569796	561049	568986	566611	0.85	cps
Phosphorus	31-2	63391	64127	62922	63480	0.96	cps
Potassium	39-2	9627599	9673097	9515250	9605315	0.85	cps
Rhodium	103-1	33457213	32225570	31491026	32391270	3.07	cps
Rhodium	103-2	18189270	18129073	18175953	18164765	0.17	cps
Scandium	45-1	19230445	17997956	17902436	18376946	4.03	cps
Scandium	45-2	1678099	1666850	1655741	1666896	0.67	cps
Selenium	82-1	2342	2269	2104	2238	5.44	cps
Selenium	77-2	763	920	847	843	9.30	cps
Selenium	78-2	1353	1387	1367	1369	1.23	cps
Silicon	28-1	67741816	66508906	67366301	67205674	0.94	cps
Silver	107-1	28117	28197	27960	28092	0.43	cps
Silver	109-1	26835	26818	27055	26903	0.49	cps
Sodium	23-2	294971	297725	295127	295941	0.52	cps
Strontium	86-1	937158	949703	939618	942160	0.71	cps
Strontium	88-1	8177577	8186636	8140102	8168105	0.30	cps
Sulfur	34-1	251738	249569	247619	249642	0.83	cps
Terbium	159-1	41929568	39039073	38673837	39880826	4.47	cps
Terbium	159-2	22949775	22714705	22590552	22751677	0.80	cps
Thallium	203-1	14685	14561	14484	14577	0.69	cps
Thallium	205-1	35149	35282	34734	35055	0.81	cps
Tin	118-1	70240	71513	71222	70992	0.94	cps
Titanium	47-1	3899048	3889201	3895194	3894481	0.13	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-11	Instrumnet Name :	P7
Client Sample ID :	MYE4Y0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:19:14	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	92075	96527	97950	95517	3.21	cps
Vanadium	51-2	2713946	2694137	2666386	2691489	0.89	cps
Yttrium	89-1	50971494	48186359	47435266	48864373	3.81	cps
Yttrium	89-2	11872567	11944361	11739543	11852157	0.88	cps
Zinc	66-2	753958	738859	739269	744029	1.16	cps
Zirconium	90-1	755186	763431	757705	758774	0.56	cps
Zirconium	91-1	167444	169955	170845	169415	1.04	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-12	Instrumnet Name :	P7
Client Sample ID :	MYE4Y1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:22:14	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25649053	25460690	25452724	25520822	0.44	cps
Antimony	121-1	97323	98763	98498	98194	0.78	cps
Arsenic	75-2	346420	345568	343662	345217	0.41	cps
Barium	135-1	3856389	3910393	3933737	3900173	1.02	cps
Barium	137-1	6725088	6804500	6770985	6766858	0.59	cps
Beryllium	9-1	4362	3973	4006	4114	5.24	cps
Bismuth	209-1	22568179	21960614	21135023	21887938	3.29	cps
Bismuth	209-2	14162608	14111597	14244919	14173041	0.47	cps
Bromine	81-1	26681	27562	28160	27468	2.71	cps
Bromine	81-2	1933	1727	1840	1833	5.65	cps
Cadmium	108-1	2940	2794	2934	2889	2.87	cps
Cadmium	106-1	17047	16459	15912	16473	3.44	cps
Cadmium	111-1	36991	37071	37142	37068	0.20	cps
Calcium	43-1	544313	547120	539937	543790	0.67	cps
Calcium	44-1	8585795	8593809	8544402	8574669	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1526616	1477356	1455531	1486501	2.45	cps
Cobalt	59-2	1684917	1669320	1688733	1680990	0.61	cps
Copper	63-2	7957924	7974355	7908056	7946778	0.43	cps
Dysprosium	156-1	259837	258045	257465	258449	0.48	cps
Dysprosium	156-2	191363	192160	194003	192509	0.70	cps
Erbium	164-1	212208	210865	214605	212559	0.89	cps
Erbium	164-2	127280	127290	126399	126990	0.40	cps
Gadolinium	160-1	239251	242123	240620	240665	0.60	cps
Gadolinium	160-2	152157	153912	153083	153051	0.57	cps
Holmium	165-1	41105663	38763618	38526454	39465245	3.61	cps
Holmium	165-2	22221930	22497981	22448436	22389449	0.66	cps
Indium	115-1	35223922	33749520	32704480	33892641	3.73	cps
Indium	115-2	10440567	10648541	10552316	10547141	0.99	cps
Iron	56-2	1616771336	1583481096	1571152777	1590468403	1.48	cps
Iron	57-2	39382190	39349617	39300063	39343957	0.11	cps
Iron	54-2	87135069	85606515	85898649	86213411	0.94	cps
Krypton	83-1	730	790	710	743	5.60	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-12	Instrumnet Name :	P7
Client Sample ID :	MYE4Y1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:22:14	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3012716	3150500	3093389	3085535	2.24	cps
Lead	207-1	2732980	2739464	2763090	2745178	0.58	cps
Lead	208-1	12330828	12466677	12458260	12418588	0.61	cps
Lithium	6-1	2712936	2573211	2534380	2606842	3.60	cps
Magnesium	24-2	22814261	22663507	22506568	22661445	0.68	cps
Manganese	55-2	33742880	33378578	32993575	33371677	1.12	cps
Molybdenum	94-1	326524	331507	326596	328209	0.87	cps
Molybdenum	95-1	25880	26838	26541	26419	1.86	cps
Molybdenum	96-1	95442	96764	97401	96536	1.04	cps
Molybdenum	97-1	16346	15865	16526	16246	2.10	cps
Molybdenum	98-1	41666	40804	40372	40947	1.61	cps
Neodymium	150-1	471249	476797	473839	473962	0.59	cps
Neodymium	150-2	249236	250278	247389	248967	0.59	cps
Nickel	60-2	638136	633930	631825	634630	0.51	cps
Phosphorus	31-2	74319	73904	73770	73998	0.39	cps
Potassium	39-2	12051471	12169192	12156721	12125795	0.53	cps
Rhodium	103-1	33737983	32095245	31610511	32481246	3.43	cps
Rhodium	103-2	18019346	18129810	18046804	18065320	0.32	cps
Scandium	45-1	19007132	18569265	17889557	18488651	3.05	cps
Scandium	45-2	1652263	1697530	1662747	1670847	1.42	cps
Selenium	82-1	2372	2262	2272	2302	2.63	cps
Selenium	77-2	970	1077	957	1001	6.57	cps
Selenium	78-2	1343	1400	1450	1398	3.82	cps
Silicon	28-1	71834974	71364329	70019044	71072782	1.33	cps
Silver	107-1	46605	46287	45973	46288	0.68	cps
Silver	109-1	43936	44167	43973	44026	0.28	cps
Sodium	23-2	334062	330902	332988	332651	0.48	cps
Strontium	86-1	649318	649329	648294	648980	0.09	cps
Strontium	88-1	5636937	5691690	5636148	5654925	0.56	cps
Sulfur	34-1	249597	244031	241940	245189	1.61	cps
Terbium	159-1	42160241	40559523	39280904	40666889	3.55	cps
Terbium	159-2	22740092	22663520	22925326	22776313	0.59	cps
Thallium	203-1	18559	18853	18493	18635	1.03	cps
Thallium	205-1	44145	45014	45416	44858	1.45	cps
Tin	118-1	87604	85468	86659	86577	1.24	cps
Titanium	47-1	5019651	5016280	5000312	5012081	0.21	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-12	Instrumnet Name :	P7
Client Sample ID :	MYE4Y1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:22:14	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	125841	125279	125858	125659	0.26	cps
Vanadium	51-2	3222370	3192920	3207865	3207718	0.46	cps
Yttrium	89-1	51228481	49209999	47668168	49368883	3.62	cps
Yttrium	89-2	11950328	11851749	11938933	11913670	0.45	cps
Zinc	66-2	1036285	1030575	1035035	1033965	0.29	cps
Zirconium	90-1	845932	852464	849590	849329	0.39	cps
Zirconium	91-1	188858	188177	192106	189714	1.11	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03A	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:25:13	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34992474	34880299	34593356	34822043	0.59	cps
Antimony	121-1	59830	61293	62097	61074	1.88	cps
Arsenic	75-2	1955065	1952573	1926840	1944826	0.80	cps
Barium	135-1	3957911	4090866	4116477	4055084	2.10	cps
Barium	137-1	6858356	7039824	7090493	6996224	1.74	cps
Beryllium	9-1	3295	3328	3362	3328	1.00	cps
Bismuth	209-1	19413288	19967928	20125266	19835494	1.89	cps
Bismuth	209-2	13358432	13488382	13342011	13396275	0.60	cps
Bromine	81-1	29356	30475	30662	30164	2.34	cps
Bromine	81-2	2384	2374	2250	2336	3.18	cps
Cadmium	108-1	960	1000	977	979	2.05	cps
Cadmium	106-1	12956	13693	12919	13189	3.31	cps
Cadmium	111-1	7653	8030	7695	7793	2.65	cps
Calcium	43-1	6081531	6261498	6199564	6180865	1.48	cps
Calcium	44-1	99674442	100584877	99450331	99903217	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7793738	7965728	7893999	7884489	1.10	cps
Cobalt	59-2	3431214	3396208	3391001	3406141	0.64	cps
Copper	63-2	3462236	3548798	3550663	3520566	1.44	cps
Dysprosium	156-1	227210	234335	233549	231698	1.69	cps
Dysprosium	156-2	164252	165318	164730	164767	0.32	cps
Erbium	164-1	213572	220333	221233	218379	1.92	cps
Erbium	164-2	135526	133942	133922	134463	0.68	cps
Gadolinium	160-1	227487	237499	240067	235018	2.83	cps
Gadolinium	160-2	152995	152041	151136	152057	0.61	cps
Holmium	165-1	35388302	36287126	36696311	36123913	1.85	cps
Holmium	165-2	21992753	21898926	21684657	21858779	0.72	cps
Indium	115-1	30879666	31175162	30841698	30965508	0.59	cps
Indium	115-2	10224761	10246999	10030290	10167350	1.17	cps
Iron	56-2	1858111919	1848409892	1839311173	1848610995	0.51	cps
Iron	57-2	46008118	46053889	45624001	45895336	0.51	cps
Iron	54-2	101920608	101933725	101332692	101729008	0.34	cps
Krypton	83-1	840	837	857	844	1.27	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03A	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:25:13	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	348620	358165	363669	356818	2.13	cps
Lead	207-1	292498	299091	299621	297070	1.34	cps
Lead	208-1	1351844	1394598	1413013	1386485	2.26	cps
Lithium	6-1	2459307	2413648	2391029	2421328	1.44	cps
Magnesium	24-2	46664738	46816611	46841113	46774154	0.20	cps
Manganese	55-2	52000149	51644423	51751284	51798619	0.35	cps
Molybdenum	94-1	262846	275107	276895	271616	2.82	cps
Molybdenum	95-1	33288	34103	34020	33803	1.33	cps
Molybdenum	96-1	95953	101137	97073	98054	2.78	cps
Molybdenum	97-1	20234	20478	20708	20473	1.16	cps
Molybdenum	98-1	50992	53956	53230	52726	2.93	cps
Neodymium	150-1	343984	353117	357441	351514	1.95	cps
Neodymium	150-2	187244	185773	183253	185423	1.09	cps
Nickel	60-2	2156144	2152680	2157636	2155486	0.12	cps
Phosphorus	31-2	53025	53202	52580	52936	0.61	cps
Potassium	39-2	5260307	5198194	5197870	5218790	0.69	cps
Rhodium	103-1	29213565	29632225	30098185	29647992	1.49	cps
Rhodium	103-2	17221049	17317493	17156308	17231617	0.47	cps
Scandium	45-1	17645686	17913661	17826873	17795407	0.77	cps
Scandium	45-2	1655572	1681005	1664961	1667179	0.77	cps
Selenium	82-1	1999	1982	1991	1990	0.41	cps
Selenium	77-2	777	833	840	817	4.26	cps
Selenium	78-2	1247	1403	1207	1286	8.09	cps
Silicon	28-1	82970460	86040572	88275119	85762050	3.11	cps
Silver	107-1	3737	4224	3827	3930	6.59	cps
Silver	109-1	3110	3140	3077	3109	1.02	cps
Sodium	23-2	412810	412264	421358	415478	1.23	cps
Strontium	86-1	1168881	1196492	1193721	1186365	1.28	cps
Strontium	88-1	10257074	10386493	10286010	10309859	0.66	cps
Sulfur	34-1	274022	275085	273036	274048	0.37	cps
Terbium	159-1	36395049	37081720	38048644	37175138	2.23	cps
Terbium	159-2	22115325	21926146	22151884	22064452	0.55	cps
Thallium	203-1	8156	7696	8146	7999	3.29	cps
Thallium	205-1	18673	19347	19027	19016	1.77	cps
Tin	118-1	48722	49488	50642	49617	1.95	cps
Titanium	47-1	6626260	6753064	6733738	6704354	1.02	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03A	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:25:13	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	87743	90941	94109	90931	3.50	cps
Vanadium	51-2	4045490	4121344	4049241	4072025	1.05	cps
Yttrium	89-1	45146038	46092784	45668863	45635895	1.04	cps
Yttrium	89-2	11529149	11498110	11417888	11481716	0.50	cps
Zinc	66-2	490858	493301	491504	491888	0.26	cps
Zirconium	90-1	667078	713310	673915	684768	3.64	cps
Zirconium	91-1	151170	154320	153589	153027	1.08	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03ADL2X4	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 01:28:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9210153	9023913	8996146	9076737	1.28	cps
Antimony	121-1	15425	16193	16139	15919	2.69	cps
Arsenic	75-2	164153	161293	160373	161939	1.22	cps
Barium	135-1	1023521	1046092	1049997	1039870	1.37	cps
Barium	137-1	1772498	1829267	1829466	1810410	1.81	cps
Beryllium	9-1	878	889	1056	941	10.59	cps
Bismuth	209-1	21045656	20351888	20552370	20649971	1.73	cps
Bismuth	209-2	14043688	14014509	14557890	14205362	2.15	cps
Bromine	81-1	22147	22995	23005	22715	2.17	cps
Bromine	81-2	783	650	803	746	11.18	cps
Cadmium	108-1	263	327	310	300	10.94	cps
Cadmium	106-1	11852	11681	11198	11577	2.93	cps
Cadmium	111-1	2906	2793	2867	2856	2.01	cps
Calcium	43-1	1618407	1626326	1625681	1623471	0.27	cps
Calcium	44-1	25476571	26225897	26446685	26049718	1.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5679587	5658563	5681464	5673205	0.22	cps
Cobalt	59-2	1299375	1302440	1300107	1300641	0.12	cps
Copper	63-2	925395	919144	918220	920920	0.42	cps
Dysprosium	156-1	58012	61665	59288	59655	3.11	cps
Dysprosium	156-2	42230	42808	42741	42593	0.74	cps
Erbium	164-1	54114	55523	55681	55106	1.56	cps
Erbium	164-2	34656	34583	34703	34647	0.17	cps
Gadolinium	160-1	57672	60045	60041	59253	2.31	cps
Gadolinium	160-2	40271	40355	39482	40036	1.20	cps
Holmium	165-1	37285895	36037685	36002439	36442007	2.01	cps
Holmium	165-2	22075164	22294178	22889077	22419473	1.88	cps
Indium	115-1	32546704	31874436	31476897	31966012	1.69	cps
Indium	115-2	10433437	10337097	10649033	10473189	1.53	cps
Iron	56-2	483039899	484622379	476579326	481413868	0.89	cps
Iron	57-2	11884509	11892959	11824875	11867448	0.31	cps
Iron	54-2	26727099	26945722	26278600	26650473	1.28	cps
Krypton	83-1	643	583	533	587	9.39	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03ADL2X4	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 01:28:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	92040	96291	96271	94868	2.58	cps
Lead	207-1	77597	80460	79430	79162	1.83	cps
Lead	208-1	359510	373415	372200	368375	2.09	cps
Lithium	6-1	2836548	2627755	2637257	2700520	4.37	cps
Magnesium	24-2	12099839	12039107	12071275	12070074	0.25	cps
Manganese	55-2	13483407	13403531	13348571	13411836	0.51	cps
Molybdenum	94-1	67328	69230	70856	69138	2.55	cps
Molybdenum	95-1	8856	9186	8683	8908	2.87	cps
Molybdenum	96-1	24858	25346	24991	25065	1.01	cps
Molybdenum	97-1	5364	5514	5521	5467	1.62	cps
Molybdenum	98-1	13633	13927	14040	13867	1.51	cps
Neodymium	150-1	87490	89887	90642	89340	1.84	cps
Neodymium	150-2	48389	47543	47694	47876	0.94	cps
Nickel	60-2	1409423	1415260	1412117	1412267	0.21	cps
Phosphorus	31-2	14097	14383	13783	14088	2.13	cps
Potassium	39-2	1424685	1422529	1393091	1413435	1.25	cps
Rhodium	103-1	31568614	30542615	30681254	30930828	1.80	cps
Rhodium	103-2	17874003	17692851	18003591	17856815	0.87	cps
Scandium	45-1	17619045	17117400	16994189	17243545	1.92	cps
Scandium	45-2	1570499	1565295	1602058	1579284	1.26	cps
Selenium	82-1	1594	1606	1757	1652	5.50	cps
Selenium	77-2	210	223	240	224	6.70	cps
Selenium	78-2	823	753	817	798	4.84	cps
Silicon	28-1	22796211	23456120	23804324	23352218	2.19	cps
Silver	107-1	1213	1190	1110	1171	4.63	cps
Silver	109-1	913	937	883	911	2.93	cps
Sodium	23-2	168127	166568	164144	166280	1.21	cps
Strontium	86-1	298253	309960	306284	304832	1.96	cps
Strontium	88-1	2589020	2669171	2667477	2641889	1.73	cps
Sulfur	34-1	265489	266967	265838	266098	0.29	cps
Terbium	159-1	38755374	37526959	37315833	37866056	2.05	cps
Terbium	159-2	22491202	22234840	23327193	22684412	2.52	cps
Thallium	203-1	2517	2607	2414	2512	3.85	cps
Thallium	205-1	6375	6051	5935	6120	3.73	cps
Tin	118-1	15892	16430	16446	16256	1.94	cps
Titanium	47-1	1725866	1766792	1769470	1754043	1.39	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03ADL2X4	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 01:28:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22683	23474	23054	23070	1.72	cps
Vanadium	51-2	2670913	2644041	2631851	2648935	0.75	cps
Yttrium	89-1	45358161	43259113	43644531	44087268	2.53	cps
Yttrium	89-2	11055136	11107596	11166479	11109737	0.50	cps
Zinc	66-2	129206	129509	128328	129014	0.48	cps
Zirconium	90-1	174827	173404	184658	177629	3.45	cps
Zirconium	91-1	38670	39682	42994	40449	5.59	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-13	Instrumnet Name :	P7
Client Sample ID :	MYE4Y2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:31:11	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24099925	23295672	24035579	23810392	1.88	cps
Antimony	121-1	71661	71436	70736	71278	0.68	cps
Arsenic	75-2	257704	257009	257752	257488	0.16	cps
Barium	135-1	3755678	3811359	3771745	3779594	0.76	cps
Barium	137-1	6502256	6666294	6584155	6584235	1.25	cps
Beryllium	9-1	4178	4095	4228	4167	1.62	cps
Bismuth	209-1	21906836	21406703	21530742	21614760	1.20	cps
Bismuth	209-2	14542447	14287042	14133096	14320862	1.44	cps
Bromine	81-1	27536	28417	29834	28596	4.05	cps
Bromine	81-2	2217	1953	2114	2095	6.34	cps
Cadmium	108-1	2060	1717	1993	1923	9.47	cps
Cadmium	106-1	15625	15008	14514	15049	3.70	cps
Cadmium	111-1	25217	24745	24789	24917	1.05	cps
Calcium	43-1	551986	546265	541387	546546	0.97	cps
Calcium	44-1	8575113	8431241	8461636	8489330	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1405313	1428116	1388322	1407250	1.42	cps
Cobalt	59-2	1662396	1675349	1647881	1661875	0.83	cps
Copper	63-2	5424509	5362863	5324687	5370687	0.94	cps
Dysprosium	156-1	251232	250624	249145	250334	0.43	cps
Dysprosium	156-2	187606	184545	181838	184663	1.56	cps
Erbium	164-1	195310	198021	196398	196576	0.69	cps
Erbium	164-2	118874	116339	118228	117814	1.12	cps
Gadolinium	160-1	228251	229996	230814	229687	0.57	cps
Gadolinium	160-2	144702	146743	146874	146106	0.83	cps
Holmium	165-1	38777915	38306452	38195887	38426751	0.80	cps
Holmium	165-2	22884006	22888410	22406917	22726445	1.22	cps
Indium	115-1	33943734	33712327	33157784	33604615	1.20	cps
Indium	115-2	10775512	10712242	10487684	10658479	1.42	cps
Iron	56-2	1374294166	1378804406	1386078166	1379725579	0.43	cps
Iron	57-2	34246985	34039485	33767629	34018033	0.71	cps
Iron	54-2	75028776	76959317	75747002	75911698	1.29	cps
Krypton	83-1	780	773	807	787	2.24	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-13	Instrumnet Name :	P7
Client Sample ID :	MYE4Y2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:31:11	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1995939	2004529	1977860	1992776	0.68	cps
Lead	207-1	1799567	1798888	1775964	1791473	0.75	cps
Lead	208-1	8038855	8108933	8040602	8062797	0.50	cps
Lithium	6-1	2807241	2599281	2577280	2661267	4.77	cps
Magnesium	24-2	20433468	20030637	20703045	20389050	1.66	cps
Manganese	55-2	30320869	30644785	30479179	30481611	0.53	cps
Molybdenum	94-1	334729	337495	334066	335430	0.54	cps
Molybdenum	95-1	26334	26314	25656	26101	1.48	cps
Molybdenum	96-1	96096	95902	96372	96123	0.25	cps
Molybdenum	97-1	16750	16476	16279	16502	1.43	cps
Molybdenum	98-1	40626	41161	40954	40914	0.66	cps
Neodymium	150-1	453754	459612	456197	456521	0.64	cps
Neodymium	150-2	236598	235860	237389	236616	0.32	cps
Nickel	60-2	607768	611540	615530	611613	0.63	cps
Phosphorus	31-2	69015	69195	69105	69105	0.13	cps
Potassium	39-2	12217862	12259811	12150066	12209246	0.45	cps
Rhodium	103-1	32859344	31892631	31675005	32142326	1.96	cps
Rhodium	103-2	18391054	18303663	18069279	18254666	0.91	cps
Scandium	45-1	18715515	18047930	18144066	18302503	1.97	cps
Scandium	45-2	1690444	1683626	1658710	1677593	1.00	cps
Selenium	82-1	2352	2305	2101	2253	5.93	cps
Selenium	77-2	977	880	963	940	5.57	cps
Selenium	78-2	1380	1463	1337	1393	4.62	cps
Silicon	28-1	73426222	72782972	72441517	72883571	0.69	cps
Silver	107-1	25856	26080	26381	26106	1.01	cps
Silver	109-1	24107	25135	25185	24809	2.45	cps
Sodium	23-2	305090	306176	309497	306921	0.75	cps
Strontium	86-1	611478	616056	616104	614546	0.43	cps
Strontium	88-1	5401718	5358153	5415255	5391709	0.55	cps
Sulfur	34-1	258790	244645	241380	248272	3.73	cps
Terbium	159-1	40621148	39613466	39458291	39897635	1.58	cps
Terbium	159-2	23182610	23161880	22800010	23048166	0.93	cps
Thallium	203-1	27625	26650	27204	27159	1.80	cps
Thallium	205-1	63434	64388	64154	63992	0.78	cps
Tin	118-1	75918	75832	76254	76001	0.29	cps
Titanium	47-1	4423802	4455113	4424978	4434631	0.40	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-13	Instrumnet Name :	P7
Client Sample ID :	MYE4Y2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:31:11	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	116678	118800	120133	118537	1.47	cps
Vanadium	51-2	2710913	2652114	2630811	2664613	1.56	cps
Yttrium	89-1	49862683	48544113	47985966	48797587	1.97	cps
Yttrium	89-2	11831323	11770435	11739086	11780281	0.40	cps
Zinc	66-2	742821	737062	732805	737563	0.68	cps
Zirconium	90-1	879968	873932	862108	872003	1.04	cps
Zirconium	91-1	197783	193278	195255	195439	1.16	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Y3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:34:10	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28962911	28659147	28481351	28701137	0.85	cps
Antimony	121-1	75088	75212	75530	75277	0.30	cps
Arsenic	75-2	314992	309276	305810	310026	1.50	cps
Barium	135-1	4165413	4133151	4217611	4172059	1.02	cps
Barium	137-1	7218233	7216851	7256999	7230695	0.32	cps
Beryllium	9-1	4784	4684	4701	4723	1.13	cps
Bismuth	209-1	21483623	21340729	21153296	21325883	0.78	cps
Bismuth	209-2	14308271	14136114	13860792	14101725	1.60	cps
Bromine	81-1	37427	38096	38366	37963	1.27	cps
Bromine	81-2	3590	3894	3804	3763	4.14	cps
Cadmium	108-1	1873	1867	1913	1885	1.34	cps
Cadmium	106-1	14821	14778	13980	14526	3.26	cps
Cadmium	111-1	22642	22806	22982	22810	0.75	cps
Calcium	43-1	850362	832105	829479	837315	1.36	cps
Calcium	44-1	13256368	13098198	12848728	13067764	1.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1561639	1547935	1565771	1558449	0.60	cps
Cobalt	59-2	1802911	1775314	1755496	1777907	1.34	cps
Copper	63-2	4923325	4948764	5001698	4957929	0.81	cps
Dysprosium	156-1	269258	270323	267446	269009	0.54	cps
Dysprosium	156-2	196907	194789	196532	196076	0.58	cps
Erbium	164-1	217729	220565	216541	218278	0.95	cps
Erbium	164-2	129194	128864	129413	129157	0.21	cps
Gadolinium	160-1	252937	253189	249156	251761	0.90	cps
Gadolinium	160-2	158604	158084	160552	159080	0.82	cps
Holmium	165-1	38004436	38659780	38092870	38252362	0.93	cps
Holmium	165-2	22801597	22586395	22236246	22541412	1.27	cps
Indium	115-1	32985203	33211484	32645663	32947450	0.86	cps
Indium	115-2	10508578	10406265	10352441	10422428	0.76	cps
Iron	56-2	1510627337	1514456191	1516096404	1513726644	0.19	cps
Iron	57-2	37494451	37651566	37662129	37602715	0.25	cps
Iron	54-2	83910957	82544044	82647180	83034060	0.92	cps
Krypton	83-1	787	787	857	810	4.99	cps

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LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Y3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:34:10	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2158672	2181748	2208420	2182947	1.14	cps
Lead	207-1	1848366	1899445	1872012	1873274	1.36	cps
Lead	208-1	8589186	8790701	8627800	8669229	1.23	cps
Lithium	6-1	2639313	2609995	2555863	2601724	1.63	cps
Magnesium	24-2	24762243	24305746	24261540	24443177	1.13	cps
Manganese	55-2	28154738	27876676	27857065	27962826	0.60	cps
Molybdenum	94-1	257661	255787	253796	255748	0.76	cps
Molybdenum	95-1	26561	26865	26531	26652	0.69	cps
Molybdenum	96-1	84375	84522	85028	84642	0.40	cps
Molybdenum	97-1	16429	16806	16583	16606	1.14	cps
Molybdenum	98-1	41683	41910	41780	41791	0.27	cps
Neodymium	150-1	498456	501326	500065	499949	0.29	cps
Neodymium	150-2	259220	257236	255145	257200	0.79	cps
Nickel	60-2	685926	686562	688612	687033	0.20	cps
Phosphorus	31-2	82749	81485	82481	82238	0.81	cps
Potassium	39-2	14272740	14158271	14071189	14167400	0.71	cps
Rhodium	103-1	31339512	31222397	30975469	31179126	0.60	cps
Rhodium	103-2	18127371	17794033	17938640	17953348	0.93	cps
Scandium	45-1	18252856	17918356	17723603	17964939	1.49	cps
Scandium	45-2	1625800	1651159	1607005	1627988	1.36	cps
Selenium	82-1	2354	2226	2191	2257	3.82	cps
Selenium	77-2	973	1057	1043	1024	4.37	cps
Selenium	78-2	1390	1473	1383	1416	3.54	cps
Silicon	28-1	68071049	66929356	67289572	67429992	0.87	cps
Silver	107-1	26888	27212	26905	27002	0.68	cps
Silver	109-1	26230	25549	25897	25892	1.32	cps
Sodium	23-2	417021	407906	411465	412130	1.11	cps
Strontium	86-1	948468	955666	947514	950549	0.47	cps
Strontium	88-1	8398873	8319209	8211060	8309714	1.13	cps
Sulfur	34-1	272506	267699	265645	268617	1.31	cps
Terbium	159-1	38931366	39347125	39244944	39174478	0.55	cps
Terbium	159-2	22981715	22620596	22416771	22673027	1.26	cps
Thallium	203-1	19020	19668	18706	19131	2.56	cps
Thallium	205-1	45633	46325	46128	46029	0.77	cps
Tin	118-1	77708	77842	76270	77273	1.13	cps
Titanium	47-1	4203164	4121103	4079392	4134553	1.52	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Y3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:34:10	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	126662	127591	125501	126585	0.83	cps
Vanadium	51-2	3122927	3095337	3094034	3104099	0.53	cps
Yttrium	89-1	47651168	48156596	47336394	47714719	0.87	cps
Yttrium	89-2	11731212	11741890	11759496	11744200	0.12	cps
Zinc	66-2	1191409	1187970	1187745	1189041	0.17	cps
Zirconium	90-1	656538	658222	656872	657210	0.14	cps
Zirconium	91-1	146543	146381	143698	145541	1.10	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Y4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:37:08	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37367707	37065050	37092571	37175109	0.45	cps
Antimony	121-1	72522	72110	70924	71852	1.15	cps
Arsenic	75-2	664641	663828	663380	663950	0.10	cps
Barium	135-1	2416052	2381726	2363496	2387091	1.12	cps
Barium	137-1	4123570	4107467	4135067	4122035	0.34	cps
Beryllium	9-1	2539	2550	2434	2508	2.57	cps
Bismuth	209-1	21068758	20871356	20822926	20921013	0.62	cps
Bismuth	209-2	13950512	13958421	13887744	13932226	0.28	cps
Bromine	81-1	24010	25465	24447	24641	3.03	cps
Bromine	81-2	1260	1260	1367	1296	4.75	cps
Cadmium	108-1	2434	2314	2324	2357	2.83	cps
Cadmium	106-1	15372	15155	14984	15170	1.28	cps
Cadmium	111-1	25111	25113	25293	25172	0.41	cps
Calcium	43-1	3369408	3348228	3318470	3345369	0.76	cps
Calcium	44-1	53857574	53702640	53466143	53675452	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1307818	1298713	1325338	1310623	1.03	cps
Cobalt	59-2	2296005	2293260	2292671	2293979	0.08	cps
Copper	63-2	3724101	3654719	3711469	3696763	1.00	cps
Dysprosium	156-1	192189	191992	190623	191601	0.45	cps
Dysprosium	156-2	134470	135691	135799	135320	0.55	cps
Erbium	164-1	196904	196467	197360	196911	0.23	cps
Erbium	164-2	119755	118652	118182	118863	0.68	cps
Gadolinium	160-1	194732	195413	194515	194887	0.24	cps
Gadolinium	160-2	124992	123290	123401	123894	0.77	cps
Holmium	165-1	37798458	37923779	38319469	38013902	0.72	cps
Holmium	165-2	22331407	22167219	22299192	22265939	0.39	cps
Indium	115-1	32135596	32372379	32488071	32332015	0.56	cps
Indium	115-2	10431348	10425119	10332230	10396232	0.53	cps
Iron	56-2	1537796777	1522533204	1512176404	1524168795	0.85	cps
Iron	57-2	38141668	38132883	37754394	38009648	0.58	cps
Iron	54-2	84091645	83913565	83850562	83951924	0.15	cps
Krypton	83-1	850	797	890	846	5.54	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Y4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:37:08	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3973025	3931059	3917293	3940459	0.74	cps
Lead	207-1	3802144	3827372	3712295	3780603	1.60	cps
Lead	208-1	16697759	16733954	16496341	16642685	0.77	cps
Lithium	6-1	2593816	2448961	2437219	2493332	3.50	cps
Magnesium	24-2	36005800	35614772	35338130	35652901	0.94	cps
Manganese	55-2	30910246	30745015	30600192	30751818	0.50	cps
Molybdenum	94-1	208253	208391	206792	207812	0.43	cps
Molybdenum	95-1	14417	14447	14067	14310	1.48	cps
Molybdenum	96-1	64405	65978	64086	64823	1.56	cps
Molybdenum	97-1	8929	8739	8913	8861	1.19	cps
Molybdenum	98-1	21279	21993	21279	21517	1.92	cps
Neodymium	150-1	298456	299248	299200	298968	0.15	cps
Neodymium	150-2	154925	154015	153324	154088	0.52	cps
Nickel	60-2	489406	491091	490111	490203	0.17	cps
Phosphorus	31-2	71047	69490	70133	70223	1.11	cps
Potassium	39-2	6006152	5903156	6022213	5977173	1.08	cps
Rhodium	103-1	30988012	30721944	30362480	30690812	1.02	cps
Rhodium	103-2	17786752	17779313	17517559	17694542	0.87	cps
Scandium	45-1	18027707	17867794	17671990	17855830	1.00	cps
Scandium	45-2	1641195	1660211	1617477	1639627	1.31	cps
Selenium	82-1	2808	2875	2796	2826	1.52	cps
Selenium	77-2	747	720	633	700	8.46	cps
Selenium	78-2	1397	1490	1353	1413	4.94	cps
Silicon	28-1	60603471	60356697	58499052	59819740	1.92	cps
Silver	107-1	45648	45488	45387	45508	0.29	cps
Silver	109-1	43218	43000	42826	43015	0.46	cps
Sodium	23-2	420001	418568	417715	418761	0.28	cps
Strontium	86-1	738724	739644	734611	737660	0.36	cps
Strontium	88-1	6521365	6524251	6460908	6502174	0.55	cps
Sulfur	34-1	863338	864331	860947	862872	0.20	cps
Terbium	159-1	38757194	38699508	38637826	38698176	0.15	cps
Terbium	159-2	22805680	22528681	22432356	22588906	0.86	cps
Thallium	203-1	9550	9977	9854	9794	2.24	cps
Thallium	205-1	22365	22205	22612	22394	0.92	cps
Tin	118-1	57702	57920	56925	57516	0.91	cps
Titanium	47-1	5065287	5014154	5000284	5026575	0.68	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Y4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:37:08	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50987	50013	50870	50623	1.05	cps
Vanadium	51-2	2754898	2742766	2804715	2767460	1.19	cps
Yttrium	89-1	47921491	47636018	46941621	47499710	1.06	cps
Yttrium	89-2	11595450	11499186	11483406	11526014	0.53	cps
Zinc	66-2	2215286	2146629	2171616	2177844	1.60	cps
Zirconium	90-1	543955	546750	542867	544524	0.37	cps
Zirconium	91-1	121831	121602	121579	121670	0.11	cps

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LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-16	Instrumnet Name :	P7
Client Sample ID :	MYE4Y5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:40:02	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32998458	32905150	32917785	32940464	0.15	cps
Antimony	121-1	41964	42549	42473	42329	0.75	cps
Arsenic	75-2	186844	184768	185058	185556	0.61	cps
Barium	135-1	3510055	3550553	3557554	3539387	0.72	cps
Barium	137-1	6102065	5942449	6074041	6039518	1.41	cps
Beryllium	9-1	3578	3212	3239	3343	6.11	cps
Bismuth	209-1	21223141	20711124	21078268	21004178	1.26	cps
Bismuth	209-2	13974633	13830594	13787201	13864142	0.71	cps
Bromine	81-1	34888	35813	35449	35383	1.32	cps
Bromine	81-2	3687	3644	3507	3613	2.60	cps
Cadmium	108-1	1413	1457	1413	1428	1.75	cps
Cadmium	106-1	13977	13233	13076	13429	3.58	cps
Cadmium	111-1	14292	13872	13954	14039	1.58	cps
Calcium	43-1	1347696	1349198	1345296	1347397	0.15	cps
Calcium	44-1	21864306	21675108	21556875	21698763	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1760934	1785387	1735895	1760739	1.41	cps
Cobalt	59-2	1542259	1547782	1540192	1543411	0.25	cps
Copper	63-2	3729276	3690264	3660608	3693383	0.93	cps
Dysprosium	156-1	221649	223768	222570	222662	0.48	cps
Dysprosium	156-2	163821	163793	162831	163482	0.34	cps
Erbium	164-1	185390	184172	183756	184439	0.46	cps
Erbium	164-2	111907	110543	111648	111366	0.65	cps
Gadolinium	160-1	212533	215365	211848	213248	0.87	cps
Gadolinium	160-2	135414	134805	135154	135124	0.23	cps
Holmium	165-1	37892305	37782655	37395770	37690244	0.69	cps
Holmium	165-2	22398033	22106846	22130161	22211680	0.73	cps
Indium	115-1	32498766	32152297	32334318	32328460	0.54	cps
Indium	115-2	10320416	10293295	10212907	10275539	0.54	cps
Iron	56-2	1278066088	1270534541	1281751714	1276784114	0.45	cps
Iron	57-2	31554796	31534646	31494624	31528022	0.10	cps
Iron	54-2	69579406	69988809	69396776	69654997	0.44	cps
Krypton	83-1	790	750	850	797	6.32	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-16	Instrumnet Name :	P7
Client Sample ID :	MYE4Y5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:40:02	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1113164	1107424	1105883	1108824	0.35	cps
Lead	207-1	960681	958116	952723	957173	0.42	cps
Lead	208-1	4415351	4353437	4396054	4388281	0.72	cps
Lithium	6-1	2668479	2582539	2587723	2612914	1.84	cps
Magnesium	24-2	32358086	32258358	31975841	32197428	0.62	cps
Manganese	55-2	24550436	24891597	24613705	24685246	0.74	cps
Molybdenum	94-1	271642	270700	270519	270954	0.22	cps
Molybdenum	95-1	21215	21836	21362	21471	1.51	cps
Molybdenum	96-1	78472	80534	79437	79481	1.30	cps
Molybdenum	97-1	13480	13109	13066	13218	1.72	cps
Molybdenum	98-1	33879	34190	33258	33776	1.41	cps
Neodymium	150-1	409116	411912	406901	409310	0.61	cps
Neodymium	150-2	212556	213951	211014	212507	0.69	cps
Nickel	60-2	625041	624902	624582	624842	0.04	cps
Phosphorus	31-2	53587	54353	53373	53771	0.96	cps
Potassium	39-2	10945378	11222094	10984844	11050772	1.35	cps
Rhodium	103-1	30762422	30778261	30322830	30621171	0.84	cps
Rhodium	103-2	17845493	17636778	17653761	17712010	0.65	cps
Scandium	45-1	17923667	17629822	17786386	17779958	0.83	cps
Scandium	45-2	1611462	1667670	1607301	1628811	2.07	cps
Selenium	82-1	1998	2002	1902	1967	2.88	cps
Selenium	77-2	733	800	743	759	4.74	cps
Selenium	78-2	1160	1357	1330	1282	8.32	cps
Silicon	28-1	70351514	66540106	68131559	68341060	2.80	cps
Silver	107-1	17798	17844	18035	17892	0.70	cps
Silver	109-1	16997	17130	16960	17029	0.53	cps
Sodium	23-2	321081	318967	320890	320313	0.37	cps
Strontium	86-1	812610	816283	814638	814510	0.23	cps
Strontium	88-1	7214357	7125684	7219541	7186527	0.73	cps
Sulfur	34-1	257345	250650	249096	252364	1.74	cps
Terbium	159-1	38734228	38914393	39278029	38975550	0.71	cps
Terbium	159-2	22265766	22438665	22145913	22283448	0.66	cps
Thallium	203-1	12119	12149	12089	12119	0.25	cps
Thallium	205-1	29238	28767	28587	28864	1.16	cps
Tin	118-1	71761	71828	72766	72118	0.78	cps
Titanium	47-1	4052076	3968967	3995603	4005549	1.06	cps

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LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-16	Instrumnet Name :	P7
Client Sample ID :	MYE4Y5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:40:02	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100485	99914	99837	100079	0.35	cps
Vanadium	51-2	2621638	2682913	2654371	2652974	1.16	cps
Yttrium	89-1	46733251	45955158	46959116	46549175	1.13	cps
Yttrium	89-2	11419111	11507076	11449057	11458415	0.39	cps
Zinc	66-2	594682	585225	582767	587558	1.07	cps
Zirconium	90-1	695559	699838	703826	699741	0.59	cps
Zirconium	91-1	155965	157747	154904	156205	0.92	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-17	Instrumnet Name :	P7
Client Sample ID :	MYE4Y6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:43:03	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23241485	23040280	22582606	22954790	1.47	cps
Antimony	121-1	104577	105496	104523	104865	0.52	cps
Arsenic	75-2	355310	352603	350265	352726	0.72	cps
Barium	135-1	3496254	3548360	3511031	3518548	0.76	cps
Barium	137-1	6129887	6093645	6000838	6074790	1.10	cps
Beryllium	9-1	3700	3801	4151	3884	6.09	cps
Bismuth	209-1	21086989	21053066	21216648	21118901	0.41	cps
Bismuth	209-2	13629404	14354660	14005206	13996424	2.59	cps
Bromine	81-1	27436	26698	27189	27107	1.39	cps
Bromine	81-2	1997	2030	1990	2006	1.07	cps
Cadmium	108-1	2044	2240	2320	2201	6.47	cps
Cadmium	106-1	14801	14634	14424	14620	1.29	cps
Cadmium	111-1	28961	28682	28690	28778	0.55	cps
Calcium	43-1	530767	534574	530364	531901	0.44	cps
Calcium	44-1	8354412	8305659	8353877	8337983	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1453113	1429710	1402266	1428363	1.78	cps
Cobalt	59-2	1757067	1777994	1733601	1756221	1.26	cps
Copper	63-2	6006088	5918480	6015235	5979934	0.89	cps
Dysprosium	156-1	230557	233009	231471	231679	0.53	cps
Dysprosium	156-2	171800	171581	170383	171254	0.45	cps
Erbium	164-1	183524	188035	188140	186566	1.41	cps
Erbium	164-2	112881	111151	111866	111966	0.78	cps
Gadolinium	160-1	213596	216121	213556	214424	0.69	cps
Gadolinium	160-2	139712	137339	137221	138091	1.02	cps
Holmium	165-1	37433649	37680684	37335439	37483257	0.47	cps
Holmium	165-2	21361445	22127015	22515347	22001269	2.67	cps
Indium	115-1	32387188	32471807	32055571	32304855	0.68	cps
Indium	115-2	9907280	10238608	10330592	10158827	2.19	cps
Iron	56-2	1471024511	1451517898	1441656032	1454732814	1.03	cps
Iron	57-2	36191104	35868877	35788467	35949483	0.59	cps
Iron	54-2	80397704	78793352	78665007	79285354	1.22	cps
Krypton	83-1	700	757	730	729	3.89	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-17	Instrumnet Name :	P7
Client Sample ID :	MYE4Y6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:43:03	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2654977	2715401	2689208	2686529	1.13	cps
Lead	207-1	2348674	2369617	2335407	2351233	0.73	cps
Lead	208-1	10667620	10865756	10702955	10745444	0.98	cps
Lithium	6-1	2461233	2583535	2488808	2511192	2.55	cps
Magnesium	24-2	20366216	20169226	20171946	20235796	0.56	cps
Manganese	55-2	25118196	24800160	24991564	24969974	0.64	cps
Molybdenum	94-1	298890	298983	300990	299621	0.40	cps
Molybdenum	95-1	30161	30271	29837	30090	0.75	cps
Molybdenum	96-1	93634	94775	94905	94438	0.74	cps
Molybdenum	97-1	18555	19383	18058	18665	3.59	cps
Molybdenum	98-1	46617	46878	46798	46765	0.29	cps
Neodymium	150-1	417710	426312	425060	423028	1.10	cps
Neodymium	150-2	221677	218557	221766	220667	0.83	cps
Nickel	60-2	607415	602425	598771	602870	0.72	cps
Phosphorus	31-2	67548	67973	67796	67772	0.31	cps
Potassium	39-2	10858094	10716969	10651684	10742249	0.98	cps
Rhodium	103-1	29975158	30879795	30783087	30546013	1.63	cps
Rhodium	103-2	16971349	17587651	17713063	17424021	2.28	cps
Scandium	45-1	17347552	17411526	17136277	17298452	0.83	cps
Scandium	45-2	1515372	1547646	1585390	1549469	2.26	cps
Selenium	82-1	2309	2213	2169	2230	3.21	cps
Selenium	77-2	710	853	933	832	13.60	cps
Selenium	78-2	1393	1460	1400	1418	2.59	cps
Silicon	28-1	56201191	55899053	55891201	55997148	0.32	cps
Silver	107-1	33382	34280	34845	34169	2.16	cps
Silver	109-1	33051	33064	32179	32765	1.55	cps
Sodium	23-2	312578	307900	305346	308608	1.19	cps
Strontium	86-1	615738	620940	615037	617238	0.52	cps
Strontium	88-1	5337084	5463097	5441860	5414014	1.25	cps
Sulfur	34-1	253523	249112	247727	250121	1.21	cps
Terbium	159-1	38123109	38775123	38561984	38486739	0.86	cps
Terbium	159-2	22122161	22540436	22562293	22408297	1.11	cps
Thallium	203-1	14524	15048	15255	14943	2.52	cps
Thallium	205-1	35533	36532	35747	35937	1.46	cps
Tin	118-1	76163	78234	76666	77021	1.40	cps
Titanium	47-1	4249182	4231642	4214257	4231693	0.41	cps

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LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-17	Instrumnet Name :	P7
Client Sample ID :	MYE4Y6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:43:03	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	109348	109727	109925	109667	0.27	cps
Vanadium	51-2	2985433	2920524	2881418	2929125	1.79	cps
Yttrium	89-1	45792024	46433738	46358776	46194846	0.76	cps
Yttrium	89-2	10997753	11282695	11473690	11251379	2.13	cps
Zinc	66-2	827302	824558	815896	822585	0.72	cps
Zirconium	90-1	760612	769419	763605	764545	0.59	cps
Zirconium	91-1	170570	171182	169264	170339	0.58	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-01	Instrumnet Name :	P7
Client Sample ID :	MYE4Y7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:46:00	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31282630	31440121	31230950	31317900	0.35	cps
Antimony	121-1	69550	70884	69610	70015	1.08	cps
Arsenic	75-2	235983	233613	233912	234502	0.55	cps
Barium	135-1	4206943	4170075	4163442	4180153	0.56	cps
Barium	137-1	7223706	7336485	7183244	7247811	1.10	cps
Beryllium	9-1	3962	4173	4245	4127	3.57	cps
Bismuth	209-1	22166112	21650848	21882361	21899774	1.18	cps
Bismuth	209-2	14471707	14333349	14202192	14335750	0.94	cps
Bromine	81-1	31741	31768	33107	32205	2.43	cps
Bromine	81-2	2870	2847	2944	2887	1.75	cps
Cadmium	108-1	2560	2460	2344	2455	4.42	cps
Cadmium	106-1	15645	15221	14841	15236	2.64	cps
Cadmium	111-1	28969	29599	29797	29455	1.47	cps
Calcium	43-1	1005806	1004478	991262	1000515	0.80	cps
Calcium	44-1	15750790	15651900	15462165	15621618	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1255689	1248570	1244244	1249501	0.46	cps
Cobalt	59-2	1358583	1354319	1354933	1355945	0.17	cps
Copper	63-2	6803776	6768335	6866851	6812987	0.73	cps
Dysprosium	156-1	251503	252984	252412	252300	0.30	cps
Dysprosium	156-2	188015	185228	186653	186632	0.75	cps
Erbium	164-1	193069	194880	192734	193561	0.60	cps
Erbium	164-2	117223	114028	115197	115483	1.40	cps
Gadolinium	160-1	235257	239126	238836	237740	0.91	cps
Gadolinium	160-2	152210	150037	150872	151040	0.73	cps
Holmium	165-1	39686152	37933616	38161607	38593792	2.47	cps
Holmium	165-2	22644595	22118207	22446453	22403085	1.19	cps
Indium	115-1	33914250	32836072	32683624	33144649	2.02	cps
Indium	115-2	10159505	10264471	10363153	10262376	0.99	cps
Iron	56-2	1180033396	1163110889	1161458756	1168201014	0.88	cps
Iron	57-2	29014011	28660212	28263355	28645859	1.31	cps
Iron	54-2	64563911	63690262	62914166	63722780	1.30	cps
Krypton	83-1	757	720	790	756	4.63	cps

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LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-01	Instrumnet Name :	P7
Client Sample ID :	MYE4Y7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:46:00	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2409680	2414493	2447291	2423821	0.84	cps
Lead	207-1	2108021	2118297	2107025	2111115	0.30	cps
Lead	208-1	9717725	9717001	9843683	9759470	0.75	cps
Lithium	6-1	2659615	2545841	2566414	2590624	2.34	cps
Magnesium	24-2	21912214	22016095	21751762	21893357	0.61	cps
Manganese	55-2	21827461	21559832	21497461	21628251	0.81	cps
Molybdenum	94-1	346803	349117	348607	348176	0.35	cps
Molybdenum	95-1	21369	22531	20982	21627	3.73	cps
Molybdenum	96-1	92926	92695	90575	92065	1.41	cps
Molybdenum	97-1	14044	13493	13233	13590	3.05	cps
Molybdenum	98-1	34133	34698	33833	34221	1.28	cps
Neodymium	150-1	491320	496071	500834	496075	0.96	cps
Neodymium	150-2	260348	258343	252658	257117	1.55	cps
Nickel	60-2	541264	542960	540831	541685	0.21	cps
Phosphorus	31-2	95277	94006	93815	94366	0.84	cps
Potassium	39-2	13384354	13537544	13363069	13428322	0.71	cps
Rhodium	103-1	31673900	31224643	30501545	31133362	1.90	cps
Rhodium	103-2	17677254	17566861	17618794	17620970	0.31	cps
Scandium	45-1	18395617	17717283	17367270	17826723	2.93	cps
Scandium	45-2	1592407	1608707	1601226	1600780	0.51	cps
Selenium	82-1	2459	2433	2459	2450	0.59	cps
Selenium	77-2	857	887	943	896	4.91	cps
Selenium	78-2	1523	1507	1393	1475	4.80	cps
Silicon	28-1	69099297	69137347	68180779	68805808	0.79	cps
Silver	107-1	47002	46698	46631	46777	0.42	cps
Silver	109-1	44832	45160	45143	45045	0.41	cps
Sodium	23-2	360274	363043	359550	360955	0.51	cps
Strontium	86-1	949149	948615	944630	947464	0.26	cps
Strontium	88-1	8282958	8302384	8242597	8275980	0.37	cps
Sulfur	34-1	253069	251372	246619	250353	1.34	cps
Terbium	159-1	40590015	39168540	39302288	39686948	1.98	cps
Terbium	159-2	22873446	22437350	22758737	22689844	1.00	cps
Thallium	203-1	12276	12382	12806	12488	2.25	cps
Thallium	205-1	29001	30137	29766	29635	1.95	cps
Tin	118-1	90123	93346	92786	92085	1.87	cps
Titanium	47-1	3611409	3621978	3568763	3600717	0.78	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-01	Instrumnet Name :	P7
Client Sample ID :	MYE4Y7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:46:00	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	90877	92330	92589	91932	1.00	cps
Vanadium	51-2	2103339	2125961	2094547	2107949	0.77	cps
Yttrium	89-1	48434659	47075399	46806628	47438895	1.84	cps
Yttrium	89-2	11348197	11431190	11384893	11388093	0.37	cps
Zinc	66-2	888035	875861	880889	881595	0.69	cps
Zirconium	90-1	903339	916419	909399	909719	0.72	cps
Zirconium	91-1	202403	203272	202001	202559	0.32	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:49:00	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28782079	28698910	28910415	28797135	0.37	cps
Antimony	121-1	14133394	14156181	14203999	14164525	0.25	cps
Arsenic	75-2	790605	795537	788597	791580	0.45	cps
Barium	135-1	16968043	17066359	17069804	17034735	0.34	cps
Barium	137-1	29243700	29538794	29170534	29317676	0.66	cps
Beryllium	9-1	1078317	1087815	1121082	1095738	2.05	cps
Bismuth	209-1	19485963	19376471	19254242	19372225	0.60	cps
Bismuth	209-2	13186483	13236703	13214516	13212567	0.19	cps
Bromine	81-1	20625	20060	20618	20434	1.58	cps
Bromine	81-2	200	217	183	200	8.33	cps
Cadmium	108-1	277492	274744	273627	275287	0.72	cps
Cadmium	106-1	397367	398228	401781	399125	0.59	cps
Cadmium	111-1	3628792	3645239	3599965	3624665	0.63	cps
Calcium	43-1	17125821	17289118	17295143	17236694	0.56	cps
Calcium	44-1	297800287	298342787	301050849	299064641	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5817839	5819398	5852743	5829994	0.34	cps
Cobalt	59-2	11044399	11173211	11116557	11111389	0.58	cps
Copper	63-2	72445787	72290899	70858999	71865228	1.22	cps
Dysprosium	156-1	653	680	643	659	2.88	cps
Dysprosium	156-2	1117	1033	967	1039	7.23	cps
Erbium	164-1	797	797	710	768	6.52	cps
Erbium	164-2	483	400	477	453	10.22	cps
Gadolinium	160-1	630	680	650	653	3.85	cps
Gadolinium	160-2	1667	1407	1540	1538	8.46	cps
Holmium	165-1	37079116	36665967	35876166	36540416	1.67	cps
Holmium	165-2	22272770	22326528	22047065	22215454	0.67	cps
Indium	115-1	30698376	30760204	30372080	30610220	0.68	cps
Indium	115-2	10043535	9960977	10084606	10029706	0.63	cps
Iron	56-2	1282797234	1282972701	1281605634	1282458523	0.06	cps
Iron	57-2	31935877	32247770	32093420	32092356	0.49	cps
Iron	54-2	70050099	69804864	70250556	70035173	0.32	cps
Krypton	83-1	587	550	470	536	11.14	cps

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Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:49:00	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	45265691	45207953	44222282	44898642	1.31	cps
Lead	207-1	39130174	39461049	38856534	39149252	0.77	cps
Lead	208-1	180754461	181606507	180042964	180801311	0.43	cps
Lithium	6-1	2737438	2689095	2674225	2700253	1.22	cps
Magnesium	24-2	250052396	252926390	248508616	250495801	0.90	cps
Manganese	55-2	42995741	43046408	43185938	43076029	0.23	cps
Molybdenum	94-1	51420566	51522409	51902908	51615294	0.49	cps
Molybdenum	95-1	74581562	74624586	74999886	74735344	0.31	cps
Molybdenum	96-1	82126844	81420312	81757017	81768058	0.43	cps
Molybdenum	97-1	46209331	46432504	46130538	46257458	0.34	cps
Molybdenum	98-1	120160208	121209368	119215715	120195097	0.83	cps
Neodymium	150-1	980	957	943	960	1.93	cps
Neodymium	150-2	260	323	253	279	13.85	cps
Nickel	60-2	2542888	2574802	2539561	2552417	0.76	cps
Phosphorus	31-2	299485	299263	295720	298156	0.71	cps
Potassium	39-2	150983081	150467768	150824171	150758340	0.18	cps
Rhodium	103-1	28433269	28589527	28425161	28482652	0.33	cps
Rhodium	103-2	16562743	16505318	16392872	16486978	0.52	cps
Scandium	45-1	16927987	16998856	16714484	16880442	0.88	cps
Scandium	45-2	1519165	1506039	1488924	1504709	1.01	cps
Selenium	82-1	229523	230545	231039	230369	0.34	cps
Selenium	77-2	22564	22771	22707	22681	0.47	cps
Selenium	78-2	76945	75009	75829	75928	1.28	cps
Silicon	28-1	8288491	8293944	8308369	8296935	0.12	cps
Silver	107-1	18377740	18513605	18415603	18435649	0.38	cps
Silver	109-1	17779626	17680537	17861548	17773904	0.51	cps
Sodium	23-2	398197461	396910394	400079861	398395905	0.40	cps
Strontium	86-1	4770676	4784884	4785572	4780377	0.18	cps
Strontium	88-1	41649054	41859714	42208530	41905766	0.67	cps
Sulfur	34-1	1292720	1310850	1319629	1307733	1.05	cps
Terbium	159-1	37426615	37682999	37119049	37409554	0.75	cps
Terbium	159-2	22474397	22056703	22490846	22340649	1.10	cps
Thallium	203-1	11331960	11240255	11031797	11201337	1.37	cps
Thallium	205-1	27176099	27166271	26763349	27035240	0.87	cps
Tin	118-1	11635984	11780475	11593164	11669874	0.84	cps
Titanium	47-1	16906533	17132512	17008741	17015928	0.67	cps

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LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:49:00	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36440574	36556739	35919799	36305704	0.93	cps
Vanadium	51-2	5140229	5115555	5087409	5114398	0.52	cps
Yttrium	89-1	42996281	42576404	43138576	42903754	0.68	cps
Yttrium	89-2	10787066	10890877	10753256	10810399	0.66	cps
Zinc	66-2	10898287	10926622	10670368	10831759	1.30	cps
Zirconium	90-1	25068221	24995805	25093306	25052444	0.20	cps
Zirconium	91-1	5594588	5521899	5591117	5569201	0.74	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:53:56	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	570	490	503	521	8.23	cps
Antimony	121-1	2277	2460	3514	2750	24.27	cps
Arsenic	75-2	13	17	27	19	36.75	cps
Barium	135-1	203	147	117	156	28.29	cps
Barium	137-1	400	277	223	300	30.21	cps
Beryllium	9-1	50	78	67	65	21.57	cps
Bismuth	209-1	19658931	19675415	20429788	19921378	2.21	cps
Bismuth	209-2	14663594	14643677	14485339	14597537	0.67	cps
Bromine	81-1	20267	20161	19880	20103	0.99	cps
Bromine	81-2	127	150	127	134	10.02	cps
Cadmium	108-1	30	160	43	78	91.97	cps
Cadmium	106-1	10227	10034	10134	10131	0.96	cps
Cadmium	111-1	1157	1001	1107	1088	7.34	cps
Calcium	43-1	623	573	527	574	8.42	cps
Calcium	44-1	57576	55188	55350	56038	2.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1757	1563	1600	1640	6.26	cps
Cobalt	59-2	390	373	443	402	9.09	cps
Copper	63-2	3600	3580	3657	3613	1.10	cps
Dysprosium	156-1	10	10	10	10	0.00	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	127	127	193	149	25.85	cps
Erbium	164-2	77	97	113	96	19.21	cps
Gadolinium	160-1	173	180	213	189	11.35	cps
Gadolinium	160-2	1290	1107	1183	1193	7.72	cps
Holmium	165-1	34601745	34694907	35047800	34781484	0.68	cps
Holmium	165-2	22375444	22508007	22333047	22405499	0.41	cps
Indium	115-1	31391991	30979538	32275513	31549014	2.10	cps
Indium	115-2	10781617	10827269	10620792	10743226	1.01	cps
Iron	56-2	38716	37289	37046	37684	2.39	cps
Iron	57-2	2017	2120	2077	2071	2.51	cps
Iron	54-2	5058	4744	4531	4777	5.55	cps
Krypton	83-1	480	517	537	511	5.62	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:53:56	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2354	2010	1737	2034	15.20	cps
Lead	207-1	2030	1650	1510	1730	15.55	cps
Lead	208-1	9601	7774	7007	8128	16.40	cps
Lithium	6-1	2841732	2914435	2994487	2916885	2.62	cps
Magnesium	24-2	5978	5821	5831	5877	1.49	cps
Manganese	55-2	703	633	670	669	5.24	cps
Molybdenum	94-1	1353	1237	1400	1330	6.33	cps
Molybdenum	95-1	1047	863	897	936	10.44	cps
Molybdenum	96-1	1173	1140	1267	1193	5.50	cps
Molybdenum	97-1	707	560	600	622	12.18	cps
Molybdenum	98-1	1577	1350	1327	1418	9.74	cps
Neodymium	150-1	3	10	23	12	83.33	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	293	267	287	282	4.92	cps
Phosphorus	31-2	400	320	340	353	11.78	cps
Potassium	39-2	109668	109970	110306	109981	0.29	cps
Rhodium	103-1	29879151	30614850	30899518	30464506	1.73	cps
Rhodium	103-2	18339174	18070402	18139284	18182953	0.77	cps
Scandium	45-1	16885356	16557849	17029841	16824349	1.44	cps
Scandium	45-2	1534728	1539888	1512715	1529110	0.94	cps
Selenium	82-1	1599	1441	1566	1536	5.41	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	630	707	613	650	7.66	cps
Silicon	28-1	1442752	1452788	1456915	1450819	0.50	cps
Silver	107-1	677	677	560	638	10.56	cps
Silver	109-1	660	533	497	563	15.21	cps
Sodium	23-2	63088	62452	61194	62245	1.55	cps
Strontium	86-1	893	803	753	817	8.69	cps
Strontium	88-1	660	537	417	538	22.62	cps
Sulfur	34-1	282130	284299	285222	283884	0.56	cps
Terbium	159-1	35625300	35580349	36778134	35994594	1.89	cps
Terbium	159-2	22599978	22637232	22431641	22556284	0.49	cps
Thallium	203-1	2330	1897	1627	1951	18.19	cps
Thallium	205-1	5034	4241	4357	4544	9.43	cps
Tin	118-1	4081	3944	4071	4032	1.89	cps
Titanium	47-1	297	313	277	296	6.21	cps

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LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:53:56	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	340	230	157	242	38.10	cps
Vanadium	51-2	57	70	47	58	20.26	cps
Yttrium	89-1	42411528	42131068	43197298	42579964	1.30	cps
Yttrium	89-2	11202066	11047914	11024227	11091402	0.87	cps
Zinc	66-2	687	707	627	673	6.18	cps
Zirconium	90-1	2067	2154	2250	2157	4.25	cps
Zirconium	91-1	430	413	480	441	7.87	cps

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LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-02	Instrumnet Name :	P7
Client Sample ID :	MYE4Y8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:57:13	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24832626	25164309	24619886	24872274	1.10	cps
Antimony	121-1	97125	100246	100649	99340	1.94	cps
Arsenic	75-2	260989	263072	258623	260895	0.85	cps
Barium	135-1	3740514	3835716	3799217	3791816	1.27	cps
Barium	137-1	6372507	6569636	6490059	6477401	1.53	cps
Beryllium	9-1	3573	3484	3406	3487	2.39	cps
Bismuth	209-1	21221621	21526226	21245910	21331252	0.79	cps
Bismuth	209-2	14322111	14362694	14157029	14280611	0.76	cps
Bromine	81-1	28160	28835	29379	28791	2.12	cps
Bromine	81-2	1997	1950	1993	1980	1.31	cps
Cadmium	108-1	2494	2710	2664	2622	4.35	cps
Cadmium	106-1	17648	17297	16232	17059	4.32	cps
Cadmium	111-1	32433	33771	33457	33220	2.11	cps
Calcium	43-1	663705	672923	665935	667521	0.72	cps
Calcium	44-1	10330797	10526500	10550489	10469262	1.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1198499	1190653	1186298	1191817	0.52	cps
Cobalt	59-2	1270621	1260264	1268665	1266517	0.43	cps
Copper	63-2	7585956	7557660	7466184	7536600	0.83	cps
Dysprosium	156-1	234794	239145	238296	237412	0.97	cps
Dysprosium	156-2	185184	184621	183999	184601	0.32	cps
Erbium	164-1	173960	177192	179279	176811	1.52	cps
Erbium	164-2	112213	109871	110030	110705	1.18	cps
Gadolinium	160-1	215260	218665	221488	218471	1.43	cps
Gadolinium	160-2	144544	145096	145079	144906	0.22	cps
Holmium	165-1	38688339	38228443	38295168	38403983	0.65	cps
Holmium	165-2	22740252	22454441	22253078	22482590	1.09	cps
Indium	115-1	34788607	34430379	33915989	34378325	1.28	cps
Indium	115-2	10712202	10780181	10663087	10718490	0.55	cps
Iron	56-2	1213346355	1201309155	1198457662	1204371058	0.66	cps
Iron	57-2	29387410	29129159	29377857	29298142	0.50	cps
Iron	54-2	66153019	64789242	65722987	65555083	1.06	cps
Krypton	83-1	790	810	717	772	6.36	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-02	Instrumnet Name :	P7
Client Sample ID :	MYE4Y8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:57:13	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2351936	2454256	2444731	2416974	2.34	cps
Lead	207-1	2046890	2169386	2153552	2123276	3.14	cps
Lead	208-1	9485172	9885122	9831541	9733945	2.23	cps
Lithium	6-1	3043285	2867521	2755035	2888614	5.03	cps
Magnesium	24-2	20587945	20968172	20182173	20579430	1.91	cps
Manganese	55-2	22003744	21812756	21819861	21878787	0.49	cps
Molybdenum	94-1	328304	335512	334293	332703	1.16	cps
Molybdenum	95-1	26544	24133	23993	24890	5.76	cps
Molybdenum	96-1	92399	91960	90991	91783	0.79	cps
Molybdenum	97-1	15967	14614	15128	15236	4.48	cps
Molybdenum	98-1	40429	37408	36920	38252	4.97	cps
Neodymium	150-1	450376	464002	463520	459299	1.68	cps
Neodymium	150-2	249171	245009	246400	246860	0.86	cps
Nickel	60-2	505150	501797	501371	502773	0.41	cps
Phosphorus	31-2	69206	69306	68583	69031	0.57	cps
Potassium	39-2	11357132	11293601	11265622	11305451	0.41	cps
Rhodium	103-1	33028988	32795375	32526642	32783668	0.77	cps
Rhodium	103-2	18277258	18333735	18015206	18208733	0.93	cps
Scandium	45-1	19393596	19102567	18913995	19136719	1.26	cps
Scandium	45-2	1701078	1692766	1694946	1696263	0.25	cps
Selenium	82-1	2329	2325	2382	2345	1.37	cps
Selenium	77-2	983	1023	890	966	7.09	cps
Selenium	78-2	1487	1423	1450	1453	2.19	cps
Silicon	28-1	66178726	66908104	65885897	66324242	0.79	cps
Silver	107-1	39481	38093	39895	39156	2.41	cps
Silver	109-1	37178	36790	37980	37316	1.63	cps
Sodium	23-2	340635	347605	337457	341899	1.52	cps
Strontium	86-1	869782	899822	894298	887967	1.80	cps
Strontium	88-1	7742736	7827349	7854105	7808063	0.74	cps
Sulfur	34-1	286576	265856	251891	268108	6.51	cps
Terbium	159-1	40287324	39432900	39258182	39659469	1.39	cps
Terbium	159-2	22991290	23071806	22658619	22907239	0.96	cps
Thallium	203-1	15345	14291	14558	14731	3.72	cps
Thallium	205-1	35797	33999	33635	34477	3.36	cps
Tin	118-1	75845	78442	78643	77643	2.01	cps
Titanium	47-1	4465923	4533675	4476720	4492106	0.81	cps

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LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-02	Instrumnet Name :	P7
Client Sample ID :	MYE4Y8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 01:57:13	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	107372	110248	109455	109025	1.36	cps
Vanadium	51-2	2233859	2192701	2200936	2209165	0.99	cps
Yttrium	89-1	50364656	49833338	49513673	49903889	0.86	cps
Yttrium	89-2	12158471	12118108	11766050	12014210	1.80	cps
Zinc	66-2	904306	904558	900695	903186	0.24	cps
Zirconium	90-1	853529	873323	876154	867668	1.42	cps
Zirconium	91-1	190653	195282	195852	193929	1.47	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-03	Instrumnet Name :	P7
Client Sample ID :	MYE4Y9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:00:11	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20562486	20431834	20270842	20421721	0.72	cps
Antimony	121-1	140596	142347	141707	141550	0.63	cps
Arsenic	75-2	243447	245782	240975	243402	0.99	cps
Barium	135-1	3403908	3405014	3407261	3405394	0.05	cps
Barium	137-1	5774303	5881444	5874056	5843268	1.02	cps
Beryllium	9-1	3400	3106	3045	3184	5.97	cps
Bismuth	209-1	20558613	20461193	20961825	20660544	1.28	cps
Bismuth	209-2	14086748	13874465	14062793	14008002	0.83	cps
Bromine	81-1	29049	29490	29630	29389	1.03	cps
Bromine	81-2	1920	2124	1930	1991	5.76	cps
Cadmium	108-1	2290	2170	2217	2226	2.72	cps
Cadmium	106-1	15375	15101	14424	14967	3.27	cps
Cadmium	111-1	28009	27943	28129	28027	0.34	cps
Calcium	43-1	575714	573128	570148	572997	0.49	cps
Calcium	44-1	8989472	9040635	8950725	8993611	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1076329	1073173	1066378	1071960	0.47	cps
Cobalt	59-2	1282418	1284401	1274981	1280600	0.39	cps
Copper	63-2	5158863	5244119	5209271	5204084	0.82	cps
Dysprosium	156-1	224325	228911	228351	227196	1.10	cps
Dysprosium	156-2	172519	172919	172009	172483	0.26	cps
Erbium	164-1	170412	170953	171371	170912	0.28	cps
Erbium	164-2	103217	103577	103731	103508	0.25	cps
Gadolinium	160-1	206104	207382	209626	207704	0.86	cps
Gadolinium	160-2	133425	133892	133718	133678	0.18	cps
Holmium	165-1	37284577	36986604	37191628	37154270	0.41	cps
Holmium	165-2	22106026	21883848	22385510	22125128	1.14	cps
Indium	115-1	32653719	32421780	32490323	32521941	0.37	cps
Indium	115-2	10630293	10560048	10548450	10579597	0.42	cps
Iron	56-2	1120196490	1124476143	1110849610	1118507414	0.62	cps
Iron	57-2	27675263	27618740	27531737	27608580	0.26	cps
Iron	54-2	61416402	61524451	61392222	61444359	0.11	cps
Krypton	83-1	827	760	790	792	4.21	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-03	Instrumnet Name :	P7
Client Sample ID :	MYE4Y9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:00:11	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2438394	2444673	2474115	2452394	0.78	cps
Lead	207-1	2140611	2149378	2190817	2160269	1.24	cps
Lead	208-1	9819156	9856115	9990541	9888604	0.91	cps
Lithium	6-1	2641358	2581912	2569553	2597608	1.48	cps
Magnesium	24-2	18100601	18273648	18196780	18190343	0.48	cps
Manganese	55-2	19524622	19569722	19460919	19518421	0.28	cps
Molybdenum	94-1	316678	317982	320365	318342	0.59	cps
Molybdenum	95-1	25092	25262	25018	25124	0.50	cps
Molybdenum	96-1	89136	91125	89830	90030	1.12	cps
Molybdenum	97-1	15442	16146	15321	15636	2.85	cps
Molybdenum	98-1	39019	39430	39704	39384	0.88	cps
Neodymium	150-1	449693	450282	454074	451350	0.53	cps
Neodymium	150-2	238595	235328	234271	236065	0.95	cps
Nickel	60-2	508859	512270	506337	509156	0.58	cps
Phosphorus	31-2	66959	66353	66370	66560	0.52	cps
Potassium	39-2	9281738	9039386	9039548	9120224	1.53	cps
Rhodium	103-1	31032439	31421199	30865094	31106244	0.92	cps
Rhodium	103-2	18125722	17951009	17976975	18017902	0.52	cps
Scandium	45-1	17830124	17795201	17547546	17724290	0.87	cps
Scandium	45-2	1644588	1639649	1621790	1635342	0.73	cps
Selenium	82-1	2123	2121	2081	2108	1.13	cps
Selenium	77-2	930	953	887	923	3.66	cps
Selenium	78-2	1600	1500	1403	1501	6.55	cps
Silicon	28-1	58110856	57729107	56962371	57600778	1.02	cps
Silver	107-1	32236	31942	31377	31852	1.37	cps
Silver	109-1	30355	30475	30048	30293	0.73	cps
Sodium	23-2	309917	308905	310424	309749	0.25	cps
Strontium	86-1	783606	795586	786677	788623	0.79	cps
Strontium	88-1	6801809	6888050	6863239	6851033	0.65	cps
Sulfur	34-1	249603	245217	243123	245981	1.34	cps
Terbium	159-1	37959265	37935944	38423164	38106124	0.72	cps
Terbium	159-2	22810111	22280656	22292130	22460966	1.35	cps
Thallium	203-1	12449	12619	12392	12487	0.95	cps
Thallium	205-1	31069	29325	30173	30189	2.89	cps
Tin	118-1	91481	90938	92126	91515	0.65	cps
Titanium	47-1	3967607	4014503	3851245	3944451	2.13	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-03	Instrumnet Name :	P7
Client Sample ID :	MYE4Y9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:00:11	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100912	100989	101852	101251	0.52	cps
Vanadium	51-2	2151675	2090752	2097712	2113380	1.58	cps
Yttrium	89-1	46399601	46956428	46835384	46730471	0.63	cps
Yttrium	89-2	11823351	11627629	11771511	11740831	0.86	cps
Zinc	66-2	846807	856347	841390	848181	0.89	cps
Zirconium	90-1	829868	832895	827703	830155	0.31	cps
Zirconium	91-1	185341	187174	184345	185620	0.77	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-04	Instrumnet Name :	P7
Client Sample ID :	MYE4Z0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:03:12	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21057391	21365117	20752947	21058485	1.45	cps
Antimony	121-1	65187	66874	65699	65920	1.31	cps
Arsenic	75-2	162984	162374	161932	162430	0.32	cps
Barium	135-1	3297430	3286541	3264044	3282672	0.52	cps
Barium	137-1	5668248	5749816	5603024	5673696	1.30	cps
Beryllium	9-1	2923	2667	2784	2791	4.59	cps
Bismuth	209-1	20897932	20389412	21132359	20806568	1.83	cps
Bismuth	209-2	14205126	14140838	14080941	14142302	0.44	cps
Bromine	81-1	28798	29349	30164	29437	2.33	cps
Bromine	81-2	1983	2060	1947	1997	2.90	cps
Cadmium	108-1	1540	1553	1460	1518	3.33	cps
Cadmium	106-1	13994	13570	13446	13670	2.10	cps
Cadmium	111-1	19086	18636	19072	18931	1.35	cps
Calcium	43-1	660840	652857	642197	651965	1.43	cps
Calcium	44-1	10402121	10177495	9989355	10189657	2.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	873259	867044	870338	870213	0.36	cps
Cobalt	59-2	906440	889945	895516	897300	0.94	cps
Copper	63-2	3360079	3337707	3299426	3332404	0.92	cps
Dysprosium	156-1	173822	174881	173815	174173	0.35	cps
Dysprosium	156-2	129276	131034	130954	130421	0.76	cps
Erbium	164-1	134234	134551	132471	133752	0.84	cps
Erbium	164-2	81050	80946	80668	80888	0.24	cps
Gadolinium	160-1	164747	164730	164214	164564	0.18	cps
Gadolinium	160-2	104422	106037	105500	105320	0.78	cps
Holmium	165-1	37815083	36706591	36669758	37063811	1.76	cps
Holmium	165-2	22152463	22293244	22098038	22181248	0.45	cps
Indium	115-1	32572181	32743402	32441044	32585542	0.47	cps
Indium	115-2	10425842	10448722	10446400	10440321	0.12	cps
Iron	56-2	865528547	842094681	858887534	855503587	1.41	cps
Iron	57-2	21552535	20667379	20767388	20995767	2.31	cps
Iron	54-2	46987178	46327373	46950633	46755061	0.79	cps
Krypton	83-1	660	717	727	701	5.13	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-04	Instrumnet Name :	P7
Client Sample ID :	MYE4Z0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:03:12	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1629889	1627460	1619105	1625485	0.35	cps
Lead	207-1	1421414	1426116	1420787	1422772	0.20	cps
Lead	208-1	6518480	6413801	6481292	6471191	0.82	cps
Lithium	6-1	2586706	2623740	2541956	2584134	1.58	cps
Magnesium	24-2	15932089	16031469	15706794	15890117	1.05	cps
Manganese	55-2	16067711	15799416	16039140	15968756	0.92	cps
Molybdenum	94-1	223867	226521	222372	224254	0.94	cps
Molybdenum	95-1	18519	18605	18729	18617	0.57	cps
Molybdenum	96-1	66028	65087	64964	65360	0.89	cps
Molybdenum	97-1	11988	11621	11942	11850	1.69	cps
Molybdenum	98-1	29496	29266	29186	29316	0.55	cps
Neodymium	150-1	344272	342686	340913	342624	0.49	cps
Neodymium	150-2	179662	178870	176755	178429	0.84	cps
Nickel	60-2	362374	357881	359086	359780	0.65	cps
Phosphorus	31-2	63591	63297	62929	63272	0.52	cps
Potassium	39-2	10704592	10614432	10546299	10621774	0.75	cps
Rhodium	103-1	31172657	31158551	30955537	31095582	0.39	cps
Rhodium	103-2	17963606	17872319	17741276	17859067	0.63	cps
Scandium	45-1	17969325	17194155	17356465	17506648	2.34	cps
Scandium	45-2	1586268	1619896	1621578	1609247	1.24	cps
Selenium	82-1	2006	2060	1901	1989	4.07	cps
Selenium	77-2	713	690	683	696	2.26	cps
Selenium	78-2	1280	1247	1070	1199	9.41	cps
Silicon	28-1	66565879	65360201	66271437	66065839	0.95	cps
Silver	107-1	21316	21029	20745	21030	1.36	cps
Silver	109-1	19483	20101	20188	19924	1.93	cps
Sodium	23-2	278182	279796	278825	278934	0.29	cps
Strontium	86-1	756605	754249	745528	752127	0.78	cps
Strontium	88-1	6552952	6681298	6414189	6549480	2.04	cps
Sulfur	34-1	248851	240917	239398	243055	2.09	cps
Terbium	159-1	39051144	38422244	37812707	38428699	1.61	cps
Terbium	159-2	22394595	22457649	22430910	22427718	0.14	cps
Thallium	203-1	8800	8853	8639	8764	1.27	cps
Thallium	205-1	21036	20940	21327	21101	0.96	cps
Tin	118-1	79323	79722	78512	79186	0.78	cps
Titanium	47-1	2763851	2703594	2659447	2708964	1.93	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-04	Instrumnet Name :	P7
Client Sample ID :	MYE4Z0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:03:12	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	63906	64672	64405	64328	0.60	cps
Vanadium	51-2	1609910	1605382	1617290	1610861	0.37	cps
Yttrium	89-1	46975273	46697026	46018719	46563673	1.06	cps
Yttrium	89-2	11575381	11380899	11404684	11453655	0.93	cps
Zinc	66-2	678914	676773	668596	674761	0.81	cps
Zirconium	90-1	588344	590300	573577	584074	1.57	cps
Zirconium	91-1	129895	130961	128480	129779	0.96	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-05	Instrumnet Name :	P7
Client Sample ID :	MYE4Z1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:06:13	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24079401	23620365	23620299	23773355	1.11	cps
Antimony	121-1	57826	58304	58954	58361	0.97	cps
Arsenic	75-2	183537	181296	183541	182791	0.71	cps
Barium	135-1	3527945	3562953	3400721	3497206	2.44	cps
Barium	137-1	6034187	6092447	5949561	6025399	1.19	cps
Beryllium	9-1	3506	3339	3350	3399	2.74	cps
Bismuth	209-1	20476093	21088883	20875331	20813436	1.49	cps
Bismuth	209-2	14041731	14233534	14060337	14111868	0.75	cps
Bromine	81-1	28297	29139	29252	28896	1.81	cps
Bromine	81-2	2187	2264	2254	2235	1.87	cps
Cadmium	108-1	1707	1847	1873	1809	4.95	cps
Cadmium	106-1	13983	13780	13126	13630	3.29	cps
Cadmium	111-1	22861	23292	22959	23037	0.98	cps
Calcium	43-1	807373	798627	804301	803434	0.55	cps
Calcium	44-1	12680665	12483900	12417372	12527313	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1041661	1039272	1028147	1036360	0.70	cps
Cobalt	59-2	1057914	1056428	1045557	1053300	0.64	cps
Copper	63-2	5079810	4988787	5042941	5037180	0.91	cps
Dysprosium	156-1	205679	206648	205305	205877	0.34	cps
Dysprosium	156-2	155655	153565	154068	154429	0.71	cps
Erbium	164-1	162449	161701	160757	161636	0.52	cps
Erbium	164-2	96718	97443	97138	97100	0.37	cps
Gadolinium	160-1	193343	196009	193370	194240	0.79	cps
Gadolinium	160-2	125684	127534	126273	126497	0.75	cps
Holmium	165-1	36415739	37047835	37007727	36823767	0.96	cps
Holmium	165-2	21897991	22118989	22023141	22013374	0.50	cps
Indium	115-1	32138393	32153358	32109163	32133638	0.07	cps
Indium	115-2	10219260	10277154	10286639	10261018	0.36	cps
Iron	56-2	918946040	915555453	913270093	915923862	0.31	cps
Iron	57-2	22868866	22983305	22331901	22728024	1.53	cps
Iron	54-2	50548901	50422188	50188839	50386643	0.36	cps
Krypton	83-1	787	750	707	748	5.36	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-05	Instrumnet Name :	P7
Client Sample ID :	MYE4Z1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:06:13	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1809222	1807883	1789938	1802348	0.60	cps
Lead	207-1	1609152	1605995	1602195	1605781	0.22	cps
Lead	208-1	7205758	7303975	7237986	7249239	0.69	cps
Lithium	6-1	2610526	2593253	2530723	2578167	1.63	cps
Magnesium	24-2	17183575	17230006	17088372	17167318	0.42	cps
Manganese	55-2	17460037	17401627	17274050	17378571	0.55	cps
Molybdenum	94-1	245776	244508	241236	243840	0.96	cps
Molybdenum	95-1	18796	19346	18859	19000	1.59	cps
Molybdenum	96-1	67625	67626	68205	67818	0.49	cps
Molybdenum	97-1	11868	12152	11238	11753	3.98	cps
Molybdenum	98-1	29460	29947	29476	29628	0.93	cps
Neodymium	150-1	400974	404492	400143	401870	0.57	cps
Neodymium	150-2	210621	210367	209777	210255	0.21	cps
Nickel	60-2	432345	431611	432555	432170	0.11	cps
Phosphorus	31-2	73482	72808	70173	72154	2.42	cps
Potassium	39-2	11909874	11900548	11759220	11856547	0.71	cps
Rhodium	103-1	30533320	30162468	30418662	30371483	0.63	cps
Rhodium	103-2	17576703	17731363	17593599	17633888	0.48	cps
Scandium	45-1	17472178	17177156	17058191	17235842	1.24	cps
Scandium	45-2	1590272	1560492	1555759	1568841	1.19	cps
Selenium	82-1	1975	1961	2036	1991	1.98	cps
Selenium	77-2	830	910	773	838	8.20	cps
Selenium	78-2	1210	1330	1273	1271	4.72	cps
Silicon	28-1	69049096	67596424	65344116	67329878	2.77	cps
Silver	107-1	29046	28956	28050	28684	1.92	cps
Silver	109-1	27747	26892	26822	27153	1.90	cps
Sodium	23-2	349427	348663	349505	349198	0.13	cps
Strontium	86-1	781536	780601	774482	778873	0.49	cps
Strontium	88-1	6777637	6846280	6718773	6780897	0.94	cps
Sulfur	34-1	235321	229843	227298	230821	1.78	cps
Terbium	159-1	38068634	37838095	37940545	37949092	0.30	cps
Terbium	159-2	22315376	22087348	22448560	22283761	0.82	cps
Thallium	203-1	10908	10798	10387	10698	2.56	cps
Thallium	205-1	24853	25010	25153	25005	0.60	cps
Tin	118-1	81636	82447	81415	81833	0.66	cps
Titanium	47-1	3306230	3265356	3192603	3254730	1.77	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-05	Instrumnet Name :	P7
Client Sample ID :	MYE4Z1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:06:13	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	83439	84620	84788	84282	0.87	cps
Vanadium	51-2	1735473	1733454	1725491	1731472	0.30	cps
Yttrium	89-1	45808144	45754108	44914581	45492278	1.10	cps
Yttrium	89-2	11254395	11381241	11132114	11255917	1.11	cps
Zinc	66-2	729818	726578	729925	728774	0.26	cps
Zirconium	90-1	628686	627807	627468	627987	0.10	cps
Zirconium	91-1	140149	142069	140313	140844	0.76	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-06	Instrumnet Name :	P7
Client Sample ID :	MYE4Z2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:09:14	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26409210	26077352	26099100	26195221	0.71	cps
Antimony	121-1	83085	82904	82435	82808	0.41	cps
Arsenic	75-2	213477	210840	209105	211140	1.04	cps
Barium	135-1	3661416	3661140	3633981	3652179	0.43	cps
Barium	137-1	6318688	6306398	6344962	6323349	0.31	cps
Beryllium	9-1	3500	3517	3517	3512	0.27	cps
Bismuth	209-1	20966508	20726816	20681072	20791465	0.74	cps
Bismuth	209-2	14393017	14141234	14102378	14212209	1.11	cps
Bromine	81-1	27135	26754	27225	27038	0.92	cps
Bromine	81-2	1830	1960	1853	1881	3.68	cps
Cadmium	108-1	1980	1793	1793	1856	5.81	cps
Cadmium	106-1	13733	13303	13603	13546	1.63	cps
Cadmium	111-1	23032	22482	22728	22747	1.21	cps
Calcium	43-1	644927	641503	634660	640363	0.82	cps
Calcium	44-1	10106924	10063116	9937826	10035955	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1066392	1065838	1056207	1062812	0.54	cps
Cobalt	59-2	1130003	1125303	1114876	1123394	0.69	cps
Copper	63-2	4235792	4294302	4191256	4240450	1.22	cps
Dysprosium	156-1	217818	216544	216290	216884	0.38	cps
Dysprosium	156-2	164534	161918	164076	163509	0.85	cps
Erbium	164-1	164823	166132	165859	165605	0.42	cps
Erbium	164-2	101254	99343	100697	100431	0.98	cps
Gadolinium	160-1	203896	204045	204352	204097	0.11	cps
Gadolinium	160-2	132264	130915	131104	131428	0.56	cps
Holmium	165-1	36850744	36670906	36748656	36756769	0.25	cps
Holmium	165-2	22506349	21943153	22329063	22259522	1.29	cps
Indium	115-1	31826588	32046309	31381176	31751357	1.07	cps
Indium	115-2	10270297	10248836	10070986	10196707	1.07	cps
Iron	56-2	1070170997	1070813531	1056759878	1065914802	0.74	cps
Iron	57-2	26419762	26093945	26100907	26204872	0.71	cps
Iron	54-2	59129934	58477352	57499616	58368967	1.41	cps
Krypton	83-1	723	607	737	689	10.38	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-06	Instrumnet Name :	P7
Client Sample ID :	MYE4Z2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:09:14	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2138353	2159654	2160693	2152900	0.59	cps
Lead	207-1	1885755	1900716	1894853	1893775	0.40	cps
Lead	208-1	8618393	8726742	8626707	8657280	0.70	cps
Lithium	6-1	2613946	2559596	2550787	2574776	1.33	cps
Magnesium	24-2	18648618	18401566	18596111	18548765	0.70	cps
Manganese	55-2	18185305	18175523	18099608	18153479	0.26	cps
Molybdenum	94-1	264658	266385	263308	264783	0.58	cps
Molybdenum	95-1	26514	26240	25813	26189	1.35	cps
Molybdenum	96-1	80745	81666	80882	81098	0.61	cps
Molybdenum	97-1	16142	16156	16459	16252	1.10	cps
Molybdenum	98-1	41409	41592	41245	41415	0.42	cps
Neodymium	150-1	432937	434100	433947	433661	0.15	cps
Neodymium	150-2	226655	224086	223759	224833	0.71	cps
Nickel	60-2	472102	468185	467857	469381	0.50	cps
Phosphorus	31-2	72785	73331	73445	73187	0.48	cps
Potassium	39-2	10332993	10385024	10403757	10373924	0.35	cps
Rhodium	103-1	30194032	29863343	30035951	30031109	0.55	cps
Rhodium	103-2	17662955	17297686	17295791	17418810	1.21	cps
Scandium	45-1	17258031	16918779	16913412	17030074	1.16	cps
Scandium	45-2	1536312	1575098	1532591	1548000	1.52	cps
Selenium	82-1	2165	2145	1997	2102	4.37	cps
Selenium	77-2	740	827	803	790	5.68	cps
Selenium	78-2	1393	1250	1427	1357	6.92	cps
Silicon	28-1	53767139	52821263	53412819	53333740	0.90	cps
Silver	107-1	26831	26618	26023	26491	1.58	cps
Silver	109-1	25262	25482	25242	25329	0.53	cps
Sodium	23-2	290034	291116	295126	292092	0.92	cps
Strontium	86-1	861350	861790	855382	859508	0.42	cps
Strontium	88-1	7568477	7637037	7457293	7554269	1.20	cps
Sulfur	34-1	223426	224107	220305	222613	0.91	cps
Terbium	159-1	37789463	37899812	38309319	37999531	0.72	cps
Terbium	159-2	22561091	22384324	22368044	22437820	0.48	cps
Thallium	203-1	11452	11865	11572	11630	1.83	cps
Thallium	205-1	27762	27765	27458	27662	0.64	cps
Tin	118-1	85786	85177	85079	85347	0.45	cps
Titanium	47-1	3298537	3284298	3240462	3274433	0.92	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-06	Instrumnet Name :	P7
Client Sample ID :	MYE4Z2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:09:14	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	94938	93934	93183	94019	0.94	cps
Vanadium	51-2	1959383	1934430	1922738	1938850	0.97	cps
Yttrium	89-1	45522289	45162031	45198989	45294437	0.44	cps
Yttrium	89-2	11162240	11237082	11215727	11205016	0.34	cps
Zinc	66-2	811087	804408	797571	804355	0.84	cps
Zirconium	90-1	677528	680977	671313	676606	0.72	cps
Zirconium	91-1	150873	150940	150991	150935	0.04	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-07	Instrumnet Name :	P7
Client Sample ID :	MYE4Z3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:12:12	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17856507	18194832	18098513	18049951	0.97	cps
Antimony	121-1	116262	116571	115973	116268	0.26	cps
Arsenic	75-2	268481	264986	265854	266440	0.68	cps
Barium	135-1	2561296	2596433	2550112	2569280	0.94	cps
Barium	137-1	4490873	4435690	4385316	4437293	1.19	cps
Beryllium	9-1	3100	2956	2756	2937	5.89	cps
Bismuth	209-1	21151506	21287054	21503021	21313860	0.83	cps
Bismuth	209-2	14208623	14450167	14486067	14381619	1.05	cps
Bromine	81-1	25515	25572	25599	25562	0.17	cps
Bromine	81-2	1517	1560	1520	1532	1.57	cps
Cadmium	108-1	2024	1867	2104	1998	6.03	cps
Cadmium	106-1	13450	13583	13590	13541	0.58	cps
Cadmium	111-1	25745	25913	25349	25669	1.13	cps
Calcium	43-1	495453	489590	479493	488179	1.65	cps
Calcium	44-1	7667043	7674310	7552318	7631223	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	958551	961646	963240	961146	0.25	cps
Cobalt	59-2	980094	972641	967364	973366	0.66	cps
Copper	63-2	4478247	4438886	4447511	4454881	0.46	cps
Dysprosium	156-1	185192	188054	186421	186556	0.77	cps
Dysprosium	156-2	139980	139074	139010	139354	0.39	cps
Erbium	164-1	141525	142825	140745	141698	0.74	cps
Erbium	164-2	85456	85546	85429	85477	0.07	cps
Gadolinium	160-1	174318	174482	173548	174116	0.29	cps
Gadolinium	160-2	112877	112235	111879	112330	0.45	cps
Holmium	165-1	37020286	37699296	37531404	37416995	0.95	cps
Holmium	165-2	22562738	22003734	22602866	22389779	1.50	cps
Indium	115-1	32123900	32194673	32261265	32193280	0.21	cps
Indium	115-2	10416569	10183096	10372212	10323959	1.20	cps
Iron	56-2	1013501238	1007019798	1003533265	1008018101	0.50	cps
Iron	57-2	25443581	25081809	24736102	25087164	1.41	cps
Iron	54-2	56192908	55370579	55189854	55584447	0.96	cps
Krypton	83-1	823	703	747	758	8.02	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-07	Instrumnet Name :	P7
Client Sample ID :	MYE4Z3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:12:12	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2648934	2669384	2652578	2656965	0.41	cps
Lead	207-1	2355415	2345659	2321312	2340795	0.75	cps
Lead	208-1	10712227	10667669	10654047	10677981	0.28	cps
Lithium	6-1	2542053	2502552	2566404	2537003	1.27	cps
Magnesium	24-2	14571840	14520829	14535651	14542773	0.18	cps
Manganese	55-2	14978130	14632404	14761034	14790523	1.18	cps
Molybdenum	94-1	202626	201700	200979	201768	0.41	cps
Molybdenum	95-1	27516	27923	27579	27673	0.79	cps
Molybdenum	96-1	71564	72422	70723	71569	1.19	cps
Molybdenum	97-1	17220	17217	16937	17125	0.95	cps
Molybdenum	98-1	44247	43200	43344	43597	1.30	cps
Neodymium	150-1	376432	375996	371423	374617	0.74	cps
Neodymium	150-2	195007	191801	191426	192745	1.02	cps
Nickel	60-2	377594	373615	371346	374185	0.85	cps
Phosphorus	31-2	60442	59967	59846	60085	0.52	cps
Potassium	39-2	8174849	8243050	8243697	8220532	0.48	cps
Rhodium	103-1	30697345	31002402	31230275	30976674	0.86	cps
Rhodium	103-2	17805245	17507068	17753732	17688682	0.90	cps
Scandium	45-1	17225728	17249832	16982824	17152795	0.86	cps
Scandium	45-2	1559006	1562104	1595606	1572239	1.29	cps
Selenium	82-1	2092	2115	1993	2067	3.14	cps
Selenium	77-2	660	650	800	703	11.92	cps
Selenium	78-2	1220	1330	1450	1333	8.63	cps
Silicon	28-1	50381948	50238109	49648266	50089441	0.78	cps
Silver	107-1	42475	42683	41726	42295	1.19	cps
Silver	109-1	40754	40888	40704	40782	0.23	cps
Sodium	23-2	287208	285081	289225	287172	0.72	cps
Strontium	86-1	563857	560757	555790	560135	0.73	cps
Strontium	88-1	4888302	4886440	4841902	4872215	0.54	cps
Sulfur	34-1	223099	222811	222831	222914	0.07	cps
Terbium	159-1	37561924	38439409	38992524	38331286	1.88	cps
Terbium	159-2	22566799	22408528	22657792	22544373	0.56	cps
Thallium	203-1	10474	10347	10371	10397	0.65	cps
Thallium	205-1	24712	24465	24639	24606	0.52	cps
Tin	118-1	85197	87232	84657	85695	1.58	cps
Titanium	47-1	3251981	3257053	3186383	3231806	1.22	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-07	Instrumnet Name :	P7
Client Sample ID :	MYE4Z3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:12:12	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	85794	85744	85774	85770	0.03	cps
Vanadium	51-2	1844218	1824954	1846109	1838427	0.64	cps
Yttrium	89-1	45218436	45565149	45464514	45416033	0.39	cps
Yttrium	89-2	11209337	11148367	11265024	11207576	0.52	cps
Zinc	66-2	825439	810581	813239	816420	0.97	cps
Zirconium	90-1	508603	498841	496431	501291	1.29	cps
Zirconium	91-1	112984	110992	113161	112379	1.07	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-08	Instrumnet Name :	P7
Client Sample ID :	MYE4Z4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:15:12	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25207147	24884213	25049439	25046933	0.64	cps
Antimony	121-1	72779	73416	72723	72973	0.53	cps
Arsenic	75-2	209085	207185	206368	207546	0.67	cps
Barium	135-1	3530801	3488958	3480464	3500074	0.77	cps
Barium	137-1	6039936	6040305	5973016	6017752	0.64	cps
Beryllium	9-1	3600	3684	3567	3617	1.66	cps
Bismuth	209-1	21479877	21521106	21558443	21519809	0.18	cps
Bismuth	209-2	14364068	14291788	14381091	14345649	0.33	cps
Bromine	81-1	28220	28738	29526	28828	2.28	cps
Bromine	81-2	2280	2267	2084	2210	4.97	cps
Cadmium	108-1	2170	2220	2110	2167	2.54	cps
Cadmium	106-1	15018	14217	14064	14433	3.55	cps
Cadmium	111-1	28256	28360	27990	28202	0.68	cps
Calcium	43-1	620659	622748	614289	619232	0.71	cps
Calcium	44-1	9733327	9713466	9695341	9714044	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	997890	988493	987004	991129	0.60	cps
Cobalt	59-2	1084763	1077387	1078075	1080075	0.38	cps
Copper	63-2	5527171	5543567	5541877	5537539	0.16	cps
Dysprosium	156-1	228830	229147	227799	228592	0.31	cps
Dysprosium	156-2	168423	169125	169051	168866	0.23	cps
Erbium	164-1	173925	175803	176726	175485	0.81	cps
Erbium	164-2	105129	105421	105623	105391	0.24	cps
Gadolinium	160-1	215960	214796	214975	215244	0.29	cps
Gadolinium	160-2	138998	138120	137066	138061	0.70	cps
Holmium	165-1	38246629	37688829	38162012	38032490	0.79	cps
Holmium	165-2	22440429	22088164	22513441	22347345	1.02	cps
Indium	115-1	32265248	32258826	31948167	32157414	0.56	cps
Indium	115-2	10319074	10118764	10186834	10208224	1.00	cps
Iron	56-2	979547372	978133985	978399399	978693585	0.08	cps
Iron	57-2	24325719	23753409	23765292	23948140	1.37	cps
Iron	54-2	53684161	53004891	53268228	53319093	0.64	cps
Krypton	83-1	813	797	703	771	7.69	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-08	Instrumnet Name :	P7
Client Sample ID :	MYE4Z4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:15:12	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2239584	2274144	2290959	2268229	1.15	cps
Lead	207-1	1992048	1992225	2007921	1997398	0.46	cps
Lead	208-1	9168099	9235089	9204870	9202686	0.36	cps
Lithium	6-1	2651542	2604097	2615082	2623574	0.95	cps
Magnesium	24-2	17611299	17810932	17440621	17620951	1.05	cps
Manganese	55-2	20261482	19784171	20011467	20019040	1.19	cps
Molybdenum	94-1	255743	258429	256357	256843	0.55	cps
Molybdenum	95-1	22614	22841	22361	22605	1.06	cps
Molybdenum	96-1	75202	76783	75617	75867	1.08	cps
Molybdenum	97-1	14020	13773	13760	13851	1.06	cps
Molybdenum	98-1	35804	35760	35871	35812	0.16	cps
Neodymium	150-1	441604	448896	445748	445416	0.82	cps
Neodymium	150-2	233214	230405	229806	231141	0.79	cps
Nickel	60-2	428304	423568	423457	425110	0.65	cps
Phosphorus	31-2	58913	59301	59726	59313	0.69	cps
Potassium	39-2	11017250	10844529	10825754	10895844	0.97	cps
Rhodium	103-1	30794915	30945153	30429255	30723108	0.86	cps
Rhodium	103-2	17471486	17427378	17461363	17453409	0.13	cps
Scandium	45-1	17290165	16913623	16805673	17003153	1.50	cps
Scandium	45-2	1557537	1538963	1531078	1542526	0.88	cps
Selenium	82-1	2029	2217	2293	2180	6.24	cps
Selenium	77-2	937	900	920	919	2.00	cps
Selenium	78-2	1457	1230	1303	1330	8.70	cps
Silicon	28-1	57299001	57303061	56360346	56987469	0.95	cps
Silver	107-1	32099	31885	32015	32000	0.34	cps
Silver	109-1	30405	30385	30509	30433	0.22	cps
Sodium	23-2	315254	316085	318360	316566	0.51	cps
Strontium	86-1	699383	696844	695977	697402	0.25	cps
Strontium	88-1	6141361	6107224	6048159	6098915	0.77	cps
Sulfur	34-1	235037	233436	230266	232913	1.04	cps
Terbium	159-1	39351259	38959948	38651309	38987505	0.90	cps
Terbium	159-2	22639053	22681508	22629984	22650182	0.12	cps
Thallium	203-1	11859	12609	12663	12377	3.63	cps
Thallium	205-1	29034	29689	29729	29484	1.32	cps
Tin	118-1	90874	91457	90814	91049	0.39	cps
Titanium	47-1	2844410	2870933	2816074	2843806	0.96	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-08	Instrumnet Name :	P7
Client Sample ID :	MYE4Z4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:15:12	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	97409	98181	99075	98222	0.85	cps
Vanadium	51-2	1839370	1818123	1839296	1832263	0.67	cps
Yttrium	89-1	45849748	46071833	45612801	45844794	0.50	cps
Yttrium	89-2	11199637	11025059	11066971	11097222	0.82	cps
Zinc	66-2	813048	809480	804360	808963	0.54	cps
Zirconium	90-1	665995	666999	660662	664552	0.51	cps
Zirconium	91-1	146971	147082	147799	147284	0.30	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-09	Instrumnet Name :	P7
Client Sample ID :	MYE4Z5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:18:10	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18652397	18132026	18129139	18304521	1.65	cps
Antimony	121-1	97152	100353	102075	99860	2.50	cps
Arsenic	75-2	221684	220450	219509	220548	0.49	cps
Barium	135-1	2508442	2602476	2591255	2567391	2.00	cps
Barium	137-1	4343896	4454594	4455791	4418094	1.45	cps
Beryllium	9-1	2756	2656	2556	2656	3.77	cps
Bismuth	209-1	21410469	21859634	21719091	21663065	1.06	cps
Bismuth	209-2	14733418	14209164	14386815	14443132	1.85	cps
Bromine	81-1	25252	26334	27219	26268	3.75	cps
Bromine	81-2	1567	1620	1660	1616	2.90	cps
Cadmium	108-1	2084	2044	2144	2090	2.41	cps
Cadmium	106-1	14270	14060	13646	13992	2.27	cps
Cadmium	111-1	25883	26618	26826	26442	1.87	cps
Calcium	43-1	473068	477402	474306	474925	0.47	cps
Calcium	44-1	7329218	7440136	7453224	7407526	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	908984	904248	900656	904629	0.46	cps
Cobalt	59-2	944555	948850	942628	945344	0.34	cps
Copper	63-2	5913287	5840978	5802122	5852129	0.96	cps
Dysprosium	156-1	182291	185741	187181	185071	1.36	cps
Dysprosium	156-2	140497	140559	139400	140152	0.47	cps
Erbium	164-1	137055	139973	139862	138963	1.19	cps
Erbium	164-2	86220	83551	83364	84378	1.89	cps
Gadolinium	160-1	169934	174570	174556	173020	1.54	cps
Gadolinium	160-2	113955	113209	111983	113049	0.88	cps
Holmium	165-1	37592945	38225603	37916476	37911675	0.83	cps
Holmium	165-2	22736459	22462257	22299726	22499481	0.98	cps
Indium	115-1	32185024	32862356	31965632	32337671	1.45	cps
Indium	115-2	10332174	10339805	10313091	10328357	0.13	cps
Iron	56-2	909357986	902655187	904693053	905568742	0.38	cps
Iron	57-2	22321965	22156756	22141192	22206637	0.45	cps
Iron	54-2	50397563	49828113	50130879	50118851	0.57	cps
Krypton	83-1	697	640	700	679	4.97	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-09	Instrumnet Name :	P7
Client Sample ID :	MYE4Z5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:18:10	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2825718	2875872	2888510	2863367	1.16	cps
Lead	207-1	2509514	2579591	2555881	2548329	1.40	cps
Lead	208-1	11356799	11617279	11644580	11539553	1.38	cps
Lithium	6-1	2690459	2619227	2598600	2636095	1.83	cps
Magnesium	24-2	14670856	14441970	14254037	14455621	1.44	cps
Manganese	55-2	15132699	15022486	15063238	15072808	0.37	cps
Molybdenum	94-1	225635	228504	230142	228094	1.00	cps
Molybdenum	95-1	20705	21072	21085	20954	1.03	cps
Molybdenum	96-1	67160	68375	68623	68053	1.15	cps
Molybdenum	97-1	13313	12862	13253	13143	1.86	cps
Molybdenum	98-1	33001	33098	33395	33164	0.62	cps
Neodymium	150-1	361363	365946	369949	365753	1.17	cps
Neodymium	150-2	191358	190524	189584	190489	0.47	cps
Nickel	60-2	356877	355436	354251	355521	0.37	cps
Phosphorus	31-2	56035	54490	54507	55011	1.61	cps
Potassium	39-2	8486023	8320239	8272905	8359722	1.34	cps
Rhodium	103-1	30551969	31089055	30846112	30829045	0.87	cps
Rhodium	103-2	17666779	17713572	17629216	17669856	0.24	cps
Scandium	45-1	16864938	17130153	16737873	16910988	1.18	cps
Scandium	45-2	1515082	1540873	1513874	1523276	1.00	cps
Selenium	82-1	2034	2097	2061	2064	1.53	cps
Selenium	77-2	710	697	677	694	2.42	cps
Selenium	78-2	1343	1340	1283	1322	2.55	cps
Silicon	28-1	61238102	60753116	62043406	61344875	1.06	cps
Silver	107-1	43923	45819	45417	45053	2.22	cps
Silver	109-1	42385	43284	43097	42922	1.11	cps
Sodium	23-2	305635	305141	300398	303725	0.95	cps
Strontium	86-1	523891	534144	536154	531396	1.24	cps
Strontium	88-1	4642397	4710001	4720552	4690983	0.90	cps
Sulfur	34-1	220234	217836	215231	217767	1.15	cps
Terbium	159-1	38392432	39804517	39155564	39117504	1.81	cps
Terbium	159-2	22667762	22519518	22468952	22552077	0.46	cps
Thallium	203-1	10894	11338	11492	11241	2.76	cps
Thallium	205-1	25614	26626	26285	26175	1.97	cps
Tin	118-1	87232	89019	89496	88582	1.35	cps
Titanium	47-1	3382737	3394823	3396112	3391224	0.22	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-09	Instrumnet Name :	P7
Client Sample ID :	MYE4Z5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:18:10	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	86267	87793	90320	88127	2.32	cps
Vanadium	51-2	1673186	1669131	1661686	1668001	0.35	cps
Yttrium	89-1	44891389	46574178	45552679	45672749	1.86	cps
Yttrium	89-2	11201838	10943663	11002269	11049257	1.22	cps
Zinc	66-2	794689	791189	786629	790836	0.51	cps
Zirconium	90-1	582870	594531	592650	590017	1.06	cps
Zirconium	91-1	130235	132222	131684	131380	0.78	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:21:11	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21046632	20763500	20742747	20850959	0.81	cps
Antimony	121-1	93964	96007	95206	95059	1.08	cps
Arsenic	75-2	310934	310722	309586	310414	0.23	cps
Barium	135-1	2992828	3047956	3029310	3023364	0.93	cps
Barium	137-1	5167586	5237970	5203736	5203097	0.68	cps
Beryllium	9-1	3223	3106	3139	3156	1.90	cps
Bismuth	209-1	22133187	21920988	21706853	21920343	0.97	cps
Bismuth	209-2	14343922	14726675	14618910	14563169	1.36	cps
Bromine	81-1	26677	26514	27499	26897	1.96	cps
Bromine	81-2	1637	1807	1747	1730	4.98	cps
Cadmium	108-1	2460	2274	2320	2351	4.13	cps
Cadmium	106-1	14684	14741	14724	14716	0.20	cps
Cadmium	111-1	28639	29088	29503	29077	1.49	cps
Calcium	43-1	508031	515223	509535	510930	0.74	cps
Calcium	44-1	8025092	7987782	7948766	7987213	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	972198	959735	961739	964557	0.69	cps
Cobalt	59-2	1072787	1080803	1074733	1076108	0.39	cps
Copper	63-2	6594026	6572037	6535551	6567204	0.45	cps
Dysprosium	156-1	212720	215755	215990	214822	0.85	cps
Dysprosium	156-2	160744	161062	161782	161196	0.33	cps
Erbium	164-1	158363	162105	162435	160968	1.41	cps
Erbium	164-2	96708	96866	97293	96956	0.31	cps
Gadolinium	160-1	197199	201495	199301	199332	1.08	cps
Gadolinium	160-2	129666	130407	128554	129542	0.72	cps
Holmium	165-1	37478237	37656955	37575424	37570205	0.24	cps
Holmium	165-2	22483875	22556313	22418392	22486193	0.31	cps
Indium	115-1	32287543	32600494	32331354	32406464	0.52	cps
Indium	115-2	10387821	10158329	10286249	10277466	1.12	cps
Iron	56-2	1027002385	1016288972	1008525532	1017272296	0.91	cps
Iron	57-2	24963614	25128315	25138729	25076886	0.39	cps
Iron	54-2	56286742	55560859	55433264	55760289	0.83	cps
Krypton	83-1	797	690	680	722	8.95	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:21:11	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2850492	2912950	2927531	2896991	1.41	cps
Lead	207-1	2525194	2537281	2546432	2536302	0.42	cps
Lead	208-1	11585589	11794743	11743462	11707931	0.93	cps
Lithium	6-1	2707688	2696660	2570408	2658252	2.87	cps
Magnesium	24-2	16339083	16426036	16290363	16351827	0.42	cps
Manganese	55-2	17875192	17653917	17696247	17741785	0.66	cps
Molybdenum	94-1	266591	271157	274036	270595	1.39	cps
Molybdenum	95-1	21456	22050	22083	21863	1.62	cps
Molybdenum	96-1	77410	77179	77922	77504	0.49	cps
Molybdenum	97-1	14210	13953	13386	13850	3.04	cps
Molybdenum	98-1	34684	34975	35273	34977	0.84	cps
Neodymium	150-1	418829	428975	429972	425925	1.45	cps
Neodymium	150-2	220721	221829	221082	221210	0.26	cps
Nickel	60-2	390382	393373	392851	392202	0.41	cps
Phosphorus	31-2	57745	57815	57671	57744	0.12	cps
Potassium	39-2	9640448	9644794	9387177	9557473	1.54	cps
Rhodium	103-1	30782175	30742260	30713100	30745845	0.11	cps
Rhodium	103-2	17636620	17670218	17708396	17671745	0.20	cps
Scandium	45-1	17044471	17173428	16925142	17047680	0.73	cps
Scandium	45-2	1523757	1535710	1526403	1528623	0.41	cps
Selenium	82-1	2018	2176	2156	2117	4.05	cps
Selenium	77-2	880	790	850	840	5.46	cps
Selenium	78-2	1277	1290	1290	1286	0.60	cps
Silicon	28-1	60312542	61774117	61286231	61124297	1.22	cps
Silver	107-1	39985	41138	40744	40622	1.44	cps
Silver	109-1	38036	38371	39427	38611	1.88	cps
Sodium	23-2	306655	306952	304976	306194	0.35	cps
Strontium	86-1	608890	618561	616064	614505	0.82	cps
Strontium	88-1	5338358	5467476	5350151	5385328	1.33	cps
Sulfur	34-1	214412	216697	213994	215034	0.68	cps
Terbium	159-1	38720950	39218618	39027336	38988968	0.64	cps
Terbium	159-2	22712095	22932425	22755902	22800141	0.51	cps
Thallium	203-1	12182	11992	12442	12206	1.85	cps
Thallium	205-1	28116	28697	28717	28510	1.20	cps
Tin	118-1	88560	90935	89596	89697	1.33	cps
Titanium	47-1	3621341	3630989	3712030	3654787	1.36	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:21:11	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	98554	98856	99978	99129	0.76	cps
Vanadium	51-2	1902357	1841121	1851153	1864877	1.76	cps
Yttrium	89-1	45948133	45622104	45308378	45626205	0.70	cps
Yttrium	89-2	11132081	11174939	11023380	11110133	0.70	cps
Zinc	66-2	824937	831070	825120	827043	0.42	cps
Zirconium	90-1	683013	696240	696476	691910	1.11	cps
Zirconium	91-1	153644	156704	155895	155414	1.02	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-11	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:24:10	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20560579	20617706	20212162	20463482	1.07	cps
Antimony	121-1	95045	95135	94844	95008	0.16	cps
Arsenic	75-2	300956	300094	295861	298970	0.91	cps
Barium	135-1	3019913	3018347	2983136	3007132	0.69	cps
Barium	137-1	5210664	5278560	5210664	5233296	0.75	cps
Beryllium	9-1	3262	2950	3273	3161	5.79	cps
Bismuth	209-1	21507371	21668393	21942050	21705938	1.01	cps
Bismuth	209-2	14575913	14550251	14663989	14596718	0.41	cps
Bromine	81-1	26461	26500	26557	26506	0.18	cps
Bromine	81-2	1850	1657	1640	1716	6.80	cps
Cadmium	108-1	2344	2240	2347	2310	2.63	cps
Cadmium	106-1	14551	14297	14040	14296	1.79	cps
Cadmium	111-1	29079	30099	29481	29553	1.74	cps
Calcium	43-1	516395	505901	502418	508238	1.43	cps
Calcium	44-1	8074569	7896779	7941503	7970950	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	957689	955755	950320	954588	0.40	cps
Cobalt	59-2	1064056	1054782	1054006	1057614	0.53	cps
Copper	63-2	6441687	6555118	6471395	6489400	0.91	cps
Dysprosium	156-1	212825	214758	216437	214673	0.84	cps
Dysprosium	156-2	158321	160034	158411	158922	0.61	cps
Erbium	164-1	159766	161208	160173	160382	0.46	cps
Erbium	164-2	97561	96041	95316	96306	1.19	cps
Gadolinium	160-1	199105	200153	196813	198690	0.86	cps
Gadolinium	160-2	129738	127140	127998	128292	1.03	cps
Holmium	165-1	37242070	38081220	37759950	37694414	1.12	cps
Holmium	165-2	22559459	22549718	22279461	22462879	0.71	cps
Indium	115-1	31775995	31886762	32390085	32017614	1.02	cps
Indium	115-2	10107203	10194341	10020428	10107324	0.86	cps
Iron	56-2	1011315505	993504412	1000283505	1001701141	0.90	cps
Iron	57-2	24426125	24710419	24526501	24554349	0.59	cps
Iron	54-2	55064881	54651456	54964623	54893653	0.39	cps
Krypton	83-1	703	653	723	693	5.20	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-11	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:24:10	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2902067	2906642	2908041	2905583	0.11	cps
Lead	207-1	2597478	2571808	2581545	2583610	0.50	cps
Lead	208-1	11698126	11713941	11748661	11720243	0.22	cps
Lithium	6-1	2600115	2662743	2653544	2638801	1.28	cps
Magnesium	24-2	16155951	16190540	15998741	16115078	0.63	cps
Manganese	55-2	17834967	17818793	17595306	17749689	0.75	cps
Molybdenum	94-1	267117	266729	267083	266976	0.08	cps
Molybdenum	95-1	23092	23225	22918	23078	0.67	cps
Molybdenum	96-1	78395	78221	77313	77976	0.75	cps
Molybdenum	97-1	14651	14454	13883	14329	2.78	cps
Molybdenum	98-1	36355	36201	36439	36332	0.33	cps
Neodymium	150-1	425011	421817	422450	423093	0.40	cps
Neodymium	150-2	221282	218163	219907	219784	0.71	cps
Nickel	60-2	386862	386534	385376	386257	0.20	cps
Phosphorus	31-2	57845	56979	56711	57179	1.04	cps
Potassium	39-2	9478160	9383560	9265582	9375767	1.14	cps
Rhodium	103-1	30072043	30155784	30207105	30144977	0.23	cps
Rhodium	103-2	17341600	17473662	17280491	17365251	0.57	cps
Scandium	45-1	16808910	16833617	16666373	16769633	0.54	cps
Scandium	45-2	1513286	1515151	1505159	1511199	0.35	cps
Selenium	82-1	2156	2178	2103	2146	1.80	cps
Selenium	77-2	793	883	833	837	5.39	cps
Selenium	78-2	1423	1373	1223	1340	7.77	cps
Silicon	28-1	61437856	60838702	60483392	60919984	0.79	cps
Silver	107-1	40770	39965	40747	40494	1.13	cps
Silver	109-1	38755	38404	39681	38947	1.69	cps
Sodium	23-2	307725	309290	310808	309275	0.50	cps
Strontium	86-1	614480	611477	611996	612651	0.26	cps
Strontium	88-1	5398044	5371908	5371825	5380592	0.28	cps
Sulfur	34-1	215792	212303	214598	214231	0.83	cps
Terbium	159-1	38208680	39152481	38690909	38684023	1.22	cps
Terbium	159-2	22641776	22527874	22715681	22628444	0.42	cps
Thallium	203-1	12049	12406	12456	12303	1.80	cps
Thallium	205-1	28944	29028	29282	29085	0.60	cps
Tin	118-1	88302	89553	89153	89003	0.72	cps
Titanium	47-1	3627759	3586913	3607910	3607527	0.57	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-11	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:24:10	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	101197	99030	101698	100642	1.41	cps
Vanadium	51-2	1848687	1809331	1803264	1820427	1.35	cps
Yttrium	89-1	44606138	45216908	45227424	45016823	0.79	cps
Yttrium	89-2	10968768	11020771	10939702	10976413	0.37	cps
Zinc	66-2	819905	822633	814062	818866	0.53	cps
Zirconium	90-1	686588	687838	682335	685587	0.42	cps
Zirconium	91-1	154541	151358	151785	152561	1.13	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 02:27:09	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3994241	4093012	4009806	4032353	1.32	cps
Antimony	121-1	18682	18288	18619	18530	1.14	cps
Arsenic	75-2	61169	62025	60871	61355	0.98	cps
Barium	135-1	580704	579576	570844	577041	0.94	cps
Barium	137-1	1007257	1005074	1003141	1005157	0.20	cps
Beryllium	9-1	678	694	661	678	2.46	cps
Bismuth	209-1	21207844	21357711	21118602	21228052	0.57	cps
Bismuth	209-2	14653854	15091176	14874045	14873025	1.47	cps
Bromine	81-1	20898	20922	21576	21132	1.82	cps
Bromine	81-2	497	463	473	478	3.58	cps
Cadmium	108-1	433	447	487	456	6.09	cps
Cadmium	106-1	11425	11194	11254	11291	1.06	cps
Cadmium	111-1	6907	6454	6333	6565	4.61	cps
Calcium	43-1	100745	101436	99745	100642	0.84	cps
Calcium	44-1	1605702	1624293	1584770	1604922	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	184712	186633	185151	185499	0.54	cps
Cobalt	59-2	210115	208524	208348	208996	0.47	cps
Copper	63-2	1279128	1281738	1280133	1280333	0.10	cps
Dysprosium	156-1	40565	41056	40866	40829	0.61	cps
Dysprosium	156-2	30550	31612	30530	30897	2.00	cps
Erbium	164-1	30350	30974	31151	30825	1.37	cps
Erbium	164-2	18709	18516	18169	18465	1.48	cps
Gadolinium	160-1	38169	38513	38115	38266	0.56	cps
Gadolinium	160-2	25704	25356	24996	25352	1.40	cps
Holmium	165-1	37092178	37303470	37335057	37243568	0.35	cps
Holmium	165-2	22408080	22800720	22487858	22565553	0.92	cps
Indium	115-1	32636096	31855273	32199941	32230437	1.21	cps
Indium	115-2	10401171	10417217	10445618	10421335	0.22	cps
Iron	56-2	194157824	196594644	194466310	195072926	0.68	cps
Iron	57-2	4878742	4850205	4810904	4846617	0.70	cps
Iron	54-2	10756869	10628775	10744364	10710002	0.66	cps
Krypton	83-1	623	520	583	576	9.05	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 02:27:09	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	572837	567322	566287	568816	0.62	cps
Lead	207-1	504243	502574	498767	501861	0.56	cps
Lead	208-1	2298860	2286179	2272128	2285722	0.59	cps
Lithium	6-1	2698305	2755013	2670957	2708092	1.58	cps
Magnesium	24-2	3117537	3173780	3108467	3133261	1.13	cps
Manganese	55-2	3421640	3465378	3408685	3431901	0.87	cps
Molybdenum	94-1	52005	51567	51784	51786	0.42	cps
Molybdenum	95-1	4371	4291	4354	4338	0.97	cps
Molybdenum	96-1	15448	15872	15128	15483	2.41	cps
Molybdenum	97-1	2790	2814	2654	2753	3.14	cps
Molybdenum	98-1	6852	6895	6725	6824	1.30	cps
Neodymium	150-1	82231	81540	80780	81517	0.89	cps
Neodymium	150-2	42514	42089	43216	42606	1.34	cps
Nickel	60-2	77066	76353	76491	76637	0.49	cps
Phosphorus	31-2	11788	11661	10854	11434	4.43	cps
Potassium	39-2	1901147	1876258	1902294	1893233	0.78	cps
Rhodium	103-1	31386969	31413110	30937922	31246000	0.85	cps
Rhodium	103-2	17896549	17810754	17833878	17847060	0.25	cps
Scandium	45-1	16390017	16413547	16357225	16386930	0.17	cps
Scandium	45-2	1466390	1468773	1467494	1467552	0.08	cps
Selenium	82-1	1519	1697	1467	1561	7.73	cps
Selenium	77-2	133	183	190	169	18.34	cps
Selenium	78-2	727	817	747	763	6.19	cps
Silicon	28-1	13073946	13106662	12960330	13046979	0.59	cps
Silver	107-1	7942	7952	7645	7847	2.22	cps
Silver	109-1	7585	7779	7539	7634	1.67	cps
Sodium	23-2	114216	113575	113817	113869	0.28	cps
Strontium	86-1	119805	119348	118445	119200	0.58	cps
Strontium	88-1	1047269	1035906	1039459	1040878	0.56	cps
Sulfur	34-1	201841	201514	198576	200643	0.90	cps
Terbium	159-1	38272914	38490054	38599373	38454114	0.43	cps
Terbium	159-2	22950450	23178591	22609536	22912859	1.25	cps
Thallium	203-1	2637	2754	2730	2707	2.28	cps
Thallium	205-1	6475	6682	6272	6476	3.17	cps
Tin	118-1	20211	19967	20311	20163	0.88	cps
Titanium	47-1	711622	714011	705060	710231	0.65	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 02:27:09	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19107	19040	19024	19057	0.23	cps
Vanadium	51-2	349563	350410	347785	349253	0.38	cps
Yttrium	89-1	43834119	43540966	43485794	43620293	0.43	cps
Yttrium	89-2	10567396	10681168	10705914	10651493	0.69	cps
Zinc	66-2	163828	164545	164195	164189	0.22	cps
Zirconium	90-1	134539	133776	133414	133910	0.43	cps
Zirconium	91-1	29864	30405	29590	29953	1.38	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-12	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:30:18	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21229508	21302868	20994108	21175495	0.76	cps
Antimony	121-1	1731687	1731855	1790406	1751316	1.93	cps
Arsenic	75-2	341584	340230	337327	339714	0.64	cps
Barium	135-1	10773190	10909166	11037607	10906654	1.21	cps
Barium	137-1	18882677	18880539	18677661	18813626	0.63	cps
Beryllium	9-1	65633	64924	64171	64909	1.13	cps
Bismuth	209-1	21434549	21485622	21425996	21448722	0.15	cps
Bismuth	209-2	14363631	14512041	14273910	14383194	0.84	cps
Bromine	81-1	26203	26828	26307	26446	1.27	cps
Bromine	81-2	1657	1600	1637	1631	1.76	cps
Cadmium	108-1	17083	16456	16690	16743	1.89	cps
Cadmium	106-1	34173	34595	34210	34326	0.68	cps
Cadmium	111-1	236015	238888	237384	237429	0.61	cps
Calcium	43-1	519249	513329	507740	513439	1.12	cps
Calcium	44-1	8187471	8142261	8054935	8128222	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2289835	2275909	2262847	2276197	0.59	cps
Cobalt	59-2	7123859	7137446	7041528	7100944	0.73	cps
Copper	63-2	8397322	8319036	8409763	8375374	0.59	cps
Dysprosium	156-1	212849	216882	215019	214917	0.94	cps
Dysprosium	156-2	160054	161551	160451	160685	0.48	cps
Erbium	164-1	161282	161141	161252	161225	0.05	cps
Erbium	164-2	97215	95440	95356	96004	1.09	cps
Gadolinium	160-1	199628	202201	200313	200714	0.66	cps
Gadolinium	160-2	129640	129327	128799	129255	0.33	cps
Holmium	165-1	37708082	37741977	37551344	37667134	0.27	cps
Holmium	165-2	22443290	22238400	22083875	22255188	0.81	cps
Indium	115-1	31673854	31467463	31671556	31604291	0.37	cps
Indium	115-2	9928580	9889605	9840129	9886105	0.45	cps
Iron	56-2	999802785	1011799532	997527505	1003043274	0.76	cps
Iron	57-2	24907171	24726028	24310755	24647985	1.24	cps
Iron	54-2	55385604	55256384	54399718	55013902	0.97	cps
Krypton	83-1	687	777	630	698	10.60	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-12	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:30:18	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3099802	3086559	3110518	3098960	0.39	cps
Lead	207-1	2773384	2743656	2765043	2760695	0.56	cps
Lead	208-1	12620646	12607212	12630667	12619508	0.09	cps
Lithium	6-1	2768552	2695870	2653999	2706140	2.14	cps
Magnesium	24-2	16265222	16144929	16103067	16171073	0.52	cps
Manganese	55-2	19996918	19790888	19570728	19786178	1.08	cps
Molybdenum	94-1	270675	268241	266797	268571	0.73	cps
Molybdenum	95-1	22230	21870	22153	22085	0.86	cps
Molybdenum	96-1	77209	77222	77705	77379	0.37	cps
Molybdenum	97-1	13800	13957	13370	13709	2.22	cps
Molybdenum	98-1	34758	35052	35029	34946	0.47	cps
Neodymium	150-1	425975	428288	424535	426266	0.44	cps
Neodymium	150-2	220901	222453	219114	220823	0.76	cps
Nickel	60-2	1809155	1806213	1774462	1796610	1.07	cps
Phosphorus	31-2	56521	56591	55744	56285	0.83	cps
Potassium	39-2	9201769	9357767	9196923	9252153	0.99	cps
Rhodium	103-1	29995861	30122325	30091236	30069807	0.22	cps
Rhodium	103-2	17296405	17158203	17046336	17166981	0.73	cps
Scandium	45-1	16750822	16765270	16389387	16635160	1.28	cps
Scandium	45-2	1481308	1510099	1486728	1492712	1.02	cps
Selenium	82-1	30195	29297	29696	29729	1.51	cps
Selenium	77-2	3681	3450	3324	3485	5.19	cps
Selenium	78-2	10037	9777	10187	10000	2.08	cps
Silicon	28-1	61950091	61144882	61117702	61404225	0.77	cps
Silver	107-1	951581	958335	953649	954522	0.36	cps
Silver	109-1	919308	917118	906968	914465	0.72	cps
Sodium	23-2	294042	293045	293464	293517	0.17	cps
Strontium	86-1	614899	614744	612515	614053	0.22	cps
Strontium	88-1	5421881	5320828	5326213	5356308	1.06	cps
Sulfur	34-1	219292	216883	214562	216912	1.09	cps
Terbium	159-1	38392937	38441439	38779573	38537983	0.55	cps
Terbium	159-2	22757122	22433051	22190865	22460346	1.26	cps
Thallium	203-1	718984	729966	728279	725743	0.81	cps
Thallium	205-1	1707242	1708648	1712866	1709586	0.17	cps
Tin	118-1	88838	90065	89321	89408	0.69	cps
Titanium	47-1	3724073	3717981	3648883	3696979	1.13	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-12	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:30:18	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	99239	99900	99662	99601	0.34	cps
Vanadium	51-2	4690501	4602779	4620186	4637822	1.00	cps
Yttrium	89-1	44763218	44809763	44552208	44708396	0.31	cps
Yttrium	89-2	10929741	10807411	10593675	10776942	1.58	cps
Zinc	66-2	1442075	1429825	1416247	1429383	0.90	cps
Zirconium	90-1	687883	690553	686535	688324	0.30	cps
Zirconium	91-1	153274	154750	154197	154074	0.48	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10MS	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:33:13	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22217453	22311553	22035095	22188034	0.63	cps
Antimony	121-1	7706588	7750634	7670812	7709345	0.52	cps
Arsenic	75-2	442750	438861	435853	439155	0.79	cps
Barium	135-1	40422920	40733069	40024315	40393435	0.88	cps
Barium	137-1	70201089	70165404	69763141	70043211	0.35	cps
Beryllium	9-1	294181	290011	287557	290583	1.15	cps
Bismuth	209-1	20927839	22533651	21592283	21684591	3.72	cps
Bismuth	209-2	14554227	14379468	14475391	14469695	0.60	cps
Bromine	81-1	24420	25245	25185	24950	1.84	cps
Bromine	81-2	1527	1683	1550	1587	5.33	cps
Cadmium	108-1	70899	68929	69576	69801	1.44	cps
Cadmium	106-1	106607	107195	106342	106715	0.41	cps
Cadmium	111-1	998218	997459	995969	997215	0.11	cps
Calcium	43-1	483100	480487	477259	480282	0.61	cps
Calcium	44-1	8148353	8029742	7849119	8009072	1.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7188207	7069662	7072023	7109964	0.95	cps
Cobalt	59-2	29647240	29570951	29351739	29523310	0.52	cps
Copper	63-2	15088400	15253057	15043341	15128266	0.73	cps
Dysprosium	156-1	203543	203533	201631	202902	0.54	cps
Dysprosium	156-2	153020	152157	150877	152018	0.71	cps
Erbium	164-1	151359	151144	149878	150794	0.53	cps
Erbium	164-2	92628	91463	90762	91618	1.03	cps
Gadolinium	160-1	188686	188741	189261	188896	0.17	cps
Gadolinium	160-2	120819	121169	121475	121154	0.27	cps
Holmium	165-1	36612970	39260765	37363022	37745586	3.62	cps
Holmium	165-2	22314633	22089499	21873306	22092479	1.00	cps
Indium	115-1	30853721	33080146	31317097	31750321	3.70	cps
Indium	115-2	10029063	10031539	9739118	9933240	1.69	cps
Iron	56-2	970627959	969479932	960081292	966729728	0.60	cps
Iron	57-2	23758085	23952183	23657419	23789229	0.63	cps
Iron	54-2	53515838	52931196	53357603	53268212	0.57	cps
Krypton	83-1	660	570	697	642	10.15	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10MS	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:33:13	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3843054	3861394	3853895	3852781	0.24	cps
Lead	207-1	3404694	3373674	3401021	3393130	0.50	cps
Lead	208-1	15474233	15439808	15490634	15468225	0.17	cps
Lithium	6-1	2553687	2758141	2578784	2630204	4.24	cps
Magnesium	24-2	15462658	15121535	15335313	15306502	1.13	cps
Manganese	55-2	27764251	27274359	27474367	27504326	0.90	cps
Molybdenum	94-1	250831	251349	250991	251057	0.11	cps
Molybdenum	95-1	21519	21245	21049	21271	1.11	cps
Molybdenum	96-1	72127	73272	73249	72883	0.90	cps
Molybdenum	97-1	13276	13189	12746	13070	2.18	cps
Molybdenum	98-1	34631	34150	34220	34334	0.76	cps
Neodymium	150-1	401874	400423	402399	401565	0.25	cps
Neodymium	150-2	209227	207575	204115	206972	1.26	cps
Nickel	60-2	7062576	7028055	6998301	7029644	0.46	cps
Phosphorus	31-2	53149	52279	52443	52623	0.88	cps
Potassium	39-2	8656733	8660728	8481731	8599730	1.19	cps
Rhodium	103-1	29037852	31291386	29789426	30039555	3.82	cps
Rhodium	103-2	17367444	17039072	16799022	17068513	1.67	cps
Scandium	45-1	16346224	17291510	16310179	16649304	3.34	cps
Scandium	45-2	1487369	1451670	1422044	1453694	2.25	cps
Selenium	82-1	135727	135559	135277	135521	0.17	cps
Selenium	77-2	13119	13169	13396	13228	1.12	cps
Selenium	78-2	43393	42915	41715	42675	2.03	cps
Silicon	28-1	58361812	57278259	56812084	57484052	1.38	cps
Silver	107-1	4328714	4278359	4284826	4297300	0.64	cps
Silver	109-1	4142273	4135898	4213865	4164012	1.04	cps
Sodium	23-2	279048	281716	277800	279521	0.72	cps
Strontium	86-1	578088	570424	573152	573888	0.68	cps
Strontium	88-1	5039613	4971472	4998463	5003183	0.69	cps
Sulfur	34-1	210652	205130	204922	206901	1.57	cps
Terbium	159-1	37400329	39861599	38406194	38556041	3.21	cps
Terbium	159-2	22807633	22592147	22281633	22560471	1.17	cps
Thallium	203-1	3295969	3277436	3303527	3292311	0.41	cps
Thallium	205-1	7891129	7898128	7912776	7900678	0.14	cps
Tin	118-1	83289	84610	82971	83623	1.04	cps
Titanium	47-1	3501565	3446408	3339808	3429260	2.40	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10MS	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:33:13	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	93817	93951	94630	94133	0.46	cps
Vanadium	51-2	15078856	14999311	14915267	14997811	0.55	cps
Yttrium	89-1	43100954	46068161	44103883	44424333	3.40	cps
Yttrium	89-2	10847074	10584073	10673033	10701393	1.25	cps
Zinc	66-2	3609674	3605287	3629476	3614813	0.36	cps
Zirconium	90-1	643822	647158	647865	646282	0.33	cps
Zirconium	91-1	146618	143544	144133	144765	1.13	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-13	Instrumnet Name :	P7
Client Sample ID :	MYE4Z7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:36:02	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21209135	21111060	20956074	21092089	0.60	cps
Antimony	121-1	73681	74602	74649	74311	0.73	cps
Arsenic	75-2	191795	190526	191201	191174	0.33	cps
Barium	135-1	2911758	2982897	2905309	2933321	1.47	cps
Barium	137-1	5038924	5079017	5017791	5045244	0.62	cps
Beryllium	9-1	3128	2811	3061	3000	5.57	cps
Bismuth	209-1	22034746	21182016	21447285	21554682	2.02	cps
Bismuth	209-2	14502343	14444693	14388189	14445075	0.40	cps
Bromine	81-1	24200	24771	25876	24949	3.42	cps
Bromine	81-2	1713	1740	1780	1745	1.92	cps
Cadmium	108-1	1990	2174	1993	2052	5.11	cps
Cadmium	106-1	14184	13163	13366	13571	3.98	cps
Cadmium	111-1	25781	25605	26044	25810	0.86	cps
Calcium	43-1	577890	582459	575076	578475	0.64	cps
Calcium	44-1	9125158	9157434	8902759	9061784	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	885595	886894	877726	883405	0.56	cps
Cobalt	59-2	974938	968668	969741	971116	0.35	cps
Copper	63-2	5291059	5180225	5196098	5222461	1.15	cps
Dysprosium	156-1	184888	186860	189382	187043	1.20	cps
Dysprosium	156-2	141716	138663	141737	140705	1.26	cps
Erbium	164-1	142671	146660	144801	144711	1.38	cps
Erbium	164-2	87636	86985	87120	87247	0.39	cps
Gadolinium	160-1	174918	180109	179055	178028	1.54	cps
Gadolinium	160-2	116113	115451	114459	115341	0.72	cps
Holmium	165-1	38134179	37287286	37285264	37568910	1.30	cps
Holmium	165-2	22254222	21898068	21942847	22031712	0.88	cps
Indium	115-1	32262412	31176522	31186525	31541820	1.98	cps
Indium	115-2	9953943	9840662	9889012	9894539	0.57	cps
Iron	56-2	878544627	870672680	854310281	867842529	1.42	cps
Iron	57-2	21403826	21195161	21230674	21276553	0.52	cps
Iron	54-2	47918088	47625844	46673726	47405886	1.37	cps
Krypton	83-1	640	620	667	642	3.65	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-13	Instrumnet Name :	P7
Client Sample ID :	MYE4Z7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:36:02	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2529852	2593398	2618328	2580526	1.77	cps
Lead	207-1	2279642	2267331	2293476	2280150	0.57	cps
Lead	208-1	10329517	10416639	10504082	10416746	0.84	cps
Lithium	6-1	2692104	2598167	2603426	2631232	2.01	cps
Magnesium	24-2	15706704	15516479	15533397	15585527	0.68	cps
Manganese	55-2	15430399	15472682	15133302	15345461	1.21	cps
Molybdenum	94-1	234143	237041	235760	235648	0.62	cps
Molybdenum	95-1	18735	18779	18772	18762	0.12	cps
Molybdenum	96-1	66139	67800	67645	67195	1.37	cps
Molybdenum	97-1	11932	12072	11605	11869	2.02	cps
Molybdenum	98-1	29633	30425	30622	30227	1.73	cps
Neodymium	150-1	364815	371590	372014	369473	1.09	cps
Neodymium	150-2	195221	190396	193480	193032	1.27	cps
Nickel	60-2	360755	357451	356579	358262	0.61	cps
Phosphorus	31-2	63916	64405	62979	63766	1.14	cps
Potassium	39-2	9064113	9209610	9038644	9104122	1.01	cps
Rhodium	103-1	30393259	29731704	29401998	29842320	1.69	cps
Rhodium	103-2	17181888	16965138	16947312	17031446	0.77	cps
Scandium	45-1	17104157	16092360	15941444	16379320	3.86	cps
Scandium	45-2	1474900	1511174	1466315	1484130	1.60	cps
Selenium	82-1	1982	2031	1999	2004	1.23	cps
Selenium	77-2	700	790	740	743	6.07	cps
Selenium	78-2	1207	1143	1210	1187	3.17	cps
Silicon	28-1	66528904	68114142	67082636	67241894	1.20	cps
Silver	107-1	36095	36162	35082	35780	1.69	cps
Silver	109-1	34331	34120	34067	34172	0.41	cps
Sodium	23-2	295954	298353	298376	297561	0.47	cps
Strontium	86-1	606000	619932	610788	612240	1.16	cps
Strontium	88-1	5304523	5385697	5342586	5344269	0.76	cps
Sulfur	34-1	226040	223003	221434	223492	1.05	cps
Terbium	159-1	39308879	37790082	37744642	38281201	2.33	cps
Terbium	159-2	22444279	22316577	22326303	22362386	0.32	cps
Thallium	203-1	10861	10728	10828	10805	0.64	cps
Thallium	205-1	25073	26239	25925	25746	2.34	cps
Tin	118-1	96500	99074	98329	97968	1.35	cps
Titanium	47-1	3008631	3002723	2988513	2999956	0.34	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-13	Instrumnet Name :	P7
Client Sample ID :	MYE4Z7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:36:02	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	81008	84193	83080	82760	1.95	cps
Vanadium	51-2	1603201	1613860	1576348	1597803	1.21	cps
Yttrium	89-1	45244638	43407221	43082209	43911356	2.66	cps
Yttrium	89-2	10813785	10645907	10707740	10722477	0.79	cps
Zinc	66-2	828329	817617	822861	822936	0.65	cps
Zirconium	90-1	599813	613312	610939	608022	1.19	cps
Zirconium	91-1	134587	136352	137053	135997	0.93	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Z8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:39:02	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25147011	25129569	24997991	25091524	0.32	cps
Antimony	121-1	70539	70187	71185	70637	0.72	cps
Arsenic	75-2	228696	231651	227415	229254	0.95	cps
Barium	135-1	4308778	4324992	4290593	4308121	0.40	cps
Barium	137-1	7378218	7486648	7351557	7405474	0.97	cps
Beryllium	9-1	3856	3945	3523	3775	5.90	cps
Bismuth	209-1	21692556	21144284	21370199	21402346	1.29	cps
Bismuth	209-2	14586694	14294014	14323796	14401502	1.12	cps
Bromine	81-1	25469	26657	25806	25977	2.36	cps
Bromine	81-2	1643	1697	1870	1737	6.82	cps
Cadmium	108-1	2040	2023	1943	2002	2.58	cps
Cadmium	106-1	14200	13630	13797	13876	2.11	cps
Cadmium	111-1	26020	26049	26257	26109	0.49	cps
Calcium	43-1	695910	707353	701125	701463	0.82	cps
Calcium	44-1	10949891	11035044	10915403	10966779	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1144327	1144394	1135176	1141299	0.46	cps
Cobalt	59-2	1185526	1193070	1175335	1184644	0.75	cps
Copper	63-2	5470247	5554736	5461291	5495425	0.94	cps
Dysprosium	156-1	228412	231260	231170	230281	0.70	cps
Dysprosium	156-2	172562	173258	173281	173034	0.24	cps
Erbium	164-1	178779	177428	180227	178811	0.78	cps
Erbium	164-2	109072	107100	107436	107869	0.98	cps
Gadolinium	160-1	214414	219049	216569	216677	1.07	cps
Gadolinium	160-2	140186	140312	139867	140122	0.16	cps
Holmium	165-1	37736159	37302954	37241135	37426749	0.72	cps
Holmium	165-2	22505796	22143256	22149261	22266105	0.93	cps
Indium	115-1	31499467	30859878	30820581	31059975	1.23	cps
Indium	115-2	9982222	9813597	9928240	9908020	0.87	cps
Iron	56-2	1081880384	1072752517	1077703584	1077445495	0.42	cps
Iron	57-2	26837367	26668415	26467141	26657641	0.70	cps
Iron	54-2	59547967	58834789	59132336	59171697	0.61	cps
Krypton	83-1	657	877	610	714	19.93	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Z8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:39:02	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2455632	2414732	2423199	2431188	0.89	cps
Lead	207-1	2149990	2155036	2162792	2155939	0.30	cps
Lead	208-1	9924275	9833566	9822320	9860054	0.57	cps
Lithium	6-1	2698521	2633155	2561934	2631203	2.60	cps
Magnesium	24-2	19688071	19601013	19489896	19592993	0.51	cps
Manganese	55-2	23289790	23098926	23192238	23193652	0.41	cps
Molybdenum	94-1	293699	297209	297054	295988	0.67	cps
Molybdenum	95-1	20952	21085	20915	20984	0.43	cps
Molybdenum	96-1	81184	81412	80996	81197	0.26	cps
Molybdenum	97-1	12769	13136	13076	12994	1.52	cps
Molybdenum	98-1	32931	33599	32954	33161	1.14	cps
Neodymium	150-1	452041	456963	451766	453590	0.64	cps
Neodymium	150-2	237023	235288	235016	235775	0.46	cps
Nickel	60-2	489142	492083	487222	489482	0.50	cps
Phosphorus	31-2	72852	71734	71081	71889	1.25	cps
Potassium	39-2	11065124	11004468	10835959	10968517	1.08	cps
Rhodium	103-1	29813165	29448685	29210566	29490805	1.03	cps
Rhodium	103-2	17081022	16886097	16906011	16957710	0.63	cps
Scandium	45-1	16548404	16484570	16068074	16367016	1.59	cps
Scandium	45-2	1476527	1482237	1456692	1471819	0.91	cps
Selenium	82-1	2356	2042	2303	2234	7.52	cps
Selenium	77-2	867	890	883	880	1.37	cps
Selenium	78-2	1303	1213	1270	1262	3.61	cps
Silicon	28-1	62613926	63572286	63006149	63064120	0.76	cps
Silver	107-1	31658	31641	31451	31583	0.36	cps
Silver	109-1	30041	29533	29794	29790	0.85	cps
Sodium	23-2	313753	317034	314721	315169	0.53	cps
Strontium	86-1	761402	761772	761692	761622	0.03	cps
Strontium	88-1	6722799	6659004	6660732	6680845	0.54	cps
Sulfur	34-1	240019	240391	239555	239989	0.17	cps
Terbium	159-1	38633884	38312419	37976896	38307733	0.86	cps
Terbium	159-2	22497756	22339691	22530166	22455871	0.45	cps
Thallium	203-1	11698	11652	11555	11635	0.63	cps
Thallium	205-1	27221	27561	27715	27499	0.92	cps
Tin	118-1	92400	93199	92350	92650	0.51	cps
Titanium	47-1	3311770	3358496	3309461	3326576	0.83	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Z8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:39:02	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	94008	94609	95345	94654	0.71	cps
Vanadium	51-2	2035207	2021170	1995368	2017248	1.00	cps
Yttrium	89-1	44565376	44240921	43782608	44196302	0.89	cps
Yttrium	89-2	10860963	10842102	10831098	10844721	0.14	cps
Zinc	66-2	813890	819835	817003	816909	0.36	cps
Zirconium	90-1	759867	771134	764094	765031	0.74	cps
Zirconium	91-1	174231	172858	171671	172920	0.74	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Z9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:42:02	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24609755	24346547	24682368	24546224	0.72	cps
Antimony	121-1	86689	86035	86904	86543	0.52	cps
Arsenic	75-2	283640	284148	281873	283220	0.42	cps
Barium	135-1	4065274	4048599	4029161	4047678	0.45	cps
Barium	137-1	7081851	7045333	7079751	7068978	0.29	cps
Beryllium	9-1	4367	4117	4101	4195	3.56	cps
Bismuth	209-1	21335546	21492136	21207656	21345113	0.67	cps
Bismuth	209-2	14130911	14301632	14157467	14196670	0.65	cps
Bromine	81-1	26160	25963	26330	26151	0.70	cps
Bromine	81-2	1833	1843	1820	1832	0.64	cps
Cadmium	108-1	2267	2367	1917	2184	10.82	cps
Cadmium	106-1	14170	14247	13890	14102	1.33	cps
Cadmium	111-1	27075	26719	27159	26984	0.87	cps
Calcium	43-1	646727	639820	637884	641477	0.72	cps
Calcium	44-1	10055229	10038943	9915992	10003388	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1395809	1436090	1395229	1409043	1.66	cps
Cobalt	59-2	1518618	1517073	1514078	1516590	0.15	cps
Copper	63-2	4963383	4865321	4900117	4909607	1.01	cps
Dysprosium	156-1	270524	269681	271360	270522	0.31	cps
Dysprosium	156-2	201903	203225	201642	202257	0.42	cps
Erbium	164-1	208520	209998	207492	208670	0.60	cps
Erbium	164-2	127670	125118	126433	126407	1.01	cps
Gadolinium	160-1	251910	250558	253014	251827	0.49	cps
Gadolinium	160-2	163576	163178	162548	163101	0.32	cps
Holmium	165-1	36823178	37371579	37501747	37232168	0.97	cps
Holmium	165-2	22213293	22228487	21758241	22066674	1.21	cps
Indium	115-1	31168791	31114676	31051178	31111548	0.19	cps
Indium	115-2	10056973	9973516	9819698	9950062	1.21	cps
Iron	56-2	1355758166	1332500780	1349172807	1345810584	0.89	cps
Iron	57-2	33592513	33242852	33176120	33337161	0.67	cps
Iron	54-2	73964351	74044749	73745672	73918257	0.21	cps
Krypton	83-1	810	747	817	791	4.88	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Z9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:42:02	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2262183	2232551	2233045	2242593	0.76	cps
Lead	207-1	1956299	1956265	1918582	1943716	1.12	cps
Lead	208-1	8990762	8948605	8924074	8954480	0.38	cps
Lithium	6-1	2658652	2595061	2619086	2624266	1.22	cps
Magnesium	24-2	19686144	19739901	19793840	19739961	0.27	cps
Manganese	55-2	23101821	22851311	22996670	22983267	0.55	cps
Molybdenum	94-1	280323	275880	275469	277224	0.97	cps
Molybdenum	95-1	24541	24120	23920	24193	1.31	cps
Molybdenum	96-1	83610	83698	83161	83490	0.34	cps
Molybdenum	97-1	14971	14561	14674	14735	1.44	cps
Molybdenum	98-1	37351	37384	37418	37384	0.09	cps
Neodymium	150-1	530741	526165	526730	527879	0.47	cps
Neodymium	150-2	274147	274519	274909	274525	0.14	cps
Nickel	60-2	574028	574443	571277	573249	0.30	cps
Phosphorus	31-2	65289	64780	65777	65282	0.76	cps
Potassium	39-2	10591123	10403919	10369637	10454893	1.14	cps
Rhodium	103-1	29630485	29353256	29224005	29402582	0.71	cps
Rhodium	103-2	17125025	17171782	16963909	17086906	0.64	cps
Scandium	45-1	16554654	16569509	16342201	16488788	0.77	cps
Scandium	45-2	1479003	1496709	1460618	1478777	1.22	cps
Selenium	82-1	2157	2334	2148	2213	4.74	cps
Selenium	77-2	960	1017	903	960	5.90	cps
Selenium	78-2	1527	1403	1303	1411	7.93	cps
Silicon	28-1	61806946	61946327	60914606	61555960	0.91	cps
Silver	107-1	25102	24828	24995	24975	0.55	cps
Silver	109-1	23669	23933	23506	23703	0.91	cps
Sodium	23-2	308151	308603	310590	309114	0.42	cps
Strontium	86-1	782977	784671	773608	780419	0.76	cps
Strontium	88-1	6812713	6876911	6719629	6803084	1.16	cps
Sulfur	34-1	229528	228438	226998	228321	0.56	cps
Terbium	159-1	38337114	38591844	38315296	38414752	0.40	cps
Terbium	159-2	22319787	22407157	22694784	22473909	0.87	cps
Thallium	203-1	16634	17238	16894	16922	1.79	cps
Thallium	205-1	40266	39698	39290	39751	1.23	cps
Tin	118-1	80775	80691	80310	80592	0.31	cps
Titanium	47-1	4053734	4036137	4000774	4030215	0.67	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Z9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:42:02	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	116678	115815	115542	116012	0.51	cps
Vanadium	51-2	2528452	2545873	2497345	2523890	0.97	cps
Yttrium	89-1	44027494	44570846	43891133	44163158	0.81	cps
Yttrium	89-2	10955155	10805471	10879433	10880020	0.69	cps
Zinc	66-2	820747	810152	811294	814065	0.71	cps
Zirconium	90-1	714362	712838	710667	712622	0.26	cps
Zirconium	91-1	158481	159856	156454	158264	1.08	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-16	Instrumnet Name :	P7
Client Sample ID :	MYE500	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:45:01	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16932825	16865947	16524258	16774343	1.31	cps
Antimony	121-1	87021	88473	88114	87870	0.86	cps
Arsenic	75-2	213685	213783	211698	213055	0.55	cps
Barium	135-1	2931086	2931270	2969557	2943971	0.75	cps
Barium	137-1	5056336	5160437	5038169	5084981	1.30	cps
Beryllium	9-1	2823	2661	2595	2693	4.35	cps
Bismuth	209-1	21651326	21696010	21669246	21672194	0.10	cps
Bismuth	209-2	14485214	14464756	14543862	14497944	0.28	cps
Bromine	81-1	24771	24988	24510	24756	0.97	cps
Bromine	81-2	1377	1407	1417	1400	1.49	cps
Cadmium	108-1	1663	1630	1600	1631	1.94	cps
Cadmium	106-1	13927	13203	13490	13540	2.69	cps
Cadmium	111-1	20260	20548	20394	20401	0.71	cps
Calcium	43-1	413333	413936	406772	411347	0.97	cps
Calcium	44-1	6461059	6458350	6410137	6443182	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	855757	850762	842490	849669	0.79	cps
Cobalt	59-2	959730	963006	959200	960645	0.21	cps
Copper	63-2	3333978	3274144	3297248	3301790	0.91	cps
Dysprosium	156-1	182358	184921	183949	183743	0.70	cps
Dysprosium	156-2	138633	136526	135914	137024	1.04	cps
Erbium	164-1	137276	138215	138521	138004	0.47	cps
Erbium	164-2	82612	83514	81476	82534	1.24	cps
Gadolinium	160-1	166689	167432	167532	167218	0.28	cps
Gadolinium	160-2	107867	106887	107015	107257	0.50	cps
Holmium	165-1	37888208	37808240	37772784	37823077	0.16	cps
Holmium	165-2	22259045	22497561	22157554	22304720	0.78	cps
Indium	115-1	31881702	32046940	32085119	32004587	0.34	cps
Indium	115-2	10006788	9897611	9905569	9936656	0.61	cps
Iron	56-2	858987347	866942387	856465214	860798316	0.64	cps
Iron	57-2	21009358	21305474	21168418	21161083	0.70	cps
Iron	54-2	47142121	47034184	47189521	47121942	0.17	cps
Krypton	83-1	633	697	637	656	5.44	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-16	Instrumnet Name :	P7
Client Sample ID :	MYE500	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:45:01	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1880989	1865208	1873838	1873345	0.42	cps
Lead	207-1	1666977	1698727	1682500	1682734	0.94	cps
Lead	208-1	7536991	7632757	7628398	7599382	0.71	cps
Lithium	6-1	2732644	2624475	2562453	2639857	3.26	cps
Magnesium	24-2	15080804	14915006	14666458	14887423	1.40	cps
Manganese	55-2	16552094	16460687	16338403	16450395	0.65	cps
Molybdenum	94-1	247542	253433	251064	250679	1.18	cps
Molybdenum	95-1	19333	19033	19336	19234	0.91	cps
Molybdenum	96-1	69715	69762	69601	69693	0.12	cps
Molybdenum	97-1	12145	12108	11848	12034	1.34	cps
Molybdenum	98-1	30298	30038	29784	30040	0.86	cps
Neodymium	150-1	357558	361928	359488	359658	0.61	cps
Neodymium	150-2	189565	186676	185317	187186	1.16	cps
Nickel	60-2	411546	411297	408466	410437	0.42	cps
Phosphorus	31-2	48831	48694	47828	48451	1.12	cps
Potassium	39-2	7039104	6945097	6952736	6978979	0.75	cps
Rhodium	103-1	30468191	30248702	30063497	30260130	0.67	cps
Rhodium	103-2	17147798	17199714	17217189	17188234	0.21	cps
Scandium	45-1	16555551	16361794	16159739	16359028	1.21	cps
Scandium	45-2	1481036	1506553	1469599	1485729	1.27	cps
Selenium	82-1	2164	1948	2019	2044	5.40	cps
Selenium	77-2	663	647	747	686	7.81	cps
Selenium	78-2	1120	1223	1147	1163	4.61	cps
Silicon	28-1	56220366	56551424	55905034	56225608	0.57	cps
Silver	107-1	18902	18919	19079	18967	0.51	cps
Silver	109-1	17694	18175	18115	17995	1.46	cps
Sodium	23-2	236979	236490	238599	237356	0.47	cps
Strontium	86-1	549828	553981	551007	551605	0.39	cps
Strontium	88-1	4862066	4854417	4836316	4850933	0.27	cps
Sulfur	34-1	217772	216887	215314	216658	0.57	cps
Terbium	159-1	39084021	38824191	38854569	38920927	0.36	cps
Terbium	159-2	22533940	22800985	22308202	22547709	1.09	cps
Thallium	203-1	11168	11205	11095	11156	0.50	cps
Thallium	205-1	26606	26790	26963	26786	0.67	cps
Tin	118-1	68247	69249	68100	68532	0.91	cps
Titanium	47-1	3130547	3149093	3101956	3127199	0.76	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-16	Instrumnet Name :	P7
Client Sample ID :	MYE500	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:45:01	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	85653	87911	87505	87023	1.38	cps
Vanadium	51-2	1723804	1712350	1710006	1715387	0.43	cps
Yttrium	89-1	44663241	44327353	43682334	44224309	1.13	cps
Yttrium	89-2	10909152	10683320	10750321	10780931	1.08	cps
Zinc	66-2	621629	615061	616481	617724	0.56	cps
Zirconium	90-1	644346	652602	653820	650256	0.79	cps
Zirconium	91-1	143590	145493	144113	144399	0.68	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-17	Instrumnet Name :	P7
Client Sample ID :	MYE501	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:48:00	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27105115	27453150	27118721	27225662	0.72	cps
Antimony	121-1	90519	90110	90566	90398	0.28	cps
Arsenic	75-2	302697	301262	305414	303124	0.70	cps
Barium	135-1	4728739	4666997	4689199	4694979	0.67	cps
Barium	137-1	8032379	8092315	8125001	8083232	0.58	cps
Beryllium	9-1	4356	3873	4039	4089	6.01	cps
Bismuth	209-1	21329365	21600941	21524519	21484942	0.65	cps
Bismuth	209-2	14287521	14382694	14374952	14348389	0.37	cps
Bromine	81-1	30565	31216	30982	30921	1.07	cps
Bromine	81-2	2400	2820	2570	2597	8.14	cps
Cadmium	108-1	2747	2814	2704	2755	2.01	cps
Cadmium	106-1	15812	15298	15552	15554	1.65	cps
Cadmium	111-1	34479	34699	33844	34341	1.29	cps
Calcium	43-1	735698	731129	722499	729776	0.92	cps
Calcium	44-1	11483914	11313833	11067551	11288433	1.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1306336	1309098	1285859	1300431	0.98	cps
Cobalt	59-2	1594828	1589131	1582919	1588959	0.37	cps
Copper	63-2	7377461	7361169	7302973	7347201	0.53	cps
Dysprosium	156-1	280561	282950	279819	281110	0.58	cps
Dysprosium	156-2	206418	208708	207926	207684	0.56	cps
Erbium	164-1	219287	217126	216959	217791	0.60	cps
Erbium	164-2	130045	129093	129198	129445	0.40	cps
Gadolinium	160-1	258732	261478	258007	259406	0.71	cps
Gadolinium	160-2	166176	165469	163257	164967	0.92	cps
Holmium	165-1	37771695	37584094	37201079	37518956	0.78	cps
Holmium	165-2	22249456	22272237	21968753	22163482	0.76	cps
Indium	115-1	31387245	31641912	31019661	31349606	1.00	cps
Indium	115-2	9955121	9921084	9807719	9894642	0.78	cps
Iron	56-2	1316054914	1310354647	1292421314	1306276958	0.94	cps
Iron	57-2	32093341	32065863	32041099	32066768	0.08	cps
Iron	54-2	72590721	71021331	70740544	71450865	1.40	cps
Krypton	83-1	820	790	713	774	7.10	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-17	Instrumnet Name :	P7
Client Sample ID :	MYE501	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:48:00	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3187975	3161947	3227476	3192466	1.03	cps
Lead	207-1	2792649	2788969	2808656	2796758	0.37	cps
Lead	208-1	12864824	12743873	12827772	12812156	0.48	cps
Lithium	6-1	2645525	2649702	2675232	2656820	0.61	cps
Magnesium	24-2	24765977	24608377	24384005	24586120	0.78	cps
Manganese	55-2	26722232	26482043	26088338	26430871	1.21	cps
Molybdenum	94-1	366830	367638	364623	366364	0.43	cps
Molybdenum	95-1	22214	22364	22224	22267	0.38	cps
Molybdenum	96-1	96885	97240	96556	96894	0.35	cps
Molybdenum	97-1	14287	13757	13523	13856	2.83	cps
Molybdenum	98-1	35259	35186	35493	35313	0.45	cps
Neodymium	150-1	544185	548737	547348	546757	0.43	cps
Neodymium	150-2	284360	283525	280355	282747	0.75	cps
Nickel	60-2	667249	666269	665663	666394	0.12	cps
Phosphorus	31-2	78205	79160	77368	78244	1.15	cps
Potassium	39-2	9969087	10006932	9757373	9911130	1.36	cps
Rhodium	103-1	29743284	29361890	29477793	29527655	0.66	cps
Rhodium	103-2	17047967	17027756	16848095	16974606	0.65	cps
Scandium	45-1	16933018	16581267	16378932	16631072	1.69	cps
Scandium	45-2	1534889	1513482	1475962	1508111	1.98	cps
Selenium	82-1	2263	2210	2192	2222	1.66	cps
Selenium	77-2	953	1163	1127	1081	10.38	cps
Selenium	78-2	1443	1437	1450	1443	0.46	cps
Silicon	28-1	70250062	68781136	68589329	69206842	1.31	cps
Silver	107-1	43395	43756	43669	43606	0.43	cps
Silver	109-1	41710	41366	41937	41671	0.69	cps
Sodium	23-2	274802	275065	274921	274929	0.05	cps
Strontium	86-1	912413	914209	906886	911169	0.42	cps
Strontium	88-1	7922296	7985068	7879956	7929106	0.67	cps
Sulfur	34-1	232816	236772	233822	234470	0.88	cps
Terbium	159-1	38749006	38501899	38228880	38493262	0.68	cps
Terbium	159-2	22584356	22502864	22608728	22565316	0.25	cps
Thallium	203-1	17702	17311	17355	17456	1.23	cps
Thallium	205-1	41359	41129	40995	41161	0.45	cps
Tin	118-1	86266	86762	86159	86396	0.37	cps
Titanium	47-1	4116314	4081758	4041734	4079935	0.91	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-17	Instrumnet Name :	P7
Client Sample ID :	MYE501	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:48:00	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	129233	130609	130266	130036	0.55	cps
Vanadium	51-2	2572701	2558474	2532569	2554581	0.80	cps
Yttrium	89-1	45345061	44677163	44654699	44892308	0.87	cps
Yttrium	89-2	10934664	11027162	10854328	10938718	0.79	cps
Zinc	66-2	895251	892746	897023	895006	0.24	cps
Zirconium	90-1	960288	958722	953405	957472	0.38	cps
Zirconium	91-1	215265	213358	214627	214416	0.45	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-18	Instrumnet Name :	P7
Client Sample ID :	MYE502	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:51:00	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19718115	19076816	19256070	19350333	1.71	cps
Antimony	121-1	81429	83299	82019	82249	1.16	cps
Arsenic	75-2	167290	166879	164440	166203	0.93	cps
Barium	135-1	2737513	2757025	2778011	2757516	0.73	cps
Barium	137-1	4754590	4766658	4827000	4782749	0.81	cps
Beryllium	9-1	3000	2900	2811	2904	3.25	cps
Bismuth	209-1	23068478	22529177	21917137	22504931	2.56	cps
Bismuth	209-2	12527888	13787908	14594976	13636924	7.64	cps
Bromine	81-1	26674	26026	26447	26383	1.25	cps
Bromine	81-2	1893	1650	1773	1772	6.87	cps
Cadmium	108-1	1880	1763	2004	1882	6.38	cps
Cadmium	106-1	14237	13760	13480	13826	2.77	cps
Cadmium	111-1	23957	24284	24155	24132	0.68	cps
Calcium	43-1	647400	659672	658986	655353	1.05	cps
Calcium	44-1	10150063	10351954	10376742	10292920	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	834484	828588	820231	827768	0.87	cps
Cobalt	59-2	911025	902218	887896	900380	1.30	cps
Copper	63-2	4978037	4893339	4873423	4914933	1.13	cps
Dysprosium	156-1	163272	168875	168181	166776	1.83	cps
Dysprosium	156-2	126510	126453	126605	126523	0.06	cps
Erbium	164-1	128414	131959	132353	130909	1.66	cps
Erbium	164-2	80293	79960	78036	79430	1.53	cps
Gadolinium	160-1	154970	159193	157285	157149	1.35	cps
Gadolinium	160-2	103576	104355	103764	103898	0.39	cps
Holmium	165-1	40189739	39682891	38411600	39428077	2.32	cps
Holmium	165-2	19452343	20928753	22611081	20997392	7.53	cps
Indium	115-1	34014736	33173054	32202972	33130254	2.74	cps
Indium	115-2	8641110	9373382	9921230	9311907	6.90	cps
Iron	56-2	850634147	835421321	830601881	838885783	1.25	cps
Iron	57-2	20796246	20803806	20435698	20678583	1.02	cps
Iron	54-2	46776714	46218678	45613608	46203000	1.26	cps
Krypton	83-1	623	647	657	642	2.66	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-18	Instrumnet Name :	P7
Client Sample ID :	MYE502	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:51:00	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2416795	2441175	2509725	2455898	1.96	cps
Lead	207-1	2131234	2150069	2184389	2155231	1.25	cps
Lead	208-1	9732783	9827093	9992400	9850759	1.33	cps
Lithium	6-1	2925442	2815683	2707839	2816321	3.86	cps
Magnesium	24-2	16119216	15825343	15699507	15881355	1.36	cps
Manganese	55-2	15950132	15581160	15662043	15731112	1.23	cps
Molybdenum	94-1	187098	185415	186370	186294	0.45	cps
Molybdenum	95-1	18615	18775	18986	18792	0.99	cps
Molybdenum	96-1	57509	59373	58563	58482	1.60	cps
Molybdenum	97-1	11595	11461	12058	11705	2.68	cps
Molybdenum	98-1	29817	29707	29977	29834	0.46	cps
Neodymium	150-1	314551	322806	324079	320479	1.61	cps
Neodymium	150-2	171351	172633	169897	171294	0.80	cps
Nickel	60-2	352181	350175	343407	348587	1.32	cps
Phosphorus	31-2	63963	61476	62376	62605	2.01	cps
Potassium	39-2	9185032	9006022	9013688	9068247	1.12	cps
Rhodium	103-1	32708492	31330106	30348920	31462506	3.77	cps
Rhodium	103-2	14900126	16014743	17153992	16022954	7.03	cps
Scandium	45-1	17630158	17222491	16608440	17153696	3.00	cps
Scandium	45-2	1318117	1379316	1459805	1385746	5.13	cps
Selenium	82-1	2016	1978	1911	1969	2.70	cps
Selenium	77-2	670	710	587	656	9.60	cps
Selenium	78-2	1050	1100	1093	1081	2.51	cps
Silicon	28-1	73638179	74220576	74054667	73971141	0.41	cps
Silver	107-1	32002	32343	32389	32245	0.66	cps
Silver	109-1	29901	31153	30813	30622	2.11	cps
Sodium	23-2	288508	288253	285348	287370	0.61	cps
Strontium	86-1	620417	624985	628043	624481	0.61	cps
Strontium	88-1	5410625	5566767	5476853	5484748	1.43	cps
Sulfur	34-1	232428	226020	224684	227711	1.82	cps
Terbium	159-1	41537425	40306916	39198206	40347516	2.90	cps
Terbium	159-2	19583322	20967018	22409749	20986696	6.73	cps
Thallium	203-1	9874	10497	10424	10265	3.32	cps
Thallium	205-1	24409	24155	24576	24380	0.87	cps
Tin	118-1	80393	83678	82427	82166	2.02	cps
Titanium	47-1	2695320	2753027	2783814	2744054	1.64	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-18	Instrumnet Name :	P7
Client Sample ID :	MYE502	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:51:00	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61344	63942	63782	63023	2.31	cps
Vanadium	51-2	1618816	1596054	1575074	1596648	1.37	cps
Yttrium	89-1	47392183	45800649	44646209	45946347	3.00	cps
Yttrium	89-2	9374840	10013340	10558708	9982296	5.94	cps
Zinc	66-2	751338	741069	736054	742820	1.05	cps
Zirconium	90-1	462901	480033	477207	473380	1.94	cps
Zirconium	91-1	105211	106732	106147	106030	0.72	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:53:58	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23695990	23576054	23832358	23701467	0.54	cps
Antimony	121-1	82870	83440	82880	83063	0.39	cps
Arsenic	75-2	271158	271946	273415	272173	0.42	cps
Barium	135-1	3991666	4022657	4008911	4007745	0.39	cps
Barium	137-1	6869632	6896238	6904639	6890170	0.27	cps
Beryllium	9-1	3262	3445	3211	3306	3.72	cps
Bismuth	209-1	20327912	20526106	20980681	20611566	1.62	cps
Bismuth	209-2	13970117	13968036	14131847	14023334	0.67	cps
Bromine	81-1	24768	24858	24704	24776	0.31	cps
Bromine	81-2	1650	1620	1563	1611	2.73	cps
Cadmium	108-1	2597	2594	2704	2631	2.38	cps
Cadmium	106-1	15385	14941	15061	15129	1.52	cps
Cadmium	111-1	32593	32961	32870	32808	0.58	cps
Calcium	43-1	845152	853545	850653	849783	0.50	cps
Calcium	44-1	13166591	13230183	13287679	13228151	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1139102	1132926	1123051	1131693	0.72	cps
Cobalt	59-2	1399870	1400280	1395072	1398407	0.21	cps
Copper	63-2	7211741	7215644	7226499	7217962	0.11	cps
Dysprosium	156-1	228247	232217	230153	230206	0.86	cps
Dysprosium	156-2	173591	172643	175431	173888	0.82	cps
Erbium	164-1	174037	177833	178499	176790	1.36	cps
Erbium	164-2	107399	107597	106573	107189	0.51	cps
Gadolinium	160-1	209061	209534	210948	209848	0.47	cps
Gadolinium	160-2	137494	137601	136928	137341	0.26	cps
Holmium	165-1	36113843	35994832	36239580	36116085	0.34	cps
Holmium	165-2	21682505	21540713	21655262	21626160	0.35	cps
Indium	115-1	29899854	30242493	30087356	30076568	0.57	cps
Indium	115-2	9571937	9680660	9637928	9630175	0.57	cps
Iron	56-2	1103770944	1093960944	1105121530	1100951139	0.55	cps
Iron	57-2	27277039	27008679	26997852	27094523	0.58	cps
Iron	54-2	60596464	59825806	60231676	60217982	0.64	cps
Krypton	83-1	793	723	670	729	8.49	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:53:58	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3067445	3112252	3147722	3109140	1.29	cps
Lead	207-1	2706217	2713685	2746406	2722103	0.79	cps
Lead	208-1	12391715	12606653	12674112	12557493	1.17	cps
Lithium	6-1	2552475	2519879	2624973	2565776	2.10	cps
Magnesium	24-2	23465250	23480150	23305293	23416897	0.41	cps
Manganese	55-2	20415308	20206725	20196912	20272982	0.61	cps
Molybdenum	94-1	414032	419815	419815	417887	0.80	cps
Molybdenum	95-1	18565	19036	18939	18847	1.32	cps
Molybdenum	96-1	98549	99845	99754	99382	0.73	cps
Molybdenum	97-1	11671	11271	11351	11431	1.85	cps
Molybdenum	98-1	28742	29506	29162	29137	1.31	cps
Neodymium	150-1	449501	454492	455621	453205	0.72	cps
Neodymium	150-2	239239	235022	237668	237310	0.90	cps
Nickel	60-2	599052	601293	597098	599148	0.35	cps
Phosphorus	31-2	79213	79291	80383	79629	0.82	cps
Potassium	39-2	7086775	7156609	7049078	7097487	0.77	cps
Rhodium	103-1	28484430	28477201	28391722	28451118	0.18	cps
Rhodium	103-2	16736123	16483738	16617167	16612343	0.76	cps
Scandium	45-1	16033333	15858957	16112526	16001605	0.81	cps
Scandium	45-2	1446148	1473769	1437730	1452549	1.30	cps
Selenium	82-1	1877	2078	2096	2017	6.02	cps
Selenium	77-2	683	860	657	733	15.07	cps
Selenium	78-2	1300	1277	1347	1308	2.73	cps
Silicon	28-1	67529287	67074597	67012411	67205432	0.42	cps
Silver	107-1	42335	43585	42843	42921	1.47	cps
Silver	109-1	40192	40931	41369	40831	1.46	cps
Sodium	23-2	265754	264853	267026	265878	0.41	cps
Strontium	86-1	981107	987042	995214	987788	0.72	cps
Strontium	88-1	8476928	8622702	8727630	8609087	1.46	cps
Sulfur	34-1	235447	235943	236540	235977	0.23	cps
Terbium	159-1	36819536	36980809	37244894	37015079	0.58	cps
Terbium	159-2	21974196	22006926	22019938	22000353	0.11	cps
Thallium	203-1	12926	13407	13290	13208	1.90	cps
Thallium	205-1	31182	31072	31239	31165	0.27	cps
Tin	118-1	83091	85183	84321	84199	1.25	cps
Titanium	47-1	3611395	3636926	3637166	3628496	0.41	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:53:58	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	93683	94257	97490	95143	2.16	cps
Vanadium	51-2	2169610	2224115	2145243	2179656	1.85	cps
Yttrium	89-1	42703041	42741821	42871576	42772146	0.21	cps
Yttrium	89-2	10623280	10573151	10562114	10586182	0.31	cps
Zinc	66-2	816407	821444	815427	817759	0.39	cps
Zirconium	90-1	1093055	1115266	1101936	1103419	1.01	cps
Zirconium	91-1	244336	246819	248557	246571	0.86	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-19	Instrumnet Name :	P7
Client Sample ID :	MYE503	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:56:58	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22461420	22229872	22304486	22331926	0.53	cps
Antimony	121-1	87427	87621	86837	87295	0.47	cps
Arsenic	75-2	229405	229825	227785	229005	0.47	cps
Barium	135-1	3399044	3371959	3375663	3382222	0.43	cps
Barium	137-1	5882457	5879325	5841388	5867724	0.39	cps
Beryllium	9-1	3450	3689	3212	3450	6.93	cps
Bismuth	209-1	21117707	21017061	21108883	21081217	0.26	cps
Bismuth	209-2	14311642	14310206	14112867	14244905	0.80	cps
Bromine	81-1	25913	25719	25829	25820	0.38	cps
Bromine	81-2	1900	1823	1867	1863	2.06	cps
Cadmium	108-1	2384	2317	2257	2319	2.73	cps
Cadmium	106-1	13903	13750	13553	13735	1.28	cps
Cadmium	111-1	28598	28950	28544	28698	0.77	cps
Calcium	43-1	798478	793123	779311	790304	1.25	cps
Calcium	44-1	12731786	12208916	12169007	12369903	2.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1046356	1049123	1040879	1045453	0.40	cps
Cobalt	59-2	1077446	1070233	1063324	1070334	0.66	cps
Copper	63-2	5876993	5787695	5811287	5825325	0.79	cps
Dysprosium	156-1	203804	204798	203429	204010	0.35	cps
Dysprosium	156-2	151804	149920	150624	150783	0.63	cps
Erbium	164-1	158828	157560	155330	157240	1.13	cps
Erbium	164-2	93440	93198	93215	93284	0.14	cps
Gadolinium	160-1	190101	190886	190889	190626	0.24	cps
Gadolinium	160-2	123724	123173	122144	123013	0.65	cps
Holmium	165-1	36960982	37132683	37259527	37117731	0.40	cps
Holmium	165-2	22060580	21774483	21366802	21733955	1.60	cps
Indium	115-1	30974041	31020981	30710731	30901918	0.54	cps
Indium	115-2	9871909	9913034	9749349	9844764	0.86	cps
Iron	56-2	1032400545	1015533612	1014035025	1020656394	1.00	cps
Iron	57-2	25331998	25334221	25127289	25264503	0.47	cps
Iron	54-2	56694422	56382131	55549648	56208734	1.05	cps
Krypton	83-1	653	683	660	666	2.37	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-19	Instrumnet Name :	P7
Client Sample ID :	MYE503	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:56:58	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2945119	2890265	2874305	2903230	1.28	cps
Lead	207-1	2567052	2591808	2559680	2572847	0.65	cps
Lead	208-1	11764709	11747331	11727382	11746474	0.16	cps
Lithium	6-1	2680589	2585169	2611770	2625843	1.88	cps
Magnesium	24-2	17365627	17560653	17383780	17436687	0.62	cps
Manganese	55-2	17358461	17208009	17083187	17216553	0.80	cps
Molybdenum	94-1	221256	218974	218997	219742	0.60	cps
Molybdenum	95-1	24457	24601	24020	24359	1.24	cps
Molybdenum	96-1	71684	72324	70814	71607	1.06	cps
Molybdenum	97-1	15919	15545	15432	15632	1.63	cps
Molybdenum	98-1	38825	38531	38835	38730	0.45	cps
Neodymium	150-1	402885	399973	400916	401258	0.37	cps
Neodymium	150-2	205330	204632	203593	204518	0.43	cps
Nickel	60-2	411033	412796	408818	410882	0.49	cps
Phosphorus	31-2	74232	74480	72537	73750	1.43	cps
Potassium	39-2	10446084	10404743	10139702	10330176	1.61	cps
Rhodium	103-1	29683000	29438403	29127155	29416186	0.95	cps
Rhodium	103-2	16944469	16873096	16707226	16841597	0.72	cps
Scandium	45-1	16563497	16257109	16091996	16304200	1.47	cps
Scandium	45-2	1449045	1451346	1454334	1451575	0.18	cps
Selenium	82-1	2023	2044	2119	2062	2.45	cps
Selenium	77-2	783	880	777	813	7.11	cps
Selenium	78-2	1200	1373	1167	1247	8.90	cps
Silicon	28-1	70401176	70920889	69978827	70433631	0.67	cps
Silver	107-1	38421	38307	38698	38475	0.52	cps
Silver	109-1	37214	36633	36914	36920	0.79	cps
Sodium	23-2	326900	333023	329483	329802	0.93	cps
Strontium	86-1	774267	766703	762044	767671	0.80	cps
Strontium	88-1	6728016	6651019	6680023	6686353	0.58	cps
Sulfur	34-1	241614	238263	235618	238498	1.26	cps
Terbium	159-1	37697230	38092468	37846379	37878692	0.53	cps
Terbium	159-2	22122761	22332744	22072739	22176081	0.62	cps
Thallium	203-1	11161	11231	11168	11187	0.35	cps
Thallium	205-1	27124	26676	26836	26879	0.84	cps
Tin	118-1	86742	87057	86726	86842	0.22	cps
Titanium	47-1	3031045	2971001	3023763	3008603	1.09	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-19	Instrumnet Name :	P7
Client Sample ID :	MYE503	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:56:58	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	84673	84727	83586	84329	0.76	cps
Vanadium	51-2	1887661	1875573	1823912	1862382	1.82	cps
Yttrium	89-1	43777361	43588971	43440348	43602227	0.39	cps
Yttrium	89-2	10720146	10626475	10434796	10593806	1.37	cps
Zinc	66-2	892068	883242	881390	885567	0.64	cps
Zirconium	90-1	557894	559552	554411	557286	0.47	cps
Zirconium	91-1	125609	124630	122193	124144	1.42	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-20	Instrumnet Name :	P7
Client Sample ID :	MYE504	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:59:57	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23718103	23663005	23470975	23617361	0.55	cps
Antimony	121-1	40942	41717	42462	41707	1.82	cps
Arsenic	75-2	198032	199241	197148	198141	0.53	cps
Barium	135-1	3636137	3722237	3667552	3675308	1.19	cps
Barium	137-1	6227318	6324049	6285762	6279043	0.78	cps
Beryllium	9-1	3550	3239	3623	3471	5.87	cps
Bismuth	209-1	21117312	21293756	20861927	21090998	1.03	cps
Bismuth	209-2	14185189	14394932	14676227	14418782	1.71	cps
Bromine	81-1	27846	28815	28334	28332	1.71	cps
Bromine	81-2	2397	2324	2220	2314	3.84	cps
Cadmium	108-1	1583	1720	1663	1656	4.15	cps
Cadmium	106-1	12976	13123	12229	12776	3.75	cps
Cadmium	111-1	20040	20639	19941	20207	1.87	cps
Calcium	43-1	792112	797939	799307	796453	0.48	cps
Calcium	44-1	12397220	12350256	12341238	12362905	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	973804	954594	963858	964085	1.00	cps
Cobalt	59-2	914012	909444	906839	910098	0.40	cps
Copper	63-2	3254821	3267209	3249890	3257306	0.27	cps
Dysprosium	156-1	198721	203952	203323	201999	1.41	cps
Dysprosium	156-2	152545	153784	150139	152156	1.22	cps
Erbium	164-1	155856	160696	159704	158752	1.61	cps
Erbium	164-2	97232	97097	95836	96722	0.80	cps
Gadolinium	160-1	188292	194643	195606	192847	2.06	cps
Gadolinium	160-2	126108	125334	124618	125354	0.59	cps
Holmium	165-1	37287971	37224528	36974958	37162486	0.45	cps
Holmium	165-2	21812895	21981869	22180277	21991680	0.84	cps
Indium	115-1	31309118	30839627	30898097	31015614	0.82	cps
Indium	115-2	9766041	9670086	9787477	9741201	0.64	cps
Iron	56-2	857821747	857865961	858757747	858148485	0.06	cps
Iron	57-2	21278991	21111207	21237820	21209339	0.41	cps
Iron	54-2	47296471	46485361	46841178	46874337	0.87	cps
Krypton	83-1	670	680	630	660	4.01	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-20	Instrumnet Name :	P7
Client Sample ID :	MYE504	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:59:57	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1713936	1774520	1767880	1752112	1.90	cps
Lead	207-1	1499953	1533269	1551219	1528147	1.70	cps
Lead	208-1	6823174	6977297	7026061	6942177	1.53	cps
Lithium	6-1	2683619	2656152	2600266	2646679	1.60	cps
Magnesium	24-2	16116847	15894859	15833256	15948321	0.94	cps
Manganese	55-2	15799107	15647263	15729507	15725292	0.48	cps
Molybdenum	94-1	232910	240151	238423	237161	1.59	cps
Molybdenum	95-1	15031	16009	15969	15670	3.53	cps
Molybdenum	96-1	62727	64140	64066	63644	1.25	cps
Molybdenum	97-1	9096	9913	9600	9537	4.32	cps
Molybdenum	98-1	24294	24751	24130	24392	1.32	cps
Neodymium	150-1	393671	408122	409976	403923	2.21	cps
Neodymium	150-2	212471	212296	209867	211545	0.69	cps
Nickel	60-2	410013	412879	407349	410080	0.67	cps
Phosphorus	31-2	62022	61359	60840	61407	0.96	cps
Potassium	39-2	8791203	8567477	8772456	8710379	1.42	cps
Rhodium	103-1	29444738	29057309	29172352	29224800	0.68	cps
Rhodium	103-2	16808619	16743983	16770739	16774447	0.19	cps
Scandium	45-1	16428879	15893474	15928270	16083541	1.86	cps
Scandium	45-2	1443218	1446186	1450217	1446540	0.24	cps
Selenium	82-1	1788	1873	1852	1838	2.41	cps
Selenium	77-2	667	823	767	752	10.55	cps
Selenium	78-2	1090	1287	1190	1189	8.27	cps
Silicon	28-1	77018562	78715927	78179914	77971468	1.11	cps
Silver	107-1	21529	22361	22471	22120	2.33	cps
Silver	109-1	21362	21419	21009	21263	1.05	cps
Sodium	23-2	252004	250251	250070	250775	0.43	cps
Strontium	86-1	757565	771300	767141	765335	0.92	cps
Strontium	88-1	6664103	6724947	6658601	6682550	0.55	cps
Sulfur	34-1	221770	220217	216430	219472	1.25	cps
Terbium	159-1	38362310	37712324	38244731	38106455	0.91	cps
Terbium	159-2	22227161	22437519	22172801	22279160	0.63	cps
Thallium	203-1	9950	10434	10167	10184	2.38	cps
Thallium	205-1	22926	24252	24162	23780	3.12	cps
Tin	118-1	86997	87933	88147	87693	0.70	cps
Titanium	47-1	2668656	2691127	2655905	2671896	0.67	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-20	Instrumnet Name :	P7
Client Sample ID :	MYE504	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 02:59:57	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	80971	84183	83909	83021	2.15	cps
Vanadium	51-2	1684859	1635887	1678870	1666539	1.60	cps
Yttrium	89-1	43414733	42908724	42985394	43102950	0.63	cps
Yttrium	89-2	10591327	10577879	10519061	10562756	0.36	cps
Zinc	66-2	646881	648307	642804	645997	0.44	cps
Zirconium	90-1	611988	626344	625068	621133	1.28	cps
Zirconium	91-1	137309	138647	139098	138351	0.67	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-21	Instrumnet Name :	P7
Client Sample ID :	MYE505	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:02:59	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18590817	18633196	18439071	18554362	0.55	cps
Antimony	121-1	57826	58144	59536	58502	1.55	cps
Arsenic	75-2	195753	194743	193308	194601	0.63	cps
Barium	135-1	3027301	3009558	3046869	3027909	0.62	cps
Barium	137-1	5228075	5250793	5294682	5257850	0.64	cps
Beryllium	9-1	2806	2917	2995	2906	3.27	cps
Bismuth	209-1	22079908	21776469	21467619	21774666	1.41	cps
Bismuth	209-2	14594810	14482925	14468294	14515343	0.48	cps
Bromine	81-1	24370	25542	25115	25009	2.37	cps
Bromine	81-2	1777	1780	1823	1793	1.45	cps
Cadmium	108-1	1837	1787	1887	1837	2.72	cps
Cadmium	106-1	13623	12646	12812	13027	4.01	cps
Cadmium	111-1	22834	23667	22889	23130	2.01	cps
Calcium	43-1	484336	489847	488949	487711	0.61	cps
Calcium	44-1	7649057	7682512	7647302	7659624	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	870775	864660	866075	867170	0.37	cps
Cobalt	59-2	1007988	995201	995346	999511	0.73	cps
Copper	63-2	4552351	4478212	4511213	4513925	0.82	cps
Dysprosium	156-1	193728	194893	199309	195977	1.50	cps
Dysprosium	156-2	146181	147478	149102	147587	0.99	cps
Erbium	164-1	151667	154109	155414	153730	1.24	cps
Erbium	164-2	93000	93490	92302	92931	0.64	cps
Gadolinium	160-1	179224	187970	186201	184465	2.51	cps
Gadolinium	160-2	118946	120597	119807	119783	0.69	cps
Holmium	165-1	39350401	37934548	37140025	38141658	2.94	cps
Holmium	165-2	22369229	22190876	21981831	22180645	0.87	cps
Indium	115-1	32615054	31263695	30765675	31548142	3.03	cps
Indium	115-2	9975319	9801763	9909751	9895611	0.89	cps
Iron	56-2	833996868	833284601	832618254	833299908	0.08	cps
Iron	57-2	20953328	20561698	20845852	20786959	0.97	cps
Iron	54-2	46685034	46237388	45961391	46294604	0.79	cps
Krypton	83-1	713	623	597	644	9.49	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-21	Instrumnet Name :	P7
Client Sample ID :	MYE505	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:02:59	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2206480	2236595	2285897	2242991	1.79	cps
Lead	207-1	1943159	1980358	1975830	1966449	1.03	cps
Lead	208-1	8924864	9080977	9083430	9029757	1.01	cps
Lithium	6-1	2772350	2741334	2581706	2698463	3.79	cps
Magnesium	24-2	14385716	14267128	14200527	14284457	0.66	cps
Manganese	55-2	16280071	16171205	16160216	16203831	0.41	cps
Molybdenum	94-1	228166	233864	234216	232082	1.46	cps
Molybdenum	95-1	18826	19483	18859	19056	1.94	cps
Molybdenum	96-1	64977	66420	66055	65817	1.14	cps
Molybdenum	97-1	11778	12022	12155	11985	1.60	cps
Molybdenum	98-1	29650	30766	30970	30462	2.33	cps
Neodymium	150-1	381240	389558	392407	387735	1.50	cps
Neodymium	150-2	202927	202126	202899	202651	0.22	cps
Nickel	60-2	397998	394927	392988	395305	0.64	cps
Phosphorus	31-2	51891	52061	52342	52098	0.44	cps
Potassium	39-2	8242618	8213086	8178008	8211237	0.39	cps
Rhodium	103-1	30901185	29904454	29227321	30010987	2.81	cps
Rhodium	103-2	16882203	16862289	16927749	16890747	0.20	cps
Scandium	45-1	17046980	16103851	15870742	16340524	3.81	cps
Scandium	45-2	1431913	1403246	1453607	1429588	1.77	cps
Selenium	82-1	1897	2074	1994	1988	4.47	cps
Selenium	77-2	773	780	717	757	4.60	cps
Selenium	78-2	1097	1170	1110	1126	3.47	cps
Silicon	28-1	76259371	77393666	77141444	76931493	0.77	cps
Silver	107-1	27770	28171	28304	28082	0.99	cps
Silver	109-1	26898	26417	26908	26741	1.05	cps
Sodium	23-2	269924	269409	271323	270219	0.37	cps
Strontium	86-1	558319	573814	570264	567466	1.43	cps
Strontium	88-1	4930508	5045769	5032399	5002892	1.26	cps
Sulfur	34-1	195729	195716	193846	195097	0.56	cps
Terbium	159-1	39862669	38761079	38364942	38996230	1.99	cps
Terbium	159-2	22667670	22336142	22261503	22421772	0.96	cps
Thallium	203-1	10884	10871	11345	11033	2.44	cps
Thallium	205-1	25805	26115	26626	26182	1.58	cps
Tin	118-1	75801	77517	77962	77094	1.48	cps
Titanium	47-1	3108941	3107283	3135392	3117206	0.51	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-21	Instrumnet Name :	P7
Client Sample ID :	MYE505	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:02:59	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	94394	95858	96399	95550	1.09	cps
Vanadium	51-2	1634652	1627938	1621459	1628016	0.41	cps
Yttrium	89-1	45455178	43916904	43473879	44281987	2.35	cps
Yttrium	89-2	10557941	10438024	10657661	10551209	1.04	cps
Zinc	66-2	675884	675284	673336	674835	0.20	cps
Zirconium	90-1	590214	599814	606461	598830	1.36	cps
Zirconium	91-1	131903	135427	134490	133940	1.36	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-01	Instrumnet Name :	P7
Client Sample ID :	MYE5B3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:05:57	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19967338	19774507	20039431	19927092	0.69	cps
Antimony	121-1	67397	68020	67384	67600	0.54	cps
Arsenic	75-2	151801	150396	151608	151268	0.50	cps
Barium	135-1	3175659	3164991	3185775	3175475	0.33	cps
Barium	137-1	5519264	5364291	5429424	5437660	1.43	cps
Beryllium	9-1	2945	3195	3462	3200	8.07	cps
Bismuth	209-1	21349781	21455881	21521106	21442256	0.40	cps
Bismuth	209-2	14498638	14755187	14750068	14667964	1.00	cps
Bromine	81-1	29089	29045	29466	29200	0.79	cps
Bromine	81-2	2227	2467	2367	2354	5.12	cps
Cadmium	108-1	1743	1880	1727	1783	4.72	cps
Cadmium	106-1	13173	13476	13186	13278	1.29	cps
Cadmium	111-1	23408	23339	23136	23294	0.61	cps
Calcium	43-1	635025	635944	628572	633181	0.63	cps
Calcium	44-1	9838367	9917043	9719873	9825094	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	917446	918117	914614	916725	0.20	cps
Cobalt	59-2	966036	955250	957956	959747	0.58	cps
Copper	63-2	4030537	3893375	3970930	3964947	1.73	cps
Dysprosium	156-1	184334	186602	185832	185589	0.62	cps
Dysprosium	156-2	139235	140380	139919	139844	0.41	cps
Erbium	164-1	143805	145351	141606	143587	1.31	cps
Erbium	164-2	87626	86935	86100	86887	0.88	cps
Gadolinium	160-1	174326	174418	174806	174516	0.15	cps
Gadolinium	160-2	112807	112669	113142	112873	0.22	cps
Holmium	165-1	36864966	37400596	37513278	37259613	0.93	cps
Holmium	165-2	22314881	22853258	22392276	22520138	1.29	cps
Indium	115-1	30899578	31019496	30815040	30911371	0.33	cps
Indium	115-2	9865311	10057040	9781185	9901179	1.43	cps
Iron	56-2	1024678491	1002470252	1004537025	1010561923	1.21	cps
Iron	57-2	25019244	24691635	24952665	24887848	0.70	cps
Iron	54-2	55700054	55285943	55525566	55503854	0.37	cps
Krypton	83-1	617	620	663	633	4.11	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-01	Instrumnet Name :	P7
Client Sample ID :	MYE5B3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:05:57	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2737879	2684592	2679536	2700669	1.20	cps
Lead	207-1	2385095	2354779	2359360	2366411	0.69	cps
Lead	208-1	10931788	10779208	10822016	10844337	0.73	cps
Lithium	6-1	2649432	2678836	2589779	2639349	1.72	cps
Magnesium	24-2	12948950	12882831	12957408	12929730	0.32	cps
Manganese	55-2	22734304	22615735	22403978	22584672	0.74	cps
Molybdenum	94-1	167741	169421	168395	168519	0.50	cps
Molybdenum	95-1	22364	22043	22033	22147	0.85	cps
Molybdenum	96-1	61271	60970	59822	60687	1.26	cps
Molybdenum	97-1	13713	13950	13937	13867	0.96	cps
Molybdenum	98-1	34741	34838	35025	34868	0.41	cps
Neodymium	150-1	362290	359512	358935	360246	0.50	cps
Neodymium	150-2	189072	186220	187494	187595	0.76	cps
Nickel	60-2	319890	315322	318595	317936	0.74	cps
Phosphorus	31-2	61814	62725	63103	62547	1.06	cps
Potassium	39-2	9725169	9653122	9607218	9661836	0.62	cps
Rhodium	103-1	29052484	29325433	29353680	29243865	0.57	cps
Rhodium	103-2	16958541	16925153	16946698	16943464	0.10	cps
Scandium	45-1	15844228	16005515	15878703	15909482	0.53	cps
Scandium	45-2	1465639	1476031	1421448	1454373	1.99	cps
Selenium	82-1	1927	1958	1934	1940	0.84	cps
Selenium	77-2	627	633	613	624	1.63	cps
Selenium	78-2	1053	1113	1063	1077	2.99	cps
Silicon	28-1	67965227	67342121	66650306	67319218	0.98	cps
Silver	107-1	32891	32901	33218	33003	0.56	cps
Silver	109-1	31487	31574	31832	31631	0.57	cps
Sodium	23-2	256328	250462	258168	254986	1.58	cps
Strontium	86-1	621388	616709	615375	617824	0.51	cps
Strontium	88-1	5439193	5394286	5436744	5423408	0.47	cps
Sulfur	34-1	221309	222793	222645	222249	0.37	cps
Terbium	159-1	38047628	38787294	38254134	38363018	0.99	cps
Terbium	159-2	22620952	22585013	22214636	22473534	1.00	cps
Thallium	203-1	9990	10414	10121	10175	2.13	cps
Thallium	205-1	24562	24088	24382	24344	0.98	cps
Tin	118-1	77852	79193	78291	78445	0.87	cps
Titanium	47-1	3072345	3086626	3048939	3069304	0.62	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-01	Instrumnet Name :	P7
Client Sample ID :	MYE5B3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:05:57	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	89638	90222	89253	89704	0.54	cps
Vanadium	51-2	1671701	1724451	1693971	1696708	1.56	cps
Yttrium	89-1	42847176	43151424	43156594	43051732	0.41	cps
Yttrium	89-2	10714946	10505595	10485609	10568717	1.20	cps
Zinc	66-2	754967	745435	744363	748255	0.78	cps
Zirconium	90-1	423745	423817	424219	423927	0.06	cps
Zirconium	91-1	93244	94639	93871	93918	0.74	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-02	Instrumnet Name :	P7
Client Sample ID :	MYE5B4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:08:57	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15836794	15783630	15699674	15773366	0.44	cps
Antimony	121-1	107313	108515	106954	107594	0.76	cps
Arsenic	75-2	228540	227608	226195	227448	0.52	cps
Barium	135-1	7732549	7756225	7774502	7754425	0.27	cps
Barium	137-1	13470591	13467109	13310312	13416004	0.68	cps
Beryllium	9-1	3489	3289	2973	3250	8.02	cps
Bismuth	209-1	21028590	22031625	21689850	21583355	2.36	cps
Bismuth	209-2	14796874	14517327	14911985	14742062	1.38	cps
Bromine	81-1	24320	24457	24126	24301	0.68	cps
Bromine	81-2	1423	1360	1450	1411	3.28	cps
Cadmium	108-1	2544	2637	2717	2632	3.30	cps
Cadmium	106-1	13863	14597	14244	14235	2.58	cps
Cadmium	111-1	34792	34699	34065	34519	1.15	cps
Calcium	43-1	369881	367946	368717	368848	0.26	cps
Calcium	44-1	5755205	5819602	5748507	5774438	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	981918	985477	966890	978095	1.01	cps
Cobalt	59-2	1743510	1745793	1723802	1737702	0.70	cps
Copper	63-2	7265442	7169209	7191233	7208628	0.70	cps
Dysprosium	156-1	206986	207468	207120	207192	0.12	cps
Dysprosium	156-2	156480	154795	157610	156295	0.91	cps
Erbium	164-1	155558	156745	155991	156098	0.38	cps
Erbium	164-2	93886	94718	95205	94603	0.70	cps
Gadolinium	160-1	185954	187814	187672	187147	0.55	cps
Gadolinium	160-2	119911	119710	119182	119601	0.31	cps
Holmium	165-1	37098181	37787134	37445655	37443657	0.92	cps
Holmium	165-2	22487935	22434311	22556200	22492815	0.27	cps
Indium	115-1	31035278	31740867	31331895	31369347	1.13	cps
Indium	115-2	10148050	9929957	9897136	9991715	1.36	cps
Iron	56-2	1217489022	1214202355	1212711955	1214801111	0.20	cps
Iron	57-2	30142213	30062368	30009314	30071298	0.22	cps
Iron	54-2	66275299	66982832	65873642	66377258	0.85	cps
Krypton	83-1	610	660	630	633	3.97	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-02	Instrumnet Name :	P7
Client Sample ID :	MYE5B4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:08:57	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3558775	3491095	3487502	3512457	1.14	cps
Lead	207-1	3139973	3137013	3155315	3144100	0.31	cps
Lead	208-1	14204207	14174970	14260701	14213293	0.31	cps
Lithium	6-1	2709841	2688035	2614292	2670723	1.87	cps
Magnesium	24-2	10007569	10257250	10033036	10099285	1.36	cps
Manganese	55-2	88937079	89096669	88113715	88715821	0.59	cps
Molybdenum	94-1	189971	191214	191289	190825	0.39	cps
Molybdenum	95-1	34397	34841	34310	34516	0.83	cps
Molybdenum	96-1	81253	76864	76213	78110	3.51	cps
Molybdenum	97-1	19910	19944	20067	19974	0.41	cps
Molybdenum	98-1	50574	51293	51099	50989	0.73	cps
Neodymium	150-1	392101	391468	392992	392187	0.20	cps
Neodymium	150-2	207808	204438	206180	206142	0.82	cps
Nickel	60-2	358070	362912	356534	359172	0.93	cps
Phosphorus	31-2	56578	55708	55470	55918	1.04	cps
Potassium	39-2	7965889	7862043	7834604	7887512	0.88	cps
Rhodium	103-1	29056748	30097359	29424875	29526327	1.79	cps
Rhodium	103-2	17307686	17014930	17110340	17144319	0.87	cps
Scandium	45-1	15951407	16495809	16133449	16193555	1.71	cps
Scandium	45-2	1423579	1450851	1413631	1429354	1.35	cps
Selenium	82-1	2145	2204	2048	2132	3.70	cps
Selenium	77-2	837	710	787	778	8.20	cps
Selenium	78-2	1220	1107	993	1107	10.24	cps
Silicon	28-1	58306039	58679046	57771142	58252076	0.78	cps
Silver	107-1	52043	52371	52066	52160	0.35	cps
Silver	109-1	50474	49859	49658	49997	0.85	cps
Sodium	23-2	260737	264305	262036	262359	0.69	cps
Strontium	86-1	643970	645008	641312	643430	0.30	cps
Strontium	88-1	5702594	5646482	5659231	5669435	0.52	cps
Sulfur	34-1	202155	201969	203452	202526	0.40	cps
Terbium	159-1	38498764	38679982	38365899	38514882	0.41	cps
Terbium	159-2	22728093	22833470	22722422	22761328	0.27	cps
Thallium	203-1	15352	14691	14751	14932	2.45	cps
Thallium	205-1	35169	36121	35416	35569	1.39	cps
Tin	118-1	78532	79095	79062	78897	0.40	cps
Titanium	47-1	3763049	3809775	3733041	3768622	1.03	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-02	Instrumnet Name :	P7
Client Sample ID :	MYE5B4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:08:57	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	114937	116850	115125	115637	0.91	cps
Vanadium	51-2	2050474	2039954	2024306	2038245	0.65	cps
Yttrium	89-1	42625701	44292841	43892073	43603538	2.00	cps
Yttrium	89-2	10733709	10599723	10528826	10620753	0.98	cps
Zinc	66-2	799029	786525	795175	793576	0.81	cps
Zirconium	90-1	466653	483301	467330	472428	1.99	cps
Zirconium	91-1	104619	104758	105228	104868	0.30	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-03	Instrumnet Name :	P7
Client Sample ID :	MYE5B5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:11:54	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17398275	17322613	17148657	17289848	0.74	cps
Antimony	121-1	55159	55610	54790	55186	0.74	cps
Arsenic	75-2	184815	185328	185011	185051	0.14	cps
Barium	135-1	4437938	4476943	4471029	4461970	0.47	cps
Barium	137-1	7724994	7724644	7644551	7698063	0.60	cps
Beryllium	9-1	3734	3717	3734	3728	0.26	cps
Bismuth	209-1	21428014	21795887	21540045	21587982	0.87	cps
Bismuth	209-2	14756749	14645841	14833649	14745413	0.64	cps
Bromine	81-1	29406	29947	30689	30014	2.15	cps
Bromine	81-2	2597	2434	2507	2512	3.26	cps
Cadmium	108-1	2020	2304	2180	2168	6.55	cps
Cadmium	106-1	13987	14144	13426	13852	2.72	cps
Cadmium	111-1	27309	26980	27819	27369	1.54	cps
Calcium	43-1	570514	564032	557268	563938	1.17	cps
Calcium	44-1	8856182	8855799	8785265	8832415	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1111528	1100117	1096602	1102749	0.71	cps
Cobalt	59-2	1117283	1105997	1105707	1109663	0.59	cps
Copper	63-2	5376924	5396073	5393460	5388819	0.19	cps
Dysprosium	156-1	221497	222702	222155	222118	0.27	cps
Dysprosium	156-2	167040	167658	165928	166875	0.53	cps
Erbium	164-1	166212	165902	166962	166359	0.33	cps
Erbium	164-2	99441	100005	99454	99633	0.32	cps
Gadolinium	160-1	199457	199631	198384	199157	0.34	cps
Gadolinium	160-2	129862	128477	127141	128493	1.06	cps
Holmium	165-1	37092821	37262807	37622892	37326173	0.73	cps
Holmium	165-2	22505911	22588930	22151835	22415559	1.04	cps
Indium	115-1	31254805	31477592	31527960	31420119	0.46	cps
Indium	115-2	9965209	9848393	9899897	9904500	0.59	cps
Iron	56-2	1019983878	1008175718	1011808412	1013322669	0.60	cps
Iron	57-2	25380852	24822603	24585431	24929629	1.64	cps
Iron	54-2	55990713	55230446	55182356	55467838	0.82	cps
Krypton	83-1	717	660	663	680	4.68	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-03	Instrumnet Name :	P7
Client Sample ID :	MYE5B5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:11:54	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3349008	3373928	3439541	3387492	1.38	cps
Lead	207-1	2957524	2997107	3015682	2990104	0.99	cps
Lead	208-1	13597754	13628146	13679307	13635069	0.30	cps
Lithium	6-1	2581035	2611597	2545690	2579441	1.28	cps
Magnesium	24-2	12193285	12128038	11895599	12072307	1.30	cps
Manganese	55-2	41602359	41079997	41175921	41286092	0.67	cps
Molybdenum	94-1	267911	268704	264410	267008	0.86	cps
Molybdenum	95-1	21730	21947	21589	21755	0.83	cps
Molybdenum	96-1	76070	75956	76090	76038	0.09	cps
Molybdenum	97-1	13363	13173	13063	13199	1.15	cps
Molybdenum	98-1	32927	33899	33144	33324	1.53	cps
Neodymium	150-1	440056	447310	440013	442460	0.95	cps
Neodymium	150-2	229271	228610	228742	228874	0.15	cps
Nickel	60-2	434114	433310	433227	433550	0.11	cps
Phosphorus	31-2	67886	67910	66714	67503	1.01	cps
Potassium	39-2	8272001	8423693	8395525	8363740	0.96	cps
Rhodium	103-1	29346627	29456967	29604116	29469237	0.44	cps
Rhodium	103-2	17071285	17161992	16847569	17026948	0.95	cps
Scandium	45-1	16284786	16244986	16277485	16269086	0.13	cps
Scandium	45-2	1494608	1468352	1460461	1474474	1.21	cps
Selenium	82-1	1901	2012	2005	1973	3.15	cps
Selenium	77-2	750	820	770	780	4.62	cps
Selenium	78-2	1147	1123	1090	1120	2.54	cps
Silicon	28-1	85287282	83367264	83790472	84148339	1.20	cps
Silver	107-1	36319	36162	35376	35952	1.40	cps
Silver	109-1	33616	34020	34361	33999	1.10	cps
Sodium	23-2	241708	243373	241094	242058	0.49	cps
Strontium	86-1	672215	676167	676104	674829	0.34	cps
Strontium	88-1	5919059	5942963	5907316	5923113	0.31	cps
Sulfur	34-1	213922	207371	205982	209091	2.03	cps
Terbium	159-1	38187629	38602074	38328399	38372701	0.55	cps
Terbium	159-2	22631655	22677771	22549300	22619575	0.29	cps
Thallium	203-1	14224	14228	13971	14141	1.04	cps
Thallium	205-1	31964	32642	32990	32532	1.60	cps
Tin	118-1	83634	84563	83775	83991	0.60	cps
Titanium	47-1	3772556	3818021	3737532	3776036	1.07	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-03	Instrumnet Name :	P7
Client Sample ID :	MYE5B5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:11:54	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	117506	120166	119672	119115	1.19	cps
Vanadium	51-2	1863339	1883493	1854386	1867073	0.80	cps
Yttrium	89-1	43844374	43753656	43706836	43768289	0.16	cps
Yttrium	89-2	10726308	10696623	10514268	10645733	1.08	cps
Zinc	66-2	737851	737473	727484	734269	0.80	cps
Zirconium	90-1	687563	691010	688143	688905	0.27	cps
Zirconium	91-1	153146	153749	153684	153527	0.22	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:15:17	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26425972	26536321	26729245	26563846	0.58	cps
Antimony	121-1	13124282	13192410	13127670	13148120	0.29	cps
Arsenic	75-2	725417	720011	722081	722503	0.38	cps
Barium	135-1	15758405	16062620	15833008	15884678	1.00	cps
Barium	137-1	27263177	27909379	27441531	27538029	1.21	cps
Beryllium	9-1	1047097	1086049	1039163	1057436	2.37	cps
Bismuth	209-1	18843163	19276387	18904538	19008030	1.23	cps
Bismuth	209-2	13446321	13280407	13185463	13304064	0.99	cps
Bromine	81-1	19834	20761	20448	20348	2.32	cps
Bromine	81-2	220	263	220	234	10.67	cps
Cadmium	108-1	257348	260655	262861	260288	1.07	cps
Cadmium	106-1	372011	379523	377381	376305	1.03	cps
Cadmium	111-1	3408225	3435162	3442773	3428720	0.53	cps
Calcium	43-1	15740710	15947139	15890676	15859509	0.67	cps
Calcium	44-1	274858949	278138285	275158732	276051989	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5343992	5373779	5332201	5349991	0.40	cps
Cobalt	59-2	10255721	10324943	10227795	10269486	0.49	cps
Copper	63-2	65636161	66310082	65868712	65938318	0.52	cps
Dysprosium	156-1	627	597	550	591	6.54	cps
Dysprosium	156-2	973	893	907	924	4.64	cps
Erbium	164-1	813	730	690	744	8.45	cps
Erbium	164-2	430	363	473	422	13.12	cps
Gadolinium	160-1	623	590	643	619	4.35	cps
Gadolinium	160-2	1330	1400	1450	1393	4.33	cps
Holmium	165-1	34689532	35609704	35305685	35201641	1.33	cps
Holmium	165-2	21967876	22002533	21858551	21942987	0.34	cps
Indium	115-1	28690477	29007675	29222562	28973571	0.92	cps
Indium	115-2	9715491	9651328	9613284	9660035	0.53	cps
Iron	56-2	1179876942	1185805236	1176048436	1180576871	0.42	cps
Iron	57-2	29322226	29453054	29308150	29361143	0.27	cps
Iron	54-2	64441061	64679359	64548777	64556399	0.18	cps
Krypton	83-1	560	447	477	494	11.88	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:15:17	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	43517131	43512434	43227989	43419185	0.38	cps
Lead	207-1	37891838	37637887	37742109	37757278	0.34	cps
Lead	208-1	174515737	173502360	172853683	173623927	0.48	cps
Lithium	6-1	2613253	2707579	2692656	2671163	1.90	cps
Magnesium	24-2	228947423	228181750	226791910	227973694	0.48	cps
Manganese	55-2	39637617	39587439	39698137	39641064	0.14	cps
Molybdenum	94-1	46900236	47599216	47638799	47379417	0.88	cps
Molybdenum	95-1	67738579	68490594	69180426	68469866	1.05	cps
Molybdenum	96-1	74692781	75955324	76102199	75583434	1.03	cps
Molybdenum	97-1	42794685	43270646	43022071	43029134	0.55	cps
Molybdenum	98-1	110592942	110295535	111711972	110866816	0.67	cps
Neodymium	150-1	870	860	947	892	5.31	cps
Neodymium	150-2	283	273	290	282	2.97	cps
Nickel	60-2	2342142	2351768	2346223	2346711	0.21	cps
Phosphorus	31-2	270451	270481	271776	270902	0.28	cps
Potassium	39-2	137196678	137111971	137196905	137168518	0.04	cps
Rhodium	103-1	26665645	26916327	27246244	26942739	1.08	cps
Rhodium	103-2	15724408	15738654	15671966	15711676	0.22	cps
Scandium	45-1	15469004	15578326	15997079	15681470	1.78	cps
Scandium	45-2	1412786	1408322	1406163	1409091	0.24	cps
Selenium	82-1	208760	210024	210213	209666	0.38	cps
Selenium	77-2	20588	20725	20488	20600	0.58	cps
Selenium	78-2	69248	69576	69107	69310	0.35	cps
Silicon	28-1	7595680	7829363	7871586	7765543	1.91	cps
Silver	107-1	17369100	17554400	17377778	17433759	0.60	cps
Silver	109-1	16536736	16845851	16643994	16675527	0.94	cps
Sodium	23-2	366438595	365433995	372069421	367980670	0.97	cps
Strontium	86-1	4533762	4514538	4511536	4519945	0.27	cps
Strontium	88-1	39083217	39277856	39353394	39238156	0.36	cps
Sulfur	34-1	1196513	1232449	1231057	1220006	1.67	cps
Terbium	159-1	36271642	36287752	36327620	36295671	0.08	cps
Terbium	159-2	22173421	21979022	22049192	22067212	0.45	cps
Thallium	203-1	10708019	10738358	10667539	10704639	0.33	cps
Thallium	205-1	25838165	25917668	25736910	25830914	0.35	cps
Tin	118-1	10947655	10775792	11010670	10911372	1.11	cps
Titanium	47-1	15388346	15438529	15655442	15494106	0.92	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:15:17	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35245874	34630422	34707374	34861224	0.96	cps
Vanadium	51-2	4740039	4748273	4714442	4734252	0.37	cps
Yttrium	89-1	39854198	40516271	40513144	40294538	0.95	cps
Yttrium	89-2	10337929	10236759	10263038	10279242	0.51	cps
Zinc	66-2	9851561	9970251	9882545	9901452	0.62	cps
Zirconium	90-1	23015680	23235773	23121508	23124320	0.48	cps
Zirconium	91-1	5103812	5072104	5166666	5114194	0.94	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:17:58	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	623	617	2500	1247	87.07	cps
Antimony	121-1	4424	5698	7632	5918	27.29	cps
Arsenic	75-2	30	43	170	81	95.27	cps
Barium	135-1	760	667	410	612	29.60	cps
Barium	137-1	1490	1000	750	1080	34.86	cps
Beryllium	9-1	100	150	89	113	28.82	cps
Bismuth	209-1	20867297	20512786	20463253	20614445	1.07	cps
Bismuth	209-2	14571438	14580949	14669588	14607325	0.37	cps
Bromine	81-1	20234	19950	20110	20098	0.71	cps
Bromine	81-2	220	193	300	238	23.35	cps
Cadmium	108-1	30	40	37	36	14.32	cps
Cadmium	106-1	11591	11118	10287	10999	6.00	cps
Cadmium	111-1	1404	1346	1227	1326	6.82	cps
Calcium	43-1	1453	1063	947	1155	22.98	cps
Calcium	44-1	64587	58619	54629	59279	8.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2134	2237	2390	2254	5.73	cps
Cobalt	59-2	473	573	1414	820	62.98	cps
Copper	63-2	4834	4421	15733	8329	77.02	cps
Dysprosium	156-1	3	13	13	10	57.75	cps
Dysprosium	156-2	7	17	20	14	48.02	cps
Erbium	164-1	133	120	160	138	14.78	cps
Erbium	164-2	113	93	87	98	14.20	cps
Gadolinium	160-1	137	187	173	166	15.64	cps
Gadolinium	160-2	1093	1097	1187	1126	4.70	cps
Holmium	165-1	36187996	35236964	35367640	35597533	1.45	cps
Holmium	165-2	22158964	21924261	22024666	22035963	0.53	cps
Indium	115-1	31896168	31051723	30860638	31269509	1.76	cps
Indium	115-2	10310192	10170238	10167549	10215993	0.80	cps
Iron	56-2	52177	50086	95197	65820	38.68	cps
Iron	57-2	2274	2190	3989	2817	36.03	cps
Iron	54-2	6218	5818	8908	6981	24.07	cps
Krypton	83-1	417	490	507	471	10.16	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:17:58	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3397	2797	2147	2780	22.49	cps
Lead	207-1	2827	2324	1847	2332	21.01	cps
Lead	208-1	13409	10598	8568	10859	22.39	cps
Lithium	6-1	3056022	2850270	2899392	2935228	3.66	cps
Magnesium	24-2	7619	7138	12230	8996	31.25	cps
Manganese	55-2	1340	1317	3303	1987	57.39	cps
Molybdenum	94-1	4504	4334	4381	4406	1.99	cps
Molybdenum	95-1	4141	2994	2964	3366	19.94	cps
Molybdenum	96-1	4841	3791	3891	4174	13.89	cps
Molybdenum	97-1	2474	2120	1950	2181	12.24	cps
Molybdenum	98-1	6495	5051	4687	5411	17.67	cps
Neodymium	150-1	17	40	13	23	62.27	cps
Neodymium	150-2	13	10	63	29	103.43	cps
Nickel	60-2	273	260	520	351	41.71	cps
Phosphorus	31-2	333	267	310	303	11.15	cps
Potassium	39-2	103619	102616	105475	103903	1.40	cps
Rhodium	103-1	30636325	29756374	29761829	30051509	1.69	cps
Rhodium	103-2	17456099	17396428	17190380	17347636	0.80	cps
Scandium	45-1	16683260	16216342	16389135	16429579	1.44	cps
Scandium	45-2	1429914	1452054	1412983	1431650	1.37	cps
Selenium	82-1	1583	1547	1447	1526	4.65	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	590	607	607	601	1.60	cps
Silicon	28-1	1337783	1355239	1360545	1351189	0.88	cps
Silver	107-1	1723	1307	1000	1343	27.03	cps
Silver	109-1	1670	1293	957	1307	27.31	cps
Sodium	23-2	66660	65288	73719	68556	6.60	cps
Strontium	86-1	1050	1010	887	982	8.67	cps
Strontium	88-1	2300	1630	1190	1707	32.75	cps
Sulfur	34-1	269613	272404	270582	270866	0.52	cps
Terbium	159-1	37586801	36561147	35982063	36710004	2.21	cps
Terbium	159-2	22301912	22146420	22042076	22163469	0.59	cps
Thallium	203-1	2294	1923	1837	2018	12.02	cps
Thallium	205-1	5258	4841	4441	4846	8.43	cps
Tin	118-1	4911	4734	4848	4831	1.85	cps
Titanium	47-1	1047	747	590	794	29.21	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:17:58	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1730	1110	703	1181	43.78	cps
Vanadium	51-2	133	87	247	156	52.90	cps
Yttrium	89-1	42956704	40816687	40977344	41583579	2.87	cps
Yttrium	89-2	10392199	10373647	10317634	10361160	0.37	cps
Zinc	66-2	1177	1130	2987	1765	60.00	cps
Zirconium	90-1	6495	7075	7802	7124	9.19	cps
Zirconium	91-1	1437	1390	1503	1443	3.95	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03ADLX2	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 03:24:34	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16733226	16797830	16661146	16730734	0.41	cps
Antimony	121-1	29190	31037	31224	30483	3.69	cps
Arsenic	75-2	933306	940734	926240	933427	0.78	cps
Barium	135-1	1960636	2034151	1987069	1993952	1.87	cps
Barium	137-1	3409804	3472633	3443559	3441999	0.91	cps
Beryllium	9-1	1956	1811	1867	1878	3.88	cps
Bismuth	209-1	18980627	19002938	19439323	19140963	1.35	cps
Bismuth	209-2	13793673	13628780	13881583	13768012	0.93	cps
Bromine	81-1	23295	24784	24510	24197	3.28	cps
Bromine	81-2	1287	1227	1317	1277	3.59	cps
Cadmium	108-1	500	553	570	541	6.76	cps
Cadmium	106-1	11828	11611	11762	11734	0.95	cps
Cadmium	111-1	4192	4165	4247	4201	0.99	cps
Calcium	43-1	3072286	3130506	3098708	3100500	0.94	cps
Calcium	44-1	49465023	50657327	50435496	50185949	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3780201	3787375	3789918	3785831	0.13	cps
Cobalt	59-2	1631605	1638802	1620550	1630319	0.56	cps
Copper	63-2	1728676	1728262	1701357	1719432	0.91	cps
Dysprosium	156-1	110164	111874	114197	112078	1.81	cps
Dysprosium	156-2	82329	81407	82091	81943	0.58	cps
Erbium	164-1	102248	106156	106264	104889	2.18	cps
Erbium	164-2	68048	66336	65730	66705	1.80	cps
Gadolinium	160-1	110347	114933	113982	113088	2.14	cps
Gadolinium	160-2	77000	76501	74751	76084	1.55	cps
Holmium	165-1	34499625	34775125	35631335	34968695	1.69	cps
Holmium	165-2	21653510	21377305	21605890	21545568	0.69	cps
Indium	115-1	30077736	30974844	30586749	30546443	1.47	cps
Indium	115-2	10013503	10022820	10053407	10029910	0.21	cps
Iron	56-2	901132413	904441080	883455027	896342840	1.26	cps
Iron	57-2	22243577	22176981	22285638	22235399	0.25	cps
Iron	54-2	49516186	49427581	48796076	49246614	0.80	cps
Krypton	83-1	530	713	567	603	16.08	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03ADLX2	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 03:24:34	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	170624	173410	175507	173180	1.41	cps
Lead	207-1	142267	146268	146087	144874	1.56	cps
Lead	208-1	660903	679825	677383	672704	1.53	cps
Lithium	6-1	2945712	2819514	2748769	2837998	3.52	cps
Magnesium	24-2	22402218	22258659	21946816	22202564	1.05	cps
Manganese	55-2	25402956	24776434	24885098	25021496	1.34	cps
Molybdenum	94-1	134616	135502	130304	133474	2.08	cps
Molybdenum	95-1	16242	17017	16416	16558	2.45	cps
Molybdenum	96-1	47387	47634	48323	47781	1.01	cps
Molybdenum	97-1	9813	10340	10044	10066	2.62	cps
Molybdenum	98-1	24788	25840	25586	25404	2.16	cps
Neodymium	150-1	164927	171594	171971	169497	2.34	cps
Neodymium	150-2	93853	92977	92414	93081	0.78	cps
Nickel	60-2	1033676	1029478	1022985	1028713	0.52	cps
Phosphorus	31-2	25768	25682	25231	25560	1.13	cps
Potassium	39-2	2540824	2526382	2572177	2546461	0.92	cps
Rhodium	103-1	28683530	29278253	29317781	29093188	1.22	cps
Rhodium	103-2	17008035	16869780	16979472	16952429	0.43	cps
Scandium	45-1	17005106	17273684	17178151	17152313	0.79	cps
Scandium	45-2	1491198	1510078	1525254	1508843	1.13	cps
Selenium	82-1	1859	1724	1930	1838	5.69	cps
Selenium	77-2	363	430	407	400	8.46	cps
Selenium	78-2	903	930	1040	958	7.56	cps
Silicon	28-1	45481879	45702469	44568809	45251053	1.33	cps
Silver	107-1	2154	2040	2160	2118	3.18	cps
Silver	109-1	1783	1913	1980	1892	5.29	cps
Sodium	23-2	211209	211643	209579	210810	0.52	cps
Strontium	86-1	563335	576020	578557	572637	1.42	cps
Strontium	88-1	4901605	5050885	5048570	5000353	1.71	cps
Sulfur	34-1	276897	273028	270362	273429	1.20	cps
Terbium	159-1	35854170	35914953	36236303	36001809	0.57	cps
Terbium	159-2	21931536	21885025	21655607	21824056	0.68	cps
Thallium	203-1	5204	4828	4734	4922	5.06	cps
Thallium	205-1	12172	11688	11452	11771	3.12	cps
Tin	118-1	26057	27176	26798	26677	2.13	cps
Titanium	47-1	3315411	3442654	3376192	3378086	1.88	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4484-03ADLX2	Instrumnet Name :	P7
Client Sample ID :	MYE4H2ARE	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 03:24:34	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43304	44196	43865	43788	1.03	cps
Vanadium	51-2	1982753	1963632	1974269	1973551	0.49	cps
Yttrium	89-1	42152929	43545413	43532734	43077025	1.86	cps
Yttrium	89-2	10847432	10658003	10721467	10742301	0.90	cps
Zinc	66-2	239626	237668	239372	238889	0.45	cps
Zirconium	90-1	319356	331291	329339	326662	1.96	cps
Zirconium	91-1	73032	75613	74428	74357	1.74	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-04	Instrumnet Name :	P7
Client Sample ID :	MYE5B6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:27:34	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22250313	22187019	22332976	22256769	0.33	cps
Antimony	121-1	50451	50866	51542	50953	1.08	cps
Arsenic	75-2	196722	192228	193365	194105	1.20	cps
Barium	135-1	3612756	3642844	3651817	3635805	0.56	cps
Barium	137-1	6226710	6283386	6245043	6251713	0.46	cps
Beryllium	9-1	3934	3917	3517	3789	6.23	cps
Bismuth	209-1	20671561	20920347	21209405	20933771	1.29	cps
Bismuth	209-2	14164896	14386774	14424298	14325323	0.98	cps
Bromine	81-1	30114	30047	30892	30351	1.55	cps
Bromine	81-2	2387	2397	2534	2439	3.36	cps
Cadmium	108-1	2590	2494	2660	2581	3.24	cps
Cadmium	106-1	16126	15335	14811	15424	4.29	cps
Cadmium	111-1	31263	31210	31396	31290	0.31	cps
Calcium	43-1	789599	789965	779056	786207	0.79	cps
Calcium	44-1	12316706	12380466	12147743	12281638	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1448717	1435534	1426135	1436795	0.79	cps
Cobalt	59-2	1319141	1304997	1305844	1309994	0.61	cps
Copper	63-2	6806058	6798949	6715697	6773568	0.74	cps
Dysprosium	156-1	275914	274953	274213	275027	0.31	cps
Dysprosium	156-2	212699	207676	211619	210665	1.26	cps
Erbium	164-1	189055	189230	192022	190102	0.88	cps
Erbium	164-2	116010	114480	115163	115218	0.66	cps
Gadolinium	160-1	244007	243716	242081	243268	0.43	cps
Gadolinium	160-2	158752	157147	157012	157637	0.61	cps
Holmium	165-1	35978836	36205289	37056620	36413582	1.56	cps
Holmium	165-2	22068796	21929636	22306112	22101515	0.86	cps
Indium	115-1	31050856	31875359	31549090	31491768	1.32	cps
Indium	115-2	10341518	10216430	10253219	10270389	0.63	cps
Iron	56-2	977316625	976955745	978075612	977449328	0.06	cps
Iron	57-2	24450063	24374097	24290312	24371491	0.33	cps
Iron	54-2	53799939	53412586	53569781	53594102	0.36	cps
Krypton	83-1	783	743	723	750	4.07	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-04	Instrumnet Name :	P7
Client Sample ID :	MYE5B6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:27:34	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3031850	2951894	3046661	3010135	1.69	cps
Lead	207-1	2670156	2649198	2657522	2658959	0.40	cps
Lead	208-1	12317198	12076326	12238992	12210839	1.01	cps
Lithium	6-1	2694181	2641975	2606695	2647617	1.66	cps
Magnesium	24-2	14404285	14445484	14457885	14435885	0.19	cps
Manganese	55-2	26535857	26522160	26673587	26577202	0.32	cps
Molybdenum	94-1	394014	392438	394107	393519	0.24	cps
Molybdenum	95-1	21089	20311	20471	20624	1.99	cps
Molybdenum	96-1	98408	98177	96355	97647	1.15	cps
Molybdenum	97-1	12562	12495	12535	12531	0.27	cps
Molybdenum	98-1	32887	33037	32129	32684	1.49	cps
Neodymium	150-1	581533	585359	582894	583262	0.33	cps
Neodymium	150-2	303270	305449	302248	303656	0.54	cps
Nickel	60-2	565084	562702	564879	564222	0.23	cps
Phosphorus	31-2	87887	87907	86764	87519	0.75	cps
Potassium	39-2	9616221	9485489	9481845	9527852	0.80	cps
Rhodium	103-1	29768495	30165066	30323779	30085780	0.95	cps
Rhodium	103-2	17525437	17358321	17371567	17418442	0.53	cps
Scandium	45-1	17055024	17158840	17106371	17106745	0.30	cps
Scandium	45-2	1577678	1548704	1530619	1552334	1.53	cps
Selenium	82-1	2208	2205	2309	2241	2.64	cps
Selenium	77-2	1020	1107	1073	1067	4.10	cps
Selenium	78-2	1400	1537	1563	1500	5.84	cps
Silicon	28-1	87986692	86650752	84798884	86478776	1.85	cps
Silver	107-1	38892	38835	40283	39337	2.08	cps
Silver	109-1	37475	37084	36990	37183	0.69	cps
Sodium	23-2	311666	310622	312630	311639	0.32	cps
Strontium	86-1	999618	996138	989979	995245	0.49	cps
Strontium	88-1	8769098	8663902	8761314	8731438	0.67	cps
Sulfur	34-1	253805	233705	221671	236394	6.87	cps
Terbium	159-1	36924143	37216671	38353449	37498087	2.01	cps
Terbium	159-2	22975612	22381358	22589088	22648686	1.33	cps
Thallium	203-1	11688	11515	11949	11717	1.86	cps
Thallium	205-1	27675	28133	27478	27762	1.21	cps
Tin	118-1	88161	90163	88865	89063	1.14	cps
Titanium	47-1	4695233	4667138	4619037	4660469	0.83	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-04	Instrumnet Name :	P7
Client Sample ID :	MYE5B6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:27:34	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	124088	126224	126887	125733	1.16	cps
Vanadium	51-2	1746320	1672610	1730722	1716550	2.26	cps
Yttrium	89-1	45074994	45148846	45591704	45271848	0.62	cps
Yttrium	89-2	11339344	11379676	11239528	11319516	0.64	cps
Zinc	66-2	858555	856151	857907	857538	0.15	cps
Zirconium	90-1	1047990	1036160	1041795	1041982	0.57	cps
Zirconium	91-1	232063	233939	230127	232043	0.82	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05	Instrumnet Name :	P7
Client Sample ID :	MYE5B7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:30:31	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15775799	15586986	15560989	15641258	0.75	cps
Antimony	121-1	96676	97709	96407	96930	0.71	cps
Arsenic	75-2	279140	277264	271830	276078	1.38	cps
Barium	135-1	4922091	4924874	4970604	4939190	0.55	cps
Barium	137-1	8524179	8438779	8530241	8497733	0.60	cps
Beryllium	9-1	3006	2856	2961	2941	2.62	cps
Bismuth	209-1	21035438	20830148	21071359	20978981	0.62	cps
Bismuth	209-2	14548961	14426525	14399177	14458221	0.55	cps
Bromine	81-1	28361	29396	29232	28996	1.92	cps
Bromine	81-2	2047	1987	2017	2017	1.49	cps
Cadmium	108-1	2170	2187	2310	2222	3.44	cps
Cadmium	106-1	14157	14317	13636	14037	2.54	cps
Cadmium	111-1	30016	29979	29691	29895	0.60	cps
Calcium	43-1	688957	693273	687644	689958	0.43	cps
Calcium	44-1	10843341	10858072	10781576	10827663	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1027813	1017965	1020483	1022087	0.50	cps
Cobalt	59-2	1181972	1180230	1172285	1178162	0.44	cps
Copper	63-2	5884851	5961325	5926983	5924386	0.65	cps
Dysprosium	156-1	159464	158702	157630	158599	0.58	cps
Dysprosium	156-2	122431	120989	120622	121347	0.79	cps
Erbium	164-1	117526	118373	119392	118430	0.79	cps
Erbium	164-2	71384	71123	70741	71083	0.45	cps
Gadolinium	160-1	137047	140062	138995	138701	1.10	cps
Gadolinium	160-2	91107	90121	89443	90224	0.93	cps
Holmium	165-1	36430591	36443616	36655367	36509858	0.35	cps
Holmium	165-2	22566779	22461818	22047866	22358821	1.23	cps
Indium	115-1	31780229	31546668	31736337	31687745	0.39	cps
Indium	115-2	10436510	10344718	10195168	10325465	1.18	cps
Iron	56-2	1036674465	1041729984	1035459291	1037954580	0.32	cps
Iron	57-2	25798811	25536308	25666049	25667056	0.51	cps
Iron	54-2	57170291	57211984	56991666	57124647	0.20	cps
Krypton	83-1	677	593	700	657	8.54	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05	Instrumnet Name :	P7
Client Sample ID :	MYE5B7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:30:31	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3511169	3528967	3504088	3514741	0.36	cps
Lead	207-1	3191246	3165725	3089434	3148802	1.68	cps
Lead	208-1	14379353	14346311	14203321	14309662	0.65	cps
Lithium	6-1	2598210	2493418	2402533	2498054	3.92	cps
Magnesium	24-2	13009447	12867631	12926841	12934640	0.55	cps
Manganese	55-2	50250939	50224333	49810944	50095405	0.49	cps
Molybdenum	94-1	201747	204696	204359	203600	0.79	cps
Molybdenum	95-1	34454	34471	35449	34791	1.64	cps
Molybdenum	96-1	78402	79173	78965	78847	0.51	cps
Molybdenum	97-1	21479	21446	21082	21336	1.03	cps
Molybdenum	98-1	54471	53892	54765	54376	0.82	cps
Neodymium	150-1	294570	297100	293823	295164	0.58	cps
Neodymium	150-2	155983	153422	152678	154028	1.13	cps
Nickel	60-2	435125	429095	433412	432544	0.72	cps
Phosphorus	31-2	57651	58140	57618	57803	0.51	cps
Potassium	39-2	7796366	7777322	7825318	7799669	0.31	cps
Rhodium	103-1	30153327	30147328	30167451	30156035	0.03	cps
Rhodium	103-2	17816175	17623338	17589547	17676353	0.69	cps
Scandium	45-1	16846397	16800754	16530704	16725952	1.02	cps
Scandium	45-2	1557182	1547220	1556263	1553555	0.35	cps
Selenium	82-1	2053	2079	2134	2088	1.97	cps
Selenium	77-2	537	657	567	587	10.65	cps
Selenium	78-2	1043	1030	1043	1039	0.74	cps
Silicon	28-1	85889599	84424910	84409795	84908102	1.00	cps
Silver	107-1	24334	24775	24170	24426	1.28	cps
Silver	109-1	23359	23279	22995	23211	0.82	cps
Sodium	23-2	275152	275772	275895	275607	0.14	cps
Strontium	86-1	629815	631929	624195	628646	0.64	cps
Strontium	88-1	5547073	5462259	5478832	5496055	0.82	cps
Sulfur	34-1	216951	212558	207725	212411	2.17	cps
Terbium	159-1	37593959	37825836	37890596	37770131	0.41	cps
Terbium	159-2	22548980	22996360	22503465	22682935	1.20	cps
Thallium	203-1	13453	13684	14041	13726	2.16	cps
Thallium	205-1	32953	33204	32709	32955	0.75	cps
Tin	118-1	76461	77507	77198	77056	0.70	cps
Titanium	47-1	3116379	3067769	3084274	3089474	0.80	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05	Instrumnet Name :	P7
Client Sample ID :	MYE5B7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:30:31	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	83415	86126	84623	84721	1.60	cps
Vanadium	51-2	1919588	1923353	1931435	1924792	0.31	cps
Yttrium	89-1	44752334	44344828	44027741	44374968	0.82	cps
Yttrium	89-2	11215923	11052968	10898604	11055832	1.44	cps
Zinc	66-2	819164	823815	809059	817346	0.92	cps
Zirconium	90-1	496129	502717	500981	499942	0.68	cps
Zirconium	91-1	109982	112296	112484	111587	1.25	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-06	Instrumnet Name :	P7
Client Sample ID :	MYE5B7D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:33:32	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15523022	15102335	15308906	15311421	1.37	cps
Antimony	121-1	96994	97155	96598	96916	0.30	cps
Arsenic	75-2	275714	271287	273307	273436	0.81	cps
Barium	135-1	4858451	4829819	4788915	4825729	0.72	cps
Barium	137-1	8405890	8342674	8326515	8358360	0.50	cps
Beryllium	9-1	2873	3011	2723	2869	5.04	cps
Bismuth	209-1	20710853	20792603	21125074	20876177	1.05	cps
Bismuth	209-2	14642449	14462883	14334056	14479796	1.07	cps
Bromine	81-1	28584	29466	29496	29182	1.77	cps
Bromine	81-2	2037	2214	2023	2091	5.07	cps
Cadmium	108-1	2154	2177	2267	2199	2.72	cps
Cadmium	106-1	14157	13683	13823	13888	1.75	cps
Cadmium	111-1	29606	29514	29261	29460	0.61	cps
Calcium	43-1	687003	677853	678441	681099	0.75	cps
Calcium	44-1	10617094	10737898	10530418	10628470	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1018064	1009025	1006338	1011142	0.61	cps
Cobalt	59-2	1139135	1133736	1129576	1134149	0.42	cps
Copper	63-2	5840263	5846275	5775551	5820696	0.67	cps
Dysprosium	156-1	155784	155632	154526	155314	0.44	cps
Dysprosium	156-2	119331	116142	116656	117376	1.46	cps
Erbium	164-1	117496	117727	117654	117626	0.10	cps
Erbium	164-2	70400	71069	70540	70670	0.50	cps
Gadolinium	160-1	137402	136948	137759	137370	0.30	cps
Gadolinium	160-2	89427	89289	89417	89377	0.09	cps
Holmium	165-1	36264116	37083501	36793648	36713755	1.13	cps
Holmium	165-2	22452782	22164931	22205440	22274384	0.70	cps
Indium	115-1	31292915	31279802	31380790	31317836	0.18	cps
Indium	115-2	10242156	10149231	10042281	10144556	0.99	cps
Iron	56-2	1001725745	1008873478	1012221798	1007607007	0.53	cps
Iron	57-2	24779360	24596564	24551972	24642632	0.49	cps
Iron	54-2	55762033	55005083	54713128	55160081	0.98	cps
Krypton	83-1	677	633	537	616	11.64	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-06	Instrumnet Name :	P7
Client Sample ID :	MYE5B7D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:33:32	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3474175	3445411	3478311	3465966	0.52	cps
Lead	207-1	3136447	3134264	3052747	3107819	1.54	cps
Lead	208-1	14175030	14060485	13992921	14076145	0.65	cps
Lithium	6-1	2409157	2487445	2475486	2457362	1.72	cps
Magnesium	24-2	12877534	12547707	12384901	12603381	1.99	cps
Manganese	55-2	47508248	47244978	46936604	47229943	0.61	cps
Molybdenum	94-1	200716	200575	197118	199470	1.02	cps
Molybdenum	95-1	33472	33903	33722	33699	0.64	cps
Molybdenum	96-1	78094	77360	76221	77225	1.22	cps
Molybdenum	97-1	20892	20207	20237	20446	1.89	cps
Molybdenum	98-1	52862	52634	51892	52463	0.97	cps
Neodymium	150-1	289137	291184	289378	289900	0.39	cps
Neodymium	150-2	150676	149733	147766	149391	0.99	cps
Nickel	60-2	421794	421338	416561	419898	0.69	cps
Phosphorus	31-2	57274	56594	55226	56364	1.85	cps
Potassium	39-2	7557523	7681197	7665311	7634677	0.88	cps
Rhodium	103-1	29862048	29826130	30053653	29913943	0.41	cps
Rhodium	103-2	17346653	17500154	17230383	17359064	0.78	cps
Scandium	45-1	16420147	16323591	16377307	16373682	0.30	cps
Scandium	45-2	1514992	1514551	1484620	1504721	1.16	cps
Selenium	82-1	1980	2068	2199	2083	5.29	cps
Selenium	77-2	557	633	543	578	8.41	cps
Selenium	78-2	1223	1097	1150	1157	5.50	cps
Silicon	28-1	83502899	81258414	80610402	81790572	1.86	cps
Silver	107-1	24962	24217	23739	24306	2.53	cps
Silver	109-1	22838	23536	23098	23157	1.52	cps
Sodium	23-2	272031	266243	265167	267814	1.38	cps
Strontium	86-1	614854	615803	611707	614122	0.35	cps
Strontium	88-1	5393095	5361273	5340103	5364824	0.50	cps
Sulfur	34-1	213670	213747	211908	213108	0.49	cps
Terbium	159-1	37260362	37588909	38109029	37652767	1.14	cps
Terbium	159-2	22768595	22244023	22246651	22419757	1.35	cps
Thallium	203-1	13764	13784	13574	13707	0.85	cps
Thallium	205-1	31877	32024	32422	32108	0.88	cps
Tin	118-1	73245	73714	74408	73789	0.79	cps
Titanium	47-1	3030932	3016452	2996234	3014540	0.58	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-06	Instrumnet Name :	P7
Client Sample ID :	MYE5B7D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:33:32	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	82902	83184	82896	82994	0.20	cps
Vanadium	51-2	1876451	1879026	1852210	1869229	0.79	cps
Yttrium	89-1	43540608	43585956	43666294	43597619	0.15	cps
Yttrium	89-2	10860588	11039079	10745284	10881650	1.36	cps
Zinc	66-2	802801	793635	796547	797661	0.59	cps
Zirconium	90-1	490468	491840	487319	489876	0.47	cps
Zirconium	91-1	109855	109260	109014	109376	0.40	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5B7L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 03:36:30	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3112979	3127660	3130642	3123760	0.30	cps
Antimony	121-1	19173	19657	19333	19388	1.27	cps
Arsenic	75-2	56360	56959	56038	56452	0.83	cps
Barium	135-1	984285	978165	975099	979183	0.48	cps
Barium	137-1	1712548	1692306	1696901	1700585	0.62	cps
Beryllium	9-1	544	683	572	600	12.25	cps
Bismuth	209-1	21750601	22297020	21984423	22010681	1.25	cps
Bismuth	209-2	14830069	14546755	14548753	14641859	1.11	cps
Bromine	81-1	22290	22691	22497	22493	0.89	cps
Bromine	81-2	583	473	557	538	10.67	cps
Cadmium	108-1	493	450	500	481	5.64	cps
Cadmium	106-1	11238	11625	10764	11209	3.85	cps
Cadmium	111-1	7117	6928	6599	6881	3.81	cps
Calcium	43-1	139581	139666	139033	139427	0.25	cps
Calcium	44-1	2182525	2210578	2208528	2200544	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	204102	201609	202826	202846	0.61	cps
Cobalt	59-2	239035	235917	238858	237937	0.74	cps
Copper	63-2	1220299	1213757	1211884	1215313	0.36	cps
Dysprosium	156-1	31398	31963	31769	31710	0.90	cps
Dysprosium	156-2	24445	24662	24875	24661	0.87	cps
Erbium	164-1	23233	23309	23460	23334	0.49	cps
Erbium	164-2	14571	14761	14494	14609	0.94	cps
Gadolinium	160-1	27711	27878	27727	27772	0.33	cps
Gadolinium	160-2	18452	19410	18923	18928	2.53	cps
Holmium	165-1	37684403	38317410	37492461	37831425	1.14	cps
Holmium	165-2	22371326	22431451	22444051	22415610	0.17	cps
Indium	115-1	32582816	33694931	33001879	33093209	1.70	cps
Indium	115-2	10490551	10575517	10356587	10474218	1.05	cps
Iron	56-2	206892964	206870230	206488270	206750488	0.11	cps
Iron	57-2	5110224	5128471	5033907	5090867	0.99	cps
Iron	54-2	11209334	11239897	11297204	11248811	0.40	cps
Krypton	83-1	473	473	593	513	13.50	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5B7L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 03:36:30	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	723605	722656	726128	724130	0.25	cps
Lead	207-1	647954	642096	638238	642762	0.76	cps
Lead	208-1	2921115	2921312	2922897	2921775	0.03	cps
Lithium	6-1	2685513	2743239	2783746	2737499	1.80	cps
Magnesium	24-2	2606257	2597928	2594961	2599715	0.23	cps
Manganese	55-2	10013139	10004410	9944839	9987463	0.37	cps
Molybdenum	94-1	39313	40208	39580	39700	1.16	cps
Molybdenum	95-1	6938	7022	7155	7038	1.55	cps
Molybdenum	96-1	15668	15378	15919	15655	1.73	cps
Molybdenum	97-1	4087	4187	4231	4168	1.76	cps
Molybdenum	98-1	10684	10931	11098	10904	1.91	cps
Neodymium	150-1	57426	59150	58196	58258	1.48	cps
Neodymium	150-2	31331	30981	31322	31211	0.64	cps
Nickel	60-2	88348	87255	87128	87577	0.77	cps
Phosphorus	31-2	12348	12035	11788	12057	2.33	cps
Potassium	39-2	1620041	1613440	1610867	1614783	0.29	cps
Rhodium	103-1	31493748	32634016	31615528	31914431	1.96	cps
Rhodium	103-2	18225272	17780313	17543719	17849768	1.94	cps
Scandium	45-1	16892531	17222183	16854498	16989737	1.19	cps
Scandium	45-2	1488450	1464251	1463609	1472104	0.96	cps
Selenium	82-1	1770	1718	1596	1695	5.28	cps
Selenium	77-2	130	123	133	129	3.95	cps
Selenium	78-2	800	653	727	727	10.09	cps
Silicon	28-1	18102389	18122147	18326767	18183768	0.68	cps
Silver	107-1	4971	4934	5191	5032	2.76	cps
Silver	109-1	4874	4717	4878	4823	1.90	cps
Sodium	23-2	104991	104518	104733	104748	0.23	cps
Strontium	86-1	124050	124870	126924	125281	1.18	cps
Strontium	88-1	1088305	1093729	1087431	1089822	0.31	cps
Sulfur	34-1	186479	185002	184590	185357	0.54	cps
Terbium	159-1	38818384	39685021	38694983	39066129	1.38	cps
Terbium	159-2	23058455	22528588	22518374	22701806	1.36	cps
Thallium	203-1	3034	2860	3107	3000	4.22	cps
Thallium	205-1	7502	7642	7285	7477	2.40	cps
Tin	118-1	18646	18322	18068	18345	1.58	cps
Titanium	47-1	619254	611004	609034	613097	0.88	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5B7L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 03:36:30	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16944	16894	16974	16938	0.24	cps
Vanadium	51-2	376816	373362	375378	375186	0.46	cps
Yttrium	89-1	44157913	45089379	43994664	44413985	1.33	cps
Yttrium	89-2	10777497	10782942	10718647	10759695	0.33	cps
Zinc	66-2	170053	167959	168093	168702	0.69	cps
Zirconium	90-1	97390	97625	96917	97311	0.37	cps
Zirconium	91-1	21803	21479	21699	21661	0.76	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-07	Instrumnet Name :	P7
Client Sample ID :	MYE5B7S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:39:40	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15272723	15279478	15314530	15288910	0.15	cps
Antimony	121-1	1572981	1595573	1585677	1584744	0.71	cps
Arsenic	75-2	295754	294471	294992	295072	0.22	cps
Barium	135-1	11982919	12069978	12163337	12072078	0.75	cps
Barium	137-1	20905263	20841291	21112913	20953156	0.68	cps
Beryllium	9-1	59882	59474	59017	59458	0.73	cps
Bismuth	209-1	21821819	22290713	22293086	22135206	1.23	cps
Bismuth	209-2	15679552	15723133	14448086	15283590	4.74	cps
Bromine	81-1	28708	29032	29246	28995	0.93	cps
Bromine	81-2	1940	1843	1953	1912	3.14	cps
Cadmium	108-1	15749	15011	15525	15428	2.45	cps
Cadmium	106-1	31845	32396	32543	32261	1.14	cps
Cadmium	111-1	217123	219537	221641	219434	1.03	cps
Calcium	43-1	654700	652039	651092	652610	0.29	cps
Calcium	44-1	10190019	10204411	10202559	10198996	0.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2209478	2206980	2232348	2216269	0.63	cps
Cobalt	59-2	7015755	6994114	7026676	7012181	0.24	cps
Copper	63-2	7481168	7609374	7658057	7582867	1.21	cps
Dysprosium	156-1	149215	152353	152752	151440	1.28	cps
Dysprosium	156-2	115345	115110	116807	115754	0.79	cps
Erbium	164-1	110611	112552	113423	112195	1.28	cps
Erbium	164-2	69261	68815	68684	68920	0.44	cps
Gadolinium	160-1	131908	132718	132681	132436	0.35	cps
Gadolinium	160-2	86776	85757	86659	86398	0.65	cps
Holmium	165-1	37557502	39181976	39246409	38661962	2.48	cps
Holmium	165-2	24500091	24479904	22270616	23750204	5.40	cps
Indium	115-1	32486923	33523095	33108902	33039640	1.58	cps
Indium	115-2	11068355	10840555	10010040	10639650	5.24	cps
Iron	56-2	991258172	970582226	985509239	982449879	1.09	cps
Iron	57-2	24109233	24342802	24302152	24251396	0.51	cps
Iron	54-2	52735138	53629688	54010121	53458315	1.22	cps
Krypton	83-1	660	647	623	643	2.89	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-07	Instrumnet Name :	P7
Client Sample ID :	MYE5B7S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:39:40	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3438663	3564415	3624262	3542447	2.67	cps
Lead	207-1	3091805	3177646	3245416	3171623	2.43	cps
Lead	208-1	14154097	14449664	14654048	14419270	1.74	cps
Lithium	6-1	2761539	2660221	2669474	2697078	2.08	cps
Magnesium	24-2	12188639	12236306	12235889	12220278	0.22	cps
Manganese	55-2	48682631	48331966	49442434	48819010	1.16	cps
Molybdenum	94-1	188666	193397	192085	191383	1.28	cps
Molybdenum	95-1	32396	32803	33378	32859	1.50	cps
Molybdenum	96-1	73664	74576	74649	74296	0.74	cps
Molybdenum	97-1	19333	20081	20234	19883	2.42	cps
Molybdenum	98-1	50972	51316	51132	51140	0.34	cps
Neodymium	150-1	274978	276522	278482	276661	0.63	cps
Neodymium	150-2	145381	147119	148338	146946	1.01	cps
Nickel	60-2	1775739	1793476	1773028	1780748	0.62	cps
Phosphorus	31-2	54905	53788	55062	54585	1.27	cps
Potassium	39-2	7183697	7191903	7283562	7219721	0.77	cps
Rhodium	103-1	30995225	32015219	31197220	31402555	1.72	cps
Rhodium	103-2	19050483	18820591	17255718	18375598	5.31	cps
Scandium	45-1	17012870	17355176	17239111	17202386	1.01	cps
Scandium	45-2	1607948	1624293	1468845	1567028	5.45	cps
Selenium	82-1	30068	29888	29930	29962	0.31	cps
Selenium	77-2	3240	3137	3270	3216	2.18	cps
Selenium	78-2	10003	9733	10120	9952	1.99	cps
Silicon	28-1	80186390	80557264	79620117	80121257	0.59	cps
Silver	107-1	883162	891555	895048	889922	0.69	cps
Silver	109-1	853052	851853	860249	855051	0.53	cps
Sodium	23-2	251174	251804	254143	252374	0.62	cps
Strontium	86-1	592773	591899	590016	591562	0.24	cps
Strontium	88-1	5072072	5077692	5085828	5078531	0.14	cps
Sulfur	34-1	221847	219043	217468	219453	1.01	cps
Terbium	159-1	38561838	40223151	39579403	39454797	2.12	cps
Terbium	159-2	24672020	24422774	22284918	23793237	5.51	cps
Thallium	203-1	648622	663126	667764	659838	1.51	cps
Thallium	205-1	1539036	1572626	1581175	1564279	1.42	cps
Tin	118-1	69795	71412	72521	71243	1.92	cps
Titanium	47-1	2924233	2860165	2912119	2898839	1.17	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-07	Instrumnet Name :	P7
Client Sample ID :	MYE5B7S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:39:40	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	78355	80525	81671	80184	2.10	cps
Vanadium	51-2	4447087	4504743	4463966	4471932	0.66	cps
Yttrium	89-1	44835639	45814404	45128044	45259363	1.11	cps
Yttrium	89-2	11880962	11721105	10648140	11416736	5.87	cps
Zinc	66-2	1367612	1373068	1374602	1371761	0.27	cps
Zirconium	90-1	468473	466050	468987	467836	0.34	cps
Zirconium	91-1	104868	104804	104777	104816	0.04	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05MS	Instrumnet Name :	P7
Client Sample ID :	MYE5B7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:42:34	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17202121	17390935	17620085	17404380	1.20	cps
Antimony	121-1	7843154	7797341	7851223	7830573	0.37	cps
Arsenic	75-2	417469	415745	414569	415928	0.35	cps
Barium	135-1	43360694	42605084	42329965	42765248	1.25	cps
Barium	137-1	74595386	74442952	73756881	74265073	0.60	cps
Beryllium	9-1	294658	286454	285578	288896	1.73	cps
Bismuth	209-1	21835368	21693221	21660838	21729809	0.43	cps
Bismuth	209-2	14469251	14667320	14390728	14509100	0.98	cps
Bromine	81-1	28641	28110	28337	28363	0.94	cps
Bromine	81-2	1893	1713	1843	1817	5.11	cps
Cadmium	108-1	70993	70819	69910	70574	0.82	cps
Cadmium	106-1	108582	109049	108545	108725	0.26	cps
Cadmium	111-1	1018011	1021672	1008401	1016028	0.67	cps
Calcium	43-1	653809	649284	642348	648480	0.89	cps
Calcium	44-1	10757074	10665762	10369249	10597362	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7343215	7275497	7237793	7285502	0.73	cps
Cobalt	59-2	30599509	30269039	29945461	30271337	1.08	cps
Copper	63-2	14864641	14705455	14683728	14751275	0.67	cps
Dysprosium	156-1	153417	155116	152781	153771	0.79	cps
Dysprosium	156-2	116962	114979	114674	115538	1.08	cps
Erbium	164-1	114844	114565	113658	114355	0.54	cps
Erbium	164-2	70098	68182	68647	68976	1.45	cps
Gadolinium	160-1	134630	134303	134667	134533	0.15	cps
Gadolinium	160-2	86485	85975	86193	86218	0.30	cps
Holmium	165-1	37874959	37845487	37137199	37619215	1.11	cps
Holmium	165-2	22250010	22354074	22209006	22271030	0.34	cps
Indium	115-1	32039049	31714071	31627393	31793504	0.68	cps
Indium	115-2	10030268	9995054	9949719	9991680	0.40	cps
Iron	56-2	991779985	987819399	981283265	986960883	0.54	cps
Iron	57-2	24477665	24201147	24137832	24272215	0.74	cps
Iron	54-2	53846413	54168486	53825221	53946706	0.36	cps
Krypton	83-1	653	640	630	641	1.83	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05MS	Instrumnet Name :	P7
Client Sample ID :	MYE5B7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:42:34	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4583339	4550982	4575401	4569907	0.37	cps
Lead	207-1	4041092	4047431	4102923	4063815	0.84	cps
Lead	208-1	18379720	18349816	18545995	18425177	0.57	cps
Lithium	6-1	2695924	2527097	2553536	2592186	3.50	cps
Magnesium	24-2	12135169	11968511	12085459	12063046	0.71	cps
Manganese	55-2	56852777	57375729	56998926	57075811	0.47	cps
Molybdenum	94-1	191211	193674	190360	191748	0.90	cps
Molybdenum	95-1	33465	34003	33675	33714	0.80	cps
Molybdenum	96-1	74780	74626	74016	74474	0.54	cps
Molybdenum	97-1	20077	20715	19740	20177	2.45	cps
Molybdenum	98-1	51935	52919	52353	52402	0.94	cps
Neodymium	150-1	282231	285283	286604	284706	0.79	cps
Neodymium	150-2	148211	145314	146170	146565	1.02	cps
Nickel	60-2	7271296	7155866	7123575	7183579	1.08	cps
Phosphorus	31-2	52811	52092	53236	52713	1.10	cps
Potassium	39-2	7060253	6982578	7002081	7014971	0.58	cps
Rhodium	103-1	30510630	30559740	29745389	30271920	1.51	cps
Rhodium	103-2	17413833	17116235	17149658	17226576	0.95	cps
Scandium	45-1	16623659	16559853	16126680	16436731	1.65	cps
Scandium	45-2	1472384	1441602	1447641	1453876	1.12	cps
Selenium	82-1	140264	141706	140462	140810	0.56	cps
Selenium	77-2	13166	13126	12952	13081	0.87	cps
Selenium	78-2	43474	43875	44436	43928	1.10	cps
Silicon	28-1	80228122	81058589	80089295	80458669	0.65	cps
Silver	107-1	4410945	4422848	4346218	4393337	0.94	cps
Silver	109-1	4209615	4239386	4161363	4203455	0.94	cps
Sodium	23-2	253674	251150	251009	251944	0.60	cps
Strontium	86-1	591360	590652	588185	590066	0.28	cps
Strontium	88-1	5228130	5161248	5170894	5186757	0.70	cps
Sulfur	34-1	221952	219135	218291	219792	0.87	cps
Terbium	159-1	38031462	38688690	38814428	38511527	1.09	cps
Terbium	159-2	22529602	22573014	22552511	22551709	0.10	cps
Thallium	203-1	3335990	3304173	3268482	3302882	1.02	cps
Thallium	205-1	7892575	8039553	7934254	7955461	0.95	cps
Tin	118-1	71737	71131	72816	71895	1.19	cps
Titanium	47-1	2902825	2932578	2870508	2901970	1.07	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05MS	Instrumnet Name :	P7
Client Sample ID :	MYE5B7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:42:34	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	81937	82768	82335	82347	0.50	cps
Vanadium	51-2	15364864	15281449	15157786	15268033	0.68	cps
Yttrium	89-1	44513734	44063441	43794199	44123792	0.82	cps
Yttrium	89-2	10862854	10593969	10541476	10666100	1.62	cps
Zinc	66-2	3676426	3651687	3644444	3657519	0.46	cps
Zirconium	90-1	470269	471310	469012	470197	0.24	cps
Zirconium	91-1	103756	107426	105701	105628	1.74	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-08	Instrumnet Name :	P7
Client Sample ID :	MYE5B8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:45:24	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17413990	17416972	17238018	17356327	0.59	cps
Antimony	121-1	109929	109805	109318	109684	0.29	cps
Arsenic	75-2	253818	253452	251754	253008	0.44	cps
Barium	135-1	4318488	4294167	4275613	4296090	0.50	cps
Barium	137-1	7443921	7425091	7405044	7424685	0.26	cps
Beryllium	9-1	3751	3751	3784	3762	0.51	cps
Bismuth	209-1	21394257	21700401	21297169	21463943	0.98	cps
Bismuth	209-2	14652751	14525548	14514559	14564286	0.53	cps
Bromine	81-1	24697	25355	25783	25278	2.16	cps
Bromine	81-2	1353	1510	1450	1438	5.50	cps
Cadmium	108-1	2544	2580	2460	2528	2.43	cps
Cadmium	106-1	14988	14788	13773	14516	4.49	cps
Cadmium	111-1	32994	32908	32689	32864	0.48	cps
Calcium	43-1	419467	417034	409536	415346	1.25	cps
Calcium	44-1	6575457	6585590	6406041	6522362	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1146114	1140487	1134958	1140520	0.49	cps
Cobalt	59-2	1242406	1225133	1234351	1233964	0.70	cps
Copper	63-2	6305153	6195939	6145654	6215582	1.31	cps
Dysprosium	156-1	204938	206479	203906	205107	0.63	cps
Dysprosium	156-2	152424	152174	152878	152492	0.23	cps
Erbium	164-1	157011	159283	156254	157516	1.00	cps
Erbium	164-2	95406	93497	93074	93992	1.32	cps
Gadolinium	160-1	185414	188294	185659	186456	0.86	cps
Gadolinium	160-2	119417	119296	117860	118858	0.73	cps
Holmium	165-1	37473168	37860471	36982275	37438638	1.18	cps
Holmium	165-2	22620651	22120914	22261771	22334445	1.15	cps
Indium	115-1	31520196	31867212	31126593	31504667	1.18	cps
Indium	115-2	10187084	9962216	10091370	10080223	1.12	cps
Iron	56-2	1343619847	1330997527	1330554754	1335057376	0.56	cps
Iron	57-2	33114845	33218597	32627162	32986868	0.96	cps
Iron	54-2	73809276	73390181	72401964	73200473	0.99	cps
Krypton	83-1	713	660	777	717	8.15	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-08	Instrumnet Name :	P7
Client Sample ID :	MYE5B8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:45:24	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3410756	3402839	3368309	3393968	0.67	cps
Lead	207-1	3051067	3057763	2998430	3035753	1.07	cps
Lead	208-1	13920512	13915698	13691968	13842726	0.94	cps
Lithium	6-1	2611673	2596165	2556837	2588225	1.09	cps
Magnesium	24-2	11543546	11645659	11396408	11528537	1.09	cps
Manganese	55-2	46493524	45787461	46043503	46108163	0.78	cps
Molybdenum	94-1	254206	253789	251990	253328	0.47	cps
Molybdenum	95-1	40095	39600	38765	39486	1.70	cps
Molybdenum	96-1	95469	94446	93979	94631	0.81	cps
Molybdenum	97-1	24781	24714	24120	24538	1.48	cps
Molybdenum	98-1	62336	62145	61860	62113	0.39	cps
Neodymium	150-1	380741	379605	378725	379690	0.27	cps
Neodymium	150-2	200949	198896	197576	199140	0.85	cps
Nickel	60-2	386131	383962	384199	384764	0.31	cps
Phosphorus	31-2	57681	56076	56156	56638	1.60	cps
Potassium	39-2	8661875	8657003	8595564	8638147	0.43	cps
Rhodium	103-1	29993932	30122799	29783989	29966906	0.57	cps
Rhodium	103-2	17359374	17093076	17334179	17262210	0.85	cps
Scandium	45-1	16504470	16559335	16395735	16486513	0.51	cps
Scandium	45-2	1491773	1511628	1488807	1497403	0.83	cps
Selenium	82-1	2055	2148	1898	2033	6.22	cps
Selenium	77-2	743	667	783	731	8.11	cps
Selenium	78-2	1233	1283	1080	1199	8.84	cps
Silicon	28-1	66734539	65881394	64810942	65808958	1.46	cps
Silver	107-1	39647	39661	38628	39312	1.51	cps
Silver	109-1	38488	37498	37171	37719	1.82	cps
Sodium	23-2	259695	262250	260005	260650	0.53	cps
Strontium	86-1	537015	539808	530592	535805	0.88	cps
Strontium	88-1	4749657	4721978	4600191	4690609	1.70	cps
Sulfur	34-1	207719	208810	205993	207507	0.68	cps
Terbium	159-1	38606468	38754733	38220018	38527073	0.72	cps
Terbium	159-2	22635636	22434346	22300823	22456935	0.75	cps
Thallium	203-1	15569	15419	14885	15291	2.35	cps
Thallium	205-1	36569	36566	35533	36223	1.65	cps
Tin	118-1	79853	80842	79434	80043	0.90	cps
Titanium	47-1	3864605	3819084	3823603	3835764	0.65	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-08	Instrumnet Name :	P7
Client Sample ID :	MYE5B8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:45:24	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	108608	109720	107771	108700	0.90	cps
Vanadium	51-2	2139500	2152408	2131602	2141170	0.49	cps
Yttrium	89-1	44415236	44363208	43670986	44149810	0.94	cps
Yttrium	89-2	10940924	10850937	10934664	10908842	0.46	cps
Zinc	66-2	917817	903537	907922	909759	0.80	cps
Zirconium	90-1	627557	625976	621181	624905	0.53	cps
Zirconium	91-1	138223	139243	138903	138790	0.37	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-09	Instrumnet Name :	P7
Client Sample ID :	MYE5B9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:48:22	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21285504	21534457	21285370	21368444	0.67	cps
Antimony	121-1	40547	40721	41112	40793	0.71	cps
Arsenic	75-2	173235	174078	172843	173385	0.36	cps
Barium	135-1	4065052	4017737	4001984	4028258	0.81	cps
Barium	137-1	6886030	6990408	6853566	6910001	1.03	cps
Beryllium	9-1	3695	3339	3234	3423	7.06	cps
Bismuth	209-1	20978974	21187490	20838889	21001784	0.84	cps
Bismuth	209-2	14370977	14473643	14269144	14371255	0.71	cps
Bromine	81-1	31043	31771	32229	31681	1.89	cps
Bromine	81-2	2370	2677	2720	2589	7.37	cps
Cadmium	108-1	1233	1123	1217	1191	4.98	cps
Cadmium	106-1	13396	12492	12185	12691	4.96	cps
Cadmium	111-1	14651	14573	14519	14581	0.45	cps
Calcium	43-1	732710	732408	718846	727988	1.09	cps
Calcium	44-1	11290685	11403698	11136747	11277043	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1076555	1082513	1071071	1076713	0.53	cps
Cobalt	59-2	1011065	1002086	996381	1003177	0.74	cps
Copper	63-2	2713579	2655871	2668538	2679329	1.13	cps
Dysprosium	156-1	199116	196921	196952	197663	0.64	cps
Dysprosium	156-2	146898	146767	145774	146480	0.42	cps
Erbium	164-1	158565	159550	158081	158732	0.47	cps
Erbium	164-2	95843	94030	94430	94767	1.00	cps
Gadolinium	160-1	186687	186808	187091	186862	0.11	cps
Gadolinium	160-2	118926	119131	116617	118225	1.18	cps
Holmium	165-1	37937869	37538209	37192087	37556055	0.99	cps
Holmium	165-2	22098134	22127014	22125013	22116720	0.07	cps
Indium	115-1	31020281	31031214	31260311	31103935	0.44	cps
Indium	115-2	9931658	9992631	9801449	9908579	0.99	cps
Iron	56-2	975430225	975096092	977276652	975934323	0.12	cps
Iron	57-2	24318265	24069471	24037885	24141874	0.64	cps
Iron	54-2	53167213	53461369	53695243	53441275	0.50	cps
Krypton	83-1	763	693	740	732	4.87	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-09	Instrumnet Name :	P7
Client Sample ID :	MYE5B9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:48:22	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1393424	1402941	1397142	1397836	0.34	cps
Lead	207-1	1200226	1210425	1200290	1203647	0.49	cps
Lead	208-1	5488886	5486314	5503697	5492966	0.17	cps
Lithium	6-1	2586068	2569347	2468549	2541321	2.50	cps
Magnesium	24-2	13404157	13511229	13454284	13456556	0.40	cps
Manganese	55-2	28227153	28367870	28148316	28247780	0.39	cps
Molybdenum	94-1	196294	197979	196774	197016	0.44	cps
Molybdenum	95-1	21269	21269	21649	21396	1.03	cps
Molybdenum	96-1	63688	64093	64521	64101	0.65	cps
Molybdenum	97-1	13289	13703	12552	13182	4.42	cps
Molybdenum	98-1	34641	33645	33211	33832	2.17	cps
Neodymium	150-1	381634	383493	379637	381588	0.51	cps
Neodymium	150-2	197944	197056	196025	197008	0.49	cps
Nickel	60-2	407781	403103	400534	403806	0.91	cps
Phosphorus	31-2	53092	53500	53052	53214	0.47	cps
Potassium	39-2	9047012	9104037	9071455	9074168	0.32	cps
Rhodium	103-1	30191661	29836520	29447090	29825090	1.25	cps
Rhodium	103-2	17215821	17047897	16936329	17066682	0.82	cps
Scandium	45-1	16558634	16455659	16382450	16465581	0.54	cps
Scandium	45-2	1482350	1505629	1447644	1478541	1.97	cps
Selenium	82-1	1792	1913	1719	1808	5.41	cps
Selenium	77-2	737	807	710	751	6.65	cps
Selenium	78-2	1147	1217	1157	1173	3.23	cps
Silicon	28-1	76200297	73673579	75397737	75090538	1.72	cps
Silver	107-1	15438	15021	15008	15156	1.61	cps
Silver	109-1	14521	14601	14027	14383	2.16	cps
Sodium	23-2	371199	370909	372939	371682	0.30	cps
Strontium	86-1	736977	734655	733314	734982	0.25	cps
Strontium	88-1	6400518	6420363	6361332	6394071	0.47	cps
Sulfur	34-1	219463	217188	214794	217148	1.08	cps
Terbium	159-1	38450395	38163652	37984723	38199590	0.61	cps
Terbium	159-2	22259738	22456127	21986852	22234239	1.06	cps
Thallium	203-1	10304	9877	9920	10034	2.34	cps
Thallium	205-1	23721	24202	24322	24081	1.32	cps
Tin	118-1	53435	53743	54188	53789	0.70	cps
Titanium	47-1	3561453	3504880	3478329	3514887	1.21	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-09	Instrumnet Name :	P7
Client Sample ID :	MYE5B9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:48:22	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	98131	99971	98809	98971	0.94	cps
Vanadium	51-2	1988936	2022342	2006313	2005864	0.83	cps
Yttrium	89-1	43998038	44436446	43895188	44109890	0.65	cps
Yttrium	89-2	10895882	10886443	10814502	10865609	0.41	cps
Zinc	66-2	509786	507931	506774	508164	0.30	cps
Zirconium	90-1	497874	507670	498584	501376	1.09	cps
Zirconium	91-1	111832	112544	111758	112045	0.39	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-10	Instrumnet Name :	P7
Client Sample ID :	MYE5C0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:51:24	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17991693	17881346	17861709	17911583	0.39	cps
Antimony	121-1	69832	70656	70036	70175	0.61	cps
Arsenic	75-2	238199	233742	236912	236284	0.97	cps
Barium	135-1	3618338	3614985	3525605	3586309	1.47	cps
Barium	137-1	6239811	6275186	6182748	6232582	0.75	cps
Beryllium	9-1	3067	3206	3145	3139	2.22	cps
Bismuth	209-1	21122890	21228865	21314546	21222100	0.45	cps
Bismuth	209-2	14748923	14658911	14642366	14683400	0.39	cps
Bromine	81-1	24991	25459	24747	25066	1.44	cps
Bromine	81-2	1560	1460	1567	1529	3.91	cps
Cadmium	108-1	2624	2897	2690	2737	5.21	cps
Cadmium	106-1	14137	14504	14014	14218	1.79	cps
Cadmium	111-1	37371	37183	38093	37549	1.28	cps
Calcium	43-1	382167	378221	371523	377304	1.43	cps
Calcium	44-1	5980518	5878762	5814840	5891373	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	929375	929624	911755	923585	1.11	cps
Cobalt	59-2	1276344	1266648	1267877	1270290	0.42	cps
Copper	63-2	6063221	6087928	6078031	6076394	0.20	cps
Dysprosium	156-1	206104	208147	209540	207930	0.83	cps
Dysprosium	156-2	153447	153751	154519	153906	0.36	cps
Erbium	164-1	160838	160501	160163	160501	0.21	cps
Erbium	164-2	97595	95510	96292	96466	1.09	cps
Gadolinium	160-1	194563	193187	196442	194731	0.84	cps
Gadolinium	160-2	123673	123680	124178	123844	0.23	cps
Holmium	165-1	37012283	37037066	37192104	37080484	0.26	cps
Holmium	165-2	22651381	22269378	22373271	22431343	0.88	cps
Indium	115-1	30851269	30935155	30985345	30923923	0.22	cps
Indium	115-2	10168968	10025922	9949353	10048081	1.11	cps
Iron	56-2	982864252	968296226	959729692	970296723	1.21	cps
Iron	57-2	23841686	24015818	23648186	23835230	0.77	cps
Iron	54-2	52958291	52873878	52355979	52729383	0.62	cps
Krypton	83-1	637	637	660	644	2.09	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-10	Instrumnet Name :	P7
Client Sample ID :	MYE5C0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:51:24	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2587630	2562023	2549411	2566355	0.76	cps
Lead	207-1	2274856	2271073	2267360	2271097	0.17	cps
Lead	208-1	10421258	10365234	10378050	10388181	0.28	cps
Lithium	6-1	2661596	2622235	2558958	2614263	1.98	cps
Magnesium	24-2	12381830	12369520	12419216	12390189	0.21	cps
Manganese	55-2	31717665	31178217	30992754	31296212	1.20	cps
Molybdenum	94-1	139887	146233	139080	141734	2.76	cps
Molybdenum	95-1	27843	27810	27770	27808	0.13	cps
Molybdenum	96-1	61033	60330	60903	60755	0.62	cps
Molybdenum	97-1	17677	17277	16793	17249	2.57	cps
Molybdenum	98-1	43455	44240	44073	43923	0.94	cps
Neodymium	150-1	395576	400165	395327	397023	0.69	cps
Neodymium	150-2	207597	204447	202819	204954	1.19	cps
Nickel	60-2	329757	325313	328086	327719	0.68	cps
Phosphorus	31-2	50984	51041	50577	50867	0.50	cps
Potassium	39-2	8783497	8578437	8503515	8621816	1.68	cps
Rhodium	103-1	29451790	29500429	29415597	29455938	0.14	cps
Rhodium	103-2	17422149	17082057	16950084	17151430	1.42	cps
Scandium	45-1	16054382	16052378	15822604	15976455	0.83	cps
Scandium	45-2	1500966	1460279	1437585	1466276	2.19	cps
Selenium	82-1	2078	2003	1988	2023	2.39	cps
Selenium	77-2	803	890	740	811	9.28	cps
Selenium	78-2	1227	1253	1100	1193	6.87	cps
Silicon	28-1	69459169	69439317	68339019	69079168	0.93	cps
Silver	107-1	32102	32663	31972	32246	1.14	cps
Silver	109-1	30559	30966	30960	30828	0.76	cps
Sodium	23-2	259947	258716	260134	259599	0.30	cps
Strontium	86-1	459513	458733	455745	457997	0.43	cps
Strontium	88-1	4026553	3979919	3972404	3992959	0.73	cps
Sulfur	34-1	192614	189577	187002	189731	1.48	cps
Terbium	159-1	38191044	38254738	37999992	38148591	0.35	cps
Terbium	159-2	22822223	22659126	22599527	22693625	0.51	cps
Thallium	203-1	12252	12012	12302	12189	1.27	cps
Thallium	205-1	29322	30147	30244	29904	1.69	cps
Tin	118-1	67400	66332	67588	67106	1.01	cps
Titanium	47-1	3740579	3678990	3653729	3691099	1.21	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-10	Instrumnet Name :	P7
Client Sample ID :	MYE5C0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:51:24	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	110631	111417	110752	110933	0.38	cps
Vanadium	51-2	1694096	1708412	1685188	1695899	0.69	cps
Yttrium	89-1	43654653	43610771	43422446	43562623	0.28	cps
Yttrium	89-2	11013892	10800694	10509671	10774752	2.35	cps
Zinc	66-2	941868	927704	943147	937573	0.91	cps
Zirconium	90-1	336586	338294	334758	336546	0.53	cps
Zirconium	91-1	75986	74873	75302	75387	0.74	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-11	Instrumnet Name :	P7
Client Sample ID :	MYE5C1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:54:22	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21726756	21718382	21417531	21620890	0.81	cps
Antimony	121-1	42125	43502	44311	43313	2.55	cps
Arsenic	75-2	175545	175231	171592	174123	1.26	cps
Barium	135-1	3506904	3609200	3534670	3550258	1.49	cps
Barium	137-1	6024828	6145401	6127750	6099326	1.07	cps
Beryllium	9-1	3167	3356	3217	3247	3.02	cps
Bismuth	209-1	21060932	20928547	20636971	20875483	1.04	cps
Bismuth	209-2	14161192	14323526	14086893	14190537	0.85	cps
Bromine	81-1	28755	30081	30064	29633	2.57	cps
Bromine	81-2	2620	2574	2427	2540	3.97	cps
Cadmium	108-1	1340	1357	1457	1385	4.56	cps
Cadmium	106-1	12412	12359	11855	12209	2.52	cps
Cadmium	111-1	16604	16706	16850	16720	0.74	cps
Calcium	43-1	602473	609785	603057	605105	0.67	cps
Calcium	44-1	9311312	9478164	9446835	9412104	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1183394	1184531	1175864	1181263	0.40	cps
Cobalt	59-2	1077466	1071108	1064034	1070869	0.63	cps
Copper	63-2	3749906	3711103	3672962	3711324	1.04	cps
Dysprosium	156-1	175752	181102	182706	179853	2.02	cps
Dysprosium	156-2	134039	135062	135415	134839	0.53	cps
Erbium	164-1	142808	145960	147341	145369	1.60	cps
Erbium	164-2	87113	86868	86650	86877	0.27	cps
Gadolinium	160-1	164153	169600	168898	167550	1.77	cps
Gadolinium	160-2	107525	108490	109164	108393	0.76	cps
Holmium	165-1	36660378	36542816	36362994	36522063	0.41	cps
Holmium	165-2	22088031	21831862	21734755	21884882	0.83	cps
Indium	115-1	30636101	30300031	30357764	30431299	0.59	cps
Indium	115-2	9709809	9856648	9593326	9719927	1.36	cps
Iron	56-2	1050217531	1040551984	1039722305	1043497273	0.56	cps
Iron	57-2	25914598	25893620	25944621	25917613	0.10	cps
Iron	54-2	57420627	57544047	56338982	57101219	1.16	cps
Krypton	83-1	687	647	627	653	4.68	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-11	Instrumnet Name :	P7
Client Sample ID :	MYE5C1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:54:22	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1820060	1861039	1841556	1840885	1.11	cps
Lead	207-1	1623347	1684925	1664162	1657478	1.89	cps
Lead	208-1	7361118	7581322	7460654	7467698	1.48	cps
Lithium	6-1	2628480	2487726	2504013	2540073	3.03	cps
Magnesium	24-2	13999021	14045269	13922036	13988775	0.45	cps
Manganese	55-2	30566208	30184177	30234442	30328276	0.68	cps
Molybdenum	94-1	187825	195415	194804	192681	2.19	cps
Molybdenum	95-1	18091	18839	18432	18454	2.03	cps
Molybdenum	96-1	60371	61759	59775	60635	1.68	cps
Molybdenum	97-1	11568	11868	11108	11515	3.33	cps
Molybdenum	98-1	28351	29436	28999	28929	1.89	cps
Neodymium	150-1	335354	343396	341870	340207	1.26	cps
Neodymium	150-2	178520	178315	177027	177954	0.45	cps
Nickel	60-2	411794	408735	409468	409999	0.39	cps
Phosphorus	31-2	43970	43585	43314	43623	0.75	cps
Potassium	39-2	6304098	6282813	6367358	6318090	0.70	cps
Rhodium	103-1	29255780	28859191	28797028	28970666	0.86	cps
Rhodium	103-2	16753790	16916871	16604412	16758358	0.93	cps
Scandium	45-1	16129315	15846863	15576169	15850782	1.74	cps
Scandium	45-2	1458813	1433464	1421464	1437914	1.33	cps
Selenium	82-1	1826	1728	1734	1763	3.12	cps
Selenium	77-2	710	600	570	627	11.76	cps
Selenium	78-2	1120	1117	970	1069	8.01	cps
Silicon	28-1	76747066	76296024	76251204	76431431	0.36	cps
Silver	107-1	20745	20895	20665	20768	0.56	cps
Silver	109-1	19173	19697	19754	19541	1.64	cps
Sodium	23-2	262358	260847	260984	261397	0.32	cps
Strontium	86-1	584534	595986	593771	591431	1.03	cps
Strontium	88-1	5118572	5219558	5204393	5180841	1.05	cps
Sulfur	34-1	191278	188130	186584	188664	1.27	cps
Terbium	159-1	37937349	37327434	37086998	37450594	1.17	cps
Terbium	159-2	22161347	22285257	21920063	22122222	0.84	cps
Thallium	203-1	9917	9533	9533	9661	2.29	cps
Thallium	205-1	22756	23083	23370	23070	1.33	cps
Tin	118-1	67728	70960	68683	69124	2.40	cps
Titanium	47-1	3123718	3173618	3160682	3152673	0.82	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-11	Instrumnet Name :	P7
Client Sample ID :	MYE5C1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:54:22	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77792	80618	80384	79598	1.97	cps
Vanadium	51-2	1957158	1925009	1926035	1936067	0.94	cps
Yttrium	89-1	43279674	42569888	42909101	42919554	0.83	cps
Yttrium	89-2	10706648	10628496	10538574	10624573	0.79	cps
Zinc	66-2	552714	546239	543390	547448	0.87	cps
Zirconium	90-1	484565	494405	499089	492686	1.50	cps
Zirconium	91-1	108390	111900	109740	110010	1.61	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-12	Instrumnet Name :	P7
Client Sample ID :	MYE5C2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:57:24	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15344749	15238678	15150910	15244779	0.64	cps
Antimony	121-1	124819	124150	125495	124821	0.54	cps
Arsenic	75-2	301372	301575	295439	299462	1.16	cps
Barium	135-1	2763639	2792530	2770604	2775591	0.54	cps
Barium	137-1	4791753	4813697	4844983	4816811	0.56	cps
Beryllium	9-1	3056	2945	2900	2967	2.70	cps
Bismuth	209-1	20969546	21317731	21703856	21330378	1.72	cps
Bismuth	209-2	14455307	14701159	14521531	14559333	0.87	cps
Bromine	81-1	23242	23345	23485	23357	0.52	cps
Bromine	81-2	1390	1377	1353	1373	1.35	cps
Cadmium	108-1	1990	2067	2000	2019	2.06	cps
Cadmium	106-1	12822	12936	12542	12767	1.59	cps
Cadmium	111-1	27576	27624	27251	27484	0.74	cps
Calcium	43-1	305575	303262	300673	303170	0.81	cps
Calcium	44-1	4806894	4797362	4732968	4779075	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1007403	992343	1009549	1003098	0.93	cps
Cobalt	59-2	990765	987454	988828	989016	0.17	cps
Copper	63-2	8818513	8884009	8743624	8815382	0.80	cps
Dysprosium	156-1	172235	171570	171983	171930	0.20	cps
Dysprosium	156-2	128507	128616	128289	128471	0.13	cps
Erbium	164-1	145027	147944	148924	147298	1.38	cps
Erbium	164-2	89159	89182	88210	88850	0.62	cps
Gadolinium	160-1	161550	160040	161399	160996	0.52	cps
Gadolinium	160-2	105285	104025	103398	104236	0.92	cps
Holmium	165-1	35694668	36690844	36628313	36337942	1.54	cps
Holmium	165-2	22216401	22298372	21654729	22056501	1.59	cps
Indium	115-1	30138867	29715352	31076109	30310109	2.30	cps
Indium	115-2	9906631	9702210	9687872	9765571	1.25	cps
Iron	56-2	1062190491	1051137318	1058216571	1057181460	0.53	cps
Iron	57-2	26121131	25650085	25945726	25905648	0.92	cps
Iron	54-2	57881416	58066512	58073697	58007209	0.19	cps
Krypton	83-1	737	577	673	662	12.17	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-12	Instrumnet Name :	P7
Client Sample ID :	MYE5C2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:57:24	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4685173	4708777	4728914	4707622	0.47	cps
Lead	207-1	4200391	4196698	4175772	4190954	0.32	cps
Lead	208-1	18999475	19105323	19031862	19045553	0.28	cps
Lithium	6-1	2568287	2477207	2567464	2537652	2.06	cps
Magnesium	24-2	10317982	10507841	10194345	10340056	1.53	cps
Manganese	55-2	29213627	29076841	29145048	29145172	0.23	cps
Molybdenum	94-1	214050	215637	213852	214513	0.46	cps
Molybdenum	95-1	27192	27506	27499	27399	0.65	cps
Molybdenum	96-1	73333	73684	72512	73176	0.82	cps
Molybdenum	97-1	16546	16286	16780	16537	1.49	cps
Molybdenum	98-1	42853	43274	42699	42942	0.69	cps
Neodymium	150-1	322409	324164	322220	322931	0.33	cps
Neodymium	150-2	168295	167078	166616	167330	0.52	cps
Nickel	60-2	318923	320890	316797	318870	0.64	cps
Phosphorus	31-2	49363	49232	48430	49008	1.03	cps
Potassium	39-2	7012731	6970202	7085655	7022862	0.83	cps
Rhodium	103-1	28685917	28909826	29091280	28895674	0.70	cps
Rhodium	103-2	16986156	16798021	16902098	16895425	0.56	cps
Scandium	45-1	15580933	15666335	15634326	15627198	0.28	cps
Scandium	45-2	1420448	1432036	1409774	1420753	0.78	cps
Selenium	82-1	1991	2192	2111	2098	4.82	cps
Selenium	77-2	567	637	620	608	6.02	cps
Selenium	78-2	1253	1150	1110	1171	6.32	cps
Silicon	28-1	66381476	66053169	65232822	65889156	0.90	cps
Silver	107-1	70139	70309	68846	69764	1.15	cps
Silver	109-1	66709	67613	66220	66848	1.06	cps
Sodium	23-2	237746	240084	239714	239181	0.53	cps
Strontium	86-1	410430	409407	404609	408148	0.76	cps
Strontium	88-1	3563949	3516527	3561400	3547292	0.75	cps
Sulfur	34-1	183005	181194	179699	181299	0.91	cps
Terbium	159-1	37199918	37921822	37644468	37588736	0.97	cps
Terbium	159-2	22278047	22042264	21959401	22093237	0.75	cps
Thallium	203-1	13433	13634	13153	13407	1.80	cps
Thallium	205-1	30938	31807	32074	31607	1.88	cps
Tin	118-1	84268	84898	84137	84434	0.48	cps
Titanium	47-1	3606677	3560744	3570945	3579455	0.67	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-12	Instrumnet Name :	P7
Client Sample ID :	MYE5C2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 03:57:24	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	109841	111360	112809	111337	1.33	cps
Vanadium	51-2	1758728	1738870	1789464	1762354	1.45	cps
Yttrium	89-1	42318509	42165870	42999816	42494732	1.04	cps
Yttrium	89-2	10589209	10508676	10630827	10576237	0.59	cps
Zinc	66-2	736028	745541	734265	738612	0.82	cps
Zirconium	90-1	539287	532239	536097	535874	0.66	cps
Zirconium	91-1	120422	119115	119290	119609	0.59	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-13	Instrumnet Name :	P7
Client Sample ID :	MYE5C3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:00:22	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19082931	19124193	19036411	19081178	0.23	cps
Antimony	121-1	74545	76415	74857	75272	1.33	cps
Arsenic	75-2	247524	246116	243560	245733	0.82	cps
Barium	135-1	6111536	6073027	6025048	6069870	0.71	cps
Barium	137-1	10449941	10521781	10443677	10471800	0.41	cps
Beryllium	9-1	3678	3706	3673	3686	0.48	cps
Bismuth	209-1	20599821	21311092	21537736	21149550	2.31	cps
Bismuth	209-2	14577224	14602011	14728132	14635789	0.55	cps
Bromine	81-1	25048	26621	25686	25785	3.07	cps
Bromine	81-2	1823	1780	1790	1798	1.26	cps
Cadmium	108-1	1917	1880	2027	1941	3.93	cps
Cadmium	106-1	13016	13059	13346	13140	1.37	cps
Cadmium	111-1	24696	25088	24952	24912	0.80	cps
Calcium	43-1	479721	475492	471818	475677	0.83	cps
Calcium	44-1	7478266	7515259	7318269	7437265	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1178776	1185018	1174175	1179323	0.46	cps
Cobalt	59-2	1250680	1250665	1246871	1249405	0.18	cps
Copper	63-2	6437436	6338241	6320155	6365278	0.99	cps
Dysprosium	156-1	218694	221452	221435	220527	0.72	cps
Dysprosium	156-2	164517	166325	166470	165771	0.66	cps
Erbium	164-1	168308	167602	166412	167441	0.57	cps
Erbium	164-2	102439	101300	101451	101730	0.61	cps
Gadolinium	160-1	196982	198406	196121	197170	0.59	cps
Gadolinium	160-2	127772	127077	127645	127498	0.29	cps
Holmium	165-1	35645348	37099418	37418456	36721074	2.57	cps
Holmium	165-2	22285676	22152350	22140035	22192687	0.36	cps
Indium	115-1	29977866	30852500	30889570	30573312	1.69	cps
Indium	115-2	9917923	10037698	9763546	9906389	1.39	cps
Iron	56-2	1149009023	1149336623	1142091370	1146812338	0.36	cps
Iron	57-2	28181651	28398659	28656010	28412107	0.84	cps
Iron	54-2	62968604	62967442	63828256	63254767	0.79	cps
Krypton	83-1	730	700	637	689	6.92	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-13	Instrumnet Name :	P7
Client Sample ID :	MYE5C3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:00:22	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2836308	2889784	2873386	2866493	0.96	cps
Lead	207-1	2493386	2531195	2546222	2523601	1.08	cps
Lead	208-1	11370877	11633493	11616915	11540428	1.27	cps
Lithium	6-1	2547778	2555819	2524251	2542616	0.65	cps
Magnesium	24-2	13891052	13713099	13747454	13783868	0.68	cps
Manganese	55-2	55626878	55544196	55554023	55575032	0.08	cps
Molybdenum	94-1	221243	224081	224210	223178	0.75	cps
Molybdenum	95-1	25422	25142	24340	24968	2.25	cps
Molybdenum	96-1	73440	72438	72797	72892	0.70	cps
Molybdenum	97-1	14708	14821	14721	14750	0.42	cps
Molybdenum	98-1	37525	37358	37090	37324	0.59	cps
Neodymium	150-1	416379	423544	420450	420124	0.86	cps
Neodymium	150-2	217360	216058	217134	216851	0.32	cps
Nickel	60-2	452371	451270	446687	450109	0.67	cps
Phosphorus	31-2	58501	59010	57354	58288	1.46	cps
Potassium	39-2	8758406	8885682	8730075	8791388	0.94	cps
Rhodium	103-1	28788258	28861506	29340976	28996913	1.04	cps
Rhodium	103-2	16992104	17025914	16939539	16985852	0.26	cps
Scandium	45-1	15895351	15937688	15974362	15935800	0.25	cps
Scandium	45-2	1440021	1470791	1459607	1456807	1.07	cps
Selenium	82-1	2057	2043	2085	2062	1.02	cps
Selenium	77-2	830	793	753	792	4.84	cps
Selenium	78-2	1153	1193	1197	1181	2.04	cps
Silicon	28-1	70648666	69681139	70491921	70273908	0.74	cps
Silver	107-1	39454	39901	39875	39743	0.63	cps
Silver	109-1	37886	37679	37174	37580	0.97	cps
Sodium	23-2	252190	251960	252638	252263	0.14	cps
Strontium	86-1	636808	635227	637068	636368	0.16	cps
Strontium	88-1	5539340	5561282	5612781	5571134	0.68	cps
Sulfur	34-1	193755	193141	190218	192371	0.98	cps
Terbium	159-1	36884222	37824572	37637781	37448858	1.33	cps
Terbium	159-2	22313836	22318530	22375124	22335830	0.15	cps
Thallium	203-1	13850	13884	13634	13789	0.99	cps
Thallium	205-1	32893	32405	32602	32634	0.75	cps
Tin	118-1	64879	68227	65340	66149	2.74	cps
Titanium	47-1	4126104	4109584	3946156	4060615	2.45	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-13	Instrumnet Name :	P7
Client Sample ID :	MYE5C3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:00:22	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	112433	112729	112806	112656	0.17	cps
Vanadium	51-2	2138533	2149741	2131002	2139759	0.44	cps
Yttrium	89-1	41905546	43106874	43122538	42711653	1.63	cps
Yttrium	89-2	10626687	10651026	10586519	10621410	0.31	cps
Zinc	66-2	701462	697356	694727	697848	0.49	cps
Zirconium	90-1	569528	570797	564989	568438	0.54	cps
Zirconium	91-1	125239	127323	126412	126324	0.83	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-14	Instrumnet Name :	P7
Client Sample ID :	MYE5C4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:03:23	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24877891	24782948	24325928	24662256	1.20	cps
Antimony	121-1	24124	24030	24210	24121	0.37	cps
Arsenic	75-2	172941	173784	171805	172843	0.57	cps
Barium	135-1	4298700	4288861	4258073	4281878	0.49	cps
Barium	137-1	7384040	7337811	7423635	7381829	0.58	cps
Beryllium	9-1	4373	4384	4290	4349	1.19	cps
Bismuth	209-1	20698096	20634890	20764466	20699150	0.31	cps
Bismuth	209-2	14561594	14434995	14151723	14382771	1.46	cps
Bromine	81-1	38560	40649	41294	40168	3.56	cps
Bromine	81-2	4397	4397	4421	4405	0.31	cps
Cadmium	108-1	983	1107	1027	1039	6.02	cps
Cadmium	106-1	12005	11782	11301	11696	3.08	cps
Cadmium	111-1	12115	11706	11747	11856	1.90	cps
Calcium	43-1	671771	665754	666264	667930	0.50	cps
Calcium	44-1	10562661	10428657	10253108	10414809	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1242875	1230352	1227314	1233514	0.67	cps
Cobalt	59-2	1205940	1204897	1188788	1199875	0.80	cps
Copper	63-2	2809812	2796796	2763272	2789960	0.86	cps
Dysprosium	156-1	218412	219941	218809	219054	0.36	cps
Dysprosium	156-2	163846	163051	164504	163800	0.44	cps
Erbium	164-1	175283	178015	177023	176774	0.78	cps
Erbium	164-2	105810	106075	105804	105896	0.15	cps
Gadolinium	160-1	203126	205516	205847	204830	0.72	cps
Gadolinium	160-2	134192	131964	131709	132622	1.03	cps
Holmium	165-1	35780869	36619718	37045282	36481956	1.76	cps
Holmium	165-2	22219737	22289412	21816365	22108505	1.16	cps
Indium	115-1	29914126	30370528	30692666	30325773	1.29	cps
Indium	115-2	9759535	9662119	9636500	9686051	0.67	cps
Iron	56-2	1084649904	1066308731	1065052384	1072003673	1.02	cps
Iron	57-2	26582364	26564055	26408506	26518308	0.36	cps
Iron	54-2	58871581	59091524	59256747	59073284	0.33	cps
Krypton	83-1	730	633	627	663	8.72	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-14	Instrumnet Name :	P7
Client Sample ID :	MYE5C4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:03:23	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1387852	1406812	1407497	1400720	0.80	cps
Lead	207-1	1208877	1222184	1218983	1216681	0.57	cps
Lead	208-1	5504394	5526071	5560696	5530387	0.51	cps
Lithium	6-1	2533645	2566869	2493473	2531329	1.45	cps
Magnesium	24-2	15971596	15651425	15749490	15790837	1.04	cps
Manganese	55-2	36912164	36426745	36559983	36632964	0.68	cps
Molybdenum	94-1	187291	187062	185773	186709	0.44	cps
Molybdenum	95-1	17357	17390	17514	17420	0.47	cps
Molybdenum	96-1	58845	59433	59380	59219	0.55	cps
Molybdenum	97-1	10911	10591	10494	10665	2.05	cps
Molybdenum	98-1	26728	26584	25746	26353	2.01	cps
Neodymium	150-1	422098	427812	424375	424761	0.68	cps
Neodymium	150-2	221240	224311	219925	221825	1.01	cps
Nickel	60-2	450382	448377	446195	448318	0.47	cps
Phosphorus	31-2	43341	42626	43676	43214	1.24	cps
Potassium	39-2	8896034	8488452	8633707	8672731	2.38	cps
Rhodium	103-1	28338612	28490274	28780396	28536427	0.79	cps
Rhodium	103-2	16719367	16628888	16546988	16631748	0.52	cps
Scandium	45-1	15817910	15832723	15730533	15793722	0.35	cps
Scandium	45-2	1476803	1427087	1443188	1449026	1.75	cps
Selenium	82-1	1806	1895	1883	1862	2.60	cps
Selenium	77-2	800	673	800	758	9.65	cps
Selenium	78-2	1197	1113	1310	1207	8.18	cps
Silicon	28-1	80323382	79741262	79467852	79844165	0.55	cps
Silver	107-1	15018	15292	14491	14933	2.73	cps
Silver	109-1	14831	14364	14214	14470	2.22	cps
Sodium	23-2	958167	947981	953809	953319	0.54	cps
Strontium	86-1	687323	687399	679756	684826	0.64	cps
Strontium	88-1	6028062	5968411	5940833	5979102	0.75	cps
Sulfur	34-1	205728	203355	199392	202825	1.58	cps
Terbium	159-1	36674805	37353930	37232104	37086947	0.98	cps
Terbium	159-2	22300260	21973615	21811062	22028312	1.13	cps
Thallium	203-1	11939	12082	11618	11880	2.00	cps
Thallium	205-1	28012	27932	27605	27850	0.78	cps
Tin	118-1	55500	55908	55841	55749	0.39	cps
Titanium	47-1	2829265	2787908	2737923	2785032	1.64	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-14	Instrumnet Name :	P7
Client Sample ID :	MYE5C4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:03:23	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	97940	98806	99065	98604	0.60	cps
Vanadium	51-2	2149199	2136264	2096643	2127369	1.29	cps
Yttrium	89-1	42205909	42346779	42668979	42407223	0.56	cps
Yttrium	89-2	10621062	10616677	10392345	10543362	1.24	cps
Zinc	66-2	499562	499341	496136	498346	0.38	cps
Zirconium	90-1	479961	480593	480449	480334	0.07	cps
Zirconium	91-1	107191	109817	107070	108026	1.44	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-15	Instrumnet Name :	P7
Client Sample ID :	MYE5C5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:06:22	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19281603	19161084	19096630	19179773	0.49	cps
Antimony	121-1	65113	65321	64497	64977	0.66	cps
Arsenic	75-2	182524	185089	183544	183719	0.70	cps
Barium	135-1	3936096	3904386	3895800	3912094	0.54	cps
Barium	137-1	6799820	6828416	6715083	6781106	0.87	cps
Beryllium	9-1	3250	3150	3273	3224	2.02	cps
Bismuth	209-1	20695682	21185804	21370885	21084124	1.65	cps
Bismuth	209-2	14643843	14527005	14571210	14580686	0.40	cps
Bromine	81-1	28805	29202	29055	29021	0.69	cps
Bromine	81-2	2197	2117	2150	2155	1.87	cps
Cadmium	108-1	2434	2534	2340	2436	3.97	cps
Cadmium	106-1	13506	13550	13960	13672	1.83	cps
Cadmium	111-1	31369	30917	31222	31169	0.74	cps
Calcium	43-1	579382	580416	579177	579658	0.11	cps
Calcium	44-1	9131210	9107728	9025887	9088275	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1014356	1018463	1008014	1013611	0.52	cps
Cobalt	59-2	1036890	1041469	1033767	1037376	0.37	cps
Copper	63-2	6494918	6472546	6432226	6466563	0.49	cps
Dysprosium	156-1	193042	193395	194031	193490	0.26	cps
Dysprosium	156-2	144020	144669	142067	143585	0.94	cps
Erbium	164-1	151572	156074	153957	153868	1.46	cps
Erbium	164-2	92802	91423	90551	91592	1.24	cps
Gadolinium	160-1	178198	180051	180612	179620	0.70	cps
Gadolinium	160-2	116493	115206	114890	115530	0.73	cps
Holmium	165-1	35781114	36415818	36299421	36165451	0.93	cps
Holmium	165-2	22032596	21884439	22008633	21975223	0.36	cps
Indium	115-1	29968847	30084278	30307519	30120215	0.57	cps
Indium	115-2	9774699	9820050	9698475	9764408	0.63	cps
Iron	56-2	847413374	841796867	847381534	845530592	0.38	cps
Iron	57-2	20806888	21022745	20704120	20844584	0.78	cps
Iron	54-2	46199493	46415194	46106006	46240231	0.34	cps
Krypton	83-1	713	647	667	676	5.06	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-15	Instrumnet Name :	P7
Client Sample ID :	MYE5C5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:06:22	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3630822	3716257	3678574	3675218	1.17	cps
Lead	207-1	3259604	3227891	3199054	3228850	0.94	cps
Lead	208-1	14669364	14820764	14777784	14755971	0.53	cps
Lithium	6-1	2527638	2522573	2557854	2536022	0.75	cps
Magnesium	24-2	12590988	12676328	12526314	12597876	0.60	cps
Manganese	55-2	33777653	33473720	33045651	33432341	1.10	cps
Molybdenum	94-1	195372	196621	196920	196304	0.42	cps
Molybdenum	95-1	29092	28718	29466	29092	1.29	cps
Molybdenum	96-1	69671	69424	69567	69554	0.18	cps
Molybdenum	97-1	18208	18025	18338	18190	0.87	cps
Molybdenum	98-1	45471	45263	45865	45533	0.67	cps
Neodymium	150-1	363944	364635	363288	363956	0.19	cps
Neodymium	150-2	188642	187123	186201	187322	0.66	cps
Nickel	60-2	371843	377197	374282	374441	0.72	cps
Phosphorus	31-2	54366	54607	54567	54513	0.24	cps
Potassium	39-2	9347077	9254029	9147430	9249512	1.08	cps
Rhodium	103-1	28420952	28344841	28631405	28465733	0.52	cps
Rhodium	103-2	16895203	16753440	16607342	16751995	0.86	cps
Scandium	45-1	15641993	15504192	15662551	15602912	0.55	cps
Scandium	45-2	1437226	1420728	1406293	1421416	1.09	cps
Selenium	82-1	2093	2166	2140	2133	1.73	cps
Selenium	77-2	690	803	713	736	8.14	cps
Selenium	78-2	1170	1233	1180	1195	2.85	cps
Silicon	28-1	75351634	75091171	74395969	74946258	0.66	cps
Silver	107-1	54100	53843	53531	53825	0.53	cps
Silver	109-1	52351	52635	51969	52318	0.64	cps
Sodium	23-2	274311	273463	273342	273705	0.19	cps
Strontium	86-1	611121	609168	605605	608631	0.46	cps
Strontium	88-1	5308382	5377394	5345353	5343710	0.65	cps
Sulfur	34-1	221539	216255	216366	218053	1.38	cps
Terbium	159-1	36822073	36853749	37967173	37214332	1.75	cps
Terbium	159-2	22418875	22282140	21955833	22218949	1.07	cps
Thallium	203-1	11912	12095	12032	12013	0.78	cps
Thallium	205-1	28757	29348	29368	29158	1.19	cps
Tin	118-1	89271	89509	88379	89053	0.67	cps
Titanium	47-1	3569018	3554312	3495727	3539686	1.10	cps

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LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-15	Instrumnet Name :	P7
Client Sample ID :	MYE5C5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:06:22	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100774	98148	100448	99790	1.43	cps
Vanadium	51-2	1487454	1496264	1460516	1481411	1.26	cps
Yttrium	89-1	41636499	41999021	42643541	42093020	1.21	cps
Yttrium	89-2	10433264	10471052	10446517	10450277	0.18	cps
Zinc	66-2	853087	846764	846963	848938	0.42	cps
Zirconium	90-1	485541	485652	486511	485902	0.11	cps
Zirconium	91-1	108702	108520	108262	108495	0.20	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-16	Instrumnet Name :	P7
Client Sample ID :	MYE5C6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:09:23	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24977424	25135655	25051113	25054730	0.32	cps
Antimony	121-1	76807	76093	78083	76995	1.31	cps
Arsenic	75-2	254136	252394	251676	252736	0.50	cps
Barium	135-1	6293685	6334883	6320715	6316428	0.33	cps
Barium	137-1	10990531	10952852	10923906	10955763	0.30	cps
Beryllium	9-1	4384	4290	4423	4366	1.57	cps
Bismuth	209-1	20401130	21010337	21107073	20839513	1.84	cps
Bismuth	209-2	14616996	14629066	14470375	14572146	0.61	cps
Bromine	81-1	30101	30031	31019	30384	1.82	cps
Bromine	81-2	2397	2594	2494	2495	3.94	cps
Cadmium	108-1	3040	3030	2944	3005	1.77	cps
Cadmium	106-1	15081	14888	15145	15038	0.89	cps
Cadmium	111-1	40522	40525	40744	40597	0.31	cps
Calcium	43-1	774795	772246	765684	770908	0.61	cps
Calcium	44-1	12174374	11984410	11825554	11994779	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1304572	1298520	1299135	1300743	0.26	cps
Cobalt	59-2	1357039	1345608	1340495	1347714	0.63	cps
Copper	63-2	8592384	8570796	8458585	8540588	0.84	cps
Dysprosium	156-1	261293	262148	258074	260505	0.82	cps
Dysprosium	156-2	193206	191179	193368	192585	0.63	cps
Erbium	164-1	206592	205438	204165	205398	0.59	cps
Erbium	164-2	122733	122239	121083	122018	0.69	cps
Gadolinium	160-1	239820	239238	237644	238900	0.47	cps
Gadolinium	160-2	153800	153967	152029	153265	0.70	cps
Holmium	165-1	35517893	36392233	36563118	36157748	1.55	cps
Holmium	165-2	22014581	21989818	22116531	22040310	0.30	cps
Indium	115-1	29406202	30220230	30262975	29963136	1.61	cps
Indium	115-2	9778742	9700896	9693085	9724241	0.49	cps
Iron	56-2	1185569449	1170635183	1175357662	1177187431	0.65	cps
Iron	57-2	29158705	28815070	29014302	28996026	0.60	cps
Iron	54-2	65238182	64560169	64631336	64809896	0.57	cps
Krypton	83-1	723	700	730	718	2.20	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-16	Instrumnet Name :	P7
Client Sample ID :	MYE5C6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:09:23	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4755130	4687700	4700338	4714390	0.76	cps
Lead	207-1	4180935	4155141	4147187	4161088	0.42	cps
Lead	208-1	18989440	19022594	18933465	18981833	0.24	cps
Lithium	6-1	2522335	2556631	2545636	2541534	0.69	cps
Magnesium	24-2	16264271	16506145	16236020	16335479	0.91	cps
Manganese	55-2	53138068	52064749	52351894	52518237	1.06	cps
Molybdenum	94-1	262689	266768	262989	264149	0.86	cps
Molybdenum	95-1	36599	37100	35770	36490	1.84	cps
Molybdenum	96-1	90471	92795	92470	91912	1.37	cps
Molybdenum	97-1	22274	21980	22407	22220	0.98	cps
Molybdenum	98-1	56616	57165	56733	56838	0.51	cps
Neodymium	150-1	487065	489056	483226	486449	0.61	cps
Neodymium	150-2	253973	248982	249627	250860	1.08	cps
Nickel	60-2	481294	480511	476230	479345	0.57	cps
Phosphorus	31-2	75331	75445	74986	75254	0.32	cps
Potassium	39-2	12350092	12476600	12251794	12359495	0.91	cps
Rhodium	103-1	27813193	28198920	28744817	28252310	1.66	cps
Rhodium	103-2	16673364	16447560	16601290	16574071	0.70	cps
Scandium	45-1	15589328	15685716	15735872	15670305	0.48	cps
Scandium	45-2	1457383	1471484	1430771	1453213	1.42	cps
Selenium	82-1	2231	2219	2300	2250	1.94	cps
Selenium	77-2	1013	870	837	907	10.35	cps
Selenium	78-2	1267	1387	1303	1319	4.66	cps
Silicon	28-1	76196417	75597747	75392401	75728855	0.55	cps
Silver	107-1	66290	66588	65781	66220	0.62	cps
Silver	109-1	64017	63974	62825	63605	1.06	cps
Sodium	23-2	310470	311506	309499	310492	0.32	cps
Strontium	86-1	832957	830957	822417	828777	0.68	cps
Strontium	88-1	7222661	7304674	7233564	7253633	0.61	cps
Sulfur	34-1	237170	238003	235303	236825	0.58	cps
Terbium	159-1	36842444	36907848	37358588	37036293	0.76	cps
Terbium	159-2	22574967	22086521	22048141	22236543	1.32	cps
Thallium	203-1	16280	16220	16166	16222	0.35	cps
Thallium	205-1	38625	38802	38855	38761	0.31	cps
Tin	118-1	99446	97826	98631	98634	0.82	cps
Titanium	47-1	4235580	4178228	4143318	4185709	1.11	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-16	Instrumnet Name :	P7
Client Sample ID :	MYE5C6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:09:23	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	135228	137093	135487	135936	0.74	cps
Vanadium	51-2	2018826	2018884	1985449	2007720	0.96	cps
Yttrium	89-1	41866681	42526913	42744903	42379499	1.08	cps
Yttrium	89-2	10691585	10505286	10717962	10638277	1.09	cps
Zinc	66-2	1124716	1126053	1111104	1120624	0.74	cps
Zirconium	90-1	661321	662118	660902	661447	0.09	cps
Zirconium	91-1	148556	147267	149368	148397	0.71	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-17	Instrumnet Name :	P7
Client Sample ID :	MYE5C7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:12:21	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30990167	31833453	30917501	31247040	1.63	cps
Antimony	121-1	41664	41670	40898	41411	1.07	cps
Arsenic	75-2	267297	262683	265231	265070	0.87	cps
Barium	135-1	5581817	5655572	5543530	5593639	1.02	cps
Barium	137-1	9623819	9692600	9512883	9609767	0.94	cps
Beryllium	9-1	5201	5384	5234	5273	1.85	cps
Bismuth	209-1	21629621	20578426	20489538	20899195	3.03	cps
Bismuth	209-2	14419282	14042126	14119880	14193763	1.40	cps
Bromine	81-1	34764	35443	36107	35438	1.90	cps
Bromine	81-2	3864	3707	3510	3694	4.79	cps
Cadmium	108-1	1620	1767	1743	1710	4.61	cps
Cadmium	106-1	13967	13133	13406	13502	3.15	cps
Cadmium	111-1	21062	20841	20707	20870	0.86	cps
Calcium	43-1	800834	796804	793531	797057	0.46	cps
Calcium	44-1	12541129	12476258	12257310	12424899	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1520192	1486879	1481311	1496127	1.41	cps
Cobalt	59-2	1588681	1567018	1579796	1578498	0.69	cps
Copper	63-2	4366507	4428031	4317737	4370758	1.26	cps
Dysprosium	156-1	276165	281399	276994	278186	1.01	cps
Dysprosium	156-2	208514	208856	206424	207932	0.63	cps
Erbium	164-1	212506	216187	215913	214869	0.95	cps
Erbium	164-2	130180	128958	127983	129040	0.85	cps
Gadolinium	160-1	254466	256494	255578	255512	0.40	cps
Gadolinium	160-2	165165	164288	164982	164812	0.28	cps
Holmium	165-1	38737828	35576686	35812059	36708858	4.80	cps
Holmium	165-2	21762206	21833636	21436362	21677401	0.98	cps
Indium	115-1	31729387	29734641	29615253	30359760	3.91	cps
Indium	115-2	9810442	9551862	9472225	9611510	1.84	cps
Iron	56-2	1384809046	1384517259	1361325686	1376883997	0.98	cps
Iron	57-2	34003972	34309151	33400456	33904526	1.36	cps
Iron	54-2	76041146	74722986	74678182	75147438	1.03	cps
Krypton	83-1	860	710	730	767	10.62	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-17	Instrumnet Name :	P7
Client Sample ID :	MYE5C7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:12:21	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2246907	2322921	2286798	2285542	1.66	cps
Lead	207-1	1958255	2028562	2026936	2004584	2.00	cps
Lead	208-1	9001694	9336079	9218262	9185345	1.85	cps
Lithium	6-1	2717330	2553969	2561674	2610991	3.53	cps
Magnesium	24-2	19697543	19671101	19323940	19564195	1.07	cps
Manganese	55-2	46706213	46490233	46192751	46463065	0.55	cps
Molybdenum	94-1	304615	308193	305805	306204	0.60	cps
Molybdenum	95-1	25542	26397	24751	25564	3.22	cps
Molybdenum	96-1	89622	91497	89978	90366	1.10	cps
Molybdenum	97-1	15859	15361	15665	15628	1.60	cps
Molybdenum	98-1	39634	39620	39293	39516	0.49	cps
Neodymium	150-1	537019	543650	535480	538716	0.81	cps
Neodymium	150-2	279702	284047	278250	280666	1.07	cps
Nickel	60-2	642696	629720	633960	635459	1.04	cps
Phosphorus	31-2	53503	54353	52901	53586	1.36	cps
Potassium	39-2	7777160	7728558	7680805	7728841	0.62	cps
Rhodium	103-1	30244440	27753540	28129669	28709216	4.68	cps
Rhodium	103-2	16514161	16327254	16216475	16352630	0.92	cps
Scandium	45-1	16961971	15621280	15703850	16095700	4.67	cps
Scandium	45-2	1451620	1442299	1442144	1445354	0.38	cps
Selenium	82-1	1913	2037	2078	2009	4.27	cps
Selenium	77-2	1027	1033	1090	1050	3.32	cps
Selenium	78-2	1243	1270	1260	1258	1.07	cps
Silicon	28-1	73866754	74256876	72169446	73431025	1.51	cps
Silver	107-1	22431	22087	21987	22168	1.05	cps
Silver	109-1	21039	21266	21332	21212	0.73	cps
Sodium	23-2	296755	294041	297189	295995	0.58	cps
Strontium	86-1	875705	890235	876881	880940	0.92	cps
Strontium	88-1	7655825	7707811	7694491	7686042	0.35	cps
Sulfur	34-1	201290	202138	201412	201614	0.23	cps
Terbium	159-1	39406237	36668044	36950882	37675054	4.00	cps
Terbium	159-2	22273560	21895221	21859056	22009279	1.04	cps
Thallium	203-1	15312	16176	15432	15640	2.99	cps
Thallium	205-1	36756	36492	37284	36844	1.09	cps
Tin	118-1	111511	112508	113285	112435	0.79	cps
Titanium	47-1	4636110	4697159	4537939	4623736	1.74	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-17	Instrumnet Name :	P7
Client Sample ID :	MYE5C7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:12:21	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	126197	128247	127530	127325	0.82	cps
Vanadium	51-2	2697067	2633081	2614151	2648100	1.64	cps
Yttrium	89-1	45365158	41961429	42437789	43254792	4.26	cps
Yttrium	89-2	10533391	10535722	10350987	10473367	1.01	cps
Zinc	66-2	639050	643540	640181	640924	0.36	cps
Zirconium	90-1	785046	792627	789078	788917	0.48	cps
Zirconium	91-1	175617	179494	176511	177207	1.15	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-18	Instrumnet Name :	P7
Client Sample ID :	MYE5C8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:15:20	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16976947	17003026	17014670	16998214	0.11	cps
Antimony	121-1	71935	73489	71031	72152	1.72	cps
Arsenic	75-2	188784	186294	187349	187476	0.67	cps
Barium	135-1	3471878	3511050	3461726	3481551	0.75	cps
Barium	137-1	5977604	6011580	5956287	5981824	0.47	cps
Beryllium	9-1	3378	3250	3339	3323	1.97	cps
Bismuth	209-1	21069194	20937059	20755120	20920458	0.75	cps
Bismuth	209-2	13936464	14039712	14320862	14099013	1.41	cps
Bromine	81-1	30475	32733	32075	31761	3.66	cps
Bromine	81-2	2847	2714	2930	2830	3.86	cps
Cadmium	108-1	1240	1290	1370	1300	5.04	cps
Cadmium	106-1	12779	11972	11968	12240	3.82	cps
Cadmium	111-1	15786	15779	15503	15689	1.03	cps
Calcium	43-1	449437	448130	452509	450025	0.50	cps
Calcium	44-1	7149588	6905836	6989808	7015077	1.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1140445	1127310	1123621	1130458	0.78	cps
Cobalt	59-2	1150890	1151101	1141496	1147829	0.48	cps
Copper	63-2	3406287	3372868	3409720	3396292	0.60	cps
Dysprosium	156-1	179582	180034	177014	178877	0.91	cps
Dysprosium	156-2	131475	131683	130799	131319	0.35	cps
Erbium	164-1	140101	139872	140088	140020	0.09	cps
Erbium	164-2	83384	83856	83384	83541	0.33	cps
Gadolinium	160-1	161107	164197	161674	162326	1.01	cps
Gadolinium	160-2	105437	103411	104445	104431	0.97	cps
Holmium	165-1	36804344	36946171	36665393	36805303	0.38	cps
Holmium	165-2	21451251	21690453	21841318	21661007	0.91	cps
Indium	115-1	30950352	30500235	30111621	30520736	1.38	cps
Indium	115-2	9576409	9556949	9589835	9574398	0.17	cps
Iron	56-2	1131294010	1123400517	1121704090	1125466205	0.45	cps
Iron	57-2	28050810	27796861	27815430	27887700	0.51	cps
Iron	54-2	62496324	61524389	61065827	61695514	1.18	cps
Krypton	83-1	667	650	713	677	4.85	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-18	Instrumnet Name :	P7
Client Sample ID :	MYE5C8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:15:20	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1720694	1760123	1758161	1746326	1.27	cps
Lead	207-1	1505022	1544158	1536472	1528550	1.36	cps
Lead	208-1	6846803	7017363	6933371	6932512	1.23	cps
Lithium	6-1	2624779	2598892	2494869	2572846	2.67	cps
Magnesium	24-2	13595800	13574745	13642738	13604428	0.26	cps
Manganese	55-2	33611167	33271168	33201461	33361265	0.66	cps
Molybdenum	94-1	190637	192413	192055	191701	0.49	cps
Molybdenum	95-1	21476	21362	21262	21367	0.50	cps
Molybdenum	96-1	64079	64484	64552	64372	0.40	cps
Molybdenum	97-1	13203	13563	13299	13355	1.40	cps
Molybdenum	98-1	33108	33652	32997	33252	1.05	cps
Neodymium	150-1	324992	327760	325054	325935	0.48	cps
Neodymium	150-2	171966	168363	167955	169428	1.30	cps
Nickel	60-2	445390	440299	439745	441811	0.70	cps
Phosphorus	31-2	48379	49256	48563	48733	0.95	cps
Potassium	39-2	8363106	8262458	8262877	8296147	0.70	cps
Rhodium	103-1	29884855	29383399	28451499	29239918	2.49	cps
Rhodium	103-2	16428576	16366081	16551111	16448589	0.57	cps
Scandium	45-1	16211129	15620242	15467111	15766161	2.49	cps
Scandium	45-2	1397317	1388708	1426184	1404070	1.40	cps
Selenium	82-1	1926	1881	1823	1877	2.76	cps
Selenium	77-2	720	607	613	647	9.83	cps
Selenium	78-2	1160	1063	1097	1107	4.44	cps
Silicon	28-1	73939299	71400032	73172691	72837341	1.79	cps
Silver	107-1	21483	21506	21559	21516	0.18	cps
Silver	109-1	20227	20775	20291	20431	1.47	cps
Sodium	23-2	971969	969113	958734	966605	0.72	cps
Strontium	86-1	575361	573649	578303	575771	0.41	cps
Strontium	88-1	5132311	5060749	4989506	5060855	1.41	cps
Sulfur	34-1	208307	202304	203901	204837	1.52	cps
Terbium	159-1	38212885	37609132	37229965	37683994	1.32	cps
Terbium	159-2	21553649	21843922	21912702	21770091	0.88	cps
Thallium	203-1	12583	12523	13000	12702	2.05	cps
Thallium	205-1	29218	30384	29609	29737	2.00	cps
Tin	118-1	95205	94994	93252	94484	1.13	cps
Titanium	47-1	3308696	3291014	3232585	3277431	1.22	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-18	Instrumnet Name :	P7
Client Sample ID :	MYE5C8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:15:20	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	108578	111320	110053	109984	1.25	cps
Vanadium	51-2	2182225	2165727	2182269	2176740	0.44	cps
Yttrium	89-1	43298031	42772618	42357176	42809275	1.10	cps
Yttrium	89-2	10368055	10319084	10361551	10349564	0.26	cps
Zinc	66-2	624686	625431	625014	625044	0.06	cps
Zirconium	90-1	485701	486018	487143	486287	0.16	cps
Zirconium	91-1	109232	108584	109709	109175	0.52	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-19	Instrumnet Name :	P7
Client Sample ID :	MYE5C9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:18:20	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26481685	26289930	26343735	26371784	0.38	cps
Antimony	121-1	20415	21002	20501	20639	1.54	cps
Arsenic	75-2	171697	171775	169249	170907	0.84	cps
Barium	135-1	3914115	3923456	3912106	3916559	0.15	cps
Barium	137-1	6706773	6664636	6741652	6704354	0.58	cps
Beryllium	9-1	4534	4406	4334	4425	2.29	cps
Bismuth	209-1	20320150	20647460	20757534	20575048	1.11	cps
Bismuth	209-2	13978047	14110203	14040004	14042751	0.47	cps
Bromine	81-1	33809	35610	35686	35035	3.03	cps
Bromine	81-2	3884	3667	3774	3775	2.87	cps
Cadmium	108-1	1077	1107	1183	1122	4.90	cps
Cadmium	106-1	11808	12149	11421	11793	3.09	cps
Cadmium	111-1	12293	12551	12454	12433	1.05	cps
Calcium	43-1	608627	604762	599690	604360	0.74	cps
Calcium	44-1	9371669	9486397	9260644	9372903	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1438181	1421443	1413623	1424416	0.88	cps
Cobalt	59-2	1101510	1092807	1093703	1096007	0.44	cps
Copper	63-2	2290976	2280669	2298138	2289928	0.38	cps
Dysprosium	156-1	215594	217842	215562	216333	0.60	cps
Dysprosium	156-2	162872	159342	158436	160216	1.46	cps
Erbium	164-1	172204	177442	175457	175034	1.51	cps
Erbium	164-2	104813	101609	104534	103652	1.71	cps
Gadolinium	160-1	204112	205730	206580	205474	0.61	cps
Gadolinium	160-2	133391	132325	131325	132347	0.78	cps
Holmium	165-1	36120953	36382539	36002897	36168796	0.54	cps
Holmium	165-2	21503940	21480531	21943591	21642687	1.21	cps
Indium	115-1	29643666	30137556	29831128	29870783	0.83	cps
Indium	115-2	9416946	9499339	9514317	9476867	0.55	cps
Iron	56-2	1066753451	1059775131	1049258731	1058595771	0.83	cps
Iron	57-2	26299739	26136100	25926894	26120911	0.72	cps
Iron	54-2	58214479	57913837	57932037	58020118	0.29	cps
Krypton	83-1	687	723	650	687	5.34	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-19	Instrumnet Name :	P7
Client Sample ID :	MYE5C9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:18:20	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1257935	1265442	1262104	1261827	0.30	cps
Lead	207-1	1086849	1094966	1094946	1092254	0.43	cps
Lead	208-1	4937115	4969655	4984577	4963782	0.49	cps
Lithium	6-1	2454101	2473213	2471471	2466262	0.43	cps
Magnesium	24-2	14265007	14060702	14244121	14189943	0.79	cps
Manganese	55-2	30002675	29746561	29542763	29764000	0.77	cps
Molybdenum	94-1	253291	253657	252268	253072	0.28	cps
Molybdenum	95-1	18699	18569	18445	18571	0.68	cps
Molybdenum	96-1	70995	72160	71236	71463	0.86	cps
Molybdenum	97-1	11385	11591	11378	11451	1.06	cps
Molybdenum	98-1	29172	29583	29009	29255	1.01	cps
Neodymium	150-1	419766	420013	421394	420391	0.21	cps
Neodymium	150-2	214485	216065	216769	215773	0.54	cps
Nickel	60-2	454522	453407	453333	453754	0.15	cps
Phosphorus	31-2	38609	38365	38398	38457	0.34	cps
Potassium	39-2	7923670	7799417	7812644	7845244	0.87	cps
Rhodium	103-1	28067175	28504168	28013662	28195002	0.95	cps
Rhodium	103-2	16268987	16358554	16313341	16313627	0.27	cps
Scandium	45-1	15652124	15635938	15472899	15586987	0.64	cps
Scandium	45-2	1390997	1376196	1395746	1387646	0.73	cps
Selenium	82-1	1851	1736	1866	1818	3.91	cps
Selenium	77-2	833	823	780	812	3.49	cps
Selenium	78-2	1180	1193	1080	1151	5.38	cps
Silicon	28-1	87471815	86119859	85046509	86212728	1.41	cps
Silver	107-1	11738	11558	11678	11658	0.79	cps
Silver	109-1	10584	10614	10624	10607	0.20	cps
Sodium	23-2	215890	215662	215863	215805	0.06	cps
Strontium	86-1	661853	662089	657987	660643	0.35	cps
Strontium	88-1	5711133	5744162	5707191	5720829	0.35	cps
Sulfur	34-1	187866	186041	183025	185644	1.32	cps
Terbium	159-1	36575044	37182160	37007590	36921598	0.85	cps
Terbium	159-2	21679774	21827961	21775743	21761159	0.35	cps
Thallium	203-1	12149	12556	12246	12317	1.73	cps
Thallium	205-1	29111	29272	29238	29207	0.29	cps
Tin	118-1	87138	90066	88972	88726	1.67	cps
Titanium	47-1	3516328	3543204	3501522	3520351	0.60	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-19	Instrumnet Name :	P7
Client Sample ID :	MYE5C9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:18:20	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	107811	108719	108195	108242	0.42	cps
Vanadium	51-2	2086738	2078738	2088774	2084750	0.25	cps
Yttrium	89-1	41814580	41869978	41915782	41866780	0.12	cps
Yttrium	89-2	10136518	10212388	10235096	10194667	0.51	cps
Zinc	66-2	431953	427214	423191	427453	1.03	cps
Zirconium	90-1	658879	659740	656873	658497	0.22	cps
Zirconium	91-1	145718	149182	145425	146775	1.42	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-20	Instrumnet Name :	P7
Client Sample ID :	MYE5D0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:21:21	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33287674	33399699	33374570	33353981	0.18	cps
Antimony	121-1	24534	24605	24224	24454	0.83	cps
Arsenic	75-2	195969	193376	195493	194946	0.71	cps
Barium	135-1	5704417	5747808	5665798	5706008	0.72	cps
Barium	137-1	9875192	9942093	9815274	9877520	0.64	cps
Beryllium	9-1	5040	5034	4706	4927	3.88	cps
Bismuth	209-1	20492535	20400900	20623651	20505695	0.55	cps
Bismuth	209-2	14031679	13898524	14006767	13978990	0.51	cps
Bromine	81-1	37945	39757	40385	39362	3.22	cps
Bromine	81-2	4848	4481	4464	4597	4.71	cps
Cadmium	108-1	1187	1170	1007	1121	8.87	cps
Cadmium	106-1	12405	11628	11665	11899	3.69	cps
Cadmium	111-1	10669	10282	10376	10442	1.94	cps
Calcium	43-1	846376	854075	833427	844626	1.24	cps
Calcium	44-1	12889629	13203910	13001169	13031569	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1508609	1469375	1491295	1489760	1.32	cps
Cobalt	59-2	1674623	1683520	1678461	1678868	0.27	cps
Copper	63-2	2581296	2580913	2567548	2576586	0.30	cps
Dysprosium	156-1	271602	273401	270112	271705	0.61	cps
Dysprosium	156-2	200870	203608	206225	203567	1.32	cps
Erbium	164-1	215859	218674	219801	218111	0.93	cps
Erbium	164-2	129766	130785	133000	131184	1.26	cps
Gadolinium	160-1	253690	257327	256962	255993	0.78	cps
Gadolinium	160-2	167346	165283	165174	165934	0.74	cps
Holmium	165-1	36563729	36472019	36219721	36418490	0.49	cps
Holmium	165-2	21897953	21850831	21894732	21881172	0.12	cps
Indium	115-1	29700677	29679210	29675701	29685196	0.05	cps
Indium	115-2	9425794	9372913	9412286	9403664	0.29	cps
Iron	56-2	1298393954	1291804301	1265059208	1285085821	1.37	cps
Iron	57-2	31118285	31998455	31863393	31660044	1.50	cps
Iron	54-2	70879954	70587687	69787406	70418349	0.80	cps
Krypton	83-1	757	763	747	756	1.11	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-20	Instrumnet Name :	P7
Client Sample ID :	MYE5D0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:21:21	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1073597	1087219	1092796	1084538	0.91	cps
Lead	207-1	926030	933903	940415	933449	0.77	cps
Lead	208-1	4256711	4271803	4284821	4271112	0.33	cps
Lithium	6-1	2681595	2657451	2541047	2626698	2.86	cps
Magnesium	24-2	22107486	22237123	22135166	22159925	0.31	cps
Manganese	55-2	133343188	133597828	130901978	132614331	1.12	cps
Molybdenum	94-1	255306	257092	256516	256305	0.36	cps
Molybdenum	95-1	29707	29062	29540	29436	1.14	cps
Molybdenum	96-1	81525	82025	81998	81850	0.34	cps
Molybdenum	97-1	16333	17053	16423	16603	2.37	cps
Molybdenum	98-1	40830	41606	41412	41283	0.98	cps
Neodymium	150-1	538709	540092	542491	540431	0.35	cps
Neodymium	150-2	281923	282330	283090	282448	0.21	cps
Nickel	60-2	591217	593392	593926	592845	0.24	cps
Phosphorus	31-2	46631	46106	45086	45941	1.71	cps
Potassium	39-2	8768245	8684334	8538594	8663724	1.34	cps
Rhodium	103-1	28084947	27727397	27977220	27929855	0.66	cps
Rhodium	103-2	16252933	16124627	16348027	16241862	0.69	cps
Scandium	45-1	15701496	15755576	15463692	15640254	0.99	cps
Scandium	45-2	1434107	1408888	1384316	1409104	1.77	cps
Selenium	82-1	1734	1754	1757	1748	0.73	cps
Selenium	77-2	940	953	883	926	4.02	cps
Selenium	78-2	1403	1220	1180	1268	9.39	cps
Silicon	28-1	81595937	81855507	81058879	81503441	0.50	cps
Silver	107-1	9900	9673	9517	9697	1.99	cps
Silver	109-1	9093	9180	9080	9117	0.60	cps
Sodium	23-2	350490	345146	350718	348785	0.90	cps
Strontium	86-1	905139	905099	898231	902823	0.44	cps
Strontium	88-1	7895221	7874755	7803394	7857790	0.61	cps
Sulfur	34-1	189759	192344	189580	190561	0.81	cps
Terbium	159-1	36907603	36851963	36746044	36835203	0.22	cps
Terbium	159-2	21466711	21764590	21774560	21668620	0.81	cps
Thallium	203-1	13834	13871	13934	13879	0.36	cps
Thallium	205-1	31867	32713	32997	32526	1.81	cps
Tin	118-1	86776	87846	86427	87016	0.85	cps
Titanium	47-1	3650739	3643953	3562048	3618913	1.36	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-20	Instrumnet Name :	P7
Client Sample ID :	MYE5D0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:21:21	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	117977	120280	119732	119329	1.01	cps
Vanadium	51-2	2491323	2472290	2435998	2466537	1.14	cps
Yttrium	89-1	42167549	41907163	41218060	41764257	1.17	cps
Yttrium	89-2	10254594	10322524	10486066	10354395	1.15	cps
Zinc	66-2	482661	491449	491959	488690	1.07	cps
Zirconium	90-1	650782	658922	649325	653010	0.79	cps
Zirconium	91-1	145328	146203	145580	145704	0.31	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-21	Instrumnet Name :	P7
Client Sample ID :	MYE5D1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:24:20	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23647535	23259750	22997818	23301701	1.40	cps
Antimony	121-1	24604	25199	24534	24779	1.47	cps
Arsenic	75-2	170153	166070	166539	167587	1.33	cps
Barium	135-1	3694120	3719215	3706373	3706569	0.34	cps
Barium	137-1	6414092	6393051	6409947	6405697	0.17	cps
Beryllium	9-1	3600	3878	3406	3628	6.54	cps
Bismuth	209-1	21437131	21351821	21174191	21321047	0.63	cps
Bismuth	209-2	14504444	14461135	14516890	14494156	0.20	cps
Bromine	81-1	34049	35229	36539	35272	3.53	cps
Bromine	81-2	3794	3711	3727	3744	1.18	cps
Cadmium	108-1	1230	1210	1257	1232	1.90	cps
Cadmium	106-1	11792	11445	11595	11610	1.50	cps
Cadmium	111-1	13117	13215	13200	13177	0.40	cps
Calcium	43-1	539796	543714	539072	540861	0.46	cps
Calcium	44-1	8531704	8519348	8328559	8459871	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1061375	1075680	1053965	1063673	1.04	cps
Cobalt	59-2	1010195	1016396	1010859	1012484	0.34	cps
Copper	63-2	3102709	3102152	3062913	3089258	0.74	cps
Dysprosium	156-1	189302	195132	193673	192702	1.57	cps
Dysprosium	156-2	145279	145312	144936	145176	0.14	cps
Erbium	164-1	151316	153480	154295	153030	1.01	cps
Erbium	164-2	92967	91970	93181	92706	0.70	cps
Gadolinium	160-1	179826	184170	182040	182012	1.19	cps
Gadolinium	160-2	120291	118657	116322	118423	1.68	cps
Holmium	165-1	37189016	37207947	36557363	36984775	1.00	cps
Holmium	165-2	22535383	21884190	22149394	22189656	1.48	cps
Indium	115-1	31002717	30649538	30205787	30619347	1.30	cps
Indium	115-2	9616637	9575447	9698034	9630039	0.65	cps
Iron	56-2	981524039	985104785	968587159	978405328	0.89	cps
Iron	57-2	23665467	24128617	23911808	23901964	0.97	cps
Iron	54-2	52622081	53593894	53262813	53159596	0.93	cps
Krypton	83-1	633	667	680	660	3.64	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-21	Instrumnet Name :	P7
Client Sample ID :	MYE5D1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:24:20	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1477414	1489121	1495974	1487503	0.63	cps
Lead	207-1	1281498	1307719	1312297	1300504	1.28	cps
Lead	208-1	5799661	5937960	5895121	5877581	1.20	cps
Lithium	6-1	2763411	2662537	2618199	2681382	2.78	cps
Magnesium	24-2	13423755	13235093	13073315	13244054	1.32	cps
Manganese	55-2	32448940	32832026	32536106	32605691	0.62	cps
Molybdenum	94-1	210403	215492	211721	212538	1.24	cps
Molybdenum	95-1	18385	18665	18765	18605	1.06	cps
Molybdenum	96-1	63239	63149	63581	63323	0.36	cps
Molybdenum	97-1	11178	10811	11101	11030	1.75	cps
Molybdenum	98-1	28381	28431	27793	28202	1.26	cps
Neodymium	150-1	374008	385010	382034	380351	1.50	cps
Neodymium	150-2	201179	197413	196765	198452	1.20	cps
Nickel	60-2	400459	402039	397629	400043	0.56	cps
Phosphorus	31-2	32237	32568	33042	32616	1.24	cps
Potassium	39-2	7402241	7506357	7470778	7459792	0.71	cps
Rhodium	103-1	29419071	28634562	28342332	28798655	1.93	cps
Rhodium	103-2	16616764	16517898	16518705	16551122	0.34	cps
Scandium	45-1	16302332	15791690	15428825	15840949	2.77	cps
Scandium	45-2	1422435	1422623	1425741	1423599	0.13	cps
Selenium	82-1	1855	1737	1828	1806	3.40	cps
Selenium	77-2	650	613	680	648	5.15	cps
Selenium	78-2	1117	1070	1203	1130	5.99	cps
Silicon	28-1	78941590	80195047	79489649	79542095	0.79	cps
Silver	107-1	16456	16706	16796	16653	1.06	cps
Silver	109-1	15725	15712	16256	15898	1.95	cps
Sodium	23-2	270980	263749	265533	266754	1.41	cps
Strontium	86-1	567592	582098	576468	575386	1.27	cps
Strontium	88-1	4928981	5005626	4993917	4976175	0.83	cps
Sulfur	34-1	188041	185832	185110	186328	0.82	cps
Terbium	159-1	38156365	37115707	37501330	37591134	1.40	cps
Terbium	159-2	22271324	22019356	22233639	22174773	0.61	cps
Thallium	203-1	10894	11228	11205	11109	1.68	cps
Thallium	205-1	26155	27438	26846	26813	2.39	cps
Tin	118-1	82367	85082	84319	83923	1.67	cps
Titanium	47-1	3333475	3318117	3263981	3305191	1.10	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-21	Instrumnet Name :	P7
Client Sample ID :	MYE5D1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:24:20	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	90095	91424	91659	91059	0.93	cps
Vanadium	51-2	1825815	1844427	1852359	1840867	0.74	cps
Yttrium	89-1	42347966	42691986	42008234	42349395	0.81	cps
Yttrium	89-2	10269151	10394041	10425471	10362888	0.80	cps
Zinc	66-2	435848	430513	426650	431004	1.07	cps
Zirconium	90-1	542007	553491	548969	548156	1.06	cps
Zirconium	91-1	121515	123884	123847	123082	1.10	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-22	Instrumnet Name :	P7
Client Sample ID :	MYE5D2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:27:24	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17129987	17134467	17055755	17106736	0.26	cps
Antimony	121-1	62722	63633	63673	63343	0.85	cps
Arsenic	75-2	290670	293838	287383	290630	1.11	cps
Barium	135-1	5019301	5033010	5055857	5036056	0.37	cps
Barium	137-1	8541830	8818150	8741280	8700420	1.64	cps
Beryllium	9-1	3356	3306	3423	3362	1.74	cps
Bismuth	209-1	22158931	22141158	21831913	22044001	0.83	cps
Bismuth	209-2	14453122	14687736	14564362	14568407	0.81	cps
Bromine	81-1	23669	24507	24550	24242	2.05	cps
Bromine	81-2	1493	1547	1583	1541	2.94	cps
Cadmium	108-1	2410	2514	2487	2470	2.17	cps
Cadmium	106-1	14407	13967	13486	13953	3.30	cps
Cadmium	111-1	33388	34491	34264	34048	1.71	cps
Calcium	43-1	388148	394496	392072	391572	0.82	cps
Calcium	44-1	6123240	6092945	6176307	6130830	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1001476	986187	998649	995437	0.82	cps
Cobalt	59-2	1276377	1273365	1264453	1271398	0.49	cps
Copper	63-2	8490471	8365907	8440342	8432240	0.74	cps
Dysprosium	156-1	215363	221240	220806	219136	1.49	cps
Dysprosium	156-2	162383	165468	162990	163614	1.00	cps
Erbium	164-1	165960	170065	170483	168836	1.48	cps
Erbium	164-2	103648	101532	101274	102151	1.27	cps
Gadolinium	160-1	193731	198344	197256	196444	1.23	cps
Gadolinium	160-2	128089	129132	126811	128011	0.91	cps
Holmium	165-1	38582008	37997458	37669192	38082886	1.21	cps
Holmium	165-2	22137996	22513841	21883123	22178320	1.43	cps
Indium	115-1	31550879	31373688	30822137	31248901	1.22	cps
Indium	115-2	9709674	9650811	9780724	9713736	0.67	cps
Iron	56-2	1027733158	1013764572	1005246145	1015581292	1.12	cps
Iron	57-2	24844881	24863099	24940045	24882675	0.20	cps
Iron	54-2	55763539	54631433	55239669	55211547	1.03	cps
Krypton	83-1	657	643	677	659	2.55	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-22	Instrumnet Name :	P7
Client Sample ID :	MYE5D2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:27:24	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4078159	4069637	4126308	4091368	0.75	cps
Lead	207-1	3640201	3626390	3655753	3640781	0.40	cps
Lead	208-1	16397593	16612768	16655834	16555398	0.84	cps
Lithium	6-1	2764277	2688446	2619844	2690855	2.68	cps
Magnesium	24-2	11859137	11822336	11769282	11816919	0.38	cps
Manganese	55-2	53314609	52331173	52603934	52749905	0.96	cps
Molybdenum	94-1	192616	196722	198047	195795	1.45	cps
Molybdenum	95-1	27750	28197	27673	27873	1.02	cps
Molybdenum	96-1	70690	70140	69692	70174	0.71	cps
Molybdenum	97-1	16987	17207	17344	17179	1.05	cps
Molybdenum	98-1	42766	43535	43611	43304	1.08	cps
Neodymium	150-1	394626	407310	406214	402716	1.75	cps
Neodymium	150-2	211239	209242	208700	209727	0.64	cps
Nickel	60-2	381396	382401	375311	379702	1.01	cps
Phosphorus	31-2	48366	49102	47945	48471	1.21	cps
Potassium	39-2	8677005	8577492	8668462	8640986	0.64	cps
Rhodium	103-1	30057726	29496444	28892141	29482104	1.98	cps
Rhodium	103-2	16776353	16634431	16911696	16774160	0.83	cps
Scandium	45-1	16303944	15971504	15844060	16039836	1.48	cps
Scandium	45-2	1428423	1410123	1432416	1423654	0.83	cps
Selenium	82-1	2104	2171	2245	2173	3.23	cps
Selenium	77-2	750	780	653	728	9.10	cps
Selenium	78-2	1217	1223	1250	1230	1.43	cps
Silicon	28-1	72621486	72788579	72763179	72724414	0.12	cps
Silver	107-1	46431	47919	47758	47369	1.72	cps
Silver	109-1	45508	45163	46317	45663	1.30	cps
Sodium	23-2	234737	235525	233941	234735	0.34	cps
Strontium	86-1	495205	507952	505667	502941	1.35	cps
Strontium	88-1	4282423	4405014	4412546	4366661	1.67	cps
Sulfur	34-1	175495	176267	174908	175557	0.39	cps
Terbium	159-1	39493454	38923972	38390688	38936038	1.42	cps
Terbium	159-2	22345268	22277146	22278008	22300141	0.18	cps
Thallium	203-1	16670	16730	17198	16866	1.71	cps
Thallium	205-1	39494	39999	41015	40169	1.93	cps
Tin	118-1	88865	91803	91132	90600	1.70	cps
Titanium	47-1	3868955	3791938	3875926	3845606	1.21	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-22	Instrumnet Name :	P7
Client Sample ID :	MYE5D2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:27:24	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	106891	110318	108521	108577	1.58	cps
Vanadium	51-2	1821636	1789126	1814208	1808323	0.94	cps
Yttrium	89-1	43948674	43623089	43068053	43546605	1.02	cps
Yttrium	89-2	10566223	10306695	10498259	10457059	1.29	cps
Zinc	66-2	736987	738312	728263	734521	0.74	cps
Zirconium	90-1	481475	490281	494125	488627	1.33	cps
Zirconium	91-1	107789	110878	109404	109357	1.41	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08	Instrumnet Name :	P7
Client Sample ID :	MYE4P2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:30:22	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25476511	25557459	25827190	25620387	0.72	cps
Antimony	121-1	38923	40577	40330	39943	2.23	cps
Arsenic	75-2	162779	166707	164079	164521	1.22	cps
Barium	135-1	3867776	3900388	3881890	3883351	0.42	cps
Barium	137-1	6667252	6779700	6736954	6727969	0.84	cps
Beryllium	9-1	3878	3734	3884	3832	2.22	cps
Bismuth	209-1	20385375	20604921	20751271	20580522	0.89	cps
Bismuth	209-2	14317553	14419386	14533394	14423444	0.75	cps
Bromine	81-1	33314	34818	34684	34272	2.43	cps
Bromine	81-2	3354	3390	3397	3380	0.69	cps
Cadmium	108-1	1250	1253	1247	1250	0.27	cps
Cadmium	106-1	11628	12189	12259	12025	2.87	cps
Cadmium	111-1	13866	14208	14503	14193	2.25	cps
Calcium	43-1	918418	921617	921617	920551	0.20	cps
Calcium	44-1	14173144	14332608	14417280	14307677	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1101745	1085211	1093232	1093396	0.76	cps
Cobalt	59-2	1161457	1159738	1152506	1157900	0.41	cps
Copper	63-2	2741353	2773953	2739907	2751737	0.70	cps
Dysprosium	156-1	242116	244290	246641	244349	0.93	cps
Dysprosium	156-2	181445	183448	184410	183101	0.83	cps
Erbium	164-1	190323	194840	195302	193488	1.42	cps
Erbium	164-2	118340	118548	117190	118026	0.62	cps
Gadolinium	160-1	225377	229365	232472	229071	1.55	cps
Gadolinium	160-2	148811	150343	150626	149927	0.65	cps
Holmium	165-1	35869742	36527394	36187578	36194905	0.91	cps
Holmium	165-2	22320676	22065632	22209539	22198616	0.58	cps
Indium	115-1	29613711	30198812	29863082	29891868	0.98	cps
Indium	115-2	9470260	9390213	9579007	9479827	1.00	cps
Iron	56-2	976320812	954413772	957715559	962816715	1.23	cps
Iron	57-2	24081158	23669132	23924689	23891660	0.87	cps
Iron	54-2	53298241	52088909	53061133	52816094	1.21	cps
Krypton	83-1	593	660	767	673	12.99	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08	Instrumnet Name :	P7
Client Sample ID :	MYE4P2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:30:22	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1191225	1217548	1225688	1211487	1.49	cps
Lead	207-1	1021908	1043122	1054526	1039852	1.59	cps
Lead	208-1	4676542	4740273	4792075	4736297	1.22	cps
Lithium	6-1	2475367	2544002	2559683	2526350	1.78	cps
Magnesium	24-2	20310781	20435602	20468641	20405008	0.41	cps
Manganese	55-2	21235976	20839718	21003077	21026257	0.95	cps
Molybdenum	94-1	264983	270363	268000	267782	1.01	cps
Molybdenum	95-1	17771	17918	18271	17987	1.43	cps
Molybdenum	96-1	72009	73416	73520	72982	1.16	cps
Molybdenum	97-1	10887	11188	11418	11164	2.38	cps
Molybdenum	98-1	27960	28728	28251	28313	1.37	cps
Neodymium	150-1	465770	477870	468855	470832	1.34	cps
Neodymium	150-2	249062	247179	246303	247515	0.57	cps
Nickel	60-2	478138	477352	471222	475571	0.80	cps
Phosphorus	31-2	70321	71828	72146	71431	1.36	cps
Potassium	39-2	12676126	12504174	12636849	12605716	0.71	cps
Rhodium	103-1	27436484	28104090	28465710	28002095	1.86	cps
Rhodium	103-2	16382170	16183648	16375696	16313838	0.69	cps
Scandium	45-1	15333698	15510204	15410719	15418207	0.57	cps
Scandium	45-2	1398591	1391858	1415739	1402063	0.88	cps
Selenium	82-1	2059	1937	1910	1968	4.03	cps
Selenium	77-2	970	853	837	887	8.19	cps
Selenium	78-2	1197	1333	1323	1285	5.93	cps
Silicon	28-1	76357052	78003451	77839347	77399950	1.17	cps
Silver	107-1	14888	14397	15078	14788	2.38	cps
Silver	109-1	14127	13713	14427	14089	2.54	cps
Sodium	23-2	395007	398720	398361	397363	0.52	cps
Strontium	86-1	913533	919898	923987	919139	0.57	cps
Strontium	88-1	8003470	8143441	8074747	8073886	0.87	cps
Sulfur	34-1	226963	226910	226193	226689	0.19	cps
Terbium	159-1	36420525	37065236	37470234	36985332	1.43	cps
Terbium	159-2	22004090	21984843	21952416	21980449	0.12	cps
Thallium	203-1	12326	11992	12269	12196	1.46	cps
Thallium	205-1	28791	28670	28841	28767	0.30	cps
Tin	118-1	70123	71141	71319	70861	0.91	cps
Titanium	47-1	3292827	3362647	3300322	3318599	1.16	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08	Instrumnet Name :	P7
Client Sample ID :	MYE4P2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:30:22	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	109804	113145	112779	111909	1.64	cps
Vanadium	51-2	1769115	1733551	1737326	1746664	1.12	cps
Yttrium	89-1	41695886	42450226	42380651	42175588	0.99	cps
Yttrium	89-2	10450902	10135801	10352732	10313145	1.56	cps
Zinc	66-2	564686	566470	559886	563681	0.60	cps
Zirconium	90-1	697593	702819	706123	702178	0.61	cps
Zirconium	91-1	155349	157242	157052	156547	0.67	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-09	Instrumnet Name :	P7
Client Sample ID :	MYE4P2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:33:24	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25115077	25147421	25065332	25109277	0.16	cps
Antimony	121-1	39277	41373	41309	40653	2.93	cps
Arsenic	75-2	165400	164463	162451	164105	0.92	cps
Barium	135-1	3812962	3920324	3924285	3885857	1.63	cps
Barium	137-1	6582129	6796559	6757258	6711982	1.70	cps
Beryllium	9-1	3662	3851	3728	3747	2.56	cps
Bismuth	209-1	21447286	20966446	20841886	21085206	1.52	cps
Bismuth	209-2	14469626	13945455	14133409	14182830	1.87	cps
Bromine	81-1	33428	33875	34794	34033	2.05	cps
Bromine	81-2	3290	3384	3510	3395	3.25	cps
Cadmium	108-1	1207	1083	1147	1146	5.38	cps
Cadmium	106-1	12432	12646	12255	12444	1.57	cps
Cadmium	111-1	13868	14285	14227	14127	1.60	cps
Calcium	43-1	905360	925434	927319	919371	1.32	cps
Calcium	44-1	14131645	14299740	14357091	14262825	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1111485	1103664	1105374	1106841	0.37	cps
Cobalt	59-2	1167593	1165751	1157406	1163583	0.47	cps
Copper	63-2	2777385	2803748	2786777	2789304	0.48	cps
Dysprosium	156-1	236396	249202	246281	243960	2.75	cps
Dysprosium	156-2	183361	182043	185400	183602	0.92	cps
Erbium	164-1	188766	194553	193525	192281	1.61	cps
Erbium	164-2	118387	118195	118131	118238	0.11	cps
Gadolinium	160-1	224391	232539	230684	229205	1.86	cps
Gadolinium	160-2	150152	150159	151132	150481	0.37	cps
Holmium	165-1	37521381	36697266	36485841	36901496	1.48	cps
Holmium	165-2	22060999	21643081	21850449	21851510	0.96	cps
Indium	115-1	30886061	30424554	30302708	30537774	1.01	cps
Indium	115-2	9496950	9410905	9504402	9470752	0.55	cps
Iron	56-2	971059479	965453692	963258386	966590519	0.42	cps
Iron	57-2	24007738	24099818	23706931	23938162	0.86	cps
Iron	54-2	53094799	53043473	53192453	53110241	0.14	cps
Krypton	83-1	637	733	697	689	7.08	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-09	Instrumnet Name :	P7
Client Sample ID :	MYE4P2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:33:24	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1181016	1228140	1229033	1212730	2.26	cps
Lead	207-1	1020767	1050614	1062061	1044481	2.04	cps
Lead	208-1	4669905	4820599	4834205	4774903	1.91	cps
Lithium	6-1	2751929	2616218	2583622	2650590	3.37	cps
Magnesium	24-2	20066866	20153949	20169956	20130257	0.28	cps
Manganese	55-2	21321734	21170508	21268168	21253470	0.36	cps
Molybdenum	94-1	256897	269551	266040	264163	2.47	cps
Molybdenum	95-1	17851	17974	18559	18128	2.08	cps
Molybdenum	96-1	71236	72629	72411	72092	1.04	cps
Molybdenum	97-1	10727	11515	11395	11212	3.78	cps
Molybdenum	98-1	27887	28778	27917	28194	1.80	cps
Neodymium	150-1	456108	474514	473255	467959	2.20	cps
Neodymium	150-2	249017	247928	248032	248326	0.24	cps
Nickel	60-2	479712	479691	479010	479471	0.08	cps
Phosphorus	31-2	70397	72112	70555	71021	1.33	cps
Potassium	39-2	12692052	12599044	12744205	12678434	0.58	cps
Rhodium	103-1	29074978	28553941	28605210	28744710	1.00	cps
Rhodium	103-2	16363923	16253337	16352308	16323189	0.37	cps
Scandium	45-1	16118440	15718859	15804330	15880543	1.32	cps
Scandium	45-2	1380532	1399676	1433443	1404551	1.91	cps
Selenium	82-1	2009	1899	1984	1964	2.94	cps
Selenium	77-2	957	910	880	916	4.22	cps
Selenium	78-2	1340	1173	1177	1230	7.75	cps
Silicon	28-1	76204112	79203359	77440542	77616004	1.94	cps
Silver	107-1	13790	14991	14597	14460	4.24	cps
Silver	109-1	14060	14724	13923	14236	3.01	cps
Sodium	23-2	384036	384919	386184	385046	0.28	cps
Strontium	86-1	892654	928360	918288	913101	2.02	cps
Strontium	88-1	7827718	7987248	8108666	7974544	1.77	cps
Sulfur	34-1	228973	230515	225919	228469	1.02	cps
Terbium	159-1	38226010	37610893	37053501	37630135	1.56	cps
Terbium	159-2	21989125	21767725	22068984	21941944	0.71	cps
Thallium	203-1	11999	12226	11905	12043	1.37	cps
Thallium	205-1	27869	29636	29546	29017	3.43	cps
Tin	118-1	66101	68277	68934	67771	2.19	cps
Titanium	47-1	3265441	3383998	3321560	3323666	1.78	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-09	Instrumnet Name :	P7
Client Sample ID :	MYE4P2D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:33:24	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	108239	111881	114235	111452	2.71	cps
Vanadium	51-2	1757772	1774569	1769042	1767128	0.48	cps
Yttrium	89-1	43773951	42438766	42344529	42852415	1.87	cps
Yttrium	89-2	10321627	10346439	10389770	10352612	0.33	cps
Zinc	66-2	561311	563010	556421	560247	0.61	cps
Zirconium	90-1	672152	695388	696249	687930	1.99	cps
Zirconium	91-1	149739	154352	155046	153046	1.88	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4P2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 04:36:24	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5178435	5169120	5139760	5162439	0.39	cps
Antimony	121-1	8936	9130	8836	8967	1.66	cps
Arsenic	75-2	34921	33357	34540	34273	2.38	cps
Barium	135-1	800368	796393	796355	797705	0.29	cps
Barium	137-1	1382845	1396388	1381634	1386955	0.59	cps
Beryllium	9-1	850	878	789	839	5.42	cps
Bismuth	209-1	20410828	20675514	20499382	20528575	0.66	cps
Bismuth	209-2	14669276	14521469	14717143	14635962	0.70	cps
Bromine	81-1	21910	22160	22057	22042	0.57	cps
Bromine	81-2	830	810	773	804	3.57	cps
Cadmium	108-1	303	220	243	256	16.82	cps
Cadmium	106-1	10150	10024	9883	10019	1.33	cps
Cadmium	111-1	3581	3720	3610	3637	2.01	cps
Calcium	43-1	192626	193848	193014	193163	0.32	cps
Calcium	44-1	3034227	3055395	3036221	3041948	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	227037	223032	223648	224573	0.96	cps
Cobalt	59-2	242146	238210	239974	240110	0.82	cps
Copper	63-2	601604	598839	597950	599464	0.32	cps
Dysprosium	156-1	49474	50340	49939	49917	0.87	cps
Dysprosium	156-2	37560	37370	37537	37489	0.28	cps
Erbium	164-1	38941	39262	39128	39110	0.41	cps
Erbium	164-2	24254	24041	23410	23902	1.84	cps
Gadolinium	160-1	46661	46825	46865	46783	0.23	cps
Gadolinium	160-2	31636	31098	30650	31128	1.59	cps
Holmium	165-1	35659722	36430914	35908058	35999565	1.09	cps
Holmium	165-2	21999941	21753895	21762568	21838801	0.64	cps
Indium	115-1	29882556	30028416	29955290	29955421	0.24	cps
Indium	115-2	9740828	9678893	9575627	9665116	0.86	cps
Iron	56-2	198856464	197763870	199132584	198584306	0.36	cps
Iron	57-2	4884170	4822252	4857274	4854565	0.64	cps
Iron	54-2	10899795	10812655	10766377	10826276	0.63	cps
Krypton	83-1	470	417	457	448	6.20	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4P2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 04:36:24	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	248721	249505	249583	249269	0.19	cps
Lead	207-1	214890	215192	215390	215157	0.12	cps
Lead	208-1	986189	989150	986570	987303	0.16	cps
Lithium	6-1	2742308	2754710	2675611	2724210	1.56	cps
Magnesium	24-2	4094905	4107592	4099524	4100674	0.16	cps
Manganese	55-2	4398811	4342985	4352798	4364865	0.68	cps
Molybdenum	94-1	53721	54203	53420	53782	0.73	cps
Molybdenum	95-1	3691	3687	3877	3752	2.90	cps
Molybdenum	96-1	14447	14617	14994	14686	1.91	cps
Molybdenum	97-1	2434	2494	2314	2414	3.80	cps
Molybdenum	98-1	5811	5905	6068	5928	2.19	cps
Neodymium	150-1	96397	96803	96135	96445	0.35	cps
Neodymium	150-2	51263	49550	50253	50355	1.71	cps
Nickel	60-2	100722	99296	99678	99899	0.74	cps
Phosphorus	31-2	14981	14791	14914	14895	0.65	cps
Potassium	39-2	2654441	2621941	2657924	2644769	0.75	cps
Rhodium	103-1	28551259	29093295	28639879	28761477	1.01	cps
Rhodium	103-2	16619273	16421646	16507108	16516009	0.60	cps
Scandium	45-1	15003991	15183174	15190027	15125730	0.70	cps
Scandium	45-2	1331734	1329432	1332741	1331302	0.13	cps
Selenium	82-1	1472	1501	1458	1477	1.47	cps
Selenium	77-2	160	227	160	182	21.12	cps
Selenium	78-2	667	750	657	691	7.41	cps
Silicon	28-1	16755258	16899803	16923307	16859456	0.54	cps
Silver	107-1	3114	3157	3327	3199	3.53	cps
Silver	109-1	2950	3084	3054	3029	2.31	cps
Sodium	23-2	124888	125116	124663	124889	0.18	cps
Strontium	86-1	189061	190522	189663	189748	0.39	cps
Strontium	88-1	1639010	1659139	1630237	1642795	0.90	cps
Sulfur	34-1	184751	185295	184351	184799	0.26	cps
Terbium	159-1	36617719	36956140	36390728	36654863	0.78	cps
Terbium	159-2	22050601	21882396	22220213	22051070	0.77	cps
Thallium	203-1	2784	2607	2580	2657	4.16	cps
Thallium	205-1	6282	6438	5988	6236	3.66	cps
Tin	118-1	17310	17414	17514	17413	0.58	cps
Titanium	47-1	684361	693214	687608	688394	0.65	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4P2L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 04:36:24	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22496	22369	22740	22535	0.84	cps
Vanadium	51-2	352251	352825	349601	351559	0.49	cps
Yttrium	89-1	39634481	40182051	39940305	39918946	0.69	cps
Yttrium	89-2	9873926	9908959	9716660	9833182	1.04	cps
Zinc	66-2	120511	119581	118210	119434	0.97	cps
Zirconium	90-1	139215	140780	139691	139895	0.57	cps
Zirconium	91-1	31574	31544	31257	31458	0.56	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-10	Instrumnet Name :	P7
Client Sample ID :	MYE4P2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:39:34	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25924887	25628189	25517614	25690230	0.82	cps
Antimony	121-1	1872641	1902441	1863049	1879377	1.09	cps
Arsenic	75-2	201907	201228	200481	201205	0.35	cps
Barium	135-1	12396966	12638905	12705824	12580565	1.29	cps
Barium	137-1	21597619	21772822	21818977	21729806	0.54	cps
Beryllium	9-1	75170	72502	74449	74040	1.86	cps
Bismuth	209-1	20139814	20565023	20600009	20434949	1.25	cps
Bismuth	209-2	14191828	14146208	14031637	14123224	0.58	cps
Bromine	81-1	31654	32352	33187	32398	2.37	cps
Bromine	81-2	3047	2940	2940	2976	2.07	cps
Cadmium	108-1	16556	16973	17411	16980	2.52	cps
Cadmium	106-1	34053	34584	34581	34406	0.89	cps
Cadmium	111-1	241754	243609	242175	242512	0.40	cps
Calcium	43-1	910633	914953	913694	913093	0.24	cps
Calcium	44-1	14170437	14398358	14504444	14357746	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2551748	2548509	2541138	2547131	0.21	cps
Cobalt	59-2	7796687	7735530	7675038	7735752	0.79	cps
Copper	63-2	4822789	4803204	4806933	4810975	0.22	cps
Dysprosium	156-1	241169	243666	246848	243894	1.17	cps
Dysprosium	156-2	185029	179579	183748	182785	1.56	cps
Erbium	164-1	189164	192527	192242	191311	0.97	cps
Erbium	164-2	117899	116709	116854	117154	0.55	cps
Gadolinium	160-1	224803	229884	229141	227943	1.20	cps
Gadolinium	160-2	149710	149064	150107	149627	0.35	cps
Holmium	165-1	35501595	36245165	36461629	36069463	1.40	cps
Holmium	165-2	22079262	21472106	21863526	21804965	1.41	cps
Indium	115-1	29538995	29937280	29926247	29800841	0.76	cps
Indium	115-2	9574934	9439047	9467693	9493891	0.75	cps
Iron	56-2	961033772	956766252	957310039	958370021	0.24	cps
Iron	57-2	23836595	23812459	23542397	23730484	0.69	cps
Iron	54-2	53036611	52707309	52538211	52760710	0.48	cps
Krypton	83-1	607	680	673	653	6.21	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-10	Instrumnet Name :	P7
Client Sample ID :	MYE4P2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:39:34	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1441635	1472112	1485368	1466372	1.53	cps
Lead	207-1	1238786	1262505	1266967	1256086	1.21	cps
Lead	208-1	5699070	5770979	5802463	5757504	0.92	cps
Lithium	6-1	2669323	2687006	2615818	2657382	1.39	cps
Magnesium	24-2	20267201	20153715	20123928	20181614	0.37	cps
Manganese	55-2	23569675	23453877	23247491	23423681	0.70	cps
Molybdenum	94-1	249637	253064	255183	252628	1.11	cps
Molybdenum	95-1	18095	18218	18622	18312	1.51	cps
Molybdenum	96-1	69236	70559	70104	69966	0.96	cps
Molybdenum	97-1	11351	11121	11278	11250	1.05	cps
Molybdenum	98-1	28354	28992	28561	28636	1.14	cps
Neodymium	150-1	462344	472296	468973	467871	1.08	cps
Neodymium	150-2	245914	243921	242831	244222	0.64	cps
Nickel	60-2	2032609	2017095	1989779	2013161	1.08	cps
Phosphorus	31-2	71395	69946	69169	70170	1.61	cps
Potassium	39-2	12459459	12231669	12336447	12342525	0.92	cps
Rhodium	103-1	27536455	27924289	27921060	27793935	0.80	cps
Rhodium	103-2	16314621	16226335	16035200	16192052	0.88	cps
Scandium	45-1	15464673	15821974	15604757	15630468	1.15	cps
Scandium	45-2	1395080	1394748	1397883	1395904	0.12	cps
Selenium	82-1	21186	20969	21229	21128	0.66	cps
Selenium	77-2	2717	2564	2624	2635	2.93	cps
Selenium	78-2	7239	7198	7032	7156	1.53	cps
Silicon	28-1	73333971	72509507	72705379	72849619	0.59	cps
Silver	107-1	999933	1007794	1009325	1005684	0.50	cps
Silver	109-1	955546	965334	970474	963784	0.79	cps
Sodium	23-2	376739	376751	374162	375884	0.40	cps
Strontium	86-1	895454	905514	905934	902301	0.66	cps
Strontium	88-1	7765198	7770348	7794873	7776806	0.20	cps
Sulfur	34-1	232543	232551	229748	231614	0.70	cps
Terbium	159-1	36549524	37287856	37331341	37056240	1.19	cps
Terbium	159-2	22023862	21777621	21679905	21827129	0.81	cps
Thallium	203-1	812440	836157	838000	828866	1.72	cps
Thallium	205-1	1907172	1933530	1938797	1926500	0.88	cps
Tin	118-1	68130	68153	68629	68304	0.41	cps
Titanium	47-1	3256656	3233846	3243254	3244585	0.35	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-10	Instrumnet Name :	P7
Client Sample ID :	MYE4P2S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:39:34	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	107774	110210	112470	110151	2.13	cps
Vanadium	51-2	4799893	4753241	4769973	4774369	0.50	cps
Yttrium	89-1	40976936	41767713	41229305	41324651	0.98	cps
Yttrium	89-2	10206568	10161526	10133584	10167226	0.36	cps
Zinc	66-2	1210648	1198390	1204037	1204358	0.51	cps
Zirconium	90-1	653547	659533	664250	659110	0.81	cps
Zirconium	91-1	145348	148253	147815	147139	1.06	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08MS	Instrumnet Name :	P7
Client Sample ID :	MYE4P2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:42:29	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27441727	27098242	27320065	27286678	0.64	cps
Antimony	121-1	7325637	7655748	7599478	7526954	2.35	cps
Arsenic	75-2	309034	306769	309086	308297	0.43	cps
Barium	135-1	39510867	40336658	40481085	40109537	1.31	cps
Barium	137-1	68221989	69781219	70197977	69400395	1.50	cps
Beryllium	9-1	286993	289102	289465	288520	0.46	cps
Bismuth	209-1	19959457	20417488	20657533	20344826	1.74	cps
Bismuth	209-2	14111181	13768469	14068683	13982778	1.34	cps
Bromine	81-1	30325	31437	32142	31301	2.93	cps
Bromine	81-2	2877	3004	2910	2930	2.24	cps
Cadmium	108-1	65169	65801	66863	65944	1.30	cps
Cadmium	106-1	100306	101991	101538	101279	0.86	cps
Cadmium	111-1	930160	949940	954944	945015	1.39	cps
Calcium	43-1	878493	901748	886174	888805	1.33	cps
Calcium	44-1	14006132	14581498	14471989	14353206	2.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7032458	6984991	6949588	6989013	0.59	cps
Cobalt	59-2	28446915	28458255	28377784	28427651	0.15	cps
Copper	63-2	11339923	11299795	11267473	11302397	0.32	cps
Dysprosium	156-1	232972	239407	239072	237151	1.53	cps
Dysprosium	156-2	180801	181166	178738	180235	0.73	cps
Erbium	164-1	183012	191085	187666	187255	2.16	cps
Erbium	164-2	112837	113291	112358	112829	0.41	cps
Gadolinium	160-1	218465	225066	225226	222919	1.73	cps
Gadolinium	160-2	146346	144434	144476	145085	0.75	cps
Holmium	165-1	35199274	36242631	35652918	35698274	1.47	cps
Holmium	165-2	21594566	21517075	21176133	21429258	1.04	cps
Indium	115-1	28966127	29447605	29234455	29216062	0.83	cps
Indium	115-2	9402785	9172615	9175751	9250384	1.43	cps
Iron	56-2	952434412	955816066	949716866	952655781	0.32	cps
Iron	57-2	23818915	23621535	23442267	23627572	0.80	cps
Iron	54-2	52754649	52760778	52580261	52698563	0.19	cps
Krypton	83-1	750	683	617	683	9.76	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08MS	Instrumnet Name :	P7
Client Sample ID :	MYE4P2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:42:29	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2185790	2242316	2256058	2228054	1.67	cps
Lead	207-1	1914935	1927635	1957210	1933260	1.12	cps
Lead	208-1	8758157	8922219	9016192	8898856	1.47	cps
Lithium	6-1	2559098	2622657	2655654	2612470	1.88	cps
Magnesium	24-2	19770507	19480851	19669852	19640403	0.75	cps
Manganese	55-2	30828280	30851697	30743557	30807845	0.18	cps
Molybdenum	94-1	241405	251907	248816	247376	2.18	cps
Molybdenum	95-1	18258	18325	17484	18022	2.59	cps
Molybdenum	96-1	66862	68801	69501	68388	2.00	cps
Molybdenum	97-1	11211	10991	11341	11181	1.58	cps
Molybdenum	98-1	28808	28802	29477	29029	1.34	cps
Neodymium	150-1	447377	461473	463245	457365	1.90	cps
Neodymium	150-2	242227	237581	236044	238617	1.35	cps
Nickel	60-2	6825628	6764183	6803248	6797686	0.46	cps
Phosphorus	31-2	69483	68335	67963	68594	1.16	cps
Potassium	39-2	12007417	12007390	11973283	11996030	0.16	cps
Rhodium	103-1	26962436	27422449	27719169	27368018	1.39	cps
Rhodium	103-2	16145453	15874207	15750479	15923380	1.27	cps
Scandium	45-1	15039068	15413522	15420150	15290913	1.43	cps
Scandium	45-2	1355995	1384928	1337573	1359499	1.76	cps
Selenium	82-1	127051	130309	128630	128663	1.27	cps
Selenium	77-2	12782	12405	12682	12623	1.55	cps
Selenium	78-2	41100	40148	41157	40802	1.39	cps
Silicon	28-1	70066312	70454617	70429091	70316673	0.31	cps
Silver	107-1	4009206	4084730	4070119	4054685	0.99	cps
Silver	109-1	3875792	3934115	3939400	3916436	0.90	cps
Sodium	23-2	390646	392768	390631	391348	0.31	cps
Strontium	86-1	862789	892959	878012	877920	1.72	cps
Strontium	88-1	7532763	7853065	7782526	7722785	2.18	cps
Sulfur	34-1	225330	224269	220984	223528	1.01	cps
Terbium	159-1	35813559	36775375	36999424	36529453	1.72	cps
Terbium	159-2	21901530	21671099	21477545	21683391	0.98	cps
Thallium	203-1	3211302	3300258	3298280	3269947	1.55	cps
Thallium	205-1	7733694	7952108	7924762	7870188	1.51	cps
Tin	118-1	71573	73724	73700	72999	1.69	cps
Titanium	47-1	3164550	3219239	3239471	3207753	1.21	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08MS	Instrumnet Name :	P7
Client Sample ID :	MYE4P2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:42:29	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	105688	108732	110207	108209	2.13	cps
Vanadium	51-2	14397158	14503429	14229524	14376703	0.96	cps
Yttrium	89-1	40385988	41543819	41393155	41107654	1.53	cps
Yttrium	89-2	10154890	10083227	10006999	10081705	0.73	cps
Zinc	66-2	3225974	3232373	3249319	3235889	0.37	cps
Zirconium	90-1	632865	651465	650746	645025	1.63	cps
Zirconium	91-1	142006	144715	145769	144163	1.35	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:45:20	DataFile Name :	109CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25349582	25529923	25709337	25529614	0.70	cps
Antimony	121-1	12595435	12811477	12791840	12732917	0.94	cps
Arsenic	75-2	695376	697842	695804	696341	0.19	cps
Barium	135-1	15364718	15587568	15632544	15528277	0.92	cps
Barium	137-1	26533327	26755329	26893055	26727237	0.68	cps
Beryllium	9-1	1021092	999754	1035977	1018941	1.79	cps
Bismuth	209-1	18177346	18841790	18850802	18623313	2.07	cps
Bismuth	209-2	12963898	12979175	12806685	12916586	0.74	cps
Bromine	81-1	18065	18048	18415	18176	1.14	cps
Bromine	81-2	183	220	167	190	14.36	cps
Cadmium	108-1	247192	251664	252608	250488	1.16	cps
Cadmium	106-1	357212	366850	363471	362511	1.35	cps
Cadmium	111-1	3258684	3290278	3295681	3281548	0.61	cps
Calcium	43-1	14909320	15201390	15172739	15094483	1.07	cps
Calcium	44-1	261427777	263979013	266438687	263948492	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5138899	5156865	5103708	5133157	0.53	cps
Cobalt	59-2	9879269	9867270	9828995	9858512	0.27	cps
Copper	63-2	63614611	63854952	63506732	63658765	0.28	cps
Dysprosium	156-1	660	660	663	661	0.29	cps
Dysprosium	156-2	843	970	1013	942	9.38	cps
Erbium	164-1	747	693	647	696	7.19	cps
Erbium	164-2	363	480	430	424	13.79	cps
Gadolinium	160-1	657	733	713	701	5.67	cps
Gadolinium	160-2	1333	1223	1197	1251	5.79	cps
Holmium	165-1	34169894	34968254	34244811	34460986	1.28	cps
Holmium	165-2	21307439	21500871	21074947	21294419	1.00	cps
Indium	115-1	27212621	28153906	27852626	27739718	1.73	cps
Indium	115-2	9190477	9359127	9128138	9225914	1.30	cps
Iron	56-2	1117254117	1133396916	1136371796	1129007610	0.91	cps
Iron	57-2	28293006	28228377	28342750	28288045	0.20	cps
Iron	54-2	61796801	61820074	62084007	61900294	0.26	cps
Krypton	83-1	433	467	517	472	8.88	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:45:20	DataFile Name :	109CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	42395559	43076163	42465797	42645840	0.88	cps
Lead	207-1	36762016	37257058	37247610	37088895	0.76	cps
Lead	208-1	170326177	172620699	172482279	171809719	0.75	cps
Lithium	6-1	2576436	2724884	2656964	2652761	2.80	cps
Magnesium	24-2	225046490	223940130	224316390	224434337	0.25	cps
Manganese	55-2	37853771	38098537	38157091	38036466	0.42	cps
Molybdenum	94-1	45471281	46335203	46225911	46010798	1.02	cps
Molybdenum	95-1	65639402	66595142	66731311	66321952	0.90	cps
Molybdenum	96-1	71977596	72710759	73517192	72735182	1.06	cps
Molybdenum	97-1	40591256	41412460	41692519	41232078	1.39	cps
Molybdenum	98-1	105636098	107117488	107390565	106714717	0.88	cps
Neodymium	150-1	873	917	960	917	4.73	cps
Neodymium	150-2	307	260	257	274	10.19	cps
Nickel	60-2	2225724	2247737	2266730	2246730	0.91	cps
Phosphorus	31-2	257328	261357	261021	259902	0.86	cps
Potassium	39-2	130575295	131692571	132166221	131478029	0.62	cps
Rhodium	103-1	24945393	25978074	25894349	25605939	2.24	cps
Rhodium	103-2	15137879	15305469	15018643	15153997	0.95	cps
Scandium	45-1	14243241	14858175	14831675	14644364	2.37	cps
Scandium	45-2	1334771	1351415	1333804	1339996	0.74	cps
Selenium	82-1	198031	201757	200936	200241	0.98	cps
Selenium	77-2	19176	19783	19209	19389	1.76	cps
Selenium	78-2	65387	65795	65544	65575	0.31	cps
Silicon	28-1	7281738	7415192	7487864	7394931	1.41	cps
Silver	107-1	16701968	17009296	16946541	16885935	0.96	cps
Silver	109-1	15941310	16145033	16145181	16077175	0.73	cps
Sodium	23-2	357653381	356342621	355052755	356349586	0.36	cps
Strontium	86-1	4308608	4324159	4276300	4303022	0.57	cps
Strontium	88-1	37232653	37592772	37480969	37435464	0.49	cps
Sulfur	34-1	1049297	1063995	1063313	1058869	0.78	cps
Terbium	159-1	34600230	35634221	35405514	35213322	1.54	cps
Terbium	159-2	21495721	21440517	21342727	21426322	0.36	cps
Thallium	203-1	10553305	10709415	10569630	10610783	0.81	cps
Thallium	205-1	25628635	25730225	25619541	25659467	0.24	cps
Tin	118-1	10381303	10653888	10567883	10534358	1.32	cps
Titanium	47-1	14611996	14815209	14964595	14797267	1.20	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:45:20	DataFile Name :	109CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34306002	34198871	34424254	34309709	0.33	cps
Vanadium	51-2	4505446	4579776	4538398	4541207	0.82	cps
Yttrium	89-1	37242294	38534035	38462335	38079555	1.91	cps
Yttrium	89-2	9776407	9916620	9681220	9791416	1.21	cps
Zinc	66-2	9484720	9590232	9519025	9531326	0.56	cps
Zirconium	90-1	21864033	22411411	22590136	22288527	1.70	cps
Zirconium	91-1	4865640	4970792	4910542	4915658	1.07	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:48:00	DataFile Name :	110CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	843	683	567	698	19.91	cps
Antimony	121-1	5058	6295	8232	6528	24.51	cps
Arsenic	75-2	43	43	50	46	8.45	cps
Barium	135-1	1360	763	580	901	45.26	cps
Barium	137-1	2247	1350	923	1507	44.83	cps
Beryllium	9-1	183	128	139	150	19.60	cps
Bismuth	209-1	20244123	19811921	20081790	20045945	1.09	cps
Bismuth	209-2	14302693	14171057	14424901	14299550	0.89	cps
Bromine	81-1	17601	18488	18729	18273	3.25	cps
Bromine	81-2	177	207	180	188	8.76	cps
Cadmium	108-1	43	37	43	41	9.35	cps
Cadmium	106-1	10641	10130	10047	10273	3.13	cps
Cadmium	111-1	1384	1284	1162	1277	8.72	cps
Calcium	43-1	1713	1250	900	1288	31.68	cps
Calcium	44-1	66366	57730	53148	59081	11.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2210	2110	2257	2192	3.42	cps
Cobalt	59-2	577	503	533	538	6.86	cps
Copper	63-2	4477	4071	4184	4244	4.95	cps
Dysprosium	156-1	27	13	10	17	52.93	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	170	140	143	151	10.88	cps
Erbium	164-2	80	73	77	77	4.35	cps
Gadolinium	160-1	147	150	117	138	13.32	cps
Gadolinium	160-2	1047	1133	1093	1091	3.98	cps
Holmium	165-1	34186648	34128490	34242084	34185741	0.17	cps
Holmium	165-2	21429615	21406833	21465529	21433992	0.14	cps
Indium	115-1	29823205	29920760	29915349	29886438	0.18	cps
Indium	115-2	9887266	9869120	9946583	9900989	0.41	cps
Iron	56-2	55455	52712	49919	52695	5.25	cps
Iron	57-2	2440	2364	2247	2350	4.14	cps
Iron	54-2	6041	6061	5644	5916	3.97	cps
Krypton	83-1	467	467	397	443	9.12	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:48:00	DataFile Name :	110CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4231	2810	2260	3100	32.79	cps
Lead	207-1	3667	2450	1920	2679	33.43	cps
Lead	208-1	16457	11375	9121	12318	30.51	cps
Lithium	6-1	2911178	2903689	2874967	2896611	0.66	cps
Magnesium	24-2	6888	6125	6498	6504	5.87	cps
Manganese	55-2	1543	1317	1243	1368	11.43	cps
Molybdenum	94-1	5771	4561	4331	4888	15.83	cps
Molybdenum	95-1	5508	3777	3234	4173	28.46	cps
Molybdenum	96-1	6348	4477	4021	4949	24.92	cps
Molybdenum	97-1	3510	2377	2037	2641	29.21	cps
Molybdenum	98-1	8743	5935	4794	6491	31.31	cps
Neodymium	150-1	23	3	17	14	70.51	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	280	293	260	278	6.04	cps
Phosphorus	31-2	310	260	303	291	9.33	cps
Potassium	39-2	98432	98338	98603	98458	0.14	cps
Rhodium	103-1	28480622	28648196	28763570	28630796	0.50	cps
Rhodium	103-2	16885483	16651134	16735334	16757317	0.71	cps
Scandium	45-1	15520169	15478673	15323622	15440821	0.67	cps
Scandium	45-2	1366255	1358208	1347834	1357432	0.68	cps
Selenium	82-1	1431	1395	1478	1435	2.88	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	607	563	537	569	6.21	cps
Silicon	28-1	1275136	1290657	1296389	1287394	0.85	cps
Silver	107-1	2094	10279	980	4451	114.09	cps
Silver	109-1	1940	1187	917	1348	39.35	cps
Sodium	23-2	61191	60251	60575	60672	0.79	cps
Strontium	86-1	1070	947	887	968	9.66	cps
Strontium	88-1	3030	1797	1243	2024	45.21	cps
Sulfur	34-1	255338	255498	258216	256351	0.63	cps
Terbium	159-1	35271224	35260128	35766278	35432543	0.82	cps
Terbium	159-2	21768682	21551902	21608121	21642902	0.52	cps
Thallium	203-1	2570	2100	1870	2180	16.37	cps
Thallium	205-1	6038	4868	4437	5114	16.20	cps
Tin	118-1	5468	4711	4511	4897	10.31	cps
Titanium	47-1	1443	797	597	946	46.80	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:48:00	DataFile Name :	110CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2460	1410	763	1545	55.45	cps
Vanadium	51-2	153	143	130	142	8.23	cps
Yttrium	89-1	39386723	39550559	39406094	39447792	0.23	cps
Yttrium	89-2	10054992	9890195	9971004	9972064	0.83	cps
Zinc	66-2	1173	1150	1067	1130	4.96	cps
Zirconium	90-1	6768	6742	7399	6970	5.34	cps
Zirconium	91-1	1407	1460	1667	1511	9.09	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-11	Instrumnet Name :	P7
Client Sample ID :	MYE4P3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:51:16	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20917684	21024218	20576035	20839312	1.12	cps
Antimony	121-1	50559	51535	51468	51187	1.07	cps
Arsenic	75-2	212066	209798	206459	209441	1.35	cps
Barium	135-1	3487889	3512542	3471288	3490573	0.59	cps
Barium	137-1	5960598	6002607	6010769	5991325	0.45	cps
Beryllium	9-1	3111	3211	2889	3071	5.37	cps
Bismuth	209-1	20404126	20745298	20689750	20613058	0.89	cps
Bismuth	209-2	14183836	14194366	14113991	14164064	0.31	cps
Bromine	81-1	27409	28160	29172	28247	3.13	cps
Bromine	81-2	2057	2100	2084	2080	1.05	cps
Cadmium	108-1	1050	980	1017	1016	3.45	cps
Cadmium	106-1	13430	12392	12469	12764	4.53	cps
Cadmium	111-1	11126	10930	11436	11164	2.28	cps
Calcium	43-1	643597	636334	635169	638367	0.72	cps
Calcium	44-1	9963476	9984265	9828926	9925555	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	833597	831354	834654	833202	0.20	cps
Cobalt	59-2	1164655	1158527	1163579	1162254	0.28	cps
Copper	63-2	2141350	2123600	2109788	2124913	0.74	cps
Dysprosium	156-1	183676	184803	187859	185446	1.17	cps
Dysprosium	156-2	138168	139484	139053	138902	0.48	cps
Erbium	164-1	141704	144427	144724	143618	1.16	cps
Erbium	164-2	88219	87029	88263	87837	0.80	cps
Gadolinium	160-1	166588	170120	169472	168726	1.11	cps
Gadolinium	160-2	111016	110411	110717	110715	0.27	cps
Holmium	165-1	36120340	36714326	36587768	36474145	0.86	cps
Holmium	165-2	22022054	22081416	22162491	22088654	0.32	cps
Indium	115-1	31208621	31114656	31131517	31151598	0.16	cps
Indium	115-2	10034204	10000981	9994085	10009757	0.21	cps
Iron	56-2	948375533	952972492	948778759	950042261	0.27	cps
Iron	57-2	23560461	23349157	23384640	23431419	0.48	cps
Iron	54-2	51645668	52088368	52044053	51926029	0.47	cps
Krypton	83-1	687	703	733	708	3.34	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-11	Instrumnet Name :	P7
Client Sample ID :	MYE4P3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:51:16	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	761529	770932	776774	769745	1.00	cps
Lead	207-1	648359	650967	657442	652256	0.72	cps
Lead	208-1	3003077	3013670	3053245	3023331	0.87	cps
Lithium	6-1	2855995	2746085	2658457	2753513	3.59	cps
Magnesium	24-2	16420428	16449356	16397681	16422488	0.16	cps
Manganese	55-2	25708890	25470141	25446245	25541759	0.57	cps
Molybdenum	94-1	196260	200121	197693	198025	0.99	cps
Molybdenum	95-1	16920	16686	17394	17000	2.12	cps
Molybdenum	96-1	59490	59477	59336	59435	0.14	cps
Molybdenum	97-1	10491	10200	10224	10305	1.56	cps
Molybdenum	98-1	26277	26304	26594	26392	0.67	cps
Neodymium	150-1	335310	340601	343026	339646	1.16	cps
Neodymium	150-2	179511	179592	178968	179357	0.19	cps
Nickel	60-2	367782	363764	363475	365007	0.66	cps
Phosphorus	31-2	46557	46350	46771	46559	0.45	cps
Potassium	39-2	6056185	6012603	6052190	6040326	0.40	cps
Rhodium	103-1	29558376	29648489	29848518	29685128	0.50	cps
Rhodium	103-2	17304581	17077917	17314038	17232178	0.78	cps
Scandium	45-1	17021825	16612251	16581084	16738387	1.47	cps
Scandium	45-2	1506007	1471523	1516305	1497945	1.57	cps
Selenium	82-1	1877	1824	1797	1832	2.22	cps
Selenium	77-2	667	707	677	683	3.05	cps
Selenium	78-2	1163	1160	1080	1135	4.16	cps
Silicon	28-1	79269735	78427959	79845499	79181064	0.90	cps
Silver	107-1	15215	15308	15021	15181	0.96	cps
Silver	109-1	14721	14100	13777	14199	3.38	cps
Sodium	23-2	493174	485906	491106	490062	0.76	cps
Strontium	86-1	592419	598958	599062	596813	0.64	cps
Strontium	88-1	5171867	5206406	5128185	5168819	0.76	cps
Sulfur	34-1	245869	220174	207313	224452	8.75	cps
Terbium	159-1	37675337	37323079	37802853	37600423	0.66	cps
Terbium	159-2	22459771	22644386	22422686	22508947	0.53	cps
Thallium	203-1	10998	10744	10177	10640	3.95	cps
Thallium	205-1	26770	24736	24589	25365	4.81	cps
Tin	118-1	50910	52315	52121	51782	1.47	cps
Titanium	47-1	3470962	3470069	3491987	3477673	0.36	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-11	Instrumnet Name :	P7
Client Sample ID :	MYE4P3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:51:16	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	72951	74644	74886	74160	1.42	cps
Vanadium	51-2	1752745	1792846	1780658	1775416	1.16	cps
Yttrium	89-1	44854663	44273409	43716733	44281602	1.28	cps
Yttrium	89-2	10936816	10777627	11012865	10909103	1.10	cps
Zinc	66-2	515176	513792	512466	513811	0.26	cps
Zirconium	90-1	508744	514141	508048	510311	0.65	cps
Zirconium	91-1	112598	114052	115188	113946	1.14	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-12	Instrumnet Name :	P7
Client Sample ID :	MYE4P4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:54:16	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23601845	23960815	23682138	23748266	0.79	cps
Antimony	121-1	50080	50732	50411	50408	0.65	cps
Arsenic	75-2	210220	209078	207628	208975	0.62	cps
Barium	135-1	3282395	3289010	3274841	3282082	0.22	cps
Barium	137-1	5614540	5644186	5645954	5634893	0.31	cps
Beryllium	9-1	3545	3173	3111	3276	7.16	cps
Bismuth	209-1	20772852	20607729	20989609	20790063	0.92	cps
Bismuth	209-2	14218821	14099360	13984665	14100948	0.83	cps
Bromine	81-1	30328	31410	32275	31338	3.11	cps
Bromine	81-2	2597	2604	2677	2626	1.69	cps
Cadmium	108-1	1083	1157	1083	1108	3.82	cps
Cadmium	106-1	12916	12636	12475	12676	1.76	cps
Cadmium	111-1	12587	13026	13071	12895	2.08	cps
Calcium	43-1	834379	830551	833480	832803	0.24	cps
Calcium	44-1	13002741	12989041	13002479	12998087	0.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1029007	1030932	1018168	1026036	0.67	cps
Cobalt	59-2	1362343	1361720	1367568	1363877	0.24	cps
Copper	63-2	2287632	2287388	2242904	2272641	1.13	cps
Dysprosium	156-1	226979	226888	226110	226659	0.21	cps
Dysprosium	156-2	167873	165739	168117	167243	0.78	cps
Erbium	164-1	174745	179849	177173	177256	1.44	cps
Erbium	164-2	107275	105807	107427	106836	0.84	cps
Gadolinium	160-1	204498	211066	208915	208160	1.61	cps
Gadolinium	160-2	135710	134169	135431	135103	0.61	cps
Holmium	165-1	37303734	37612156	36612568	37176153	1.38	cps
Holmium	165-2	22251306	21693313	22125718	22023446	1.33	cps
Indium	115-1	31834659	31544041	31462321	31613674	0.62	cps
Indium	115-2	9961821	9960809	9956794	9959808	0.03	cps
Iron	56-2	1111219023	1094220544	1103614917	1103018161	0.77	cps
Iron	57-2	27200826	26785539	27231465	27072610	0.92	cps
Iron	54-2	60773061	60098807	60297641	60389836	0.57	cps
Krypton	83-1	717	647	723	696	6.11	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-12	Instrumnet Name :	P7
Client Sample ID :	MYE4P4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:54:16	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	898332	911437	913065	907611	0.89	cps
Lead	207-1	766056	771857	773869	770594	0.53	cps
Lead	208-1	3527395	3515321	3560611	3534442	0.66	cps
Lithium	6-1	2696627	2564823	2524089	2595180	3.48	cps
Magnesium	24-2	18905625	18834223	18978380	18906076	0.38	cps
Manganese	55-2	27368677	26692376	27169624	27076892	1.28	cps
Molybdenum	94-1	221898	227926	227002	225609	1.44	cps
Molybdenum	95-1	17357	17294	17861	17504	1.78	cps
Molybdenum	96-1	65013	66510	67662	66395	2.00	cps
Molybdenum	97-1	10727	10931	11011	10890	1.34	cps
Molybdenum	98-1	26497	27239	26431	26722	1.68	cps
Neodymium	150-1	412903	419821	415939	416221	0.83	cps
Neodymium	150-2	216884	217571	219646	218034	0.66	cps
Nickel	60-2	458563	459527	455428	457839	0.47	cps
Phosphorus	31-2	56956	57434	56624	57005	0.71	cps
Potassium	39-2	7544081	7539883	7567835	7550600	0.20	cps
Rhodium	103-1	29883450	29694213	29599625	29725762	0.49	cps
Rhodium	103-2	17140324	17099655	16995420	17078466	0.44	cps
Scandium	45-1	17018335	16819378	16670536	16836083	1.04	cps
Scandium	45-2	1516895	1533455	1529270	1526540	0.56	cps
Selenium	82-1	1914	2065	2023	2001	3.87	cps
Selenium	77-2	897	887	920	901	1.90	cps
Selenium	78-2	1353	1190	1217	1253	6.99	cps
Silicon	28-1	82790200	81829099	81192054	81937118	0.98	cps
Silver	107-1	11865	12048	11828	11914	0.99	cps
Silver	109-1	11578	10981	11425	11328	2.74	cps
Sodium	23-2	488983	487262	490041	488762	0.29	cps
Strontium	86-1	700828	707926	710842	706532	0.73	cps
Strontium	88-1	6120526	6131883	6188767	6147059	0.59	cps
Sulfur	34-1	191709	188912	186172	188931	1.47	cps
Terbium	159-1	38438919	38454211	37920606	38271246	0.79	cps
Terbium	159-2	22285107	22235911	22251421	22257480	0.11	cps
Thallium	203-1	11235	10644	11238	11039	3.10	cps
Thallium	205-1	26005	26446	26396	26282	0.92	cps
Tin	118-1	59767	61427	60496	60563	1.37	cps
Titanium	47-1	3797265	3801728	3866546	3821846	1.01	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-12	Instrumnet Name :	P7
Client Sample ID :	MYE4P4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:54:16	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	87434	89236	89374	88681	1.22	cps
Vanadium	51-2	2066269	2011749	2024877	2034298	1.40	cps
Yttrium	89-1	45085658	44675584	44560131	44773791	0.62	cps
Yttrium	89-2	11073068	10980962	10914270	10989433	0.73	cps
Zinc	66-2	562696	556101	557430	558743	0.62	cps
Zirconium	90-1	578468	588185	592620	586425	1.23	cps
Zirconium	91-1	130389	131210	132374	131324	0.76	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-13	Instrumnet Name :	P7
Client Sample ID :	MYE4P5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:57:17	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17701003	17684784	17565204	17650330	0.42	cps
Antimony	121-1	53700	55249	55302	54750	1.66	cps
Arsenic	75-2	158567	155464	155461	156497	1.15	cps
Barium	135-1	2760839	2829675	2821899	2804138	1.34	cps
Barium	137-1	4793761	4940332	4866687	4866927	1.51	cps
Beryllium	9-1	2600	2745	2595	2647	3.21	cps
Bismuth	209-1	20036732	20726378	20956206	20573105	2.33	cps
Bismuth	209-2	14209976	13991762	14209164	14136967	0.89	cps
Bromine	81-1	27756	28274	28281	28103	1.07	cps
Bromine	81-2	1973	1890	1847	1903	3.38	cps
Cadmium	108-1	1177	1263	1430	1290	9.98	cps
Cadmium	106-1	12195	12155	12382	12244	0.99	cps
Cadmium	111-1	14724	14728	14487	14647	0.94	cps
Calcium	43-1	621582	615859	619868	619103	0.47	cps
Calcium	44-1	9727451	9612466	9549925	9629947	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	864895	872560	858359	865271	0.82	cps
Cobalt	59-2	1064776	1050602	1050272	1055217	0.78	cps
Copper	63-2	3317965	3307859	3267871	3297898	0.80	cps
Dysprosium	156-1	182425	184655	185789	184290	0.93	cps
Dysprosium	156-2	138259	138976	138057	138431	0.35	cps
Erbium	164-1	137047	138432	139240	138240	0.80	cps
Erbium	164-2	84299	83558	84333	84063	0.52	cps
Gadolinium	160-1	166467	169229	171527	169074	1.50	cps
Gadolinium	160-2	110626	109424	109558	109869	0.60	cps
Holmium	165-1	35674610	36199323	36900935	36258289	1.70	cps
Holmium	165-2	22108963	21634751	22068091	21937268	1.20	cps
Indium	115-1	30184309	30838767	30748382	30590486	1.16	cps
Indium	115-2	9902836	9801933	9812875	9839215	0.56	cps
Iron	56-2	785435242	790769828	784854255	787019775	0.41	cps
Iron	57-2	19530946	19461836	19388248	19460343	0.37	cps
Iron	54-2	43664701	43247136	43476531	43462789	0.48	cps
Krypton	83-1	650	617	633	633	2.63	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-13	Instrumnet Name :	P7
Client Sample ID :	MYE4P5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:57:17	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1323891	1351636	1351591	1342373	1.19	cps
Lead	207-1	1162352	1177471	1181695	1173839	0.87	cps
Lead	208-1	5231708	5405104	5344528	5327114	1.65	cps
Lithium	6-1	2565343	2530755	2537086	2544395	0.72	cps
Magnesium	24-2	15790378	15700718	15502283	15664459	0.94	cps
Manganese	55-2	17219106	17303131	17055035	17192424	0.73	cps
Molybdenum	94-1	202787	202449	205869	203702	0.93	cps
Molybdenum	95-1	18148	17931	17918	17999	0.72	cps
Molybdenum	96-1	59099	60719	61258	60358	1.86	cps
Molybdenum	97-1	10924	10757	11068	10916	1.42	cps
Molybdenum	98-1	27893	28297	27917	28036	0.81	cps
Neodymium	150-1	348372	355709	357306	353795	1.35	cps
Neodymium	150-2	186207	184424	184496	185043	0.55	cps
Nickel	60-2	390727	384199	385620	386848	0.89	cps
Phosphorus	31-2	51072	50784	49995	50617	1.10	cps
Potassium	39-2	8382555	8589410	8434626	8468863	1.27	cps
Rhodium	103-1	28909140	29427159	29250076	29195458	0.90	cps
Rhodium	103-2	17052021	16805250	16971085	16942785	0.74	cps
Scandium	45-1	16202412	16074885	16091576	16122957	0.43	cps
Scandium	45-2	1474284	1450530	1441309	1455374	1.17	cps
Selenium	82-1	1949	1942	1935	1942	0.37	cps
Selenium	77-2	643	647	723	671	6.74	cps
Selenium	78-2	1100	1157	1173	1143	3.36	cps
Silicon	28-1	76034116	76036206	76019314	76029878	0.01	cps
Silver	107-1	16726	16560	16837	16707	0.83	cps
Silver	109-1	15812	16556	16009	16126	2.39	cps
Sodium	23-2	354996	352235	349826	352352	0.73	cps
Strontium	86-1	564513	563391	569137	565680	0.54	cps
Strontium	88-1	4935574	4866075	4930357	4910669	0.79	cps
Sulfur	34-1	191514	185892	184822	187409	1.92	cps
Terbium	159-1	36723663	37384367	37558356	37222129	1.18	cps
Terbium	159-2	22223124	22117878	22018548	22119850	0.46	cps
Thallium	203-1	9667	10004	9850	9840	1.71	cps
Thallium	205-1	22562	23353	23771	23229	2.64	cps
Tin	118-1	59388	59064	58722	59058	0.56	cps
Titanium	47-1	3144857	3103132	3110599	3119529	0.71	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-13	Instrumnet Name :	P7
Client Sample ID :	MYE4P5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 04:57:17	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	83838	85593	86243	85225	1.46	cps
Vanadium	51-2	1471486	1472704	1480008	1474732	0.31	cps
Yttrium	89-1	42701749	43061404	42947716	42903623	0.43	cps
Yttrium	89-2	10653569	10683010	10554404	10630327	0.63	cps
Zinc	66-2	505309	499022	500730	501687	0.65	cps
Zirconium	90-1	519551	527647	523223	523474	0.77	cps
Zirconium	91-1	116636	118245	117865	117582	0.72	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Q2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:00:17	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23487319	23792551	23098074	23459315	1.48	cps
Antimony	121-1	23847	24147	24417	24137	1.18	cps
Arsenic	75-2	104118	104874	103064	104019	0.87	cps
Barium	135-1	2780019	2813792	2816132	2803315	0.72	cps
Barium	137-1	4731779	4823186	4884375	4813114	1.60	cps
Beryllium	9-1	2923	3189	3045	3052	4.37	cps
Bismuth	209-1	20469601	20337798	20405895	20404431	0.32	cps
Bismuth	209-2	14151494	14027912	13977131	14052179	0.64	cps
Bromine	81-1	29970	31454	31557	30994	2.86	cps
Bromine	81-2	2597	2637	2720	2651	2.37	cps
Cadmium	108-1	947	913	867	909	4.42	cps
Cadmium	106-1	12255	11875	11541	11891	3.00	cps
Cadmium	111-1	10126	10429	10288	10281	1.48	cps
Calcium	43-1	934809	948310	937469	940196	0.76	cps
Calcium	44-1	14310819	14651313	14563181	14508438	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1044585	1030913	1028302	1034600	0.85	cps
Cobalt	59-2	1085303	1078576	1076114	1079997	0.44	cps
Copper	63-2	2183489	2214901	2178680	2192356	0.90	cps
Dysprosium	156-1	218231	225761	227054	223682	2.13	cps
Dysprosium	156-2	165941	166338	166491	166257	0.17	cps
Erbium	164-1	177028	183433	184272	181578	2.18	cps
Erbium	164-2	112525	112744	112270	112513	0.21	cps
Gadolinium	160-1	208943	215598	215901	213481	1.84	cps
Gadolinium	160-2	137814	139150	137248	138071	0.71	cps
Holmium	165-1	36588337	36844012	36125450	36519266	1.00	cps
Holmium	165-2	21830395	22146460	21626916	21867924	1.20	cps
Indium	115-1	30864956	30877839	30493935	30745577	0.71	cps
Indium	115-2	9780190	9699468	9855055	9778238	0.80	cps
Iron	56-2	872138627	856364974	852815401	860439667	1.20	cps
Iron	57-2	21444169	21380242	21134499	21319637	0.77	cps
Iron	54-2	47749211	46933093	46708331	47130212	1.16	cps
Krypton	83-1	800	727	823	783	6.44	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Q2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:00:17	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	805325	824317	820485	816709	1.23	cps
Lead	207-1	671342	695238	695484	687354	2.02	cps
Lead	208-1	3127212	3238047	3219933	3195064	1.86	cps
Lithium	6-1	2639908	2547216	2478819	2555314	3.16	cps
Magnesium	24-2	18093509	17971200	17876010	17980240	0.61	cps
Manganese	55-2	17218828	16926204	16858306	17001113	1.13	cps
Molybdenum	94-1	209768	215001	211751	212173	1.25	cps
Molybdenum	95-1	14758	15021	14914	14898	0.89	cps
Molybdenum	96-1	59129	59949	60411	59830	1.09	cps
Molybdenum	97-1	9300	9446	9396	9381	0.80	cps
Molybdenum	98-1	23025	23532	23850	23469	1.77	cps
Neodymium	150-1	403248	409733	416379	409787	1.60	cps
Neodymium	150-2	215822	216283	216605	216237	0.18	cps
Nickel	60-2	393117	391143	390465	391575	0.35	cps
Phosphorus	31-2	57029	56802	57226	57019	0.37	cps
Potassium	39-2	8706861	8518496	8544357	8589905	1.19	cps
Rhodium	103-1	28943932	28696709	28906036	28848892	0.46	cps
Rhodium	103-2	16795442	16828883	16864692	16829672	0.21	cps
Scandium	45-1	16257123	16222649	16173599	16217790	0.26	cps
Scandium	45-2	1472283	1465176	1464207	1467222	0.30	cps
Selenium	82-1	1704	1713	1683	1700	0.90	cps
Selenium	77-2	823	733	760	772	5.99	cps
Selenium	78-2	1183	1150	1083	1139	4.47	cps
Silicon	28-1	76742016	78441994	77662579	77615529	1.10	cps
Silver	107-1	10100	10007	10010	10039	0.53	cps
Silver	109-1	9457	9843	9647	9649	2.00	cps
Sodium	23-2	473341	472955	471430	472575	0.21	cps
Strontium	86-1	708743	725413	726804	720320	1.40	cps
Strontium	88-1	6269455	6369534	6319662	6319551	0.79	cps
Sulfur	34-1	187424	188005	185807	187079	0.61	cps
Terbium	159-1	36951599	37237059	37288228	37158962	0.49	cps
Terbium	159-2	21829784	21889231	21876238	21865084	0.14	cps
Thallium	203-1	9430	10097	9954	9827	3.57	cps
Thallium	205-1	23026	23550	23924	23500	1.92	cps
Tin	118-1	61320	63295	64082	62899	2.26	cps
Titanium	47-1	3259433	3374718	3373797	3335983	1.99	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-14	Instrumnet Name :	P7
Client Sample ID :	MYE4Q2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:00:17	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	94875	97073	97634	96527	1.51	cps
Vanadium	51-2	1672133	1681670	1617891	1657231	2.08	cps
Yttrium	89-1	44140503	43591156	43716696	43816118	0.66	cps
Yttrium	89-2	10731069	10667604	10746979	10715217	0.39	cps
Zinc	66-2	442852	450946	445915	446571	0.92	cps
Zirconium	90-1	546890	558778	557052	554240	1.16	cps
Zirconium	91-1	120631	124290	124314	123078	1.72	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Q3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:03:20	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22787191	22937859	22904059	22876370	0.35	cps
Antimony	121-1	103381	103257	103768	103469	0.26	cps
Arsenic	75-2	330032	332670	328841	330514	0.59	cps
Barium	135-1	3412457	3401771	3418667	3410965	0.25	cps
Barium	137-1	5828048	5869578	5872471	5856699	0.42	cps
Beryllium	9-1	3862	3939	4084	3962	2.85	cps
Bismuth	209-1	20699802	20919244	21024615	20881220	0.79	cps
Bismuth	209-2	14163044	14127497	13883914	14058152	1.08	cps
Bromine	81-1	25505	26437	25956	25966	1.79	cps
Bromine	81-2	1637	1713	1607	1652	3.33	cps
Cadmium	108-1	2270	2327	2240	2279	1.93	cps
Cadmium	106-1	14517	14280	13803	14200	2.56	cps
Cadmium	111-1	28896	28471	29042	28803	1.03	cps
Calcium	43-1	489068	488192	485236	487499	0.41	cps
Calcium	44-1	7604753	7685989	7499531	7596757	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1402740	1383057	1409717	1398505	0.99	cps
Cobalt	59-2	1441231	1429752	1434134	1435039	0.40	cps
Copper	63-2	6810467	6724183	6757898	6764183	0.64	cps
Dysprosium	156-1	230214	226892	227989	228365	0.74	cps
Dysprosium	156-2	169034	167800	167617	168150	0.46	cps
Erbium	164-1	185301	185739	184576	185205	0.32	cps
Erbium	164-2	110775	111507	109431	110571	0.95	cps
Gadolinium	160-1	211617	214052	213861	213177	0.64	cps
Gadolinium	160-2	137925	137325	139127	138125	0.66	cps
Holmium	165-1	36892258	36679899	36534448	36702201	0.49	cps
Holmium	165-2	21573063	21858170	21203965	21545066	1.52	cps
Indium	115-1	30995343	30467035	30242744	30568374	1.26	cps
Indium	115-2	9783318	9554430	9603833	9647194	1.25	cps
Iron	56-2	1383562966	1398646166	1377445739	1386551624	0.79	cps
Iron	57-2	35037424	34677810	33840711	34518648	1.78	cps
Iron	54-2	75393671	75755189	75505001	75551287	0.25	cps
Krypton	83-1	730	683	673	696	4.35	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Q3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:03:20	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3224865	3259770	3162824	3215820	1.53	cps
Lead	207-1	2819129	2872669	2812560	2834786	1.16	cps
Lead	208-1	12973042	13056746	12897455	12975748	0.61	cps
Lithium	6-1	2591998	2557800	2525939	2558579	1.29	cps
Magnesium	24-2	18865349	18835576	18524136	18741687	1.01	cps
Manganese	55-2	22969895	22724816	22892325	22862345	0.55	cps
Molybdenum	94-1	299022	297678	299518	298740	0.32	cps
Molybdenum	95-1	28434	27830	27439	27901	1.80	cps
Molybdenum	96-1	92346	93278	92590	92738	0.52	cps
Molybdenum	97-1	17097	17384	17928	17469	2.42	cps
Molybdenum	98-1	43571	44518	44090	44060	1.08	cps
Neodymium	150-1	422193	422485	423310	422663	0.14	cps
Neodymium	150-2	221250	217727	217436	218805	0.97	cps
Nickel	60-2	526796	531789	528246	528944	0.49	cps
Phosphorus	31-2	60215	59495	60014	59908	0.62	cps
Potassium	39-2	9876227	9833725	9684313	9798088	1.03	cps
Rhodium	103-1	28750235	29003638	28820855	28858243	0.45	cps
Rhodium	103-2	16420611	16601447	16312376	16444811	0.89	cps
Scandium	45-1	16325623	16405531	16141325	16290826	0.83	cps
Scandium	45-2	1438437	1435056	1441642	1438378	0.23	cps
Selenium	82-1	2078	2124	2118	2107	1.20	cps
Selenium	77-2	750	887	857	831	8.64	cps
Selenium	78-2	1210	1177	1207	1198	1.53	cps
Silicon	28-1	72716754	72417134	72111197	72415028	0.42	cps
Silver	107-1	39594	39808	40236	39879	0.82	cps
Silver	109-1	38096	37442	37679	37739	0.88	cps
Sodium	23-2	256863	259624	260191	258893	0.69	cps
Strontium	86-1	575247	575087	573051	574462	0.21	cps
Strontium	88-1	5052278	4971271	5005241	5009596	0.81	cps
Sulfur	34-1	198113	197403	200014	198510	0.68	cps
Terbium	159-1	37266447	37501969	37193277	37320564	0.43	cps
Terbium	159-2	21918805	21545913	22142195	21868971	1.38	cps
Thallium	203-1	15048	15012	15562	15207	2.02	cps
Thallium	205-1	35951	36562	35967	36160	0.96	cps
Tin	118-1	78764	79555	80470	79596	1.07	cps
Titanium	47-1	4257696	4231301	4159300	4216099	1.21	cps

1500

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-15	Instrumnet Name :	P7
Client Sample ID :	MYE4Q3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:03:20	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	110308	108417	110507	109744	1.05	cps
Vanadium	51-2	2761477	2826649	2766298	2784808	1.30	cps
Yttrium	89-1	43372464	42899131	42717549	42996382	0.79	cps
Yttrium	89-2	10531059	10540628	10319573	10463754	1.19	cps
Zinc	66-2	813975	801255	800089	805106	0.96	cps
Zirconium	90-1	769299	766410	764173	766627	0.34	cps
Zirconium	91-1	171237	176300	172470	173336	1.52	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-16	Instrumnet Name :	P7
Client Sample ID :	MYE4Q4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:06:21	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36318347	36072705	35962387	36117813	0.50	cps
Antimony	121-1	39832	39862	40477	40057	0.91	cps
Arsenic	75-2	196506	194733	194912	195384	0.50	cps
Barium	135-1	3845703	3906763	3853847	3868771	0.86	cps
Barium	137-1	6675396	6774854	6684756	6711668	0.82	cps
Beryllium	9-1	4017	4034	3978	4010	0.71	cps
Bismuth	209-1	19953713	20183228	20346518	20161153	0.98	cps
Bismuth	209-2	13998151	14055426	13709197	13920924	1.33	cps
Bromine	81-1	32549	33962	34848	33786	3.43	cps
Bromine	81-2	3420	3184	3584	3396	5.92	cps
Cadmium	108-1	1420	1463	1567	1483	5.08	cps
Cadmium	106-1	13133	13269	12492	12965	3.20	cps
Cadmium	111-1	14028	14390	14310	14243	1.33	cps
Calcium	43-1	1657753	1669170	1662840	1663254	0.34	cps
Calcium	44-1	26424163	26746077	27008748	26726330	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1871298	1835197	1858924	1855140	0.99	cps
Cobalt	59-2	1788949	1786913	1784007	1786623	0.14	cps
Copper	63-2	3679391	3627311	3657559	3654754	0.72	cps
Dysprosium	156-1	250573	254247	254199	253006	0.83	cps
Dysprosium	156-2	189856	187761	187187	188268	0.75	cps
Erbium	164-1	212701	215775	213366	213948	0.76	cps
Erbium	164-2	131987	129594	129995	130525	0.98	cps
Gadolinium	160-1	237278	244626	242468	241458	1.56	cps
Gadolinium	160-2	157168	156021	155112	156100	0.66	cps
Holmium	165-1	36205324	36400954	36101661	36235980	0.42	cps
Holmium	165-2	21993059	21619596	21473306	21695320	1.24	cps
Indium	115-1	29825660	30319231	30307625	30150839	0.93	cps
Indium	115-2	9683793	9664799	9585898	9644830	0.54	cps
Iron	56-2	1476294058	1484518325	1484026485	1481612956	0.31	cps
Iron	57-2	36786829	36286778	35846549	36306718	1.30	cps
Iron	54-2	81430469	81408067	80854905	81231147	0.40	cps
Krypton	83-1	787	743	767	766	2.83	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-16	Instrumnet Name :	P7
Client Sample ID :	MYE4Q4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:06:21	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1110067	1141149	1137764	1129660	1.51	cps
Lead	207-1	952101	971277	972133	965170	1.17	cps
Lead	208-1	4373266	4460791	4474344	4436134	1.24	cps
Lithium	6-1	2616878	2553936	2517584	2562800	1.96	cps
Magnesium	24-2	35548133	35324553	35207071	35359919	0.49	cps
Manganese	55-2	29304556	29176636	29440035	29307076	0.45	cps
Molybdenum	94-1	286726	294183	291415	290775	1.30	cps
Molybdenum	95-1	21272	22020	21646	21646	1.73	cps
Molybdenum	96-1	87131	85451	85511	86031	1.11	cps
Molybdenum	97-1	13139	13019	13493	13217	1.86	cps
Molybdenum	98-1	32884	33649	33221	33251	1.15	cps
Neodymium	150-1	453326	462661	463972	459987	1.26	cps
Neodymium	150-2	244565	240270	239930	241588	1.07	cps
Nickel	60-2	681730	684035	682765	682844	0.17	cps
Phosphorus	31-2	60241	58936	58913	59364	1.28	cps
Potassium	39-2	11611793	11292427	11370210	11424810	1.46	cps
Rhodium	103-1	28198604	28468431	28593754	28420263	0.71	cps
Rhodium	103-2	16241108	16334061	16316867	16297345	0.30	cps
Scandium	45-1	16813857	16770414	16746519	16776930	0.20	cps
Scandium	45-2	1504484	1525469	1478215	1502723	1.58	cps
Selenium	82-1	1757	1845	1838	1813	2.70	cps
Selenium	77-2	873	927	773	858	9.08	cps
Selenium	78-2	1260	1373	1170	1268	8.04	cps
Silicon	28-1	73878296	75087236	72817304	73927612	1.54	cps
Silver	107-1	17230	16937	17010	17059	0.90	cps
Silver	109-1	15859	16152	16426	16146	1.76	cps
Sodium	23-2	305773	300537	302657	302989	0.87	cps
Strontium	86-1	897144	903227	905282	901885	0.47	cps
Strontium	88-1	7748557	7960543	7935498	7881532	1.47	cps
Sulfur	34-1	219724	221893	222195	221271	0.61	cps
Terbium	159-1	36895846	37551164	37150669	37199227	0.89	cps
Terbium	159-2	21941826	22101449	22049342	22030872	0.37	cps
Thallium	203-1	13533	14061	13911	13835	1.96	cps
Thallium	205-1	31941	33177	32836	32651	1.96	cps
Tin	118-1	63077	63646	64326	63683	0.98	cps
Titanium	47-1	3815457	3823943	3842787	3827395	0.37	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-16	Instrumnet Name :	P7
Client Sample ID :	MYE4Q4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:06:21	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	114432	118097	118696	117075	1.97	cps
Vanadium	51-2	3086795	3040671	2990664	3039377	1.58	cps
Yttrium	89-1	42869721	44136034	43100074	43368610	1.56	cps
Yttrium	89-2	10695709	10546237	10514561	10585502	0.91	cps
Zinc	66-2	644497	637906	636958	639787	0.64	cps
Zirconium	90-1	748211	767884	766854	760983	1.46	cps
Zirconium	91-1	167319	169344	170672	169112	1.00	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-17	Instrumnet Name :	P7
Client Sample ID :	MYE4Q5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:09:21	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23080437	22855130	22719250	22884939	0.80	cps
Antimony	121-1	28428	28712	28882	28674	0.80	cps
Arsenic	75-2	142069	140565	139683	140772	0.86	cps
Barium	135-1	3650103	3667386	3678717	3665402	0.39	cps
Barium	137-1	6328214	6373778	6359407	6353800	0.37	cps
Beryllium	9-1	3667	3745	3539	3650	2.84	cps
Bismuth	209-1	20536740	20493868	20632871	20554493	0.35	cps
Bismuth	209-2	14086747	14146665	13997131	14076848	0.53	cps
Bromine	81-1	34580	35128	36395	35368	2.63	cps
Bromine	81-2	3857	3754	3711	3774	2.00	cps
Cadmium	108-1	673	770	750	731	6.98	cps
Cadmium	106-1	11668	11054	11014	11246	3.26	cps
Cadmium	111-1	8518	8282	8435	8412	1.42	cps
Calcium	43-1	586641	596818	593672	592377	0.88	cps
Calcium	44-1	9221386	9248538	9224457	9231461	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1052067	1068687	1049317	1056691	0.99	cps
Cobalt	59-2	1218690	1219219	1197526	1211812	1.02	cps
Copper	63-2	1737908	1732987	1739166	1736687	0.19	cps
Dysprosium	156-1	238062	239588	239642	239097	0.38	cps
Dysprosium	156-2	179923	181105	179823	180284	0.40	cps
Erbium	164-1	183771	187406	188649	186609	1.36	cps
Erbium	164-2	111824	113107	111671	112201	0.70	cps
Gadolinium	160-1	218066	221671	219603	219780	0.82	cps
Gadolinium	160-2	142759	143382	143166	143102	0.22	cps
Holmium	165-1	36555742	36348756	36768924	36557808	0.57	cps
Holmium	165-2	21593117	21595119	21812036	21666757	0.58	cps
Indium	115-1	30934173	30251522	30277401	30487698	1.27	cps
Indium	115-2	9639458	9797410	9478635	9638501	1.65	cps
Iron	56-2	859729961	870393187	852440947	860854698	1.05	cps
Iron	57-2	21406938	21361274	21244797	21337670	0.39	cps
Iron	54-2	47510319	47299698	47289611	47366543	0.26	cps
Krypton	83-1	770	613	657	680	11.90	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-17	Instrumnet Name :	P7
Client Sample ID :	MYE4Q5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:09:21	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	741691	757027	766445	755054	1.65	cps
Lead	207-1	628431	639118	653273	640274	1.95	cps
Lead	208-1	2918444	2977434	3014491	2970123	1.63	cps
Lithium	6-1	2599714	2552313	2545668	2565898	1.15	cps
Magnesium	24-2	15737402	15492184	15494006	15574531	0.91	cps
Manganese	55-2	24293565	24268787	24178588	24246980	0.25	cps
Molybdenum	94-1	140833	143606	142078	142172	0.98	cps
Molybdenum	95-1	15131	15068	15402	15200	1.17	cps
Molybdenum	96-1	47821	47293	46995	47370	0.88	cps
Molybdenum	97-1	9050	9296	9717	9354	3.61	cps
Molybdenum	98-1	23145	23843	23833	23607	1.69	cps
Neodymium	150-1	446364	451424	454756	450848	0.94	cps
Neodymium	150-2	236321	236825	235905	236351	0.19	cps
Nickel	60-2	469472	467672	459615	465587	1.13	cps
Phosphorus	31-2	39745	40066	39648	39819	0.55	cps
Potassium	39-2	9420838	9479766	9339424	9413343	0.75	cps
Rhodium	103-1	29300694	29000340	28562803	28954612	1.28	cps
Rhodium	103-2	16578849	16545531	16251091	16458491	1.10	cps
Scandium	45-1	16044839	15860330	15651872	15852347	1.24	cps
Scandium	45-2	1426451	1411048	1403953	1413817	0.81	cps
Selenium	82-1	1797	1903	1704	1801	5.53	cps
Selenium	77-2	873	777	827	826	5.86	cps
Selenium	78-2	1157	1140	1203	1167	2.81	cps
Silicon	28-1	71159969	71383367	69918052	70820463	1.11	cps
Silver	107-1	6842	6958	7035	6945	1.40	cps
Silver	109-1	6605	6395	6371	6457	1.99	cps
Sodium	23-2	259880	259100	259107	259362	0.17	cps
Strontium	86-1	634322	642429	637400	638050	0.64	cps
Strontium	88-1	5593976	5651464	5586528	5610656	0.63	cps
Sulfur	34-1	189938	184098	180664	184900	2.54	cps
Terbium	159-1	37086508	37277247	37222568	37195441	0.26	cps
Terbium	159-2	22126703	22043146	21697761	21955870	1.04	cps
Thallium	203-1	14084	13700	14021	13935	1.48	cps
Thallium	205-1	32115	32997	33324	32812	1.91	cps
Tin	118-1	57655	58347	58987	58330	1.14	cps
Titanium	47-1	3535582	3559497	3571285	3555455	0.51	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-17	Instrumnet Name :	P7
Client Sample ID :	MYE4Q5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:09:21	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	108251	111545	111132	110309	1.63	cps
Vanadium	51-2	1637873	1632040	1618131	1629348	0.62	cps
Yttrium	89-1	43600693	43129306	42744498	43158165	0.99	cps
Yttrium	89-2	10415299	10608983	10381652	10468644	1.17	cps
Zinc	66-2	360670	358508	355819	358332	0.68	cps
Zirconium	90-1	359056	362927	362988	361657	0.62	cps
Zirconium	91-1	80576	81122	80549	80749	0.40	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-18	Instrumnet Name :	P7
Client Sample ID :	MYE4Q6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:12:22	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20797614	20668529	20527541	20664562	0.65	cps
Antimony	121-1	51204	54202	53118	52841	2.87	cps
Arsenic	75-2	170389	166707	167483	168193	1.15	cps
Barium	135-1	2908165	3035685	3032092	2991980	2.43	cps
Barium	137-1	5084858	5211419	5267855	5188044	1.81	cps
Beryllium	9-1	3445	3728	3689	3621	4.24	cps
Bismuth	209-1	21677446	21150299	21053502	21293749	1.58	cps
Bismuth	209-2	14250496	14235179	14059255	14181644	0.75	cps
Bromine	81-1	25018	26013	25255	25429	2.04	cps
Bromine	81-2	1897	1887	1770	1851	3.80	cps
Cadmium	108-1	1360	1383	1347	1363	1.36	cps
Cadmium	106-1	12609	12152	11818	12193	3.26	cps
Cadmium	111-1	16207	16603	16541	16450	1.29	cps
Calcium	43-1	679255	707272	697407	694645	2.05	cps
Calcium	44-1	10678574	11011892	10820844	10837103	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1078223	1083061	1083613	1081632	0.27	cps
Cobalt	59-2	1098907	1096561	1087771	1094413	0.54	cps
Copper	63-2	3606297	3535469	3555716	3565827	1.02	cps
Dysprosium	156-1	217019	224912	224913	222281	2.05	cps
Dysprosium	156-2	165469	167358	166730	166519	0.58	cps
Erbium	164-1	175311	182657	180697	179555	2.12	cps
Erbium	164-2	110415	109945	108864	109742	0.72	cps
Gadolinium	160-1	203296	210897	210988	208394	2.12	cps
Gadolinium	160-2	135811	135495	135519	135608	0.13	cps
Holmium	165-1	37904314	36715889	36649606	37089936	1.90	cps
Holmium	165-2	21909982	21944029	22017231	21957081	0.25	cps
Indium	115-1	31339066	30447102	30024631	30603600	2.19	cps
Indium	115-2	9658290	9700138	9666922	9675116	0.23	cps
Iron	56-2	951139426	943871239	936389453	943800039	0.78	cps
Iron	57-2	23056417	23564801	23166009	23262409	1.15	cps
Iron	54-2	51656713	51807599	51525439	51663250	0.27	cps
Krypton	83-1	637	667	797	700	12.15	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-18	Instrumnet Name :	P7
Client Sample ID :	MYE4Q6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:12:22	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1368811	1429755	1428078	1408881	2.46	cps
Lead	207-1	1180053	1233819	1243150	1219007	2.79	cps
Lead	208-1	5395626	5658201	5653905	5569244	2.70	cps
Lithium	6-1	2721984	2571728	2581684	2625132	3.20	cps
Magnesium	24-2	16826733	16582296	16530882	16646637	0.95	cps
Manganese	55-2	19021202	19227743	19073390	19107445	0.56	cps
Molybdenum	94-1	260138	269399	273971	267836	2.63	cps
Molybdenum	95-1	17908	19326	19567	18933	4.73	cps
Molybdenum	96-1	71782	74247	73979	73336	1.84	cps
Molybdenum	97-1	11191	12289	11962	11814	4.77	cps
Molybdenum	98-1	28742	29694	29854	29430	2.04	cps
Neodymium	150-1	404644	422021	422218	416294	2.42	cps
Neodymium	150-2	220442	222029	218255	220242	0.86	cps
Nickel	60-2	465207	463018	459960	462728	0.57	cps
Phosphorus	31-2	58491	57708	58043	58081	0.68	cps
Potassium	39-2	10675776	10637525	10702662	10671988	0.31	cps
Rhodium	103-1	29641082	28782571	28502695	28975450	2.05	cps
Rhodium	103-2	16765844	16532372	16427997	16575404	1.04	cps
Scandium	45-1	16374714	15892829	15589328	15952290	2.48	cps
Scandium	45-2	1438019	1423985	1454650	1438885	1.07	cps
Selenium	82-1	1982	2011	1699	1897	9.10	cps
Selenium	77-2	823	923	747	831	10.66	cps
Selenium	78-2	1197	1243	1310	1250	4.56	cps
Silicon	28-1	75728477	78107016	77901034	77245509	1.71	cps
Silver	107-1	18599	19453	19333	19128	2.42	cps
Silver	109-1	17194	18265	18368	17942	3.63	cps
Sodium	23-2	277174	275066	276591	276277	0.39	cps
Strontium	86-1	510653	526825	526515	521331	1.77	cps
Strontium	88-1	4505480	4625169	4635486	4588712	1.57	cps
Sulfur	34-1	187120	187943	186166	187076	0.48	cps
Terbium	159-1	38840954	37780431	37561964	38061116	1.80	cps
Terbium	159-2	22136862	21928061	21877458	21980794	0.63	cps
Thallium	203-1	11989	12519	12769	12426	3.21	cps
Thallium	205-1	28173	29970	30120	29421	3.68	cps
Tin	118-1	60744	63901	63336	62660	2.69	cps
Titanium	47-1	3439551	3554581	3512176	3502103	1.66	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-18	Instrumnet Name :	P7
Client Sample ID :	MYE4Q6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:12:22	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	88898	93142	94032	92024	2.98	cps
Vanadium	51-2	1772111	1814401	1784035	1790183	1.22	cps
Yttrium	89-1	44094871	43151231	42249568	43165223	2.14	cps
Yttrium	89-2	10504096	10488592	10444104	10478931	0.30	cps
Zinc	66-2	520620	517762	517396	518593	0.34	cps
Zirconium	90-1	675486	702325	702713	693508	2.25	cps
Zirconium	91-1	151113	156329	156232	154558	1.93	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-19	Instrumnet Name :	P7
Client Sample ID :	MYE4Q7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:15:24	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14150954	14168126	14117835	14145638	0.18	cps
Antimony	121-1	46405	47187	47645	47079	1.33	cps
Arsenic	75-2	122335	121912	121814	122021	0.23	cps
Barium	135-1	2105216	2164996	2108937	2126383	1.58	cps
Barium	137-1	3645994	3746300	3715438	3702577	1.39	cps
Beryllium	9-1	2234	2167	2156	2185	1.93	cps
Bismuth	209-1	20858847	20727336	21175107	20920430	1.10	cps
Bismuth	209-2	14482488	14566714	14370166	14473122	0.68	cps
Bromine	81-1	23482	24490	24577	24183	2.52	cps
Bromine	81-2	1470	1197	1320	1329	10.30	cps
Cadmium	108-1	810	787	900	832	7.19	cps
Cadmium	106-1	11208	11288	11451	11316	1.10	cps
Cadmium	111-1	9498	9824	9673	9665	1.69	cps
Calcium	43-1	490402	499408	490672	493494	1.04	cps
Calcium	44-1	7614172	7669782	7630292	7638082	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	712317	706882	705633	708277	0.50	cps
Cobalt	59-2	856440	848583	850479	851834	0.48	cps
Copper	63-2	1938479	1934605	1946474	1939853	0.31	cps
Dysprosium	156-1	143727	147802	145101	145543	1.42	cps
Dysprosium	156-2	107410	109083	108159	108217	0.77	cps
Erbium	164-1	120017	121597	121953	121189	0.85	cps
Erbium	164-2	74179	73964	72909	73684	0.92	cps
Gadolinium	160-1	135868	140011	139244	138375	1.59	cps
Gadolinium	160-2	89604	89554	90983	90047	0.90	cps
Holmium	165-1	36403371	36638644	36910159	36650725	0.69	cps
Holmium	165-2	22383966	21909716	21890748	22061476	1.27	cps
Indium	115-1	30477417	30328632	30127153	30311067	0.58	cps
Indium	115-2	9933589	9680636	9589602	9734609	1.83	cps
Iron	56-2	789725295	781910708	782532388	784722797	0.55	cps
Iron	57-2	19391775	19174968	19022180	19196307	0.97	cps
Iron	54-2	43132340	42848511	42187171	42722674	1.14	cps
Krypton	83-1	573	617	543	578	6.38	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-19	Instrumnet Name :	P7
Client Sample ID :	MYE4Q7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:15:24	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	790840	804467	803258	799522	0.94	cps
Lead	207-1	674786	695330	696848	688988	1.79	cps
Lead	208-1	3116573	3185609	3205670	3169284	1.47	cps
Lithium	6-1	2597204	2471298	2531296	2533266	2.49	cps
Magnesium	24-2	12525910	12469148	12377236	12457431	0.60	cps
Manganese	55-2	14603308	14349655	14225855	14392939	1.34	cps
Molybdenum	94-1	177249	184024	180957	180743	1.88	cps
Molybdenum	95-1	15759	16136	16159	16018	1.40	cps
Molybdenum	96-1	52986	54016	53979	53660	1.09	cps
Molybdenum	97-1	10237	9747	9673	9886	3.10	cps
Molybdenum	98-1	24921	25562	25579	25354	1.48	cps
Neodymium	150-1	267737	271884	271958	270526	0.89	cps
Neodymium	150-2	142478	140944	140227	141216	0.81	cps
Nickel	60-2	316020	314676	309724	313473	1.06	cps
Phosphorus	31-2	45310	45367	45223	45300	0.16	cps
Potassium	39-2	5693223	5704345	5643420	5680329	0.57	cps
Rhodium	103-1	28759937	28837190	28861366	28819498	0.18	cps
Rhodium	103-2	17039756	16621361	16579534	16746884	1.52	cps
Scandium	45-1	15452635	15502202	15645776	15533538	0.65	cps
Scandium	45-2	1452720	1421915	1396045	1423560	1.99	cps
Selenium	82-1	1860	1742	1743	1782	3.82	cps
Selenium	77-2	500	520	527	516	2.69	cps
Selenium	78-2	910	1067	903	960	9.63	cps
Silicon	28-1	72451382	74071792	74054381	73525852	1.27	cps
Silver	107-1	7719	7962	7822	7834	1.56	cps
Silver	109-1	7329	7192	7159	7226	1.25	cps
Sodium	23-2	354594	356889	351132	354205	0.82	cps
Strontium	86-1	484623	494455	492253	490444	1.05	cps
Strontium	88-1	4210995	4265983	4270345	4249107	0.78	cps
Sulfur	34-1	182262	180573	179740	180858	0.71	cps
Terbium	159-1	37025934	37085642	37383448	37165008	0.52	cps
Terbium	159-2	22305029	22298889	21959363	22187760	0.89	cps
Thallium	203-1	7616	7679	7646	7647	0.41	cps
Thallium	205-1	18282	18109	17865	18085	1.16	cps
Tin	118-1	48852	49461	49498	49271	0.74	cps
Titanium	47-1	2778642	2754783	2774080	2769169	0.46	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-19	Instrumnet Name :	P7
Client Sample ID :	MYE4Q7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:15:24	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	68002	69262	69389	68885	1.11	cps
Vanadium	51-2	1748101	1735354	1730492	1737982	0.52	cps
Yttrium	89-1	42124039	42042076	42119328	42095148	0.11	cps
Yttrium	89-2	10563207	10323959	10266054	10384407	1.52	cps
Zinc	66-2	365703	363126	360180	363003	0.76	cps
Zirconium	90-1	459360	471774	466560	465898	1.34	cps
Zirconium	91-1	102787	104767	105110	104221	1.20	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-20	Instrumnet Name :	P7
Client Sample ID :	MYE4Q8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:18:25	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20675093	20722973	20631651	20676572	0.22	cps
Antimony	121-1	37529	37161	37843	37511	0.91	cps
Arsenic	75-2	161056	158129	157883	159022	1.11	cps
Barium	135-1	3070084	3082687	3026527	3059766	0.96	cps
Barium	137-1	5266823	5362983	5292931	5307579	0.94	cps
Beryllium	9-1	3306	3484	3162	3317	4.87	cps
Bismuth	209-1	20714891	20895414	21028111	20879472	0.75	cps
Bismuth	209-2	14424110	14537744	14441489	14467781	0.42	cps
Bromine	81-1	29864	29957	30655	30159	1.43	cps
Bromine	81-2	2470	2424	2600	2498	3.67	cps
Cadmium	108-1	1030	1167	1143	1113	6.57	cps
Cadmium	106-1	11845	11765	11812	11807	0.34	cps
Cadmium	111-1	13747	13897	13762	13802	0.60	cps
Calcium	43-1	481219	480888	480036	480714	0.13	cps
Calcium	44-1	7613205	7444067	7524676	7527316	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1038058	1030881	1035488	1034809	0.35	cps
Cobalt	59-2	1100373	1102453	1098579	1100469	0.18	cps
Copper	63-2	2537840	2494942	2481526	2504770	1.17	cps
Dysprosium	156-1	188866	191589	192812	191089	1.06	cps
Dysprosium	156-2	141565	141538	141121	141408	0.18	cps
Erbium	164-1	152574	152977	154231	153261	0.56	cps
Erbium	164-2	93427	92246	93376	93016	0.72	cps
Gadolinium	160-1	177028	179295	178495	178273	0.65	cps
Gadolinium	160-2	114873	114850	114974	114899	0.06	cps
Holmium	165-1	36168838	36668534	36898513	36578628	1.02	cps
Holmium	165-2	22150461	22078004	22008538	22079001	0.32	cps
Indium	115-1	30081378	30366090	30552093	30333187	0.78	cps
Indium	115-2	9715535	9669083	9622263	9668961	0.48	cps
Iron	56-2	956233026	947144759	942175879	948517888	0.75	cps
Iron	57-2	23436914	23411093	23424174	23424060	0.06	cps
Iron	54-2	52249959	51688418	51662858	51867078	0.64	cps
Krypton	83-1	627	590	670	629	6.37	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-20	Instrumnet Name :	P7
Client Sample ID :	MYE4Q8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:18:25	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1303174	1309809	1328936	1313973	1.02	cps
Lead	207-1	1133940	1144472	1154455	1144289	0.90	cps
Lead	208-1	5155442	5142779	5256844	5185022	1.21	cps
Lithium	6-1	2578330	2511459	2524749	2538179	1.39	cps
Magnesium	24-2	17343934	17286859	17253494	17294763	0.26	cps
Manganese	55-2	25128425	25011327	24730575	24956776	0.82	cps
Molybdenum	94-1	217427	220732	219683	219281	0.77	cps
Molybdenum	95-1	14354	14254	14257	14288	0.40	cps
Molybdenum	96-1	60491	60129	60264	60295	0.30	cps
Molybdenum	97-1	8453	8689	8623	8588	1.42	cps
Molybdenum	98-1	22103	21900	21566	21856	1.24	cps
Neodymium	150-1	356561	360910	358059	358510	0.62	cps
Neodymium	150-2	190203	188679	185673	188185	1.22	cps
Nickel	60-2	453144	454496	449942	452527	0.52	cps
Phosphorus	31-2	52921	52115	51934	52323	1.00	cps
Potassium	39-2	10219685	10023182	10022170	10088346	1.13	cps
Rhodium	103-1	28549732	28704373	28803643	28685916	0.45	cps
Rhodium	103-2	16827444	16485650	16574516	16629203	1.07	cps
Scandium	45-1	15795950	15864170	15962899	15874340	0.53	cps
Scandium	45-2	1429409	1411245	1401803	1414153	0.99	cps
Selenium	82-1	1791	1882	1691	1788	5.35	cps
Selenium	77-2	673	657	693	674	2.72	cps
Selenium	78-2	977	1023	973	991	2.82	cps
Silicon	28-1	88269379	88557295	88171635	88332770	0.23	cps
Silver	107-1	12869	13019	13173	13020	1.17	cps
Silver	109-1	12699	12365	11955	12340	3.02	cps
Sodium	23-2	205922	205668	204977	205522	0.24	cps
Strontium	86-1	518029	523880	519854	520587	0.58	cps
Strontium	88-1	4498401	4576572	4563035	4546003	0.92	cps
Sulfur	34-1	190982	190461	188852	190098	0.58	cps
Terbium	159-1	37266877	37702620	37420984	37463494	0.59	cps
Terbium	159-2	22372532	22036217	22056159	22154969	0.85	cps
Thallium	203-1	12199	12499	12025	12241	1.96	cps
Thallium	205-1	29455	29819	29990	29755	0.92	cps
Tin	118-1	57876	57722	57936	57844	0.19	cps
Titanium	47-1	2779308	2754458	2724662	2752809	0.99	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-20	Instrumnet Name :	P7
Client Sample ID :	MYE4Q8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:18:25	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	84603	84952	86240	85265	1.01	cps
Vanadium	51-2	1865449	1873082	1863996	1867509	0.26	cps
Yttrium	89-1	41927198	42541274	42582716	42350396	0.87	cps
Yttrium	89-2	10512573	10290360	10315563	10372832	1.17	cps
Zinc	66-2	502759	500225	499483	500822	0.34	cps
Zirconium	90-1	565554	570540	570705	568933	0.51	cps
Zirconium	91-1	126624	128036	128103	127587	0.65	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-21	Instrumnet Name :	P7
Client Sample ID :	MYE4Q9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:21:27	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20080136	19935976	20077671	20031261	0.41	cps
Antimony	121-1	38298	38899	38565	38587	0.78	cps
Arsenic	75-2	179997	179852	179511	179787	0.14	cps
Barium	135-1	3062474	3106639	3115262	3094792	0.92	cps
Barium	137-1	5339952	5392187	5349312	5360483	0.52	cps
Beryllium	9-1	3839	3478	3739	3686	5.06	cps
Bismuth	209-1	20900825	20819117	21056769	20925571	0.58	cps
Bismuth	209-2	14264441	14475349	14462779	14400856	0.82	cps
Bromine	81-1	30735	32065	32152	31651	2.51	cps
Bromine	81-2	2884	2707	2890	2827	3.68	cps
Cadmium	108-1	960	920	990	957	3.67	cps
Cadmium	106-1	12105	12038	11948	12031	0.65	cps
Cadmium	111-1	10147	10271	10481	10300	1.64	cps
Calcium	43-1	515197	518849	513585	515877	0.52	cps
Calcium	44-1	7979950	8125937	8039934	8048607	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1008485	1011936	1011475	1010632	0.19	cps
Cobalt	59-2	1164807	1159135	1160379	1161440	0.26	cps
Copper	63-2	1846856	1830336	1824118	1833770	0.64	cps
Dysprosium	156-1	217015	221273	221219	219836	1.11	cps
Dysprosium	156-2	161911	161183	162680	161925	0.46	cps
Erbium	164-1	167258	172430	171876	170521	1.67	cps
Erbium	164-2	102476	101996	102724	102399	0.36	cps
Gadolinium	160-1	199925	202005	201485	201138	0.54	cps
Gadolinium	160-2	129785	130603	130636	130341	0.37	cps
Holmium	165-1	36959896	36540342	37019869	36840036	0.71	cps
Holmium	165-2	21807481	22128311	21915243	21950345	0.74	cps
Indium	115-1	30386989	30817930	29848360	30351093	1.60	cps
Indium	115-2	9575766	9562825	9522676	9553756	0.29	cps
Iron	56-2	933956999	926108386	924256040	928107142	0.55	cps
Iron	57-2	23123886	22841894	22919085	22961622	0.63	cps
Iron	54-2	51234216	50645951	50595628	50825265	0.70	cps
Krypton	83-1	737	733	630	700	8.66	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-21	Instrumnet Name :	P7
Client Sample ID :	MYE4Q9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:21:27	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	872631	892417	889513	884854	1.21	cps
Lead	207-1	740023	749608	762413	750682	1.50	cps
Lead	208-1	3410988	3456711	3487181	3451627	1.11	cps
Lithium	6-1	2744104	2591966	2591944	2642671	3.32	cps
Magnesium	24-2	15504052	15347129	15588012	15479731	0.79	cps
Manganese	55-2	21948135	21669579	21733670	21783794	0.67	cps
Molybdenum	94-1	251659	255004	251515	252726	0.78	cps
Molybdenum	95-1	14117	13813	13897	13942	1.13	cps
Molybdenum	96-1	65415	65790	66011	65739	0.46	cps
Molybdenum	97-1	8673	8583	8793	8683	1.21	cps
Molybdenum	98-1	21639	21866	21810	21772	0.54	cps
Neodymium	150-1	411378	410003	411068	410816	0.18	cps
Neodymium	150-2	214649	216211	212627	214496	0.84	cps
Nickel	60-2	449513	447660	449268	448814	0.22	cps
Phosphorus	31-2	43348	42576	41703	42542	1.93	cps
Potassium	39-2	8917468	8896466	8873292	8895742	0.25	cps
Rhodium	103-1	28961164	28875366	28807505	28881345	0.27	cps
Rhodium	103-2	16430559	16455245	16490861	16458888	0.18	cps
Scandium	45-1	15746915	15839029	15789714	15791886	0.29	cps
Scandium	45-2	1408761	1400734	1392096	1400531	0.60	cps
Selenium	82-1	1678	1722	1766	1722	2.56	cps
Selenium	77-2	733	760	787	760	3.51	cps
Selenium	78-2	1117	1153	1053	1108	4.57	cps
Silicon	28-1	76434911	78928747	77733394	77699017	1.61	cps
Silver	107-1	7342	6928	7489	7253	4.01	cps
Silver	109-1	6395	6585	6081	6354	4.00	cps
Sodium	23-2	246263	243451	245329	245014	0.58	cps
Strontium	86-1	641017	647118	653262	647132	0.95	cps
Strontium	88-1	5601994	5693435	5671594	5655674	0.84	cps
Sulfur	34-1	191436	190538	189590	190522	0.48	cps
Terbium	159-1	37935284	37230756	37742639	37636227	0.97	cps
Terbium	159-2	21964546	22047972	22132206	22048241	0.38	cps
Thallium	203-1	12603	12739	12346	12563	1.59	cps
Thallium	205-1	29889	29539	30050	29826	0.88	cps
Tin	118-1	50846	51241	52075	51387	1.22	cps
Titanium	47-1	3042337	3053147	3044363	3046616	0.19	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-21	Instrumnet Name :	P7
Client Sample ID :	MYE4Q9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:21:27	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	97494	100522	99760	99258	1.59	cps
Vanadium	51-2	1765539	1730656	1761126	1752441	1.08	cps
Yttrium	89-1	42406933	42452951	42030174	42296686	0.55	cps
Yttrium	89-2	10271434	10386542	10265924	10307966	0.66	cps
Zinc	66-2	395925	393787	393067	394260	0.38	cps
Zirconium	90-1	655724	672710	665246	664560	1.28	cps
Zirconium	91-1	148691	147041	147961	147897	0.56	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-22	Instrumnet Name :	P7
Client Sample ID :	MYE4R0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:24:28	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20676453	20372623	20775171	20608083	1.02	cps
Antimony	121-1	33282	36142	36099	35174	4.66	cps
Arsenic	75-2	139871	140750	138640	139754	0.76	cps
Barium	135-1	2933628	3078817	3003017	3005154	2.42	cps
Barium	137-1	5072660	5381555	5222087	5225434	2.96	cps
Beryllium	9-1	2745	2795	2478	2672	6.37	cps
Bismuth	209-1	22731574	21039329	20668376	21479760	5.12	cps
Bismuth	209-2	14144209	14317011	12563434	13674885	7.07	cps
Bromine	81-1	33628	36569	35526	35241	4.23	cps
Bromine	81-2	3380	3497	3594	3490	3.06	cps
Cadmium	108-1	623	750	697	690	9.22	cps
Cadmium	106-1	12285	11435	10734	11485	6.76	cps
Cadmium	111-1	6346	6267	6274	6296	0.70	cps
Calcium	43-1	530069	551274	552951	544765	2.34	cps
Calcium	44-1	8247921	8507232	8445116	8400090	1.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	813002	814324	818823	815383	0.37	cps
Cobalt	59-2	947200	949676	958219	951698	0.61	cps
Copper	63-2	1455115	1455301	1463948	1458121	0.35	cps
Dysprosium	156-1	180169	189338	188393	185967	2.71	cps
Dysprosium	156-2	141857	142481	143272	142537	0.50	cps
Erbium	164-1	136809	140653	145368	140943	3.04	cps
Erbium	164-2	87197	87273	87606	87359	0.25	cps
Gadolinium	160-1	170988	179663	181378	177343	3.14	cps
Gadolinium	160-2	117017	116990	116906	116971	0.05	cps
Holmium	165-1	39605634	36555779	36590837	37584084	4.66	cps
Holmium	165-2	21756945	22012808	19365415	21045056	6.94	cps
Indium	115-1	33013673	30362615	30022526	31132938	5.26	cps
Indium	115-2	9377327	9417046	8363808	9052727	6.59	cps
Iron	56-2	770593402	777614362	776367882	774858548	0.48	cps
Iron	57-2	19412184	18991987	19069914	19158028	1.17	cps
Iron	54-2	42295564	42146657	42148209	42196810	0.20	cps
Krypton	83-1	523	587	697	602	14.56	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-22	Instrumnet Name :	P7
Client Sample ID :	MYE4R0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:24:28	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	426721	449621	457147	444496	3.57	cps
Lead	207-1	353617	379322	377633	370190	3.88	cps
Lead	208-1	1657211	1752028	1769971	1726403	3.51	cps
Lithium	6-1	2926578	2657310	2579498	2721129	6.69	cps
Magnesium	24-2	14704404	14727346	14825307	14752352	0.44	cps
Manganese	55-2	14924069	15033166	15134292	15030509	0.70	cps
Molybdenum	94-1	199853	210778	210538	207056	3.01	cps
Molybdenum	95-1	14764	15175	15832	15257	3.53	cps
Molybdenum	96-1	55468	58259	58650	57459	3.02	cps
Molybdenum	97-1	9183	9803	9643	9543	3.37	cps
Molybdenum	98-1	22831	24117	24424	23791	3.55	cps
Neodymium	150-1	351329	372587	375463	366459	3.60	cps
Neodymium	150-2	193746	192584	195922	194084	0.87	cps
Nickel	60-2	353355	354057	359049	355487	0.87	cps
Phosphorus	31-2	48821	49195	48888	48968	0.41	cps
Potassium	39-2	6515056	6600897	6496214	6537389	0.85	cps
Rhodium	103-1	31316650	28763940	28371000	29483864	5.42	cps
Rhodium	103-2	16435594	16416418	14321492	15724501	7.73	cps
Scandium	45-1	17311283	15442209	15286639	16013377	7.04	cps
Scandium	45-2	1384595	1369069	1226042	1326569	6.59	cps
Selenium	82-1	1972	1743	1644	1786	9.41	cps
Selenium	77-2	627	637	743	669	9.67	cps
Selenium	78-2	1077	1077	1067	1073	0.54	cps
Silicon	28-1	82849630	84944995	85894415	84563014	1.84	cps
Silver	107-1	3644	3587	3971	3734	5.54	cps
Silver	109-1	3394	3394	3500	3429	1.80	cps
Sodium	23-2	241109	242041	242075	241742	0.23	cps
Strontium	86-1	601841	625992	631847	619893	2.57	cps
Strontium	88-1	5251799	5463735	5521173	5412236	2.62	cps
Sulfur	34-1	177842	174726	170091	174220	2.24	cps
Terbium	159-1	40381910	38097823	37359186	38612973	4.08	cps
Terbium	159-2	21755933	21678854	19476011	20970266	6.17	cps
Thallium	203-1	7926	8226	7922	8025	2.17	cps
Thallium	205-1	18336	19641	19321	19099	3.56	cps
Tin	118-1	45622	48324	48491	47479	3.39	cps
Titanium	47-1	2586354	2657421	2684028	2642601	1.91	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-22	Instrumnet Name :	P7
Client Sample ID :	MYE4R0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 05:24:28	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	84435	89830	90048	88105	3.61	cps
Vanadium	51-2	1357926	1367392	1377514	1367611	0.72	cps
Yttrium	89-1	45662846	42233267	41806445	43234186	4.89	cps
Yttrium	89-2	10054161	10203340	8950759	9736087	7.03	cps
Zinc	66-2	328746	326932	329288	328322	0.38	cps
Zirconium	90-1	517285	543551	548082	536306	3.10	cps
Zirconium	91-1	115810	121592	122052	119818	2.90	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:27:32	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5598047	5622110	5670426	5630194	0.65	cps
Antimony	121-1	19964	20074	20561	20200	1.57	cps
Arsenic	75-2	66485	65517	66241	66081	0.76	cps
Barium	135-1	952041	962812	957125	957326	0.56	cps
Barium	137-1	1646716	1668600	1685117	1666811	1.16	cps
Beryllium	9-1	900	989	883	924	6.14	cps
Bismuth	209-1	20040769	20304249	20179564	20174861	0.65	cps
Bismuth	209-2	14395452	13956901	14065998	14139451	1.61	cps
Bromine	81-1	20638	20120	20334	20364	1.28	cps
Bromine	81-2	593	527	457	526	13.00	cps
Cadmium	108-1	677	643	767	696	9.17	cps
Cadmium	106-1	10474	10547	10054	10358	2.57	cps
Cadmium	111-1	8413	8492	8261	8389	1.40	cps
Calcium	43-1	205607	205488	205119	205405	0.12	cps
Calcium	44-1	3178902	3191743	3193660	3188102	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	267409	264787	267961	266719	0.64	cps
Cobalt	59-2	334014	333545	333920	333827	0.07	cps
Copper	63-2	1729405	1736520	1734175	1733367	0.21	cps
Dysprosium	156-1	54318	54860	55054	54744	0.70	cps
Dysprosium	156-2	41381	41892	42688	41987	1.57	cps
Erbium	164-1	42909	42588	42658	42718	0.39	cps
Erbium	164-2	26158	26315	25957	26143	0.69	cps
Gadolinium	160-1	50042	50317	50410	50256	0.38	cps
Gadolinium	160-2	33854	33640	34118	33871	0.71	cps
Holmium	165-1	35347584	35376352	34690446	35138127	1.10	cps
Holmium	165-2	21358052	21057751	21046886	21154230	0.83	cps
Indium	115-1	29326861	29273685	28998612	29199719	0.60	cps
Indium	115-2	9422607	9401541	9357103	9393750	0.36	cps
Iron	56-2	256985616	258307076	257455296	257582663	0.26	cps
Iron	57-2	6400120	6352953	6421158	6391410	0.55	cps
Iron	54-2	14115230	14100245	14154555	14123343	0.20	cps
Krypton	83-1	387	507	510	468	15.02	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:27:32	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	771537	774170	771612	772440	0.19	cps
Lead	207-1	676483	684591	681814	680962	0.61	cps
Lead	208-1	3100884	3107707	3119273	3109288	0.30	cps
Lithium	6-1	2651282	2586652	2632657	2623530	1.27	cps
Magnesium	24-2	5630217	5573949	5556629	5586932	0.69	cps
Manganese	55-2	4803086	4741967	4798520	4781191	0.71	cps
Molybdenum	94-1	98075	100678	98481	99078	1.41	cps
Molybdenum	95-1	4507	4541	4574	4541	0.73	cps
Molybdenum	96-1	23542	23799	23689	23677	0.54	cps
Molybdenum	97-1	2780	2840	2977	2866	3.52	cps
Molybdenum	98-1	6822	7028	7082	6977	1.97	cps
Neodymium	150-1	108907	109858	108500	109088	0.64	cps
Neodymium	150-2	57082	57540	57246	57289	0.41	cps
Nickel	60-2	144196	144189	144478	144287	0.11	cps
Phosphorus	31-2	19222	19219	19199	19213	0.07	cps
Potassium	39-2	1709544	1724390	1740503	1724812	0.90	cps
Rhodium	103-1	27736699	28013312	27514016	27754676	0.90	cps
Rhodium	103-2	16305411	16203544	16073659	16194204	0.72	cps
Scandium	45-1	14803520	14691353	14660942	14718605	0.51	cps
Scandium	45-2	1313452	1306325	1305089	1308289	0.35	cps
Selenium	82-1	1586	1455	1411	1484	6.14	cps
Selenium	77-2	193	213	213	207	5.59	cps
Selenium	78-2	620	667	687	658	5.20	cps
Silicon	28-1	16731993	16984381	16969676	16895350	0.84	cps
Silver	107-1	10597	10447	10217	10420	1.84	cps
Silver	109-1	9837	9553	10074	9821	2.65	cps
Sodium	23-2	99395	99536	99566	99499	0.09	cps
Strontium	86-1	234465	234499	236834	235266	0.58	cps
Strontium	88-1	2047959	2042762	2067015	2052579	0.62	cps
Sulfur	34-1	171237	172208	173937	172461	0.79	cps
Terbium	159-1	36116923	35879898	35995884	35997568	0.33	cps
Terbium	159-2	21784193	21680469	21307896	21590852	1.16	cps
Thallium	203-1	3394	3374	3390	3386	0.32	cps
Thallium	205-1	8253	8116	8062	8144	1.20	cps
Tin	118-1	23182	22284	23312	22926	2.44	cps
Titanium	47-1	855255	857852	867033	860047	0.72	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:27:32	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23117	23447	22913	23159	1.16	cps
Vanadium	51-2	496896	504752	498554	500067	0.83	cps
Yttrium	89-1	38587864	39366753	39049612	39001410	1.00	cps
Yttrium	89-2	9503479	9651974	9678302	9611252	0.98	cps
Zinc	66-2	198606	197170	197879	197885	0.36	cps
Zirconium	90-1	259685	261544	262905	261378	0.62	cps
Zirconium	91-1	57546	58556	58037	58046	0.87	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:30:38	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5910770	5934820	5857156	5900915	0.67	cps
Antimony	121-1	21376	21179	21676	21410	1.17	cps
Arsenic	75-2	67271	65795	66106	66391	1.17	cps
Barium	135-1	995833	1005850	1001607	1001097	0.50	cps
Barium	137-1	1731278	1763595	1758596	1751156	0.99	cps
Beryllium	9-1	794	956	900	883	9.27	cps
Bismuth	209-1	19886615	19812337	20113778	19937576	0.79	cps
Bismuth	209-2	14002688	14138819	14013885	14051797	0.54	cps
Bromine	81-1	19216	19203	19296	19238	0.26	cps
Bromine	81-2	543	473	557	524	8.53	cps
Cadmium	108-1	740	690	687	706	4.23	cps
Cadmium	106-1	10747	10097	10344	10396	3.16	cps
Cadmium	111-1	9046	8951	8925	8974	0.71	cps
Calcium	43-1	215120	214522	211732	213791	0.85	cps
Calcium	44-1	3320392	3315516	3358278	3331395	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	280019	277386	280468	279291	0.60	cps
Cobalt	59-2	345525	342593	347599	345239	0.73	cps
Copper	63-2	1821409	1798025	1830911	1816782	0.93	cps
Dysprosium	156-1	56108	56422	56182	56238	0.29	cps
Dysprosium	156-2	43196	42915	43878	43330	1.14	cps
Erbium	164-1	43150	43705	43655	43503	0.71	cps
Erbium	164-2	26448	27457	27317	27074	2.02	cps
Gadolinium	160-1	51350	52498	51989	51946	1.11	cps
Gadolinium	160-2	35365	34967	34589	34974	1.11	cps
Holmium	165-1	34612157	34808925	34879877	34766986	0.40	cps
Holmium	165-2	20720547	21208541	21049250	20992779	1.19	cps
Indium	115-1	29266466	29428051	29099516	29264678	0.56	cps
Indium	115-2	9440863	9443555	9280632	9388350	0.99	cps
Iron	56-2	269375436	265827736	268298943	267834038	0.68	cps
Iron	57-2	6651843	6532913	6551406	6578720	0.97	cps
Iron	54-2	14776082	14732421	14790763	14766422	0.21	cps
Krypton	83-1	503	463	443	470	6.50	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:30:38	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	798751	800403	803605	800920	0.31	cps
Lead	207-1	703603	700589	707064	703752	0.46	cps
Lead	208-1	3202225	3216881	3219254	3212787	0.29	cps
Lithium	6-1	2717265	2655373	2670654	2681097	1.20	cps
Magnesium	24-2	5771786	5879950	5872728	5841488	1.04	cps
Manganese	55-2	5009889	4974788	5014393	4999690	0.43	cps
Molybdenum	94-1	100572	100911	101166	100883	0.30	cps
Molybdenum	95-1	4567	4777	4607	4651	2.40	cps
Molybdenum	96-1	23756	25031	24424	24404	2.61	cps
Molybdenum	97-1	2997	2980	2680	2886	6.18	cps
Molybdenum	98-1	7395	7449	7592	7479	1.36	cps
Neodymium	150-1	111860	112753	113045	112553	0.55	cps
Neodymium	150-2	59980	59702	59066	59583	0.79	cps
Nickel	60-2	151819	150136	149140	150365	0.90	cps
Phosphorus	31-2	20137	19883	19790	19936	0.90	cps
Potassium	39-2	1793327	1785388	1797032	1791916	0.33	cps
Rhodium	103-1	27975853	27878075	27936465	27930131	0.18	cps
Rhodium	103-2	16074992	16210299	15914402	16066564	0.92	cps
Scandium	45-1	14991967	14837897	14750057	14859974	0.82	cps
Scandium	45-2	1313726	1301952	1321947	1312542	0.77	cps
Selenium	82-1	1447	1482	1575	1502	4.40	cps
Selenium	77-2	227	183	297	236	24.28	cps
Selenium	78-2	747	790	703	747	5.80	cps
Silicon	28-1	16410386	16376589	15992214	16259729	1.43	cps
Silver	107-1	10641	10941	11168	10916	2.42	cps
Silver	109-1	10657	10481	10080	10406	2.84	cps
Sodium	23-2	94820	93974	95910	94901	1.02	cps
Strontium	86-1	241987	245036	243746	243590	0.63	cps
Strontium	88-1	2134921	2094357	2097227	2108835	1.07	cps
Sulfur	34-1	180954	179463	182178	180865	0.75	cps
Terbium	159-1	35391151	35475047	35331387	35399195	0.20	cps
Terbium	159-2	21142132	21240767	21205279	21196059	0.24	cps
Thallium	203-1	3524	3434	3474	3477	1.30	cps
Thallium	205-1	7902	8032	8316	8084	2.62	cps
Tin	118-1	23259	23843	23820	23641	1.40	cps
Titanium	47-1	887337	888904	894008	890083	0.39	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:30:38	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23501	24052	23925	23826	1.21	cps
Vanadium	51-2	527070	520755	518239	522021	0.87	cps
Yttrium	89-1	39421624	38753409	38986198	39053744	0.87	cps
Yttrium	89-2	9703977	9710547	9591216	9668580	0.69	cps
Zinc	66-2	209325	206375	206315	207339	0.83	cps
Zirconium	90-1	266887	267584	269389	267953	0.48	cps
Zirconium	91-1	60189	59071	59359	59540	0.97	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4W5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 05:33:45	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1098747	1109702	1100998	1103149	0.52	cps
Antimony	121-1	3914	4084	3944	3981	2.28	cps
Arsenic	75-2	12772	12686	13072	12843	1.58	cps
Barium	135-1	184678	187328	185498	185835	0.73	cps
Barium	137-1	321583	323892	322611	322695	0.36	cps
Beryllium	9-1	222	244	167	211	18.98	cps
Bismuth	209-1	20149533	19496723	19776665	19807640	1.65	cps
Bismuth	209-2	13800354	13877545	13944934	13874278	0.52	cps
Bromine	81-1	18962	17958	18338	18419	2.75	cps
Bromine	81-2	210	217	197	208	4.90	cps
Cadmium	108-1	170	93	147	137	28.76	cps
Cadmium	106-1	9533	9453	8476	9154	6.43	cps
Cadmium	111-1	2284	2497	2378	2386	4.45	cps
Calcium	43-1	40511	40858	40604	40658	0.44	cps
Calcium	44-1	684659	693763	687680	688701	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53638	54033	54090	53920	0.46	cps
Cobalt	59-2	66059	66857	66609	66508	0.61	cps
Copper	63-2	344953	345546	344687	345062	0.13	cps
Dysprosium	156-1	10357	10751	10828	10645	2.37	cps
Dysprosium	156-2	7919	8222	8519	8220	3.65	cps
Erbium	164-1	8323	7936	7972	8077	2.64	cps
Erbium	164-2	4874	4984	4981	4946	1.27	cps
Gadolinium	160-1	9797	9930	9417	9715	2.74	cps
Gadolinium	160-2	7409	7515	7706	7543	1.99	cps
Holmium	165-1	35520986	34273864	33461169	34418673	3.01	cps
Holmium	165-2	20896269	20846534	20989850	20910884	0.35	cps
Indium	115-1	30271766	28892926	28970576	29378423	2.64	cps
Indium	115-2	9360424	9492324	9309993	9387580	1.00	cps
Iron	56-2	50317894	50300169	50056728	50224930	0.29	cps
Iron	57-2	1296609	1299001	1296341	1297317	0.11	cps
Iron	54-2	2816109	2789973	2743817	2783300	1.32	cps
Krypton	83-1	447	423	407	426	4.72	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4W5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 05:33:45	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	148020	149417	149284	148907	0.52	cps
Lead	207-1	129870	129487	132547	130635	1.28	cps
Lead	208-1	592912	596018	600851	596593	0.67	cps
Lithium	6-1	2770749	2678662	2660124	2703178	2.19	cps
Magnesium	24-2	1071999	1069117	1070062	1070393	0.14	cps
Manganese	55-2	941176	946218	938594	941996	0.41	cps
Molybdenum	94-1	19423	19647	20234	19768	2.12	cps
Molybdenum	95-1	883	947	900	910	3.61	cps
Molybdenum	96-1	4664	4751	4791	4735	1.37	cps
Molybdenum	97-1	613	647	640	633	2.79	cps
Molybdenum	98-1	1530	1493	1427	1483	3.53	cps
Neodymium	150-1	20492	21053	20275	20606	1.95	cps
Neodymium	150-2	11148	11184	11094	11142	0.41	cps
Nickel	60-2	28701	29032	28597	28777	0.79	cps
Phosphorus	31-2	3994	3877	3987	3953	1.66	cps
Potassium	39-2	419578	420431	418662	419557	0.21	cps
Rhodium	103-1	28850611	28026769	27806770	28228050	1.95	cps
Rhodium	103-2	15919929	16112644	16021024	16017865	0.60	cps
Scandium	45-1	15274433	14794005	14671733	14913390	2.14	cps
Scandium	45-2	1303371	1314574	1285514	1301153	1.13	cps
Selenium	82-1	1398	1357	1442	1399	3.02	cps
Selenium	77-2	50	27	40	39	30.10	cps
Selenium	78-2	520	520	590	543	7.44	cps
Silicon	28-1	4294730	4274386	4297850	4288989	0.30	cps
Silver	107-1	2247	2117	2210	2191	3.06	cps
Silver	109-1	1847	1963	2040	1950	4.99	cps
Sodium	23-2	54546	54289	53683	54173	0.82	cps
Strontium	86-1	46189	46460	46065	46238	0.44	cps
Strontium	88-1	398229	404515	400756	401167	0.79	cps
Sulfur	34-1	178577	176547	176557	177227	0.66	cps
Terbium	159-1	35927214	35099036	34628934	35218395	1.87	cps
Terbium	159-2	21198876	21266098	21092786	21185920	0.41	cps
Thallium	203-1	1070	1043	1013	1042	2.72	cps
Thallium	205-1	2487	2507	2364	2452	3.17	cps
Tin	118-1	7452	7859	7239	7516	4.19	cps
Titanium	47-1	168871	172403	170907	170727	1.04	cps

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Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4W5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 05:33:45	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4157	4337	4264	4253	2.13	cps
Vanadium	51-2	98727	97479	97660	97955	0.69	cps
Yttrium	89-1	40172919	38455568	38202381	38943623	2.75	cps
Yttrium	89-2	9580539	9561563	9529122	9557075	0.27	cps
Zinc	66-2	39505	39031	39676	39404	0.85	cps
Zirconium	90-1	52236	52751	53286	52758	1.00	cps
Zirconium	91-1	11561	11635	11795	11664	1.02	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:36:57	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5801513	5918097	5872422	5864011	1.00	cps
Antimony	121-1	378396	383396	384636	382143	0.86	cps
Arsenic	75-2	74814	74492	72777	74028	1.48	cps
Barium	135-1	2677926	2727287	2744864	2716693	1.28	cps
Barium	137-1	4596614	4677886	4706795	4660432	1.23	cps
Beryllium	9-1	15653	15680	14918	15417	2.80	cps
Bismuth	209-1	21067008	19719224	19675914	20154049	3.92	cps
Bismuth	209-2	13873259	14184980	13893488	13983909	1.25	cps
Bromine	81-1	18849	18358	19426	18878	2.83	cps
Bromine	81-2	470	463	430	454	4.72	cps
Cadmium	108-1	3857	3627	3844	3776	3.42	cps
Cadmium	106-1	15565	14961	14651	15059	3.09	cps
Cadmium	111-1	53885	55055	54396	54445	1.08	cps
Calcium	43-1	207607	211388	211334	210110	1.03	cps
Calcium	44-1	3276221	3295343	3337364	3302976	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	573694	565817	571155	570222	0.71	cps
Cobalt	59-2	1717009	1683050	1695864	1698641	1.01	cps
Copper	63-2	2239054	2172193	2198944	2203397	1.53	cps
Dysprosium	156-1	54288	54850	54047	54395	0.76	cps
Dysprosium	156-2	42788	43096	43574	43153	0.92	cps
Erbium	164-1	41588	42127	42000	41905	0.67	cps
Erbium	164-2	26552	26345	26291	26396	0.52	cps
Gadolinium	160-1	49955	49865	50494	50105	0.68	cps
Gadolinium	160-2	34689	34085	34142	34305	0.97	cps
Holmium	165-1	37160611	34883594	34677654	35573953	3.87	cps
Holmium	165-2	21275280	21424791	21153448	21284506	0.64	cps
Indium	115-1	31350479	29720388	29561910	30210926	3.28	cps
Indium	115-2	9565659	9575006	9529998	9556888	0.25	cps
Iron	56-2	268604029	263907329	264597729	265703029	0.95	cps
Iron	57-2	6548507	6454648	6502674	6501943	0.72	cps
Iron	54-2	14588947	14572700	14729987	14630545	0.59	cps
Krypton	83-1	500	450	527	492	7.91	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:36:57	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	812390	822064	831399	821951	1.16	cps
Lead	207-1	712515	729308	729106	723643	1.33	cps
Lead	208-1	3257114	3314443	3328343	3299967	1.14	cps
Lithium	6-1	2881189	2730836	2676108	2762711	3.84	cps
Magnesium	24-2	5623074	5691313	5624843	5646410	0.69	cps
Manganese	55-2	5382374	5408608	5439036	5410006	0.52	cps
Molybdenum	94-1	97827	100240	101861	99976	2.03	cps
Molybdenum	95-1	4634	4444	4571	4550	2.13	cps
Molybdenum	96-1	23556	24300	23816	23891	1.58	cps
Molybdenum	97-1	2680	2917	2834	2810	4.27	cps
Molybdenum	98-1	7212	7212	7425	7283	1.69	cps
Neodymium	150-1	106828	109450	108547	108275	1.23	cps
Neodymium	150-2	58410	58210	58551	58390	0.29	cps
Nickel	60-2	468415	460854	461365	463545	0.91	cps
Phosphorus	31-2	19382	20584	19880	19949	3.03	cps
Potassium	39-2	1787269	1773241	1743448	1767986	1.27	cps
Rhodium	103-1	29865868	28639722	28537958	29014516	2.55	cps
Rhodium	103-2	16170858	16514389	16318709	16334652	1.05	cps
Scandium	45-1	16293769	15149876	15336193	15593279	3.94	cps
Scandium	45-2	1326428	1357138	1312382	1331983	1.72	cps
Selenium	82-1	8251	8161	8212	8208	0.55	cps
Selenium	77-2	760	843	743	782	6.85	cps
Selenium	78-2	2747	2734	2757	2746	0.43	cps
Silicon	28-1	16388721	16755004	16797706	16647144	1.35	cps
Silver	107-1	211769	215438	216649	214618	1.18	cps
Silver	109-1	200713	207314	205936	204654	1.70	cps
Sodium	23-2	87711	88247	87771	87910	0.33	cps
Strontium	86-1	234779	241109	239602	238496	1.39	cps
Strontium	88-1	2067368	2059856	2058488	2061904	0.23	cps
Sulfur	34-1	187876	184829	186861	186522	0.83	cps
Terbium	159-1	37767704	35549818	35605718	36307746	3.48	cps
Terbium	159-2	21626410	21383811	21145606	21385275	1.12	cps
Thallium	203-1	160081	163124	164932	162712	1.51	cps
Thallium	205-1	377874	387013	392998	385962	1.97	cps
Tin	118-1	23343	23145	23432	23307	0.63	cps
Titanium	47-1	866741	886481	887845	880356	1.34	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:36:57	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22613	22810	22713	22712	0.43	cps
Vanadium	51-2	1143023	1149588	1139554	1144055	0.45	cps
Yttrium	89-1	42492126	39933674	39682945	40702915	3.82	cps
Yttrium	89-2	9758214	9978389	9851347	9862650	1.12	cps
Zinc	66-2	336600	335327	332818	334915	0.57	cps
Zirconium	90-1	258928	265897	265246	263357	1.46	cps
Zirconium	91-1	56997	58529	58436	57987	1.48	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:40:01	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6404600	6366810	6316246	6362552	0.70	cps
Antimony	121-1	1857010	1888062	1895937	1880337	1.09	cps
Arsenic	75-2	105687	103695	103988	104457	1.03	cps
Barium	135-1	9888200	10177675	10085053	10050309	1.47	cps
Barium	137-1	16877060	17523538	17491552	17297383	2.11	cps
Beryllium	9-1	74841	78486	77520	76949	2.45	cps
Bismuth	209-1	19610918	19799746	20049906	19820190	1.11	cps
Bismuth	209-2	14154886	14076279	14169642	14133602	0.36	cps
Bromine	81-1	19830	19263	19400	19497	1.52	cps
Bromine	81-2	497	453	467	472	4.70	cps
Cadmium	108-1	16499	17387	17144	17010	2.70	cps
Cadmium	106-1	32797	33512	33175	33161	1.08	cps
Cadmium	111-1	237187	245338	246615	243047	2.10	cps
Calcium	43-1	201898	208574	207097	205856	1.70	cps
Calcium	44-1	3312610	3369554	3363154	3348439	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1802141	1811302	1787002	1800148	0.68	cps
Cobalt	59-2	7456535	7305581	7452446	7404854	1.16	cps
Copper	63-2	4026460	3962444	3957112	3982005	0.97	cps
Dysprosium	156-1	53073	54201	54090	53788	1.16	cps
Dysprosium	156-2	42631	42320	42728	42560	0.50	cps
Erbium	164-1	40064	41685	42591	41447	3.09	cps
Erbium	164-2	26038	26435	25924	26132	1.03	cps
Gadolinium	160-1	48039	50056	50457	49517	2.62	cps
Gadolinium	160-2	33995	33173	33457	33541	1.24	cps
Holmium	165-1	33813129	34550905	34870019	34411351	1.58	cps
Holmium	165-2	21698498	21498965	21345527	21514330	0.82	cps
Indium	115-1	28647931	29069920	29572366	29096739	1.59	cps
Indium	115-2	9576027	9403277	9467928	9482411	0.92	cps
Iron	56-2	265389796	265976736	265501636	265622723	0.12	cps
Iron	57-2	6659771	6494532	6522808	6559037	1.35	cps
Iron	54-2	14657086	14489409	14483901	14543465	0.68	cps
Krypton	83-1	513	493	573	527	7.90	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:40:01	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1004348	1031182	1042432	1025988	1.91	cps
Lead	207-1	878788	904076	915598	899487	2.09	cps
Lead	208-1	4009376	4108193	4129016	4082195	1.57	cps
Lithium	6-1	2664096	2633177	2703683	2666985	1.33	cps
Magnesium	24-2	5608317	5614420	5524812	5582516	0.90	cps
Manganese	55-2	7510849	7471955	7467947	7483583	0.32	cps
Molybdenum	94-1	94475	98414	99599	97496	2.75	cps
Molybdenum	95-1	4808	4884	4537	4743	3.84	cps
Molybdenum	96-1	22961	23759	23933	23551	2.20	cps
Molybdenum	97-1	2784	2837	3034	2885	4.57	cps
Molybdenum	98-1	7495	7685	7519	7566	1.37	cps
Neodymium	150-1	103637	108967	107913	106839	2.64	cps
Neodymium	150-2	56687	57219	57540	57148	0.75	cps
Nickel	60-2	1822290	1776370	1796076	1798245	1.28	cps
Phosphorus	31-2	19579	19152	19623	19451	1.34	cps
Potassium	39-2	1731719	1695126	1730315	1719053	1.21	cps
Rhodium	103-1	27668940	28382000	28072738	28041226	1.28	cps
Rhodium	103-2	16343238	16303954	16476720	16374637	0.55	cps
Scandium	45-1	14875707	15025558	14988197	14963154	0.52	cps
Scandium	45-2	1337102	1290039	1309441	1312194	1.80	cps
Selenium	82-1	32851	34310	33743	33635	2.19	cps
Selenium	77-2	3287	3320	3210	3273	1.72	cps
Selenium	78-2	11001	10701	10791	10831	1.42	cps
Silicon	28-1	16459407	16727674	16374362	16520481	1.12	cps
Silver	107-1	1052770	1085938	1076772	1071826	1.60	cps
Silver	109-1	1010314	1038018	1043432	1030588	1.72	cps
Sodium	23-2	87644	87426	87775	87615	0.20	cps
Strontium	86-1	230321	237031	235768	234373	1.52	cps
Strontium	88-1	1968128	2053092	2034138	2018453	2.21	cps
Sulfur	34-1	191328	193127	190177	191544	0.78	cps
Terbium	159-1	35309134	35944325	35554963	35602807	0.90	cps
Terbium	159-2	21731298	21326673	21529446	21529139	0.94	cps
Thallium	203-1	805286	828043	831968	821766	1.75	cps
Thallium	205-1	1864650	1930209	1965145	1920001	2.66	cps
Tin	118-1	23870	24120	24381	24124	1.06	cps
Titanium	47-1	851572	880691	875454	869239	1.79	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4W5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:40:01	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21387	22816	22375	22193	3.30	cps
Vanadium	51-2	3776069	3726560	3720421	3741017	0.82	cps
Yttrium	89-1	38468073	39656294	39663775	39262714	1.75	cps
Yttrium	89-2	9904296	9741928	9797290	9814505	0.84	cps
Zinc	66-2	908920	904155	902191	905089	0.38	cps
Zirconium	90-1	251173	261731	263030	258644	2.51	cps
Zirconium	91-1	55772	58744	59155	57890	3.19	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:42:56	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4917187	4919761	4890237	4909062	0.33	cps
Antimony	121-1	22488	23119	23356	22987	1.95	cps
Arsenic	75-2	72848	71002	72566	72138	1.38	cps
Barium	135-1	694066	709703	703452	702407	1.12	cps
Barium	137-1	1208525	1233855	1224444	1222275	1.05	cps
Beryllium	9-1	789	817	989	865	12.53	cps
Bismuth	209-1	20682361	20195257	20400609	20426076	1.20	cps
Bismuth	209-2	14268208	14305294	14098902	14224135	0.77	cps
Bromine	81-1	20511	19964	20504	20326	1.55	cps
Bromine	81-2	417	510	543	490	13.40	cps
Cadmium	108-1	530	523	570	541	4.66	cps
Cadmium	106-1	11134	10617	10527	10760	3.04	cps
Cadmium	111-1	7529	7592	7475	7532	0.78	cps
Calcium	43-1	121892	122973	123155	122673	0.56	cps
Calcium	44-1	1877770	1940700	1916729	1911733	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	225640	223559	224034	224411	0.49	cps
Cobalt	59-2	254234	255656	251903	253931	0.75	cps
Copper	63-2	1684168	1664248	1669012	1672476	0.62	cps
Dysprosium	156-1	49233	50276	50239	49916	1.19	cps
Dysprosium	156-2	38295	38860	38452	38536	0.76	cps
Erbium	164-1	36728	38282	37985	37665	2.19	cps
Erbium	164-2	22979	23784	22365	23042	3.09	cps
Gadolinium	160-1	46714	46915	46504	46711	0.44	cps
Gadolinium	160-2	32157	31064	31753	31658	1.74	cps
Holmium	165-1	36053009	35129125	34883364	35355166	1.74	cps
Holmium	165-2	21448239	21567668	21479883	21498597	0.29	cps
Indium	115-1	30398380	29744572	30134764	30092572	1.09	cps
Indium	115-2	9653339	9596935	9622507	9624260	0.29	cps
Iron	56-2	232821603	235885770	238115356	235607576	1.13	cps
Iron	57-2	5760646	5777422	5751323	5763130	0.23	cps
Iron	54-2	12912627	12979853	12852429	12914970	0.49	cps
Krypton	83-1	513	503	557	524	5.41	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:42:56	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	701702	708577	711981	707420	0.74	cps
Lead	207-1	614891	628875	624821	622862	1.16	cps
Lead	208-1	2811507	2855154	2847112	2837925	0.82	cps
Lithium	6-1	2730360	2744148	2706638	2727049	0.70	cps
Magnesium	24-2	3822504	3827995	3899853	3850117	1.12	cps
Manganese	55-2	4081440	4154414	4134030	4123295	0.91	cps
Molybdenum	94-1	61696	63135	62523	62451	1.16	cps
Molybdenum	95-1	5098	5321	5094	5171	2.51	cps
Molybdenum	96-1	17604	18091	18231	17976	1.83	cps
Molybdenum	97-1	3200	3180	3487	3289	5.22	cps
Molybdenum	98-1	8279	8399	8162	8280	1.43	cps
Neodymium	150-1	99266	100052	100229	99849	0.51	cps
Neodymium	150-2	53698	53805	53100	53534	0.71	cps
Nickel	60-2	94958	94532	95599	95030	0.57	cps
Phosphorus	31-2	13946	13723	13503	13724	1.62	cps
Potassium	39-2	2229030	2207313	2196704	2211016	0.75	cps
Rhodium	103-1	29287324	28536941	28576525	28800263	1.47	cps
Rhodium	103-2	16575270	16350975	16520670	16482305	0.71	cps
Scandium	45-1	15943153	15205344	15272569	15473689	2.64	cps
Scandium	45-2	1363860	1346905	1320557	1343774	1.62	cps
Selenium	82-1	1512	1623	1493	1542	4.55	cps
Selenium	77-2	233	190	243	222	12.76	cps
Selenium	78-2	807	733	747	762	5.13	cps
Silicon	28-1	15663846	15599320	15739732	15667633	0.45	cps
Silver	107-1	10247	10044	10140	10144	1.00	cps
Silver	109-1	9573	9603	9090	9422	3.06	cps
Sodium	23-2	93454	93713	94008	93725	0.30	cps
Strontium	86-1	141055	142633	144761	142816	1.30	cps
Strontium	88-1	1232721	1246347	1248560	1242543	0.69	cps
Sulfur	34-1	193941	189725	188045	190570	1.59	cps
Terbium	159-1	36908224	36271024	36174607	36451285	1.09	cps
Terbium	159-2	21994626	21450337	21475556	21640173	1.42	cps
Thallium	203-1	3250	3304	3204	3253	1.54	cps
Thallium	205-1	7512	7546	7495	7518	0.34	cps
Tin	118-1	24277	24264	24654	24398	0.91	cps
Titanium	47-1	849980	863340	865938	859753	1.00	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:42:56	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23317	23738	23404	23486	0.95	cps
Vanadium	51-2	428697	422265	425615	425526	0.76	cps
Yttrium	89-1	40834245	39858454	40065374	40252691	1.28	cps
Yttrium	89-2	9871692	9869654	9841843	9861063	0.17	cps
Zinc	66-2	195327	194769	193317	194471	0.53	cps
Zirconium	90-1	159239	162596	163259	161698	1.33	cps
Zirconium	91-1	35640	35934	36438	36004	1.12	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:46:05	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4971537	4899661	4918713	4929970	0.76	cps
Antimony	121-1	22274	22441	22438	22384	0.43	cps
Arsenic	75-2	70265	71032	70335	70544	0.60	cps
Barium	135-1	702907	710397	708352	707219	0.55	cps
Barium	137-1	1218364	1239896	1232692	1230318	0.89	cps
Beryllium	9-1	783	767	894	815	8.53	cps
Bismuth	209-1	20479029	20367581	20674703	20507104	0.76	cps
Bismuth	209-2	14148476	14345711	14410021	14301403	0.95	cps
Bromine	81-1	20431	20708	20478	20539	0.72	cps
Bromine	81-2	537	453	450	480	10.23	cps
Cadmium	108-1	580	500	640	573	12.25	cps
Cadmium	106-1	10921	10801	10467	10730	2.19	cps
Cadmium	111-1	7443	7829	7609	7627	2.54	cps
Calcium	43-1	121851	123578	121754	122394	0.84	cps
Calcium	44-1	1920519	1974609	1920122	1938417	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	226198	227051	226672	226640	0.19	cps
Cobalt	59-2	252097	254723	251984	252935	0.61	cps
Copper	63-2	1559860	1541662	1515827	1539116	1.44	cps
Dysprosium	156-1	50658	51531	50711	50967	0.96	cps
Dysprosium	156-2	38907	39064	38402	38791	0.89	cps
Erbium	164-1	37203	38309	37808	37773	1.47	cps
Erbium	164-2	22999	23263	22698	22987	1.23	cps
Gadolinium	160-1	46159	47500	46243	46634	1.61	cps
Gadolinium	160-2	31953	31840	31656	31816	0.47	cps
Holmium	165-1	34947610	35164410	34907804	35006608	0.39	cps
Holmium	165-2	21377610	21754906	21484306	21538940	0.90	cps
Indium	115-1	29952051	30006521	29857286	29938619	0.25	cps
Indium	115-2	9664308	9610725	9633320	9636118	0.28	cps
Iron	56-2	235221983	234115130	233764810	234367308	0.32	cps
Iron	57-2	5744776	5809041	5756660	5770159	0.59	cps
Iron	54-2	12811095	12952166	12684995	12816085	1.04	cps
Krypton	83-1	473	373	403	417	12.32	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:46:05	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	705388	711472	710774	709211	0.47	cps
Lead	207-1	614737	629459	624110	622769	1.20	cps
Lead	208-1	2822423	2866621	2860711	2849918	0.84	cps
Lithium	6-1	2833756	2779515	2763303	2792191	1.32	cps
Magnesium	24-2	3855570	3856220	3856168	3855986	0.01	cps
Manganese	55-2	4151829	4153253	4107534	4137539	0.63	cps
Molybdenum	94-1	62834	62503	63166	62834	0.53	cps
Molybdenum	95-1	5268	5334	5588	5397	3.13	cps
Molybdenum	96-1	17921	18692	17794	18136	2.68	cps
Molybdenum	97-1	3190	3450	3437	3359	4.36	cps
Molybdenum	98-1	8593	8746	8789	8709	1.19	cps
Neodymium	150-1	97736	99615	99236	98862	1.01	cps
Neodymium	150-2	53645	52885	52437	52989	1.15	cps
Nickel	60-2	93469	92620	92006	92699	0.79	cps
Phosphorus	31-2	13760	14003	13706	13823	1.15	cps
Potassium	39-2	2234293	2255214	2238302	2242603	0.50	cps
Rhodium	103-1	28859928	28861856	28583085	28768290	0.56	cps
Rhodium	103-2	16411224	16443876	16646696	16500599	0.77	cps
Scandium	45-1	15427998	15522116	15289596	15413237	0.76	cps
Scandium	45-2	1357368	1356647	1342929	1352315	0.60	cps
Selenium	82-1	1548	1732	1624	1635	5.66	cps
Selenium	77-2	240	160	197	199	20.13	cps
Selenium	78-2	733	670	607	670	9.45	cps
Silicon	28-1	15783728	15949311	15706842	15813294	0.78	cps
Silver	107-1	9406	10000	9687	9698	3.06	cps
Silver	109-1	9193	9376	8966	9179	2.24	cps
Sodium	23-2	95608	94840	94636	95028	0.54	cps
Strontium	86-1	143541	143683	143824	143683	0.10	cps
Strontium	88-1	1240607	1259431	1256858	1252299	0.82	cps
Sulfur	34-1	193600	194265	188601	192155	1.61	cps
Terbium	159-1	36063929	35651553	35846702	35854061	0.58	cps
Terbium	159-2	21647009	21953824	21661335	21754056	0.80	cps
Thallium	203-1	2927	3144	3150	3074	4.13	cps
Thallium	205-1	7342	7305	7349	7332	0.32	cps
Tin	118-1	23706	24074	23980	23920	0.80	cps
Titanium	47-1	858614	868154	860025	862264	0.60	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:46:05	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23871	24209	23835	23972	0.86	cps
Vanadium	51-2	427243	422890	418401	422845	1.05	cps
Yttrium	89-1	39980702	40191665	40297259	40156542	0.40	cps
Yttrium	89-2	9826405	9861862	9877267	9855178	0.26	cps
Zinc	66-2	194631	193928	194904	194488	0.26	cps
Zirconium	90-1	160402	162973	163138	162171	0.95	cps
Zirconium	91-1	36275	36078	36128	36160	0.28	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 05:49:12	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	979069	973113	967942	973375	0.57	cps
Antimony	121-1	4231	4391	4437	4353	2.49	cps
Arsenic	75-2	14504	13837	13940	14093	2.55	cps
Barium	135-1	134071	137401	137092	136188	1.35	cps
Barium	137-1	233581	238306	240960	237616	1.57	cps
Beryllium	9-1	228	139	194	187	24.01	cps
Bismuth	209-1	19957397	19820121	19726300	19834606	0.59	cps
Bismuth	209-2	14204669	14063959	14389187	14219272	1.15	cps
Bromine	81-1	20150	19393	19046	19530	2.89	cps
Bromine	81-2	247	227	220	231	6.01	cps
Cadmium	108-1	133	120	107	120	11.11	cps
Cadmium	106-1	9757	9807	9780	9781	0.26	cps
Cadmium	111-1	2155	2213	2352	2240	4.51	cps
Calcium	43-1	23618	24891	24924	24478	3.04	cps
Calcium	44-1	419024	429151	428059	425411	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45739	45859	45505	45701	0.39	cps
Cobalt	59-2	50341	50225	50822	50463	0.63	cps
Copper	63-2	312684	308694	309849	310409	0.66	cps
Dysprosium	156-1	9600	9924	9934	9819	1.93	cps
Dysprosium	156-2	7605	7492	7709	7602	1.43	cps
Erbium	164-1	6985	7515	7125	7209	3.81	cps
Erbium	164-2	4794	4738	4517	4683	3.12	cps
Gadolinium	160-1	9063	9223	8993	9093	1.30	cps
Gadolinium	160-2	7195	6805	7295	7099	3.65	cps
Holmium	165-1	34471298	34383248	33855679	34236741	0.97	cps
Holmium	165-2	21382815	21070524	21477061	21310133	1.00	cps
Indium	115-1	29888268	29776914	29406052	29690411	0.85	cps
Indium	115-2	9696601	9483990	9572387	9584326	1.11	cps
Iron	56-2	45614416	46093879	45613068	45773788	0.61	cps
Iron	57-2	1175326	1199661	1178858	1184615	1.11	cps
Iron	54-2	2539324	2550475	2595247	2561682	1.16	cps
Krypton	83-1	423	400	450	424	5.89	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 05:49:12	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	134578	138114	137825	136839	1.43	cps
Lead	207-1	117537	121905	122504	120648	2.25	cps
Lead	208-1	538540	550793	555140	548158	1.57	cps
Lithium	6-1	2799482	2748909	2718045	2755479	1.49	cps
Magnesium	24-2	747379	748745	748308	748144	0.09	cps
Manganese	55-2	810423	808469	815761	811551	0.47	cps
Molybdenum	94-1	12375	13096	12922	12798	2.94	cps
Molybdenum	95-1	1037	1100	1027	1054	3.77	cps
Molybdenum	96-1	3627	3991	3687	3768	5.17	cps
Molybdenum	97-1	620	677	600	632	6.29	cps
Molybdenum	98-1	1887	1733	1670	1763	6.32	cps
Neodymium	150-1	19126	19574	19637	19446	1.43	cps
Neodymium	150-2	10230	10254	10434	10306	1.08	cps
Nickel	60-2	18925	18405	18555	18628	1.44	cps
Phosphorus	31-2	2827	2887	2760	2825	2.24	cps
Potassium	39-2	527349	528840	527875	528021	0.14	cps
Rhodium	103-1	28842242	28689969	28304136	28612116	0.97	cps
Rhodium	103-2	16669451	16230494	16507529	16469158	1.35	cps
Scandium	45-1	15380211	15068441	14961206	15136619	1.44	cps
Scandium	45-2	1329656	1314955	1325036	1323216	0.57	cps
Selenium	82-1	1455	1467	1414	1445	1.90	cps
Selenium	77-2	17	67	50	44	57.28	cps
Selenium	78-2	520	587	570	559	6.21	cps
Silicon	28-1	3961244	4103883	4114615	4059914	2.11	cps
Silver	107-1	1970	2084	1897	1983	4.74	cps
Silver	109-1	1733	1857	1807	1799	3.45	cps
Sodium	23-2	50733	50028	49847	50203	0.93	cps
Strontium	86-1	28187	28551	28361	28366	0.64	cps
Strontium	88-1	238002	243904	246224	242710	1.75	cps
Sulfur	34-1	193144	194258	191791	193064	0.64	cps
Terbium	159-1	35749680	35539021	35051869	35446857	1.01	cps
Terbium	159-2	21302263	21204884	21673070	21393405	1.15	cps
Thallium	203-1	1090	1070	1057	1072	1.56	cps
Thallium	205-1	2450	2324	2304	2359	3.37	cps
Tin	118-1	8667	8099	7816	8194	5.29	cps
Titanium	47-1	164448	168149	170906	167834	1.93	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 05:49:12	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4317	4824	4441	4527	5.84	cps
Vanadium	51-2	82306	82809	83077	82731	0.47	cps
Yttrium	89-1	39504242	38944479	38972160	39140294	0.81	cps
Yttrium	89-2	9775070	9611871	9820634	9735859	1.13	cps
Zinc	66-2	39649	38931	39589	39390	1.01	cps
Zirconium	90-1	32593	32790	33017	32800	0.65	cps
Zirconium	91-1	7088	7335	7665	7363	3.93	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:52:26	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5101616	4998936	5043004	5047852	1.02	cps
Antimony	121-1	400180	406231	407178	404530	0.94	cps
Arsenic	75-2	78312	78858	79850	79006	0.99	cps
Barium	135-1	2587202	2543129	2557864	2562732	0.88	cps
Barium	137-1	4313458	4377006	4385463	4358643	0.90	cps
Beryllium	9-1	16420	16759	17015	16731	1.78	cps
Bismuth	209-1	20268078	19864533	19884825	20005812	1.14	cps
Bismuth	209-2	14472581	14397741	14143897	14338073	1.20	cps
Bromine	81-1	20568	19700	19810	20026	2.36	cps
Bromine	81-2	537	553	437	509	12.40	cps
Cadmium	108-1	3831	3714	3781	3775	1.55	cps
Cadmium	106-1	14988	15085	14574	14882	1.82	cps
Cadmium	111-1	55941	56279	55837	56019	0.41	cps
Calcium	43-1	122268	123131	122355	122585	0.39	cps
Calcium	44-1	1963617	1952456	1966842	1960971	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	541474	539186	540161	540273	0.21	cps
Cobalt	59-2	1660629	1677330	1660673	1666211	0.58	cps
Copper	63-2	2016973	1978708	1963411	1986364	1.39	cps
Dysprosium	156-1	50089	50527	49594	50070	0.93	cps
Dysprosium	156-2	38255	38503	38506	38421	0.37	cps
Erbium	164-1	37270	37731	37453	37485	0.62	cps
Erbium	164-2	23587	23119	22678	23128	1.96	cps
Gadolinium	160-1	46192	46858	46831	46627	0.81	cps
Gadolinium	160-2	31452	31612	31101	31388	0.83	cps
Holmium	165-1	34977573	35210063	34735265	34974300	0.68	cps
Holmium	165-2	21242816	21578477	21445665	21422319	0.79	cps
Indium	115-1	30045160	29773935	29511398	29776831	0.90	cps
Indium	115-2	9650525	9765358	9656028	9690637	0.67	cps
Iron	56-2	236564356	237381050	235536783	236494063	0.39	cps
Iron	57-2	5836872	5815113	5808274	5820086	0.26	cps
Iron	54-2	12971608	13106364	13034559	13037510	0.52	cps
Krypton	83-1	470	467	537	491	8.04	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:52:26	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	744377	750656	754834	749956	0.70	cps
Lead	207-1	659856	663744	668581	664060	0.66	cps
Lead	208-1	3011290	3020499	3018064	3016618	0.16	cps
Lithium	6-1	2872813	2822555	2820888	2838752	1.04	cps
Magnesium	24-2	3854633	3834333	3815464	3834810	0.51	cps
Manganese	55-2	4781774	4782192	4677536	4747167	1.27	cps
Molybdenum	94-1	60996	62101	61676	61591	0.90	cps
Molybdenum	95-1	5274	5224	5524	5341	3.01	cps
Molybdenum	96-1	17864	17577	18572	18005	2.84	cps
Molybdenum	97-1	3344	3164	3250	3253	2.77	cps
Molybdenum	98-1	8116	8422	8613	8384	2.99	cps
Neodymium	150-1	99871	98877	98810	99186	0.60	cps
Neodymium	150-2	52986	53136	52962	53028	0.18	cps
Nickel	60-2	424918	422836	421531	423095	0.40	cps
Phosphorus	31-2	14243	13399	13539	13727	3.30	cps
Potassium	39-2	2214777	2235063	2247264	2232368	0.74	cps
Rhodium	103-1	28761501	28456097	28649564	28622387	0.54	cps
Rhodium	103-2	16521530	16583271	16346711	16483837	0.74	cps
Scandium	45-1	15407216	15390595	15387890	15395234	0.07	cps
Scandium	45-2	1346945	1321273	1336705	1334974	0.97	cps
Selenium	82-1	7780	7925	7615	7773	1.99	cps
Selenium	77-2	717	887	847	817	10.88	cps
Selenium	78-2	2497	2894	2647	2679	7.48	cps
Silicon	28-1	15834949	16355844	15715401	15968732	2.13	cps
Silver	107-1	223571	224645	223792	224003	0.25	cps
Silver	109-1	213929	214856	216913	215232	0.71	cps
Sodium	23-2	89921	89656	89964	89847	0.19	cps
Strontium	86-1	142051	144602	143252	143302	0.89	cps
Strontium	88-1	1238892	1250330	1247667	1245630	0.48	cps
Sulfur	34-1	195078	193768	189715	192854	1.45	cps
Terbium	159-1	36144261	35989275	36206486	36113341	0.31	cps
Terbium	159-2	21654537	21711206	21341656	21569133	0.92	cps
Thallium	203-1	168586	170230	168770	169195	0.53	cps
Thallium	205-1	399128	403721	403504	402117	0.64	cps
Tin	118-1	23887	23302	23616	23602	1.24	cps
Titanium	47-1	860176	866176	859585	861979	0.42	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:52:26	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23097	23150	23447	23231	0.81	cps
Vanadium	51-2	1098396	1082157	1077776	1086110	1.00	cps
Yttrium	89-1	40240299	39808507	39648582	39899129	0.77	cps
Yttrium	89-2	9890570	9907377	9802262	9866736	0.57	cps
Zinc	66-2	334509	337043	335130	335561	0.39	cps
Zirconium	90-1	159775	160678	160829	160427	0.36	cps
Zirconium	91-1	35142	35991	36048	35727	1.42	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:55:30	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5349259	5290716	5313158	5317711	0.56	cps
Antimony	121-1	1769064	1796495	1828326	1797962	1.65	cps
Arsenic	75-2	103890	105236	104280	104469	0.66	cps
Barium	135-1	9253643	9376482	9390319	9340148	0.81	cps
Barium	137-1	16016244	16314508	16453967	16261573	1.38	cps
Beryllium	9-1	73160	76186	74969	74772	2.04	cps
Bismuth	209-1	19703366	19908114	19761618	19791032	0.53	cps
Bismuth	209-2	13983479	13986704	14165146	14045110	0.74	cps
Bromine	81-1	18939	19376	19239	19185	1.17	cps
Bromine	81-2	393	463	463	440	9.19	cps
Cadmium	108-1	16162	16016	16373	16184	1.11	cps
Cadmium	106-1	31634	32249	31765	31883	1.02	cps
Cadmium	111-1	231963	236957	236274	235064	1.15	cps
Calcium	43-1	113453	116425	115781	115220	1.36	cps
Calcium	44-1	1881821	1917957	1932117	1910632	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1715592	1670819	1701230	1695880	1.35	cps
Cobalt	59-2	7071477	7094908	7042900	7069762	0.37	cps
Copper	63-2	3598997	3687807	3626283	3637696	1.25	cps
Dysprosium	156-1	45808	46911	47413	46711	1.76	cps
Dysprosium	156-2	36073	36888	36264	36408	1.17	cps
Erbium	164-1	35111	35338	35271	35240	0.33	cps
Erbium	164-2	21951	22124	21827	21967	0.68	cps
Gadolinium	160-1	43447	44327	43949	43907	1.00	cps
Gadolinium	160-2	29668	29899	30667	30078	1.74	cps
Holmium	165-1	34163183	34348493	34732064	34414580	0.84	cps
Holmium	165-2	21147348	21014193	21092122	21084554	0.32	cps
Indium	115-1	28676414	29112585	29258384	29015795	1.04	cps
Indium	115-2	9532389	9461871	9319536	9437932	1.15	cps
Iron	56-2	227464517	227814777	225614497	226964597	0.52	cps
Iron	57-2	5723369	5651560	5608625	5661185	1.02	cps
Iron	54-2	12656638	12562424	12573088	12597383	0.41	cps
Krypton	83-1	440	457	507	468	7.42	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:55:30	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	908601	924229	921194	918008	0.90	cps
Lead	207-1	787100	807422	802190	798904	1.32	cps
Lead	208-1	3582310	3653893	3655959	3630721	1.16	cps
Lithium	6-1	2732373	2758877	2702233	2731161	1.04	cps
Magnesium	24-2	3637368	3621947	3659034	3639450	0.51	cps
Manganese	55-2	6502058	6522967	6485823	6503616	0.29	cps
Molybdenum	94-1	57154	61255	59443	59284	3.47	cps
Molybdenum	95-1	5161	5264	4981	5135	2.79	cps
Molybdenum	96-1	16910	17097	16716	16908	1.13	cps
Molybdenum	97-1	3074	3127	3304	3168	3.80	cps
Molybdenum	98-1	7829	8182	8046	8019	2.22	cps
Neodymium	150-1	92907	94235	96074	94406	1.68	cps
Neodymium	150-2	50065	49945	50166	50059	0.22	cps
Nickel	60-2	1679476	1692142	1663562	1678393	0.85	cps
Phosphorus	31-2	12655	12892	12669	12739	1.04	cps
Potassium	39-2	2108879	2094626	2105829	2103111	0.36	cps
Rhodium	103-1	27762470	27788157	28105370	27885333	0.68	cps
Rhodium	103-2	16322709	16103906	16182157	16202924	0.68	cps
Scandium	45-1	14918589	14873114	14977701	14923135	0.35	cps
Scandium	45-2	1314374	1338592	1300207	1317724	1.47	cps
Selenium	82-1	31342	31997	32047	31796	1.24	cps
Selenium	77-2	3114	2980	3107	3067	2.45	cps
Selenium	78-2	10310	10324	10447	10360	0.73	cps
Silicon	28-1	14531667	15088824	14876486	14832325	1.90	cps
Silver	107-1	1017557	1035749	1039967	1031091	1.15	cps
Silver	109-1	969163	986827	1001886	985959	1.66	cps
Sodium	23-2	87979	87162	87262	87468	0.51	cps
Strontium	86-1	130586	136374	134265	133742	2.19	cps
Strontium	88-1	1143466	1173654	1180017	1165712	1.68	cps
Sulfur	34-1	187130	184533	182876	184847	1.16	cps
Terbium	159-1	34780148	35041261	36389279	35403563	2.44	cps
Terbium	159-2	21211175	21239641	21112239	21187685	0.32	cps
Thallium	203-1	779249	794622	794079	789317	1.11	cps
Thallium	205-1	1793971	1844286	1840170	1826143	1.53	cps
Tin	118-1	21944	22995	22778	22572	2.46	cps
Titanium	47-1	792149	817821	815752	808574	1.76	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 05:55:30	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21818	22282	22139	22080	1.08	cps
Vanadium	51-2	3537945	3473330	3506575	3505950	0.92	cps
Yttrium	89-1	38638739	39326614	39593564	39186306	1.26	cps
Yttrium	89-2	9811098	9661136	9586065	9686099	1.18	cps
Zinc	66-2	858847	856261	849886	854998	0.54	cps
Zirconium	90-1	148917	152812	152735	151488	1.47	cps
Zirconium	91-1	33395	34554	34250	34066	1.76	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE4Y8	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 05:58:30	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10134379	10005662	10073970	10071337	0.64	cps
Antimony	121-1	40199	41195	41557	40984	1.72	cps
Arsenic	75-2	102924	103454	103253	103210	0.26	cps
Barium	135-1	1577811	1639492	1652693	1623332	2.46	cps
Barium	137-1	2736665	2856336	2865014	2819338	2.54	cps
Beryllium	9-1	1383	1650	1506	1513	8.82	cps
Bismuth	209-1	20153591	19918541	19928010	20000047	0.67	cps
Bismuth	209-2	14031866	13925392	14083189	14013482	0.57	cps
Bromine	81-1	20731	20321	20404	20485	1.06	cps
Bromine	81-2	877	957	927	920	4.39	cps
Cadmium	108-1	957	1123	1130	1070	9.18	cps
Cadmium	106-1	11878	11228	10891	11332	4.43	cps
Cadmium	111-1	14110	14221	14468	14266	1.28	cps
Calcium	43-1	265967	273396	274800	271388	1.75	cps
Calcium	44-1	4158681	4298069	4307651	4254800	1.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478841	478970	473298	477036	0.68	cps
Cobalt	59-2	517344	515927	519237	517503	0.32	cps
Copper	63-2	3087951	3039024	3122991	3083322	1.37	cps
Dysprosium	156-1	101997	105315	104751	104021	1.71	cps
Dysprosium	156-2	81012	79346	81200	80519	1.27	cps
Erbium	164-1	77446	81352	80662	79820	2.61	cps
Erbium	164-2	49802	50467	49420	49897	1.06	cps
Gadolinium	160-1	94073	97181	98617	96624	2.40	cps
Gadolinium	160-2	64762	65392	64578	64910	0.66	cps
Holmium	165-1	34772036	34171154	34637969	34527053	0.91	cps
Holmium	165-2	21302196	21268017	21101330	21223848	0.51	cps
Indium	115-1	29554864	28413840	28927646	28965450	1.97	cps
Indium	115-2	9450012	9374108	9331045	9385055	0.64	cps
Iron	56-2	483315646	478784393	472727406	478275815	1.11	cps
Iron	57-2	11923274	11843138	11823219	11863210	0.45	cps
Iron	54-2	26195234	26314290	26044975	26184833	0.52	cps
Krypton	83-1	610	583	537	577	6.44	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE4Y8	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 05:58:30	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1113136	1152013	1166489	1143879	2.41	cps
Lead	207-1	977468	1012405	1024258	1004710	2.42	cps
Lead	208-1	4415565	4575742	4604659	4531989	2.25	cps
Lithium	6-1	2815326	2770024	2694798	2760049	2.21	cps
Magnesium	24-2	8491841	8473714	8527666	8497740	0.32	cps
Manganese	55-2	8689562	8847489	8625378	8720810	1.31	cps
Molybdenum	94-1	134034	140126	140227	138129	2.57	cps
Molybdenum	95-1	9336	9353	9810	9500	2.83	cps
Molybdenum	96-1	36619	38056	37578	37418	1.96	cps
Molybdenum	97-1	5644	6118	6225	5996	5.15	cps
Molybdenum	98-1	14924	15235	15358	15172	1.47	cps
Neodymium	150-1	198136	204543	205674	202784	2.00	cps
Neodymium	150-2	109518	108172	108323	108671	0.68	cps
Nickel	60-2	208335	205961	202991	205762	1.30	cps
Phosphorus	31-2	26617	27071	27067	26918	0.97	cps
Potassium	39-2	4387402	4382395	4371827	4380541	0.18	cps
Rhodium	103-1	28415530	27836353	27528737	27926873	1.61	cps
Rhodium	103-2	16347220	16068026	16028077	16147774	1.08	cps
Scandium	45-1	15254449	15151909	14951018	15119125	1.02	cps
Scandium	45-2	1354335	1322823	1328136	1335098	1.26	cps
Selenium	82-1	1519	1524	1662	1568	5.19	cps
Selenium	77-2	367	337	347	350	4.36	cps
Selenium	78-2	887	913	950	917	3.47	cps
Silicon	28-1	28353217	29003647	29018352	28791739	1.32	cps
Silver	107-1	16970	16803	16853	16875	0.51	cps
Silver	109-1	15682	16099	15712	15831	1.47	cps
Sodium	23-2	140299	139959	138123	139460	0.84	cps
Strontium	86-1	357349	369553	371468	366123	2.09	cps
Strontium	88-1	3107988	3230160	3197868	3178672	1.99	cps
Sulfur	34-1	189503	185275	186614	187131	1.15	cps
Terbium	159-1	35883390	35239659	35691921	35604990	0.93	cps
Terbium	159-2	21325921	21266830	21281645	21291465	0.14	cps
Thallium	203-1	5778	6358	6432	6189	5.79	cps
Thallium	205-1	14354	14304	14067	14242	1.08	cps
Tin	118-1	33776	34612	34936	34441	1.74	cps
Titanium	47-1	1784142	1844320	1817443	1815302	1.66	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE4Y8	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 05:58:30	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48682	50254	51509	50148	2.82	cps
Vanadium	51-2	871300	863527	862484	865770	0.56	cps
Yttrium	89-1	40114904	39881690	39394777	39797124	0.92	cps
Yttrium	89-2	9866247	9877137	9779782	9841055	0.54	cps
Zinc	66-2	360840	360226	358561	359876	0.33	cps
Zirconium	90-1	349011	365450	365758	360073	2.66	cps
Zirconium	91-1	78743	81853	80814	80470	1.97	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE5B4	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 06:01:32	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7722632	7701728	7777335	7733898	0.50	cps
Antimony	121-1	50177	51201	50943	50774	1.05	cps
Arsenic	75-2	108355	106817	106790	107321	0.83	cps
Barium	135-1	3656847	3709137	3726714	3697566	0.98	cps
Barium	137-1	6225918	6404788	6362447	6331051	1.48	cps
Beryllium	9-1	1611	1811	1839	1754	7.09	cps
Bismuth	209-1	19810381	20421046	20382336	20204588	1.69	cps
Bismuth	209-2	14314348	14136447	14233618	14228138	0.63	cps
Bromine	81-1	19863	20942	20508	20438	2.65	cps
Bromine	81-2	783	700	770	751	5.96	cps
Cadmium	108-1	1117	1133	1177	1142	2.71	cps
Cadmium	106-1	11608	11061	11445	11371	2.47	cps
Cadmium	111-1	16758	16841	16892	16831	0.40	cps
Calcium	43-1	177121	177448	178958	177842	0.55	cps
Calcium	44-1	2759232	2841417	2829970	2810206	1.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478813	473223	473968	475335	0.64	cps
Cobalt	59-2	829112	824659	828352	827374	0.29	cps
Copper	63-2	3471018	3433835	3432929	3445927	0.63	cps
Dysprosium	156-1	95385	98472	97650	97169	1.65	cps
Dysprosium	156-2	75666	75314	74911	75297	0.50	cps
Erbium	164-1	72848	73341	73663	73284	0.56	cps
Erbium	164-2	45805	45036	45347	45396	0.85	cps
Gadolinium	160-1	86794	88634	87967	87798	1.06	cps
Gadolinium	160-2	57836	59335	57993	58388	1.41	cps
Holmium	165-1	34696624	35234295	35493589	35141503	1.16	cps
Holmium	165-2	21774521	21383825	21395166	21517838	1.03	cps
Indium	115-1	28832632	29322479	29457835	29204315	1.13	cps
Indium	115-2	9512047	9454699	9408089	9458279	0.55	cps
Iron	56-2	583507378	577967578	574712351	578729102	0.77	cps
Iron	57-2	14340096	14376284	14234659	14317013	0.51	cps
Iron	54-2	31986835	31938126	31592444	31839135	0.68	cps
Krypton	83-1	517	500	523	513	2.34	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE5B4	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 06:01:32	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1681278	1700735	1707123	1696378	0.79	cps
Lead	207-1	1469926	1512315	1516183	1499475	1.71	cps
Lead	208-1	6644158	6802887	6849052	6765365	1.59	cps
Lithium	6-1	2601478	2649843	2664788	2638703	1.25	cps
Magnesium	24-2	5025074	4945434	4927190	4965900	1.05	cps
Manganese	55-2	42285345	42200704	41922145	42136065	0.45	cps
Molybdenum	94-1	90125	90296	92446	90956	1.42	cps
Molybdenum	95-1	16182	16356	16453	16330	0.84	cps
Molybdenum	96-1	35500	36271	35316	35696	1.42	cps
Molybdenum	97-1	9263	9773	9420	9485	2.76	cps
Molybdenum	98-1	24531	24738	24187	24485	1.14	cps
Neodymium	150-1	183578	186726	187669	185991	1.15	cps
Neodymium	150-2	99126	99706	99038	99290	0.37	cps
Nickel	60-2	172692	171758	174280	172910	0.74	cps
Phosphorus	31-2	27281	27191	27445	27306	0.47	cps
Potassium	39-2	3958603	3916627	3870602	3915277	1.12	cps
Rhodium	103-1	27773559	28445954	28614634	28278049	1.57	cps
Rhodium	103-2	16534688	16227984	16253758	16338810	1.04	cps
Scandium	45-1	14917370	15247904	15249109	15138128	1.26	cps
Scandium	45-2	1367256	1314652	1341726	1341211	1.96	cps
Selenium	82-1	1697	1735	1720	1717	1.11	cps
Selenium	77-2	347	390	327	354	9.13	cps
Selenium	78-2	787	693	910	797	13.64	cps
Silicon	28-1	29003608	29566700	29376439	29315582	0.98	cps
Silver	107-1	24658	25282	25426	25122	1.63	cps
Silver	109-1	23703	24187	23709	23866	1.16	cps
Sodium	23-2	137464	137232	137107	137268	0.13	cps
Strontium	86-1	305106	304541	308526	306058	0.70	cps
Strontium	88-1	2636812	2654543	2659894	2650416	0.46	cps
Sulfur	34-1	193964	190555	190563	191694	1.03	cps
Terbium	159-1	34990602	36271982	36015450	35759345	1.90	cps
Terbium	159-2	21762599	21366386	21997236	21708740	1.47	cps
Thallium	203-1	7152	7142	7275	7190	1.03	cps
Thallium	205-1	16660	17258	17184	17034	1.91	cps
Tin	118-1	38782	38866	39454	39034	0.94	cps
Titanium	47-1	1844447	1840645	1813476	1832856	0.92	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE5B4	Dilution Factor :	2
Date & Time Acquired :	2024-11-11 06:01:32	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53939	54220	54243	54134	0.31	cps
Vanadium	51-2	988925	986893	977963	984594	0.59	cps
Yttrium	89-1	39149184	39902764	40419309	39823752	1.60	cps
Yttrium	89-2	9968412	9819461	9883104	9890325	0.76	cps
Zinc	66-2	375502	375809	373589	374967	0.32	cps
Zirconium	90-1	219057	221150	223935	221380	1.11	cps
Zirconium	91-1	49316	50112	50597	50008	1.29	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:04:36	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3518578	3549899	3498246	3522241	0.74	cps
Antimony	121-1	21276	21760	21897	21644	1.51	cps
Arsenic	75-2	61564	60821	61607	61330	0.72	cps
Barium	135-1	1106639	1113325	1114945	1111636	0.40	cps
Barium	137-1	1911742	1930392	1917372	1919835	0.50	cps
Beryllium	9-1	689	783	744	739	6.42	cps
Bismuth	209-1	20539737	20464002	20380005	20461248	0.39	cps
Bismuth	209-2	14405650	14404151	14173201	14327667	0.93	cps
Bromine	81-1	20034	20805	21172	20670	2.81	cps
Bromine	81-2	600	580	547	576	4.68	cps
Cadmium	108-1	513	570	493	526	7.57	cps
Cadmium	106-1	10197	10207	10410	10271	1.17	cps
Cadmium	111-1	7777	7388	7443	7536	2.79	cps
Calcium	43-1	155382	157753	155872	156336	0.80	cps
Calcium	44-1	2425696	2493994	2442942	2454211	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	228055	227140	229000	228065	0.41	cps
Cobalt	59-2	265906	265975	265457	265779	0.11	cps
Copper	63-2	1358313	1362059	1356075	1358816	0.22	cps
Dysprosium	156-1	36294	35408	36073	35925	1.28	cps
Dysprosium	156-2	28101	27921	27494	27839	1.12	cps
Erbium	164-1	26178	27320	26856	26785	2.14	cps
Erbium	164-2	16540	17007	16657	16735	1.45	cps
Gadolinium	160-1	31191	31592	32227	31670	1.65	cps
Gadolinium	160-2	21603	21042	21393	21346	1.33	cps
Holmium	165-1	35486614	35684409	35678768	35616597	0.32	cps
Holmium	165-2	21519591	21509374	21496316	21508427	0.05	cps
Indium	115-1	29996881	29926196	29829831	29917636	0.28	cps
Indium	115-2	9804490	9670081	9619676	9698082	0.99	cps
Iron	56-2	231119637	231860543	228366923	230449034	0.80	cps
Iron	57-2	5650809	5656697	5641532	5649679	0.14	cps
Iron	54-2	12592469	12465076	12572160	12543235	0.55	cps
Krypton	83-1	500	503	420	474	9.94	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:04:36	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	842914	839564	848894	843791	0.56	cps
Lead	207-1	743238	751912	746075	747075	0.59	cps
Lead	208-1	3340626	3410674	3394219	3381840	1.08	cps
Lithium	6-1	2669377	2703305	2684604	2685762	0.63	cps
Magnesium	24-2	2939402	2964114	2928380	2943966	0.62	cps
Manganese	55-2	11101574	11062650	11043397	11069207	0.27	cps
Molybdenum	94-1	45504	45437	46129	45690	0.84	cps
Molybdenum	95-1	7749	7622	8046	7805	2.79	cps
Molybdenum	96-1	17734	17724	17671	17710	0.19	cps
Molybdenum	97-1	4998	4627	4844	4823	3.86	cps
Molybdenum	98-1	12302	11858	12452	12204	2.53	cps
Neodymium	150-1	65598	66395	67156	66383	1.17	cps
Neodymium	150-2	36026	35097	35909	35677	1.42	cps
Nickel	60-2	100064	98666	98964	99231	0.74	cps
Phosphorus	31-2	13142	13122	12879	13048	1.12	cps
Potassium	39-2	1733717	1768633	1723760	1742037	1.35	cps
Rhodium	103-1	28856507	29063556	29150387	29023483	0.52	cps
Rhodium	103-2	16748369	16624115	16606219	16659568	0.46	cps
Scandium	45-1	15262731	15457400	15392137	15370756	0.64	cps
Scandium	45-2	1346618	1381357	1347571	1358515	1.46	cps
Selenium	82-1	1583	1562	1616	1587	1.71	cps
Selenium	77-2	97	150	153	133	23.85	cps
Selenium	78-2	600	650	727	659	9.68	cps
Silicon	28-1	20207912	20187514	20373682	20256369	0.50	cps
Silver	107-1	5815	5534	5581	5643	2.66	cps
Silver	109-1	5264	5511	5471	5416	2.45	cps
Sodium	23-2	86850	86645	86236	86577	0.36	cps
Strontium	86-1	138888	141451	139564	139968	0.95	cps
Strontium	88-1	1208546	1219299	1224903	1217582	0.68	cps
Sulfur	34-1	194707	191733	190721	192387	1.08	cps
Terbium	159-1	36141704	36700357	36115474	36319179	0.91	cps
Terbium	159-2	21990703	21765341	21719581	21825208	0.66	cps
Thallium	203-1	3454	3130	3137	3240	5.70	cps
Thallium	205-1	7859	7562	7879	7767	2.28	cps
Tin	118-1	20064	20234	20892	20397	2.14	cps
Titanium	47-1	680042	685214	685470	683575	0.45	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:04:36	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19060	19481	19645	19395	1.55	cps
Vanadium	51-2	419549	420840	414565	418318	0.79	cps
Yttrium	89-1	40104046	40017331	40439869	40187082	0.56	cps
Yttrium	89-2	9898232	9869068	9805799	9857700	0.48	cps
Zinc	66-2	183604	186518	183658	184593	0.90	cps
Zirconium	90-1	109713	112477	113182	111790	1.64	cps
Zirconium	91-1	24480	24167	25449	24699	2.71	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:07:43	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3585660	3566677	3556463	3569600	0.42	cps
Antimony	121-1	22204	22378	22918	22500	1.66	cps
Arsenic	75-2	62578	62986	62159	62574	0.66	cps
Barium	135-1	1109686	1109004	1117582	1112091	0.43	cps
Barium	137-1	1928082	1947249	1938939	1938090	0.50	cps
Beryllium	9-1	722	767	811	767	5.80	cps
Bismuth	209-1	20097524	20533805	20382836	20338055	1.09	cps
Bismuth	209-2	14332475	14158195	14181900	14224190	0.66	cps
Bromine	81-1	20865	21489	21529	21294	1.75	cps
Bromine	81-2	570	627	633	610	5.70	cps
Cadmium	108-1	543	580	583	569	3.90	cps
Cadmium	106-1	10587	10284	10380	10417	1.49	cps
Cadmium	111-1	7829	7385	7334	7516	3.63	cps
Calcium	43-1	159371	157979	160111	159154	0.68	cps
Calcium	44-1	2466034	2492939	2492689	2483887	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	234794	234591	233548	234311	0.29	cps
Cobalt	59-2	266140	265430	265508	265693	0.15	cps
Copper	63-2	1374941	1380689	1366023	1373884	0.54	cps
Dysprosium	156-1	35635	36220	36340	36065	1.05	cps
Dysprosium	156-2	28075	27266	27594	27645	1.47	cps
Erbium	164-1	27848	27534	27190	27524	1.20	cps
Erbium	164-2	16787	17004	17044	16945	0.82	cps
Gadolinium	160-1	31612	31749	32020	31794	0.65	cps
Gadolinium	160-2	21961	21777	21450	21729	1.19	cps
Holmium	165-1	34798400	35583227	35439566	35273731	1.18	cps
Holmium	165-2	21568850	21569707	21405270	21514609	0.44	cps
Indium	115-1	30101145	30057870	29772104	29977040	0.60	cps
Indium	115-2	9649205	9533103	9666912	9616407	0.76	cps
Iron	56-2	231994890	233764457	232199837	232653061	0.42	cps
Iron	57-2	5714552	5699525	5653477	5689185	0.56	cps
Iron	54-2	12746577	12695005	12607104	12682895	0.56	cps
Krypton	83-1	487	440	477	468	5.25	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:07:43	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	833365	851066	844567	842999	1.06	cps
Lead	207-1	740639	742591	745488	742906	0.33	cps
Lead	208-1	3375329	3384530	3400977	3386946	0.38	cps
Lithium	6-1	2643750	2694019	2623783	2653851	1.36	cps
Magnesium	24-2	2994877	2942799	2945076	2960917	0.99	cps
Manganese	55-2	10843248	10910372	10863801	10872474	0.32	cps
Molybdenum	94-1	45173	45681	45775	45543	0.71	cps
Molybdenum	95-1	7529	7562	7989	7693	3.34	cps
Molybdenum	96-1	17557	17584	17424	17522	0.49	cps
Molybdenum	97-1	4467	4701	4621	4596	2.58	cps
Molybdenum	98-1	12078	12075	11968	12041	0.52	cps
Neodymium	150-1	65702	67393	67246	66781	1.40	cps
Neodymium	150-2	35602	35729	35498	35609	0.32	cps
Nickel	60-2	98830	98722	98370	98641	0.24	cps
Phosphorus	31-2	13182	12662	12665	12837	2.33	cps
Potassium	39-2	1801998	1781874	1794642	1792838	0.57	cps
Rhodium	103-1	28742975	29093154	28410410	28748846	1.19	cps
Rhodium	103-2	16675996	16494563	16426787	16532449	0.78	cps
Scandium	45-1	15312761	15252207	15195478	15253482	0.38	cps
Scandium	45-2	1343237	1339249	1361817	1348101	0.89	cps
Selenium	82-1	1601	1675	1549	1609	3.92	cps
Selenium	77-2	160	117	163	147	17.75	cps
Selenium	78-2	603	647	667	639	5.07	cps
Silicon	28-1	20654081	20611991	20667360	20644477	0.14	cps
Silver	107-1	5705	5735	5945	5795	2.26	cps
Silver	109-1	5148	5418	5368	5311	2.71	cps
Sodium	23-2	84909	83971	84611	84497	0.57	cps
Strontium	86-1	138931	142373	139978	140427	1.26	cps
Strontium	88-1	1222157	1235389	1231869	1229805	0.56	cps
Sulfur	34-1	192810	191368	191041	191740	0.49	cps
Terbium	159-1	35917566	36656721	36114779	36229689	1.06	cps
Terbium	159-2	21743729	21331574	21829877	21635060	1.23	cps
Thallium	203-1	3390	3364	3327	3360	0.95	cps
Thallium	205-1	7972	8149	7819	7980	2.07	cps
Tin	118-1	20478	20231	20291	20333	0.63	cps
Titanium	47-1	691619	702398	700003	698007	0.81	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:07:43	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19214	20212	19404	19610	2.70	cps
Vanadium	51-2	426132	424787	422912	424610	0.38	cps
Yttrium	89-1	39647814	40190326	40283225	40040455	0.86	cps
Yttrium	89-2	9802376	9714296	9775608	9764094	0.46	cps
Zinc	66-2	189013	186505	185770	187096	0.91	cps
Zirconium	90-1	110482	114102	112698	112428	1.62	cps
Zirconium	91-1	24884	25021	25389	25098	1.04	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5B7L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 06:10:53	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	685541	681385	679873	682266	0.43	cps
Antimony	121-1	4114	4444	4107	4222	4.56	cps
Arsenic	75-2	11938	11725	11908	11857	0.97	cps
Barium	135-1	213366	214858	215080	214435	0.43	cps
Barium	137-1	369603	376137	373255	372998	0.88	cps
Beryllium	9-1	156	172	150	159	7.26	cps
Bismuth	209-1	19674124	20256818	19923286	19951409	1.47	cps
Bismuth	209-2	14443923	14189871	14036944	14223580	1.45	cps
Bromine	81-1	19994	20404	20391	20263	1.15	cps
Bromine	81-2	247	253	213	238	9.01	cps
Cadmium	108-1	153	107	113	124	20.28	cps
Cadmium	106-1	9803	9850	9553	9736	1.64	cps
Cadmium	111-1	2308	2200	2142	2217	3.81	cps
Calcium	43-1	31072	31219	31426	31239	0.57	cps
Calcium	44-1	531392	536248	544519	537386	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45605	44502	44893	45000	1.24	cps
Cobalt	59-2	51314	51662	52261	51745	0.93	cps
Copper	63-2	263810	266030	264757	264866	0.42	cps
Dysprosium	156-1	6762	6875	6718	6785	1.19	cps
Dysprosium	156-2	5264	5341	5488	5364	2.12	cps
Erbium	164-1	5248	5354	5304	5302	1.01	cps
Erbium	164-2	3140	3204	3400	3248	4.17	cps
Gadolinium	160-1	6051	6492	6268	6270	3.51	cps
Gadolinium	160-2	4901	4948	4974	4941	0.75	cps
Holmium	165-1	34239874	34526752	34262714	34343113	0.46	cps
Holmium	165-2	21610389	21141095	20925969	21225818	1.65	cps
Indium	115-1	29403865	29794157	29375053	29524358	0.79	cps
Indium	115-2	9694280	9653236	9606654	9651390	0.45	cps
Iron	56-2	44139591	43969586	44722333	44277170	0.89	cps
Iron	57-2	1141079	1137679	1139244	1139334	0.15	cps
Iron	54-2	2441048	2450875	2394815	2428913	1.23	cps
Krypton	83-1	413	437	400	417	4.45	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5B7L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 06:10:53	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	159515	162236	161114	160955	0.85	cps
Lead	207-1	141168	142307	143442	142306	0.80	cps
Lead	208-1	640727	651271	652942	648313	1.02	cps
Lithium	6-1	2630016	2671087	2665762	2655622	0.84	cps
Magnesium	24-2	564711	562345	555951	561002	0.81	cps
Manganese	55-2	2143642	2152727	2156519	2150962	0.31	cps
Molybdenum	94-1	9180	9600	9380	9386	2.24	cps
Molybdenum	95-1	1520	1557	1550	1542	1.27	cps
Molybdenum	96-1	3691	3671	3520	3627	2.56	cps
Molybdenum	97-1	980	1010	937	976	3.78	cps
Molybdenum	98-1	2467	2504	2307	2426	4.31	cps
Neodymium	150-1	12979	12983	12906	12956	0.33	cps
Neodymium	150-2	6748	6758	6758	6755	0.09	cps
Nickel	60-2	19907	19433	19716	19685	1.21	cps
Phosphorus	31-2	2730	2797	2837	2788	1.93	cps
Potassium	39-2	420957	421079	423861	421966	0.39	cps
Rhodium	103-1	28361950	28871665	28789729	28674448	0.95	cps
Rhodium	103-2	16749036	16444472	16342325	16511944	1.28	cps
Scandium	45-1	14744718	15175957	15219624	15046766	1.74	cps
Scandium	45-2	1317308	1323791	1321941	1321013	0.25	cps
Selenium	82-1	1473	1513	1527	1504	1.86	cps
Selenium	77-2	33	27	20	27	24.99	cps
Selenium	78-2	607	697	577	627	9.97	cps
Silicon	28-1	4918535	4984661	4919401	4940866	0.77	cps
Silver	107-1	1117	1277	1223	1206	6.76	cps
Silver	109-1	1010	1033	1020	1021	1.15	cps
Sodium	23-2	48082	49121	47944	48382	1.33	cps
Strontium	86-1	26891	28097	27937	27642	2.37	cps
Strontium	88-1	235554	238188	236465	236736	0.57	cps
Sulfur	34-1	187562	190808	189573	189314	0.87	cps
Terbium	159-1	35394664	35627326	35435955	35485982	0.35	cps
Terbium	159-2	21613229	21488549	21402081	21501286	0.49	cps
Thallium	203-1	960	1017	1010	996	3.11	cps
Thallium	205-1	2480	2364	2320	2388	3.47	cps
Tin	118-1	7219	7382	7032	7211	2.43	cps
Titanium	47-1	132090	133486	134031	133202	0.75	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5B7L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 06:10:53	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3771	3744	3664	3726	1.49	cps
Vanadium	51-2	80413	80935	79582	80310	0.85	cps
Yttrium	89-1	38760089	39467189	39507501	39244927	1.07	cps
Yttrium	89-2	9835730	9776456	9687333	9766506	0.76	cps
Zinc	66-2	36805	36388	36695	36629	0.59	cps
Zirconium	90-1	22497	22768	23693	22986	2.73	cps
Zirconium	91-1	5038	4891	5234	5054	3.41	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:14:04	DataFile Name :	138CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25886414	25897172	25743821	25842469	0.33	cps
Antimony	121-1	12502570	12723238	12705113	12643640	0.97	cps
Arsenic	75-2	694347	701589	698865	698267	0.52	cps
Barium	135-1	15217447	15281566	15482527	15327180	0.90	cps
Barium	137-1	25918520	26964729	26739355	26540868	2.07	cps
Beryllium	9-1	1045865	1048492	1095845	1063401	2.65	cps
Bismuth	209-1	18714587	18580079	18523450	18606039	0.53	cps
Bismuth	209-2	12684997	12878340	12852471	12805269	0.82	cps
Bromine	81-1	19603	18906	19466	19325	1.91	cps
Bromine	81-2	227	133	130	163	33.60	cps
Cadmium	108-1	247915	252671	255853	252146	1.58	cps
Cadmium	106-1	356485	366668	364235	362463	1.47	cps
Cadmium	111-1	3236049	3321206	3308907	3288721	1.40	cps
Calcium	43-1	15188692	15522434	15514870	15408665	1.24	cps
Calcium	44-1	263381047	269272672	270228485	267627401	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5101634	5086014	5120070	5102573	0.33	cps
Cobalt	59-2	9913866	9819460	9932950	9888759	0.61	cps
Copper	63-2	63192896	62872286	63260969	63108717	0.33	cps
Dysprosium	156-1	497	663	750	637	20.22	cps
Dysprosium	156-2	833	980	907	907	8.09	cps
Erbium	164-1	713	830	673	739	11.02	cps
Erbium	164-2	463	400	437	433	7.34	cps
Gadolinium	160-1	563	660	627	617	7.96	cps
Gadolinium	160-2	1360	1453	1377	1397	3.56	cps
Holmium	165-1	35267809	34872534	34164039	34768127	1.61	cps
Holmium	165-2	20966707	21159187	21137016	21087636	0.50	cps
Indium	115-1	28964046	28696368	28139244	28599886	1.47	cps
Indium	115-2	9271418	9317226	9283426	9290690	0.26	cps
Iron	56-2	1140497370	1134504276	1131210943	1135404196	0.41	cps
Iron	57-2	28239692	28266218	28487132	28331014	0.48	cps
Iron	54-2	61668001	61919081	61912331	61833137	0.23	cps
Krypton	83-1	547	467	400	471	15.59	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:14:04	DataFile Name :	138CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41391574	42138924	42274848	41935115	1.13	cps
Lead	207-1	36284284	36732735	36736532	36584517	0.71	cps
Lead	208-1	166335643	168602804	169648015	168195487	1.01	cps
Lithium	6-1	2887758	2829849	2814947	2844185	1.35	cps
Magnesium	24-2	222855463	225433863	223348143	223879157	0.61	cps
Manganese	55-2	38221289	38249872	38055856	38175672	0.27	cps
Molybdenum	94-1	44945619	46006793	46086863	45679758	1.39	cps
Molybdenum	95-1	65056134	67136097	66793364	66328532	1.68	cps
Molybdenum	96-1	71757091	72926817	72915739	72533216	0.93	cps
Molybdenum	97-1	40936831	41567062	41168487	41224127	0.77	cps
Molybdenum	98-1	104921075	106867195	106760122	106182797	1.03	cps
Neodymium	150-1	933	950	947	943	0.93	cps
Neodymium	150-2	223	293	243	253	14.23	cps
Nickel	60-2	2237914	2235812	2256500	2243408	0.51	cps
Phosphorus	31-2	263817	266540	264421	264926	0.54	cps
Potassium	39-2	130657111	131903371	132238285	131599589	0.63	cps
Rhodium	103-1	26714017	26405015	25927615	26348882	1.50	cps
Rhodium	103-2	14863545	14978815	15000729	14947696	0.49	cps
Scandium	45-1	15846471	15518109	15299701	15554760	1.77	cps
Scandium	45-2	1338717	1342967	1337455	1339713	0.22	cps
Selenium	82-1	198957	203428	205177	202520	1.58	cps
Selenium	77-2	19560	19820	19453	19611	0.96	cps
Selenium	78-2	65611	68089	67011	66904	1.86	cps
Silicon	28-1	7455681	7667833	7697017	7606844	1.73	cps
Silver	107-1	16737767	16779666	16927766	16815066	0.59	cps
Silver	109-1	15683661	16220709	16164160	16022844	1.84	cps
Sodium	23-2	348177448	355904635	356086928	353389670	1.28	cps
Strontium	86-1	4232383	4344675	4361399	4312819	1.63	cps
Strontium	88-1	37195073	37410077	38313259	37639469	1.58	cps
Sulfur	34-1	1185092	1219934	1216352	1207126	1.59	cps
Terbium	159-1	35773919	35830723	35596102	35733581	0.34	cps
Terbium	159-2	21289250	21279242	21411187	21326560	0.34	cps
Thallium	203-1	10278608	10474198	10326438	10359748	0.98	cps
Thallium	205-1	24869582	25181350	25377784	25142905	1.02	cps
Tin	118-1	10293436	10658471	10496104	10482670	1.74	cps
Titanium	47-1	14955641	15230345	15210496	15132161	1.01	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:14:04	DataFile Name :	138CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32868661	34243646	33892087	33668131	2.12	cps
Vanadium	51-2	4525402	4525387	4517138	4522643	0.11	cps
Yttrium	89-1	39708460	38621882	39242358	39190900	1.39	cps
Yttrium	89-2	9684839	9808587	9779227	9757551	0.66	cps
Zinc	66-2	9476376	9604563	9572202	9551047	0.70	cps
Zirconium	90-1	21847850	22384412	22446510	22226257	1.48	cps
Zirconium	91-1	4806097	4976690	5001584	4928124	2.16	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:16:47	DataFile Name :	139CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	387	390	377	384	1.80	cps
Antimony	121-1	4187	5561	7896	5881	31.88	cps
Arsenic	75-2	37	27	10	24	55.11	cps
Barium	135-1	833	533	357	574	41.95	cps
Barium	137-1	1523	833	553	970	51.47	cps
Beryllium	9-1	133	83	106	107	23.32	cps
Bismuth	209-1	19542322	19514413	19639036	19565257	0.33	cps
Bismuth	209-2	14161109	14254117	14098902	14171376	0.55	cps
Bromine	81-1	19103	18892	18759	18918	0.92	cps
Bromine	81-2	227	173	207	202	13.32	cps
Cadmium	108-1	47	30	43	40	22.05	cps
Cadmium	106-1	11018	10150	10481	10549	4.15	cps
Cadmium	111-1	1361	1175	1196	1244	8.21	cps
Calcium	43-1	1323	967	753	1014	28.39	cps
Calcium	44-1	59426	53123	49502	54017	9.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1903	1880	1860	1881	1.15	cps
Cobalt	59-2	540	495	577	537	7.61	cps
Copper	63-2	3074	3010	3064	3049	1.12	cps
Dysprosium	156-1	27	7	10	14	74.18	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	143	130	147	140	6.30	cps
Erbium	164-2	117	60	70	82	36.79	cps
Gadolinium	160-1	170	147	120	146	17.19	cps
Gadolinium	160-2	1073	1160	1090	1108	4.15	cps
Holmium	165-1	34364448	34153173	34282799	34266807	0.31	cps
Holmium	165-2	21444502	21174265	21225678	21281482	0.67	cps
Indium	115-1	30007747	30066208	29810017	29961324	0.45	cps
Indium	115-2	10043412	9725711	9806159	9858427	1.68	cps
Iron	56-2	39829	37868	36304	38000	4.65	cps
Iron	57-2	1940	2044	2087	2023	3.72	cps
Iron	54-2	4974	4804	4824	4868	1.91	cps
Krypton	83-1	483	377	420	427	12.57	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:16:47	DataFile Name :	139CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3541	2414	1787	2580	34.44	cps
Lead	207-1	3024	2020	1683	2242	31.09	cps
Lead	208-1	14136	9308	7421	10288	33.66	cps
Lithium	6-1	2989054	3004065	2946285	2979802	1.01	cps
Magnesium	24-2	6982	6335	6005	6440	7.72	cps
Manganese	55-2	840	777	803	807	3.94	cps
Molybdenum	94-1	4544	3781	3901	4075	10.08	cps
Molybdenum	95-1	4257	3144	2724	3375	23.48	cps
Molybdenum	96-1	4834	3620	3444	3966	19.08	cps
Molybdenum	97-1	2700	2017	1897	2205	19.66	cps
Molybdenum	98-1	6868	4904	4414	5396	24.07	cps
Neodymium	150-1	10	20	13	14	35.26	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	213	250	233	232	7.90	cps
Phosphorus	31-2	310	247	283	280	11.36	cps
Potassium	39-2	93287	94333	93240	93620	0.66	cps
Rhodium	103-1	28508222	28828646	29083170	28806680	1.00	cps
Rhodium	103-2	16687348	16729245	16404785	16607126	1.06	cps
Scandium	45-1	15713436	15761784	15843345	15772855	0.42	cps
Scandium	45-2	1368862	1376402	1368043	1371102	0.34	cps
Selenium	82-1	1451	1494	1541	1495	2.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	673	660	483	606	17.51	cps
Silicon	28-1	1273180	1302819	1280819	1285606	1.20	cps
Silver	107-1	1573	1060	923	1186	28.91	cps
Silver	109-1	1377	883	803	1021	30.41	cps
Sodium	23-2	44755	44517	43194	44155	1.91	cps
Strontium	86-1	1003	800	770	858	14.80	cps
Strontium	88-1	2154	1320	933	1469	42.45	cps
Sulfur	34-1	267303	268242	267452	267665	0.19	cps
Terbium	159-1	35088599	35352846	35230663	35224036	0.38	cps
Terbium	159-2	21810988	21448404	21352453	21537282	1.12	cps
Thallium	203-1	2277	1967	1737	1994	13.60	cps
Thallium	205-1	5585	4504	4107	4732	16.16	cps
Tin	118-1	4131	4619	3877	4209	8.95	cps
Titanium	47-1	1107	697	493	766	40.81	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:16:47	DataFile Name :	139CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1623	1027	597	1082	47.64	cps
Vanadium	51-2	87	100	37	74	44.85	cps
Yttrium	89-1	39671533	39439103	40081892	39730842	0.82	cps
Yttrium	89-2	10042179	9888989	9934993	9955387	0.79	cps
Zinc	66-2	817	757	807	793	4.05	cps
Zirconium	90-1	5358	5091	5825	5424	6.85	cps
Zirconium	91-1	1133	1057	1297	1162	10.55	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:20:02	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3844702	3716733	3786471	3782636	1.69	cps
Antimony	121-1	374207	383711	385230	381049	1.57	cps
Arsenic	75-2	70841	69481	71159	70494	1.26	cps
Barium	135-1	2846607	2912937	2889629	2883058	1.17	cps
Barium	137-1	4881188	4994225	5025161	4966858	1.53	cps
Beryllium	9-1	16409	15992	16264	16222	1.31	cps
Bismuth	209-1	20019104	19863347	19708839	19863763	0.78	cps
Bismuth	209-2	13991408	14216240	13991470	14066373	0.92	cps
Bromine	81-1	20354	21336	20578	20756	2.48	cps
Bromine	81-2	570	550	627	582	6.83	cps
Cadmium	108-1	3650	3554	3580	3595	1.39	cps
Cadmium	106-1	16112	15882	15582	15859	1.68	cps
Cadmium	111-1	52757	53892	53079	53242	1.10	cps
Calcium	43-1	161803	165357	166862	164674	1.58	cps
Calcium	44-1	2609763	2603533	2661534	2624943	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	551875	551280	542933	548696	0.91	cps
Cobalt	59-2	1701147	1688506	1689354	1693003	0.42	cps
Copper	63-2	1841973	1806472	1833402	1827282	1.01	cps
Dysprosium	156-1	35662	36133	36253	36016	0.87	cps
Dysprosium	156-2	28005	27647	28519	28057	1.56	cps
Erbium	164-1	25510	26332	26465	26102	1.98	cps
Erbium	164-2	16687	17000	16750	16812	0.99	cps
Gadolinium	160-1	30770	31325	30981	31025	0.90	cps
Gadolinium	160-2	21947	21510	21470	21642	1.22	cps
Holmium	165-1	34656762	34571133	34584912	34604269	0.13	cps
Holmium	165-2	21476624	21571919	21706238	21584927	0.53	cps
Indium	115-1	30364356	30846636	30339398	30516796	0.94	cps
Indium	115-2	10193596	10196625	10016746	10135655	1.02	cps
Iron	56-2	239461610	241193236	238750903	239801916	0.52	cps
Iron	57-2	5914661	5930379	5761658	5868899	1.59	cps
Iron	54-2	13109133	13144868	12940801	13064934	0.83	cps
Krypton	83-1	483	570	533	529	8.23	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:20:02	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	850565	864810	859555	858310	0.84	cps
Lead	207-1	748701	763673	759919	757431	1.03	cps
Lead	208-1	3420548	3483020	3422378	3441982	1.03	cps
Lithium	6-1	2994563	2836018	2888700	2906427	2.78	cps
Magnesium	24-2	3018925	2982280	3015567	3005591	0.67	cps
Manganese	55-2	12015879	12125533	11915618	12019010	0.87	cps
Molybdenum	94-1	46443	48480	49791	48238	3.50	cps
Molybdenum	95-1	8112	8229	8322	8221	1.28	cps
Molybdenum	96-1	17971	18552	19159	18561	3.20	cps
Molybdenum	97-1	4681	4984	5184	4950	5.12	cps
Molybdenum	98-1	12876	12872	12936	12895	0.28	cps
Neodymium	150-1	64882	66446	65575	65634	1.19	cps
Neodymium	150-2	34900	35829	35217	35315	1.34	cps
Nickel	60-2	429984	430332	430055	430124	0.04	cps
Phosphorus	31-2	13333	13586	13703	13541	1.40	cps
Potassium	39-2	1870590	1863558	1815279	1849809	1.63	cps
Rhodium	103-1	29457458	28994321	29245146	29232308	0.79	cps
Rhodium	103-2	16943873	17124271	16926416	16998186	0.64	cps
Scandium	45-1	16555481	16187936	16288822	16344079	1.16	cps
Scandium	45-2	1423760	1431209	1415120	1423363	0.57	cps
Selenium	82-1	8317	8178	8098	8198	1.35	cps
Selenium	77-2	700	737	820	752	8.17	cps
Selenium	78-2	3077	2664	2920	2887	7.23	cps
Silicon	28-1	21375222	21509529	21400953	21428568	0.33	cps
Silver	107-1	211624	217444	217485	215518	1.56	cps
Silver	109-1	202160	206766	207268	205398	1.37	cps
Sodium	23-2	97754	96211	99190	97719	1.52	cps
Strontium	86-1	139941	142404	142872	141739	1.11	cps
Strontium	88-1	1212561	1256114	1251188	1239954	1.92	cps
Sulfur	34-1	264661	258860	253045	258855	2.24	cps
Terbium	159-1	36175319	35683340	35708933	35855864	0.77	cps
Terbium	159-2	21932306	21778353	21768288	21826316	0.42	cps
Thallium	203-1	153377	157226	155723	155442	1.25	cps
Thallium	205-1	366861	370761	372786	370136	0.81	cps
Tin	118-1	20211	20224	20895	20444	1.91	cps
Titanium	47-1	705837	715964	715826	712542	0.82	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:20:02	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18753	18950	19037	18913	0.77	cps
Vanadium	51-2	1104898	1099945	1082708	1095850	1.06	cps
Yttrium	89-1	41170127	40997739	41350446	41172771	0.43	cps
Yttrium	89-2	10319899	10460765	10272656	10351107	0.95	cps
Zinc	66-2	328054	330314	333492	330620	0.83	cps
Zirconium	90-1	115688	120116	123195	119666	3.15	cps
Zirconium	91-1	26487	26811	27426	26908	1.77	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:23:08	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4404034	4363970	4339417	4369140	0.75	cps
Antimony	121-1	1867636	1857993	1862278	1862636	0.26	cps
Arsenic	75-2	102423	102625	102007	102352	0.31	cps
Barium	135-1	10235843	10243913	10324338	10268031	0.48	cps
Barium	137-1	17553681	17942689	17895741	17797371	1.19	cps
Beryllium	9-1	76884	76566	75007	76152	1.32	cps
Bismuth	209-1	19668380	19843908	19967199	19826496	0.76	cps
Bismuth	209-2	14270435	14200839	13986746	14152673	1.04	cps
Bromine	81-1	20448	20301	20711	20487	1.02	cps
Bromine	81-2	517	563	637	572	10.57	cps
Cadmium	108-1	16736	16917	17060	16904	0.96	cps
Cadmium	106-1	32984	33345	33017	33116	0.60	cps
Cadmium	111-1	238682	242128	245074	241961	1.32	cps
Calcium	43-1	162267	164662	165265	164065	0.97	cps
Calcium	44-1	2652966	2724498	2657370	2678278	1.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1788205	1831728	1814372	1811435	1.21	cps
Cobalt	59-2	7501676	7457940	7465249	7474955	0.31	cps
Copper	63-2	3721017	3671672	3636319	3676336	1.16	cps
Dysprosium	156-1	36133	36036	35572	35914	0.84	cps
Dysprosium	156-2	28542	28108	28178	28276	0.82	cps
Erbium	164-1	26185	27303	26228	26572	2.39	cps
Erbium	164-2	17147	16850	16196	16731	2.91	cps
Gadolinium	160-1	30764	31646	31522	31311	1.53	cps
Gadolinium	160-2	21784	21777	21250	21603	1.42	cps
Holmium	165-1	34817734	34976428	34203729	34665964	1.18	cps
Holmium	165-2	21390344	21709554	21463279	21521059	0.78	cps
Indium	115-1	30485813	30715878	30544331	30582008	0.39	cps
Indium	115-2	9795358	9923038	9690984	9803126	1.19	cps
Iron	56-2	246263390	244594656	244421650	245093232	0.41	cps
Iron	57-2	6124308	6054752	5926192	6035084	1.67	cps
Iron	54-2	13395274	13476573	13249017	13373621	0.86	cps
Krypton	83-1	463	463	560	496	11.26	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:23:08	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1076735	1086843	1095926	1086501	0.88	cps
Lead	207-1	938635	946556	960340	948511	1.16	cps
Lead	208-1	4248050	4329987	4327338	4301792	1.08	cps
Lithium	6-1	2875032	2803183	2764385	2814200	1.99	cps
Magnesium	24-2	3007031	3024651	3026629	3019437	0.36	cps
Manganese	55-2	14231829	14352410	14112161	14232133	0.84	cps
Molybdenum	94-1	45634	46982	48169	46928	2.70	cps
Molybdenum	95-1	8076	8479	8266	8274	2.44	cps
Molybdenum	96-1	17611	18482	18198	18097	2.46	cps
Molybdenum	97-1	4667	4828	5074	4856	4.22	cps
Molybdenum	98-1	12722	13386	13163	13090	2.58	cps
Neodymium	150-1	66141	67028	67082	66750	0.79	cps
Neodymium	150-2	35959	35077	35294	35443	1.30	cps
Nickel	60-2	1804192	1791462	1770207	1788620	0.96	cps
Phosphorus	31-2	14500	13513	13216	13743	4.89	cps
Potassium	39-2	1849289	1835956	1826685	1837310	0.62	cps
Rhodium	103-1	29038308	29162420	29041396	29080708	0.24	cps
Rhodium	103-2	16874869	17023475	16791302	16896548	0.70	cps
Scandium	45-1	15853534	15906142	15672094	15810590	0.78	cps
Scandium	45-2	1375634	1426060	1379173	1393622	2.02	cps
Selenium	82-1	33631	33979	34127	33913	0.75	cps
Selenium	77-2	3137	3240	3110	3163	2.17	cps
Selenium	78-2	11101	11448	11428	11326	1.72	cps
Silicon	28-1	21100582	21050374	20991741	21047566	0.26	cps
Silver	107-1	1056193	1081596	1079022	1072270	1.30	cps
Silver	109-1	1015562	1021388	1032094	1023015	0.82	cps
Sodium	23-2	99911	99291	99405	99535	0.33	cps
Strontium	86-1	144178	145019	144406	144534	0.30	cps
Strontium	88-1	1258565	1268625	1272989	1266726	0.58	cps
Sulfur	34-1	233148	227349	221688	227395	2.52	cps
Terbium	159-1	36002887	35755256	35657129	35805091	0.50	cps
Terbium	159-2	22090765	21912346	21650406	21884506	1.01	cps
Thallium	203-1	784828	796459	799655	793648	0.98	cps
Thallium	205-1	1847616	1867783	1860215	1858538	0.55	cps
Tin	118-1	20792	21156	21186	21044	1.04	cps
Titanium	47-1	707226	713466	716530	712407	0.67	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5B7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:23:08	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19524	20092	19588	19735	1.58	cps
Vanadium	51-2	3775967	3745945	3709593	3743835	0.89	cps
Yttrium	89-1	40700224	41014089	41102086	40938800	0.52	cps
Yttrium	89-2	10117494	10297696	10153098	10189429	0.94	cps
Zinc	66-2	935443	935171	930352	933655	0.31	cps
Zirconium	90-1	113679	116951	116544	115725	1.54	cps
Zirconium	91-1	25753	26771	26177	26234	1.95	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:26:05	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6851148	6822441	6681181	6784923	1.34	cps
Antimony	121-1	10921	11648	11641	11404	3.67	cps
Arsenic	75-2	44172	44316	43948	44145	0.42	cps
Barium	135-1	971016	980700	983751	978489	0.68	cps
Barium	137-1	1678836	1691428	1685540	1685268	0.37	cps
Beryllium	9-1	1072	1061	1172	1102	5.55	cps
Bismuth	209-1	19998480	19871381	20124538	19998133	0.63	cps
Bismuth	209-2	14054323	14168206	14227853	14150127	0.62	cps
Bromine	81-1	21890	23195	22624	22570	2.90	cps
Bromine	81-2	990	1010	980	993	1.54	cps
Cadmium	108-1	370	370	320	353	8.17	cps
Cadmium	106-1	10744	10254	10557	10518	2.35	cps
Cadmium	111-1	4372	4563	4506	4480	2.19	cps
Calcium	43-1	249795	251690	251796	251094	0.45	cps
Calcium	44-1	3880934	3908091	3938692	3909239	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	293979	295145	291233	293452	0.68	cps
Cobalt	59-2	310885	313571	309356	311271	0.69	cps
Copper	63-2	753883	745489	745340	748238	0.65	cps
Dysprosium	156-1	60590	59706	60891	60396	1.02	cps
Dysprosium	156-2	47282	47741	47396	47473	0.50	cps
Erbium	164-1	46337	47009	48046	47130	1.83	cps
Erbium	164-2	28867	29595	29227	29229	1.25	cps
Gadolinium	160-1	56316	56383	57012	56570	0.68	cps
Gadolinium	160-2	38643	38403	39027	38691	0.81	cps
Holmium	165-1	34578182	34853300	34777279	34736254	0.41	cps
Holmium	165-2	21437086	21647809	21685248	21590048	0.62	cps
Indium	115-1	30050866	30163187	30304148	30172734	0.42	cps
Indium	115-2	9838454	9908888	9705327	9817556	1.05	cps
Iron	56-2	259968496	258185563	253040216	257064758	1.40	cps
Iron	57-2	6433027	6297398	6358718	6363048	1.07	cps
Iron	54-2	14050589	14112065	14006244	14056299	0.38	cps
Krypton	83-1	487	523	463	491	6.16	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:26:05	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	296449	301674	301110	299744	0.96	cps
Lead	207-1	253577	257731	256174	255827	0.82	cps
Lead	208-1	1167606	1190453	1189471	1182510	1.09	cps
Lithium	6-1	2792426	2788627	2770846	2783966	0.41	cps
Magnesium	24-2	5243588	5325557	5308783	5292643	0.82	cps
Manganese	55-2	5649894	5697223	5669395	5672171	0.42	cps
Molybdenum	94-1	68824	68104	69203	68710	0.81	cps
Molybdenum	95-1	4948	4707	4627	4761	3.50	cps
Molybdenum	96-1	19243	19353	19086	19227	0.70	cps
Molybdenum	97-1	2980	2920	2880	2927	1.72	cps
Molybdenum	98-1	7465	7775	7889	7710	2.84	cps
Neodymium	150-1	116064	117025	118248	117112	0.93	cps
Neodymium	150-2	63901	63763	62802	63489	0.94	cps
Nickel	60-2	128824	129049	129180	129018	0.14	cps
Phosphorus	31-2	19716	19055	19009	19260	2.05	cps
Potassium	39-2	3444056	3499651	3410705	3451471	1.30	cps
Rhodium	103-1	28900368	29087030	28823330	28936910	0.47	cps
Rhodium	103-2	16981489	17001105	16838954	16940516	0.52	cps
Scandium	45-1	15912463	15970999	15961736	15948399	0.20	cps
Scandium	45-2	1402159	1448829	1421720	1424236	1.65	cps
Selenium	82-1	1767	1624	1691	1694	4.22	cps
Selenium	77-2	207	207	257	223	12.93	cps
Selenium	78-2	783	827	763	791	4.09	cps
Silicon	28-1	21683551	21769316	22177116	21876661	1.21	cps
Silver	107-1	4534	4577	4431	4514	1.67	cps
Silver	109-1	4384	4267	4221	4291	1.96	cps
Sodium	23-2	135957	137692	155306	142985	7.49	cps
Strontium	86-1	237570	242729	243728	241342	1.37	cps
Strontium	88-1	2089147	2068384	2114448	2090660	1.10	cps
Sulfur	34-1	219020	216132	209634	214929	2.24	cps
Terbium	159-1	35908724	35944114	35816882	35889907	0.18	cps
Terbium	159-2	21571768	22012633	21750376	21778259	1.02	cps
Thallium	203-1	3577	3497	3437	3504	2.01	cps
Thallium	205-1	8563	8293	8259	8372	1.99	cps
Tin	118-1	21302	21833	22288	21808	2.26	cps
Titanium	47-1	888993	898736	905109	897613	0.90	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:26:05	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27011	26921	26476	26803	1.07	cps
Vanadium	51-2	460376	459315	459159	459617	0.14	cps
Yttrium	89-1	40989484	41026234	41141632	41052450	0.19	cps
Yttrium	89-2	10408762	10344532	10313493	10355595	0.47	cps
Zinc	66-2	152722	153284	151603	152536	0.56	cps
Zirconium	90-1	177701	182181	182354	180746	1.46	cps
Zirconium	91-1	39543	40733	40021	40099	1.49	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:29:14	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6757592	6858093	6718685	6778123	1.06	cps
Antimony	121-1	10421	10664	10707	10597	1.46	cps
Arsenic	75-2	45586	44436	43637	44553	2.20	cps
Barium	135-1	964782	987265	985804	979284	1.28	cps
Barium	137-1	1673648	1686895	1702801	1687782	0.86	cps
Beryllium	9-1	994	1050	1072	1039	3.86	cps
Bismuth	209-1	20396488	20288411	20146016	20276972	0.62	cps
Bismuth	209-2	14294244	14322339	14124188	14246924	0.75	cps
Bromine	81-1	22878	23255	23669	23267	1.70	cps
Bromine	81-2	943	1003	987	978	3.17	cps
Cadmium	108-1	340	387	427	384	11.28	cps
Cadmium	106-1	10484	10671	10471	10542	1.06	cps
Cadmium	111-1	4393	4503	4349	4415	1.80	cps
Calcium	43-1	247581	252663	252519	250921	1.15	cps
Calcium	44-1	3848138	3907833	3888741	3881571	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	293684	291925	293095	292901	0.31	cps
Cobalt	59-2	310526	310880	308635	310014	0.39	cps
Copper	63-2	757410	751305	744754	751156	0.84	cps
Dysprosium	156-1	59505	61126	60844	60492	1.43	cps
Dysprosium	156-2	46520	46400	46868	46596	0.52	cps
Erbium	164-1	46587	46758	47895	47080	1.51	cps
Erbium	164-2	29615	29050	29257	29307	0.97	cps
Gadolinium	160-1	55556	55687	56707	55983	1.13	cps
Gadolinium	160-2	38539	38209	38503	38417	0.47	cps
Holmium	165-1	35581506	35249529	35195253	35342096	0.59	cps
Holmium	165-2	21852832	21982194	21851802	21895609	0.34	cps
Indium	115-1	31160791	30735021	30584278	30826697	0.97	cps
Indium	115-2	10153137	9865246	9826592	9948325	1.79	cps
Iron	56-2	256583976	256664490	257123850	256790772	0.11	cps
Iron	57-2	6393603	6247133	6313713	6318150	1.16	cps
Iron	54-2	14238957	14157629	14066564	14154383	0.61	cps
Krypton	83-1	513	520	547	527	3.35	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:29:14	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	292487	299027	297923	296479	1.18	cps
Lead	207-1	251332	255165	257650	254716	1.25	cps
Lead	208-1	1161995	1181993	1184290	1176093	1.04	cps
Lithium	6-1	2858398	2804027	2806484	2822970	1.09	cps
Magnesium	24-2	5279101	5301106	5221141	5267116	0.78	cps
Manganese	55-2	5644152	5651968	5559540	5618553	0.91	cps
Molybdenum	94-1	67310	68328	70032	68557	2.01	cps
Molybdenum	95-1	4764	4988	4751	4834	2.75	cps
Molybdenum	96-1	18465	18672	18619	18585	0.58	cps
Molybdenum	97-1	3014	2934	3017	2988	1.58	cps
Molybdenum	98-1	7292	7659	7575	7509	2.56	cps
Neodymium	150-1	115015	117512	117770	116766	1.30	cps
Neodymium	150-2	62491	62006	62129	62209	0.41	cps
Nickel	60-2	128576	128565	128626	128589	0.03	cps
Phosphorus	31-2	19072	19175	19643	19297	1.58	cps
Potassium	39-2	3436242	3437578	3465665	3446495	0.48	cps
Rhodium	103-1	30017706	29765775	29803600	29862360	0.45	cps
Rhodium	103-2	17332863	17024738	17005491	17121031	1.07	cps
Scandium	45-1	16572410	16150672	16118048	16280377	1.56	cps
Scandium	45-2	1434794	1438001	1418066	1430287	0.75	cps
Selenium	82-1	1621	1707	1682	1670	2.64	cps
Selenium	77-2	243	293	260	266	9.59	cps
Selenium	78-2	810	867	790	822	4.84	cps
Silicon	28-1	21529552	21770822	21655381	21651918	0.56	cps
Silver	107-1	4021	4204	4007	4077	2.70	cps
Silver	109-1	3794	3864	3761	3806	1.39	cps
Sodium	23-2	133725	134707	134084	134172	0.37	cps
Strontium	86-1	237920	240340	239415	239225	0.51	cps
Strontium	88-1	2048029	2132472	2112358	2097620	2.10	cps
Sulfur	34-1	204958	199735	196797	200497	2.06	cps
Terbium	159-1	37284040	36503200	36443266	36743502	1.28	cps
Terbium	159-2	22096341	21964132	21897530	21986001	0.46	cps
Thallium	203-1	3504	3507	3360	3457	2.42	cps
Thallium	205-1	7862	8306	8263	8144	3.00	cps
Tin	118-1	19927	20368	20618	20304	1.72	cps
Titanium	47-1	882961	898048	894748	891919	0.89	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:29:14	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26426	27539	26723	26896	2.14	cps
Vanadium	51-2	461206	458352	460380	459980	0.32	cps
Yttrium	89-1	42585648	41843901	41753323	42060957	1.09	cps
Yttrium	89-2	10461694	10428846	10297272	10395937	0.84	cps
Zinc	66-2	152210	152401	150678	151763	0.62	cps
Zirconium	90-1	176451	178872	180035	178453	1.02	cps
Zirconium	91-1	39600	39406	40188	39731	1.03	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4P2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 06:32:22	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1351933	1331112	1320994	1334680	1.18	cps
Antimony	121-1	2070	2414	2520	2335	10.07	cps
Arsenic	75-2	8843	8729	8836	8803	0.72	cps
Barium	135-1	192232	192194	193706	192711	0.45	cps
Barium	137-1	328543	333103	337798	333148	1.39	cps
Beryllium	9-1	206	272	283	254	16.58	cps
Bismuth	209-1	19946699	21427078	19168351	20180709	5.69	cps
Bismuth	209-2	14340675	14526380	14425068	14430708	0.64	cps
Bromine	81-1	20868	20905	21155	20976	0.74	cps
Bromine	81-2	257	307	387	317	20.71	cps
Cadmium	108-1	100	103	103	102	1.88	cps
Cadmium	106-1	10477	10604	9356	10146	6.77	cps
Cadmium	111-1	1774	1780	1680	1744	3.20	cps
Calcium	43-1	49638	50788	50875	50434	1.37	cps
Calcium	44-1	844219	848933	858664	850605	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59446	58627	58931	59001	0.70	cps
Cobalt	59-2	61262	61774	61971	61669	0.59	cps
Copper	63-2	150424	149320	150269	150004	0.40	cps
Dysprosium	156-1	11752	11925	11982	11886	1.01	cps
Dysprosium	156-2	9337	9080	9290	9235	1.48	cps
Erbium	164-1	9183	9106	9290	9193	1.00	cps
Erbium	164-2	5798	5581	6045	5808	3.99	cps
Gadolinium	160-1	11068	11165	11054	11096	0.54	cps
Gadolinium	160-2	8329	8719	8363	8470	2.55	cps
Holmium	165-1	35014766	37553214	33825865	35464615	5.37	cps
Holmium	165-2	21918371	21727550	21796061	21813994	0.44	cps
Indium	115-1	30569445	32966707	29566797	31034317	5.63	cps
Indium	115-2	10036292	9976568	10169617	10060825	0.98	cps
Iron	56-2	50962084	50012641	49868328	50281018	1.18	cps
Iron	57-2	1306228	1293276	1301221	1300241	0.50	cps
Iron	54-2	2794506	2766378	2802295	2787726	0.68	cps
Krypton	83-1	517	510	480	502	3.89	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4P2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 06:32:22	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	58646	59603	59875	59375	1.09	cps
Lead	207-1	51290	50196	51915	51134	1.70	cps
Lead	208-1	234077	234681	237324	235361	0.73	cps
Lithium	6-1	2781290	2943980	2659420	2794897	5.11	cps
Magnesium	24-2	1030673	1031221	1033949	1031948	0.17	cps
Manganese	55-2	1126329	1116471	1121475	1121425	0.44	cps
Molybdenum	94-1	13940	14397	14017	14118	1.73	cps
Molybdenum	95-1	1010	1020	1017	1016	0.50	cps
Molybdenum	96-1	3887	3994	3931	3937	1.36	cps
Molybdenum	97-1	743	693	637	691	7.72	cps
Molybdenum	98-1	1677	1677	1610	1655	2.33	cps
Neodymium	150-1	22421	22097	22538	22352	1.02	cps
Neodymium	150-2	12169	12279	12209	12219	0.46	cps
Nickel	60-2	25542	25695	25622	25620	0.30	cps
Phosphorus	31-2	3964	3891	4057	3971	2.10	cps
Potassium	39-2	786910	781146	787050	785035	0.43	cps
Rhodium	103-1	29489408	31789277	28325121	29867935	5.90	cps
Rhodium	103-2	17081531	16999561	17091567	17057553	0.30	cps
Scandium	45-1	15915546	17188886	15462038	16188823	5.53	cps
Scandium	45-2	1426397	1413782	1436259	1425480	0.79	cps
Selenium	82-1	1413	1512	1423	1449	3.78	cps
Selenium	77-2	63	53	37	51	26.35	cps
Selenium	78-2	653	633	753	680	9.46	cps
Silicon	28-1	5361491	5397327	5505036	5421285	1.38	cps
Silver	107-1	1060	923	1007	997	6.91	cps
Silver	109-1	797	813	953	854	10.07	cps
Sodium	23-2	61864	60592	61602	61353	1.09	cps
Strontium	86-1	46741	47941	48961	47881	2.32	cps
Strontium	88-1	410300	409844	412809	410984	0.39	cps
Sulfur	34-1	183929	182006	186098	184011	1.11	cps
Terbium	159-1	36155227	38633679	34431629	36406845	5.80	cps
Terbium	159-2	22056027	22080306	22150476	22095603	0.22	cps
Thallium	203-1	1130	1000	1093	1075	6.24	cps
Thallium	205-1	2600	2657	2687	2648	1.66	cps
Tin	118-1	7329	7449	7369	7382	0.83	cps
Titanium	47-1	175120	177383	178102	176868	0.88	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4P2L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 06:32:22	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4981	5318	5214	5171	3.34	cps
Vanadium	51-2	90674	89594	90536	90268	0.65	cps
Yttrium	89-1	40958516	43531589	39378474	41289526	5.08	cps
Yttrium	89-2	10312482	10327187	10310803	10316824	0.09	cps
Zinc	66-2	31974	32231	32793	32333	1.29	cps
Zirconium	90-1	37632	38029	37230	37630	1.06	cps
Zirconium	91-1	8536	8209	8186	8310	2.36	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:35:36	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6957177	6854756	6839422	6883785	0.93	cps
Antimony	121-1	468005	484274	487804	480028	2.20	cps
Arsenic	75-2	54566	54543	54068	54392	0.52	cps
Barium	135-1	3065902	3218276	3185111	3156430	2.54	cps
Barium	137-1	5305221	5557864	5517016	5460034	2.48	cps
Beryllium	9-1	19357	19646	19479	19494	0.75	cps
Bismuth	209-1	19779953	20176359	19775146	19910486	1.16	cps
Bismuth	209-2	14115489	14191911	14284024	14197141	0.59	cps
Bromine	81-1	23105	24197	23793	23698	2.33	cps
Bromine	81-2	930	940	820	897	7.43	cps
Cadmium	108-1	4207	4611	4441	4420	4.58	cps
Cadmium	106-1	15655	16346	16156	16052	2.22	cps
Cadmium	111-1	61341	65639	64693	63891	3.53	cps
Calcium	43-1	245347	253646	254087	251027	1.96	cps
Calcium	44-1	3808717	3933881	3971536	3904711	2.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	685962	684304	682399	684222	0.26	cps
Cobalt	59-2	2078936	2075074	2082333	2078781	0.17	cps
Copper	63-2	1307868	1297615	1305705	1303729	0.41	cps
Dysprosium	156-1	59198	60366	60258	59941	1.08	cps
Dysprosium	156-2	46667	47075	47293	47012	0.68	cps
Erbium	164-1	44578	46203	46681	45820	2.41	cps
Erbium	164-2	28900	28669	29254	28941	1.02	cps
Gadolinium	160-1	54054	56272	56865	55730	2.66	cps
Gadolinium	160-2	38366	38590	37460	38139	1.57	cps
Holmium	165-1	34849738	35586559	35106670	35180989	1.06	cps
Holmium	165-2	21843967	22121601	22008081	21991216	0.63	cps
Indium	115-1	30433677	30714473	30868590	30672247	0.72	cps
Indium	115-2	10050021	10015248	10038178	10034482	0.18	cps
Iron	56-2	259216689	260033903	258711436	259320676	0.26	cps
Iron	57-2	6490652	6360022	6398633	6416435	1.05	cps
Iron	54-2	14414896	14334206	14113039	14287380	1.09	cps
Krypton	83-1	590	517	580	562	7.07	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:35:36	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	346358	355613	358929	353634	1.84	cps
Lead	207-1	299817	309813	308010	305880	1.74	cps
Lead	208-1	1385024	1418186	1423523	1408911	1.48	cps
Lithium	6-1	2857781	2874079	2791397	2841086	1.54	cps
Magnesium	24-2	5313481	5315563	5283447	5304164	0.34	cps
Manganese	55-2	6347458	6365907	6277920	6330428	0.73	cps
Molybdenum	94-1	64207	66282	66433	65641	1.90	cps
Molybdenum	95-1	5038	4881	4754	4891	2.90	cps
Molybdenum	96-1	18121	18422	19026	18523	2.49	cps
Molybdenum	97-1	2947	3107	2964	3006	2.93	cps
Molybdenum	98-1	7599	7535	7829	7654	2.02	cps
Neodymium	150-1	112925	116459	116658	115347	1.82	cps
Neodymium	150-2	62498	62745	61835	62359	0.75	cps
Nickel	60-2	536134	536791	537460	536795	0.12	cps
Phosphorus	31-2	19693	19960	19429	19694	1.35	cps
Potassium	39-2	3498571	3490149	3497599	3495440	0.13	cps
Rhodium	103-1	29050096	29495059	29425525	29323560	0.82	cps
Rhodium	103-2	17259613	17124622	17137201	17173812	0.43	cps
Scandium	45-1	15987998	16480969	16259001	16242656	1.52	cps
Scandium	45-2	1479062	1470387	1450585	1466678	1.00	cps
Selenium	82-1	6541	6769	6876	6729	2.54	cps
Selenium	77-2	697	743	727	722	3.27	cps
Selenium	78-2	2574	2337	2360	2424	5.38	cps
Silicon	28-1	20042342	20541239	20870219	20484600	2.03	cps
Silver	107-1	257972	264936	261628	261512	1.33	cps
Silver	109-1	242395	251848	253638	249293	2.42	cps
Sodium	23-2	127849	128890	128508	128415	0.41	cps
Strontium	86-1	228146	237193	237694	234345	2.29	cps
Strontium	88-1	2022003	2067636	2113331	2067656	2.21	cps
Sulfur	34-1	199298	197874	193191	196788	1.62	cps
Terbium	159-1	35359289	36379025	36174529	35970948	1.50	cps
Terbium	159-2	21906093	21868952	21915143	21896729	0.11	cps
Thallium	203-1	195583	202696	202412	200230	2.01	cps
Thallium	205-1	467240	479397	478581	475073	1.43	cps
Tin	118-1	19934	20628	20395	20319	1.74	cps
Titanium	47-1	855353	885567	885261	875393	1.98	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:35:36	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25728	26817	26236	26260	2.07	cps
Vanadium	51-2	1305117	1301128	1277090	1294445	1.17	cps
Yttrium	89-1	41460880	42422418	42329856	42071051	1.26	cps
Yttrium	89-2	10671044	10570918	10393845	10545269	1.33	cps
Zinc	66-2	325651	327477	328692	327273	0.47	cps
Zirconium	90-1	165586	172483	172814	170294	2.40	cps
Zirconium	91-1	36987	39129	38073	38063	2.81	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:38:39	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7695913	7549887	7574808	7606869	1.03	cps
Antimony	121-1	2013925	2039796	2070055	2041259	1.38	cps
Arsenic	75-2	87597	85860	87586	87014	1.15	cps
Barium	135-1	10567788	10635684	10712497	10638656	0.68	cps
Barium	137-1	18383857	18496673	18516332	18465621	0.39	cps
Beryllium	9-1	79675	82490	80513	80893	1.79	cps
Bismuth	209-1	20316341	20142269	20327205	20261938	0.51	cps
Bismuth	209-2	14176468	14249372	14101941	14175927	0.52	cps
Bromine	81-1	24270	24227	24370	24289	0.30	cps
Bromine	81-2	870	957	920	916	4.75	cps
Cadmium	108-1	17741	17714	18038	17831	1.01	cps
Cadmium	106-1	35393	34905	35293	35197	0.73	cps
Cadmium	111-1	255926	262054	261249	259743	1.28	cps
Calcium	43-1	254475	256873	257595	256314	0.64	cps
Calcium	44-1	4051014	4084727	4090956	4075566	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1964335	1972523	1953187	1963348	0.49	cps
Cobalt	59-2	7895247	8010045	7870183	7925158	0.94	cps
Copper	63-2	3216993	3183365	3154145	3184834	0.99	cps
Dysprosium	156-1	61179	61858	61755	61598	0.59	cps
Dysprosium	156-2	47450	46925	47781	47385	0.91	cps
Erbium	164-1	46504	47146	47986	47212	1.57	cps
Erbium	164-2	30239	29287	29281	29603	1.86	cps
Gadolinium	160-1	57561	57129	58083	57591	0.83	cps
Gadolinium	160-2	38937	39472	38509	38973	1.24	cps
Holmium	165-1	35657034	35452298	35907167	35672166	0.64	cps
Holmium	165-2	21833902	21712604	21603278	21716595	0.53	cps
Indium	115-1	31213028	30816824	30915043	30981631	0.67	cps
Indium	115-2	10093124	10131937	10001143	10075401	0.67	cps
Iron	56-2	269172376	268367409	270007349	269182378	0.30	cps
Iron	57-2	6688047	6626941	6607666	6640884	0.63	cps
Iron	54-2	14911478	14733684	14676209	14773790	0.83	cps
Krypton	83-1	520	537	547	534	2.52	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:38:39	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	573633	578955	580189	577592	0.60	cps
Lead	207-1	485902	495416	497921	493080	1.29	cps
Lead	208-1	2272129	2294328	2302980	2289812	0.69	cps
Lithium	6-1	2819449	2806938	2717125	2781170	2.01	cps
Magnesium	24-2	5421814	5297358	5376529	5365234	1.17	cps
Manganese	55-2	8785627	8770692	8672877	8743066	0.70	cps
Molybdenum	94-1	67635	67993	67953	67861	0.29	cps
Molybdenum	95-1	5028	5084	5038	5050	0.60	cps
Molybdenum	96-1	19076	19577	19800	19484	1.90	cps
Molybdenum	97-1	2984	3370	3317	3224	6.50	cps
Molybdenum	98-1	7559	8446	7996	8000	5.54	cps
Neodymium	150-1	117754	120224	119874	119284	1.12	cps
Neodymium	150-2	63777	63482	62498	63252	1.06	cps
Nickel	60-2	1942210	1928225	1899948	1923461	1.12	cps
Phosphorus	31-2	19376	19276	19202	19284	0.45	cps
Potassium	39-2	3491336	3457607	3466218	3471721	0.50	cps
Rhodium	103-1	30151590	29974228	29809726	29978515	0.57	cps
Rhodium	103-2	17317967	17094216	16980437	17130873	1.00	cps
Scandium	45-1	16452001	16284940	16446031	16394324	0.58	cps
Scandium	45-2	1441743	1428106	1429531	1433127	0.52	cps
Selenium	82-1	37175	37266	37110	37183	0.21	cps
Selenium	77-2	3597	3557	3550	3568	0.71	cps
Selenium	78-2	12429	12048	12142	12206	1.62	cps
Silicon	28-1	20728247	20881484	21031803	20880511	0.73	cps
Silver	107-1	1123187	1143533	1130512	1132411	0.91	cps
Silver	109-1	1083705	1092417	1093501	1089874	0.49	cps
Sodium	23-2	138503	137128	136341	137324	0.80	cps
Strontium	86-1	243077	243803	243165	243348	0.16	cps
Strontium	88-1	2093381	2139500	2108871	2113917	1.11	cps
Sulfur	34-1	195186	193387	190012	192862	1.36	cps
Terbium	159-1	36371779	36553899	36677750	36534476	0.42	cps
Terbium	159-2	22161010	21915670	22231724	22102801	0.75	cps
Thallium	203-1	844014	852035	866728	854259	1.35	cps
Thallium	205-1	1957018	2024306	1996596	1992640	1.70	cps
Tin	118-1	23226	23112	23222	23187	0.28	cps
Titanium	47-1	895489	902853	905245	901196	0.56	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4521-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4P2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 06:38:39	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26643	27642	27275	27187	1.86	cps
Vanadium	51-2	4051366	4026384	4005857	4027869	0.57	cps
Yttrium	89-1	42423931	42636299	42476670	42512300	0.26	cps
Yttrium	89-2	10592828	10561772	10461874	10538824	0.65	cps
Zinc	66-2	917453	912251	915001	914902	0.28	cps
Zirconium	90-1	175478	176800	176024	176101	0.38	cps
Zirconium	91-1	38881	39453	39650	39328	1.02	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BL	Instrumnet Name :	P7
Client Sample ID :	PBS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:41:39	DataFile Name :	147CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	553	467	497	506	8.71	cps
Antimony	121-1	420	370	597	462	25.77	cps
Arsenic	75-2	10	20	13	14	35.26	cps
Barium	135-1	1030	753	1438	1074	32.05	cps
Barium	137-1	1737	1037	1908	1560	29.57	cps
Beryllium	9-1	44	33	50	43	19.93	cps
Bismuth	209-1	20680968	20648709	20349765	20559814	0.89	cps
Bismuth	209-2	14692460	14752440	14570897	14671933	0.63	cps
Bromine	81-1	19770	20164	20214	20049	1.21	cps
Bromine	81-2	127	103	147	126	17.28	cps
Cadmium	108-1	50	33	17	33	50.00	cps
Cadmium	106-1	10597	10174	9727	10166	4.28	cps
Cadmium	111-1	1112	1068	1052	1077	2.89	cps
Calcium	43-1	510	477	413	467	10.52	cps
Calcium	44-1	43422	42691	42127	42746	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1543	1477	1567	1529	3.06	cps
Cobalt	59-2	527	488	465	493	6.31	cps
Copper	63-2	2154	2297	2157	2202	3.72	cps
Dysprosium	156-1	3	30	23	19	73.49	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	133	163	147	148	10.17	cps
Erbium	164-2	100	73	80	84	16.44	cps
Gadolinium	160-1	200	150	187	179	14.47	cps
Gadolinium	160-2	1123	1027	1207	1119	8.05	cps
Holmium	165-1	36239979	36139345	35475250	35951525	1.16	cps
Holmium	165-2	22218021	21929160	22018566	22055249	0.67	cps
Indium	115-1	32872792	32409357	31988561	32423570	1.36	cps
Indium	115-2	10586143	10364800	10183897	10378280	1.94	cps
Iron	56-2	34202	33207	31673	33027	3.86	cps
Iron	57-2	2164	1923	1877	1988	7.74	cps
Iron	54-2	4221	4464	4131	4272	4.04	cps
Krypton	83-1	393	517	497	469	14.12	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BL	Instrumnet Name :	P7
Client Sample ID :	PBS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:41:39	DataFile Name :	147CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1257	1047	1123	1142	9.30	cps
Lead	207-1	1100	1027	1087	1071	3.65	cps
Lead	208-1	4900	4377	4484	4587	6.03	cps
Lithium	6-1	2844058	2792945	2842251	2826418	1.03	cps
Magnesium	24-2	6001	6038	5951	5997	0.73	cps
Manganese	55-2	570	703	517	597	16.11	cps
Molybdenum	94-1	623	697	1407	909	47.63	cps
Molybdenum	95-1	87	70	1452	536	147.91	cps
Molybdenum	96-1	280	193	2264	913	128.37	cps
Molybdenum	97-1	63	60	690	271	133.83	cps
Molybdenum	98-1	123	113	1850	695	143.73	cps
Neodymium	150-1	13	23	23	20	28.87	cps
Neodymium	150-2	10	17	7	11	45.82	cps
Nickel	60-2	307	310	317	311	1.64	cps
Phosphorus	31-2	230	203	203	212	7.25	cps
Potassium	39-2	89155	90255	88720	89377	0.89	cps
Rhodium	103-1	31318981	30938872	30910536	31056130	0.73	cps
Rhodium	103-2	17731030	17552824	17611127	17631660	0.52	cps
Scandium	45-1	16983706	16686386	16614774	16761622	1.17	cps
Scandium	45-2	1484647	1474215	1446840	1468567	1.33	cps
Selenium	82-1	1682	1488	1536	1569	6.44	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	657	673	727	686	5.33	cps
Silicon	28-1	1325531	1323183	1347810	1332175	1.02	cps
Silver	107-1	443	390	600	478	22.86	cps
Silver	109-1	487	357	383	409	16.79	cps
Sodium	23-2	40276	39758	39297	39777	1.23	cps
Strontium	86-1	870	730	747	782	9.78	cps
Strontium	88-1	540	490	453	494	8.80	cps
Sulfur	34-1	181956	183308	182178	182481	0.40	cps
Terbium	159-1	37833735	37052576	37211300	37365871	1.10	cps
Terbium	159-2	22460578	22219031	22117334	22265647	0.79	cps
Thallium	203-1	940	877	980	932	5.59	cps
Thallium	205-1	2430	2297	2414	2380	3.05	cps
Tin	118-1	3671	3557	3611	3613	1.57	cps
Titanium	47-1	400	370	317	362	11.65	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BL	Instrumnet Name :	P7
Client Sample ID :	PBS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:41:39	DataFile Name :	147CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43	43	90	59	45.76	cps
Vanadium	51-2	107	123	120	117	7.56	cps
Yttrium	89-1	43634341	43008151	42770481	43137658	1.03	cps
Yttrium	89-2	10686792	10632686	10578400	10632626	0.51	cps
Zinc	66-2	560	540	567	556	2.50	cps
Zirconium	90-1	1743	1777	1777	1766	1.09	cps
Zirconium	91-1	317	387	367	357	10.11	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BS	Instrumnet Name :	P7
Client Sample ID :	LCS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:44:54	DataFile Name :	148LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24319	24496	24056	24290	0.91	cps
Antimony	121-1	117687	119192	117297	118059	0.85	cps
Arsenic	75-2	3277	3437	3334	3349	2.42	cps
Barium	135-1	139873	140603	139051	139843	0.56	cps
Barium	137-1	243044	244845	244387	244092	0.38	cps
Beryllium	9-1	4962	4784	4717	4821	2.62	cps
Bismuth	209-1	20994376	20795661	20414012	20734683	1.42	cps
Bismuth	209-2	14252703	14481676	14394328	14376235	0.80	cps
Bromine	81-1	18852	18882	19056	18930	0.58	cps
Bromine	81-2	107	110	103	107	3.13	cps
Cadmium	108-1	1277	1090	1043	1137	10.86	cps
Cadmium	106-1	12515	11671	11611	11933	4.24	cps
Cadmium	111-1	16428	16896	16677	16667	1.40	cps
Calcium	43-1	73919	74465	73380	73921	0.73	cps
Calcium	44-1	1299359	1284453	1254248	1279353	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51916	51765	52197	51959	0.42	cps
Cobalt	59-2	47183	46588	46065	46612	1.20	cps
Copper	63-2	64351	64371	65318	64680	0.85	cps
Dysprosium	156-1	23	30	37	30	22.23	cps
Dysprosium	156-2	33	33	7	24	62.97	cps
Erbium	164-1	163	130	150	148	11.36	cps
Erbium	164-2	77	67	110	84	26.87	cps
Gadolinium	160-1	190	180	163	178	7.58	cps
Gadolinium	160-2	1100	1147	1080	1109	3.09	cps
Holmium	165-1	36461588	36391077	35352257	36068307	1.72	cps
Holmium	165-2	21889661	21838896	21970031	21899530	0.30	cps
Indium	115-1	32731596	32239489	31429462	32133516	2.05	cps
Indium	115-2	10430460	10321969	10364301	10372244	0.53	cps
Iron	56-2	4486192	4459587	4457333	4467704	0.36	cps
Iron	57-2	117458	117028	118389	117625	0.59	cps
Iron	54-2	260480	258242	260063	259595	0.46	cps
Krypton	83-1	377	453	467	432	11.24	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BS	Instrumnet Name :	P7
Client Sample ID :	LCS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:44:54	DataFile Name :	148LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41072	40992	41283	41115	0.37	cps
Lead	207-1	36064	36085	35587	35912	0.78	cps
Lead	208-1	165663	166055	165815	165844	0.12	cps
Lithium	6-1	3004173	2861028	2887510	2917570	2.61	cps
Magnesium	24-2	1045109	1040587	1035508	1040401	0.46	cps
Manganese	55-2	19413	19092	18735	19080	1.78	cps
Molybdenum	94-1	126275	126235	126911	126474	0.30	cps
Molybdenum	95-1	151875	153320	151272	152156	0.69	cps
Molybdenum	96-1	169378	170426	170039	169948	0.31	cps
Molybdenum	97-1	96170	95016	95053	95413	0.69	cps
Molybdenum	98-1	244906	246804	246079	245930	0.39	cps
Neodymium	150-1	10	20	20	17	34.64	cps
Neodymium	150-2	17	7	10	11	45.82	cps
Nickel	60-2	11351	11024	11188	11188	1.46	cps
Phosphorus	31-2	183	223	230	212	11.89	cps
Potassium	39-2	1354931	1339815	1337607	1344118	0.70	cps
Rhodium	103-1	32001921	31605389	30563460	31390257	2.37	cps
Rhodium	103-2	17393622	17393938	17284983	17357514	0.36	cps
Scandium	45-1	17275534	17217039	16560119	17017564	2.33	cps
Scandium	45-2	1450748	1447881	1451535	1450054	0.13	cps
Selenium	82-1	6725	6384	6505	6538	2.64	cps
Selenium	77-2	463	500	457	473	4.93	cps
Selenium	78-2	2254	2280	2290	2275	0.83	cps
Silicon	28-1	1587852	1604945	1598981	1597259	0.54	cps
Silver	107-1	78879	80351	80867	80032	1.29	cps
Silver	109-1	74929	76671	75787	75796	1.15	cps
Sodium	23-2	1698631	1673063	1670829	1680841	0.92	cps
Strontium	86-1	19423	19503	19450	19459	0.21	cps
Strontium	88-1	165290	167390	167043	166574	0.68	cps
Sulfur	34-1	200085	204856	209553	204831	2.31	cps
Terbium	159-1	38128986	37713154	36368044	37403395	2.46	cps
Terbium	159-2	22272638	22135773	21938615	22115675	0.76	cps
Thallium	203-1	50386	49296	49403	49695	1.21	cps
Thallium	205-1	118722	120030	118525	119093	0.69	cps
Tin	118-1	4224	4077	4471	4257	4.67	cps
Titanium	47-1	35832	36317	35782	35977	0.82	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BS	Instrumnet Name :	P7
Client Sample ID :	LCS624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:44:54	DataFile Name :	148LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	148918	148797	148474	148730	0.15	cps
Vanadium	51-2	107684	104663	105962	106103	1.43	cps
Yttrium	89-1	44139424	43677708	42082131	43299754	2.49	cps
Yttrium	89-2	10449843	10390373	10449631	10429949	0.33	cps
Zinc	66-2	24677	25145	25008	24943	0.96	cps
Zirconium	90-1	105384	107785	105119	106096	1.38	cps
Zirconium	91-1	23779	23823	23459	23687	0.84	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:48:09	DataFile Name :	149LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13373	12879	13126	13126	1.88	cps
Antimony	121-1	60493	60570	61417	60827	0.84	cps
Arsenic	75-2	1827	1773	1857	1819	2.32	cps
Barium	135-1	70956	73954	70651	71853	2.54	cps
Barium	137-1	124621	124970	125131	124907	0.21	cps
Beryllium	9-1	2434	2434	2645	2504	4.87	cps
Bismuth	209-1	21414819	21307263	20276715	20999599	2.99	cps
Bismuth	209-2	14601158	14500574	14349686	14483806	0.87	cps
Bromine	81-1	18936	19259	19313	19169	1.06	cps
Bromine	81-2	110	107	97	104	6.64	cps
Cadmium	108-1	633	610	730	658	9.67	cps
Cadmium	106-1	11318	11722	10884	11308	3.70	cps
Cadmium	111-1	9453	9504	9527	9495	0.40	cps
Calcium	43-1	38018	39802	38469	38763	2.39	cps
Calcium	44-1	702614	712277	709336	708076	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27168	27699	26684	27183	1.87	cps
Cobalt	59-2	24136	24164	23997	24099	0.37	cps
Copper	63-2	35459	35546	35582	35529	0.18	cps
Dysprosium	156-1	20	20	27	22	17.33	cps
Dysprosium	156-2	30	20	7	19	61.96	cps
Erbium	164-1	127	150	153	143	10.14	cps
Erbium	164-2	97	60	90	82	23.76	cps
Gadolinium	160-1	160	243	193	199	21.09	cps
Gadolinium	160-2	1207	1123	1123	1151	4.18	cps
Holmium	165-1	36802550	37559810	36069521	36810627	2.02	cps
Holmium	165-2	22159822	22194764	21740875	22031820	1.15	cps
Indium	115-1	32519879	33387600	32160353	32689278	1.93	cps
Indium	115-2	10401202	10340630	10328243	10356692	0.38	cps
Iron	56-2	2344967	2334218	2320632	2333273	0.52	cps
Iron	57-2	61221	62335	61696	61751	0.91	cps
Iron	54-2	135751	136730	134569	135683	0.80	cps
Krypton	83-1	450	433	477	453	4.82	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:48:09	DataFile Name :	149LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21717	21290	21584	21530	1.02	cps
Lead	207-1	18640	18813	19043	18832	1.08	cps
Lead	208-1	86010	85713	86645	86123	0.55	cps
Lithium	6-1	3064366	3101898	2953374	3039879	2.54	cps
Magnesium	24-2	541758	543453	537479	540897	0.57	cps
Manganese	55-2	10187	10357	10284	10276	0.83	cps
Molybdenum	94-1	64759	65077	65241	65026	0.38	cps
Molybdenum	95-1	78331	78543	78435	78436	0.13	cps
Molybdenum	96-1	88006	87278	88613	87966	0.76	cps
Molybdenum	97-1	49293	49480	49738	49503	0.45	cps
Molybdenum	98-1	125927	127168	127446	126847	0.64	cps
Neodymium	150-1	17	7	17	13	43.29	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	5841	5838	6018	5899	1.75	cps
Phosphorus	31-2	190	227	283	233	20.15	cps
Potassium	39-2	771872	770379	765628	769293	0.42	cps
Rhodium	103-1	32111998	32609979	31199397	31973791	2.24	cps
Rhodium	103-2	17653516	17600617	17328249	17527461	1.00	cps
Scandium	45-1	17641075	17836052	17140271	17539133	2.05	cps
Scandium	45-2	1450374	1458520	1439492	1449462	0.66	cps
Selenium	82-1	4224	4203	4087	4171	1.77	cps
Selenium	77-2	243	217	250	237	7.45	cps
Selenium	78-2	1443	1447	1450	1447	0.23	cps
Silicon	28-1	1513370	1502371	1493638	1503126	0.66	cps
Silver	107-1	40132	41028	41509	40890	1.71	cps
Silver	109-1	37492	39400	39260	38717	2.75	cps
Sodium	23-2	861272	868987	861985	864081	0.49	cps
Strontium	86-1	10667	10214	10617	10499	2.37	cps
Strontium	88-1	86157	87062	86771	86663	0.53	cps
Sulfur	34-1	222273	227484	225956	225238	1.19	cps
Terbium	159-1	37542829	37785913	36554949	37294564	1.75	cps
Terbium	159-2	22259156	22071311	21744705	22025057	1.18	cps
Thallium	203-1	25434	25751	25287	25491	0.93	cps
Thallium	205-1	60752	61415	61194	61120	0.55	cps
Tin	118-1	3891	4057	3877	3942	2.55	cps
Titanium	47-1	18738	18768	18745	18751	0.08	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164624BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD624	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:48:09	DataFile Name :	149LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	74346	75609	73840	74598	1.22	cps
Vanadium	51-2	54689	54819	54602	54703	0.20	cps
Yttrium	89-1	44853926	44600411	43383759	44279365	1.77	cps
Yttrium	89-2	10707512	10564723	10499596	10590610	1.00	cps
Zinc	66-2	15678	15909	15605	15731	1.01	cps
Zirconium	90-1	54839	54959	55668	55155	0.81	cps
Zirconium	91-1	12382	11668	12122	12057	3.00	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BL	Instrumnet Name :	P7
Client Sample ID :	PBS625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:51:22	DataFile Name :	150CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	743	720	667	710	5.54	cps
Antimony	121-1	147	217	187	183	19.16	cps
Arsenic	75-2	10	10	17	12	31.50	cps
Barium	135-1	153	160	107	140	20.76	cps
Barium	137-1	217	173	183	191	11.87	cps
Beryllium	9-1	61	11	22	31	83.40	cps
Bismuth	209-1	20768503	20342606	19994130	20368413	1.90	cps
Bismuth	209-2	14328334	14439011	14457472	14408272	0.48	cps
Bromine	81-1	19283	19710	20938	19977	4.30	cps
Bromine	81-2	107	167	80	118	37.69	cps
Cadmium	108-1	20	37	20	26	37.66	cps
Cadmium	106-1	10681	9970	9840	10164	4.45	cps
Cadmium	111-1	1098	1015	1015	1043	4.57	cps
Calcium	43-1	470	457	477	468	2.18	cps
Calcium	44-1	45006	44174	44249	44476	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1537	1580	1480	1532	3.27	cps
Cobalt	59-2	363	437	343	381	12.89	cps
Copper	63-2	2030	1840	1937	1936	4.91	cps
Dysprosium	156-1	3	13	23	13	75.02	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	143	100	133	126	18.07	cps
Erbium	164-2	90	73	93	86	12.53	cps
Gadolinium	160-1	217	167	220	201	14.85	cps
Gadolinium	160-2	1167	1113	1130	1137	2.40	cps
Holmium	165-1	35693142	35700574	35240549	35544755	0.74	cps
Holmium	165-2	21738626	22053966	21906493	21899695	0.72	cps
Indium	115-1	32538624	32030215	31517157	32028665	1.59	cps
Indium	115-2	10419119	10495737	10404179	10439679	0.47	cps
Iron	56-2	28597	28350	28714	28554	0.65	cps
Iron	57-2	1937	1920	1940	1932	0.55	cps
Iron	54-2	4047	4011	4017	4025	0.49	cps
Krypton	83-1	397	400	377	391	3.23	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BL	Instrumnet Name :	P7
Client Sample ID :	PBS625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:51:22	DataFile Name :	150CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	977	907	803	896	9.74	cps
Lead	207-1	860	717	727	768	10.42	cps
Lead	208-1	3984	3367	3220	3524	11.50	cps
Lithium	6-1	2926069	2861406	2968081	2918519	1.84	cps
Magnesium	24-2	5084	5404	5224	5238	3.06	cps
Manganese	55-2	700	697	620	672	6.73	cps
Molybdenum	94-1	620	633	657	637	2.92	cps
Molybdenum	95-1	83	77	47	69	28.35	cps
Molybdenum	96-1	203	243	233	227	9.18	cps
Molybdenum	97-1	73	50	80	68	23.24	cps
Molybdenum	98-1	110	103	110	108	3.57	cps
Neodymium	150-1	7	7	10	8	24.71	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	347	300	300	316	8.54	cps
Phosphorus	31-2	247	217	257	240	8.67	cps
Potassium	39-2	90678	90577	91101	90785	0.31	cps
Rhodium	103-1	31569194	31369616	30699397	31212736	1.46	cps
Rhodium	103-2	17432993	17616601	17475206	17508266	0.55	cps
Scandium	45-1	17276052	17180603	16973700	17143452	0.90	cps
Scandium	45-2	1454190	1483207	1456276	1464558	1.11	cps
Selenium	82-1	1711	1738	1641	1697	2.97	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	683	567	577	609	10.62	cps
Silicon	28-1	1419693	1400008	1376916	1398872	1.53	cps
Silver	107-1	340	263	263	289	15.32	cps
Silver	109-1	260	240	200	233	13.09	cps
Sodium	23-2	32815	33169	33473	33152	0.99	cps
Strontium	86-1	733	780	787	767	3.79	cps
Strontium	88-1	370	400	367	379	4.85	cps
Sulfur	34-1	237206	238648	240422	238759	0.67	cps
Terbium	159-1	36965454	36596974	36063578	36542002	1.24	cps
Terbium	159-2	22030904	22071800	21826422	21976375	0.60	cps
Thallium	203-1	697	747	820	754	8.22	cps
Thallium	205-1	1727	1827	1710	1755	3.60	cps
Tin	118-1	4034	3761	3961	3918	3.61	cps
Titanium	47-1	267	277	267	270	2.14	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BL	Instrumnet Name :	P7
Client Sample ID :	PBS625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:51:22	DataFile Name :	150CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	43	40	39	13.09	cps
Vanadium	51-2	80	60	53	64	21.54	cps
Yttrium	89-1	42833326	43098298	42611408	42847677	0.57	cps
Yttrium	89-2	10707692	10574048	10574814	10618851	0.72	cps
Zinc	66-2	670	657	670	666	1.16	cps
Zirconium	90-1	1703	1700	1977	1793	8.85	cps
Zirconium	91-1	383	387	390	387	0.86	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BS	Instrumnet Name :	P7
Client Sample ID :	LCS625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:54:39	DataFile Name :	151LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25047	25174	25184	25135	0.30	cps
Antimony	121-1	119955	120033	118060	119349	0.94	cps
Arsenic	75-2	3280	3467	3267	3338	3.35	cps
Barium	135-1	141484	141101	141276	141287	0.14	cps
Barium	137-1	248656	245675	243383	245905	1.08	cps
Beryllium	9-1	4856	5462	4906	5075	6.63	cps
Bismuth	209-1	19896792	20125703	20009760	20010752	0.57	cps
Bismuth	209-2	14441384	14285315	14290768	14339156	0.62	cps
Bromine	81-1	19957	20384	19466	19936	2.30	cps
Bromine	81-2	133	103	73	103	29.04	cps
Cadmium	108-1	1227	1220	1173	1207	2.41	cps
Cadmium	106-1	12025	12135	11868	12009	1.12	cps
Cadmium	111-1	17577	17146	16842	17188	2.15	cps
Calcium	43-1	78053	77439	77557	77683	0.42	cps
Calcium	44-1	1330698	1331843	1304647	1322396	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52371	52809	52033	52404	0.74	cps
Cobalt	59-2	47798	47634	47672	47701	0.18	cps
Copper	63-2	66420	66176	65596	66064	0.64	cps
Dysprosium	156-1	30	27	30	29	6.65	cps
Dysprosium	156-2	17	10	30	19	53.91	cps
Erbium	164-1	150	173	173	166	8.14	cps
Erbium	164-2	100	100	73	91	16.90	cps
Gadolinium	160-1	180	190	203	191	6.13	cps
Gadolinium	160-2	1240	1097	1123	1153	6.61	cps
Holmium	165-1	34721994	34940192	34220393	34627526	1.07	cps
Holmium	165-2	22266116	21770822	21665596	21900845	1.46	cps
Indium	115-1	31225352	30965751	31239688	31143597	0.50	cps
Indium	115-2	10394728	10156715	10277260	10276234	1.16	cps
Iron	56-2	4548770	4568903	4489304	4535659	0.91	cps
Iron	57-2	119258	118828	118932	119006	0.19	cps
Iron	54-2	263478	261253	262334	262355	0.42	cps
Krypton	83-1	457	447	470	458	2.56	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BS	Instrumnet Name :	P7
Client Sample ID :	LCS625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:54:39	DataFile Name :	151LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41885	41176	40825	41295	1.31	cps
Lead	207-1	35954	36900	36482	36445	1.30	cps
Lead	208-1	167019	167984	164649	166551	1.03	cps
Lithium	6-1	2995028	2980862	2928818	2968236	1.17	cps
Magnesium	24-2	1056470	1054572	1055782	1055608	0.09	cps
Manganese	55-2	19182	19259	19159	19200	0.27	cps
Molybdenum	94-1	128255	129069	127976	128434	0.44	cps
Molybdenum	95-1	153909	157753	155654	155772	1.24	cps
Molybdenum	96-1	173459	175115	173445	174006	0.55	cps
Molybdenum	97-1	97536	97371	97425	97444	0.09	cps
Molybdenum	98-1	255345	255763	248293	253134	1.66	cps
Neodymium	150-1	30	27	13	23	37.81	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	11478	11091	11374	11314	1.77	cps
Phosphorus	31-2	173	243	230	216	17.24	cps
Potassium	39-2	1366694	1386817	1357213	1370241	1.10	cps
Rhodium	103-1	30360269	30539035	30178173	30359159	0.59	cps
Rhodium	103-2	17628444	17200925	17286386	17371918	1.30	cps
Scandium	45-1	16697653	16768620	16610640	16692304	0.47	cps
Scandium	45-2	1478310	1447973	1443245	1456509	1.31	cps
Selenium	82-1	6990	6555	6692	6746	3.29	cps
Selenium	77-2	470	560	557	529	9.65	cps
Selenium	78-2	2154	2297	2384	2278	5.10	cps
Silicon	28-1	1643089	1639929	1658181	1647066	0.59	cps
Silver	107-1	81118	81665	80659	81147	0.62	cps
Silver	109-1	77613	77563	77328	77501	0.20	cps
Sodium	23-2	1727007	1718582	1681915	1709168	1.40	cps
Strontium	86-1	20481	19980	19423	19961	2.65	cps
Strontium	88-1	170357	170867	167364	169529	1.12	cps
Sulfur	34-1	258182	264457	263668	262102	1.30	cps
Terbium	159-1	35946894	36087817	35635349	35890020	0.65	cps
Terbium	159-2	22177327	21909830	21614355	21900504	1.29	cps
Thallium	203-1	50530	50041	49202	49924	1.35	cps
Thallium	205-1	120095	119835	117862	119264	1.02	cps
Tin	118-1	4064	3874	4107	4015	3.09	cps
Titanium	47-1	38151	37346	36300	37266	2.49	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BS	Instrumnet Name :	P7
Client Sample ID :	LCS625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:54:39	DataFile Name :	151LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	147739	151105	147469	148771	1.36	cps
Vanadium	51-2	107402	107630	107412	107481	0.12	cps
Yttrium	89-1	42122755	41923984	41508312	41851684	0.75	cps
Yttrium	89-2	10593007	10477214	10400496	10490239	0.92	cps
Zinc	66-2	25255	25001	24968	25074	0.63	cps
Zirconium	90-1	108349	109057	107483	108296	0.73	cps
Zirconium	91-1	24263	24667	24467	24466	0.83	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:57:51	DataFile Name :	152LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13406	13289	13049	13248	1.37	cps
Antimony	121-1	59874	59941	60011	59942	0.11	cps
Arsenic	75-2	1743	1667	1800	1737	3.85	cps
Barium	135-1	71458	71431	70031	70974	1.15	cps
Barium	137-1	122670	123423	123228	123107	0.32	cps
Beryllium	9-1	2367	2606	2845	2606	9.17	cps
Bismuth	209-1	20550226	20130948	19895168	20192114	1.64	cps
Bismuth	209-2	14515954	14345670	14321986	14394536	0.74	cps
Bromine	81-1	20862	20314	20514	20563	1.35	cps
Bromine	81-2	100	70	97	89	18.50	cps
Cadmium	108-1	573	620	660	618	7.02	cps
Cadmium	106-1	11972	11621	11124	11572	3.68	cps
Cadmium	111-1	9051	9333	9185	9190	1.53	cps
Calcium	43-1	38121	38706	39348	38725	1.58	cps
Calcium	44-1	710067	714177	713174	712473	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27201	27492	26757	27150	1.36	cps
Cobalt	59-2	24358	23957	24049	24121	0.87	cps
Copper	63-2	33755	33852	34229	33945	0.74	cps
Dysprosium	156-1	17	30	13	20	44.10	cps
Dysprosium	156-2	10	10	20	13	43.30	cps
Erbium	164-1	180	177	147	168	10.94	cps
Erbium	164-2	103	133	100	112	16.36	cps
Gadolinium	160-1	167	170	180	172	4.03	cps
Gadolinium	160-2	1113	1093	1203	1137	5.16	cps
Holmium	165-1	36036694	34998695	34726763	35254051	1.96	cps
Holmium	165-2	21894046	21730905	21492845	21705932	0.93	cps
Indium	115-1	32235608	31628457	31362052	31742039	1.41	cps
Indium	115-2	10240643	10214266	10365328	10273412	0.79	cps
Iron	56-2	2295070	2271410	2250218	2272233	0.99	cps
Iron	57-2	60899	61733	61301	61311	0.68	cps
Iron	54-2	135372	133882	134312	134522	0.57	cps
Krypton	83-1	450	477	417	448	6.71	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:57:51	DataFile Name :	152LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20866	21731	21100	21232	2.11	cps
Lead	207-1	18683	18559	18750	18664	0.52	cps
Lead	208-1	84406	85713	83978	84699	1.07	cps
Lithium	6-1	3065405	2967940	2951047	2994798	2.06	cps
Magnesium	24-2	540090	540197	535784	538690	0.47	cps
Manganese	55-2	9927	10434	9983	10115	2.75	cps
Molybdenum	94-1	65459	65609	64437	65168	0.98	cps
Molybdenum	95-1	78187	78613	79316	78705	0.72	cps
Molybdenum	96-1	84951	87332	87094	86459	1.52	cps
Molybdenum	97-1	48500	48871	48500	48624	0.44	cps
Molybdenum	98-1	123823	127688	126633	126048	1.59	cps
Neodymium	150-1	23	20	17	20	16.65	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	5925	5784	5828	5846	1.23	cps
Phosphorus	31-2	230	247	253	243	4.94	cps
Potassium	39-2	772244	765639	760404	766095	0.77	cps
Rhodium	103-1	32019080	30583794	30340340	30981071	2.93	cps
Rhodium	103-2	17287492	17167466	17415166	17290042	0.72	cps
Scandium	45-1	17509582	17013598	17003466	17175549	1.68	cps
Scandium	45-2	1452633	1467571	1429260	1449821	1.33	cps
Selenium	82-1	4131	4260	4185	4192	1.54	cps
Selenium	77-2	230	270	267	256	8.69	cps
Selenium	78-2	1443	1453	1447	1448	0.35	cps
Silicon	28-1	1530035	1527107	1543501	1533547	0.57	cps
Silver	107-1	39878	41195	40369	40481	1.64	cps
Silver	109-1	37890	38939	39136	38655	1.73	cps
Sodium	23-2	857041	857750	851408	855400	0.41	cps
Strontium	86-1	10067	10701	10194	10320	3.25	cps
Strontium	88-1	84461	84360	85121	84647	0.49	cps
Sulfur	34-1	270830	273161	274867	272953	0.74	cps
Terbium	159-1	37527540	36377546	35697498	36534195	2.53	cps
Terbium	159-2	21696880	21854701	21764608	21772063	0.36	cps
Thallium	203-1	24993	25467	25066	25176	1.01	cps
Thallium	205-1	60383	59483	59088	59651	1.11	cps
Tin	118-1	3994	3991	3797	3927	2.87	cps
Titanium	47-1	18428	19142	18695	18755	1.92	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164625BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD625	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 06:57:51	DataFile Name :	152LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	74111	74929	73870	74303	0.75	cps
Vanadium	51-2	54097	53591	54629	54105	0.96	cps
Yttrium	89-1	44044876	42517016	41705766	42755886	2.78	cps
Yttrium	89-2	10474328	10458923	10552268	10495173	0.48	cps
Zinc	66-2	14020	13439	13860	13773	2.18	cps
Zirconium	90-1	54417	55959	55307	55228	1.40	cps
Zirconium	91-1	11982	12626	12575	12394	2.89	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164798BL	Instrumnet Name :	P7
Client Sample ID :	PBW798	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:01:07	DataFile Name :	153CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	597	567	603	589	3.32	cps
Antimony	121-1	107	113	160	127	22.94	cps
Arsenic	75-2	3	17	7	9	78.08	cps
Barium	135-1	140	133	60	111	39.95	cps
Barium	137-1	200	157	157	171	14.62	cps
Beryllium	9-1	33	22	6	20	68.62	cps
Bismuth	209-1	20110552	20370661	20613994	20365069	1.24	cps
Bismuth	209-2	14530771	14355868	14331393	14406011	0.75	cps
Bromine	81-1	20588	20388	20568	20514	0.54	cps
Bromine	81-2	100	113	123	112	10.43	cps
Cadmium	108-1	37	23	30	30	22.23	cps
Cadmium	106-1	11118	10771	10397	10762	3.35	cps
Cadmium	111-1	1137	1092	1058	1096	3.60	cps
Calcium	43-1	747	680	597	674	11.14	cps
Calcium	44-1	47691	47670	46474	47278	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1460	1483	1430	1458	1.83	cps
Cobalt	59-2	425	360	440	408	10.41	cps
Copper	63-2	2037	1870	1890	1932	4.71	cps
Dysprosium	156-1	10	7	20	12	56.76	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	137	153	130	140	8.59	cps
Erbium	164-2	123	90	120	111	16.52	cps
Gadolinium	160-1	180	197	137	171	18.10	cps
Gadolinium	160-2	1263	1210	1137	1203	5.29	cps
Holmium	165-1	35621862	35938330	36075181	35878458	0.65	cps
Holmium	165-2	22053412	21941571	21440728	21811904	1.50	cps
Indium	115-1	31442164	32468701	32544175	32151680	1.91	cps
Indium	115-2	10431337	10554862	10300726	10428975	1.22	cps
Iron	56-2	28888	29155	28470	28838	1.20	cps
Iron	57-2	1843	2017	1923	1928	4.50	cps
Iron	54-2	4107	4094	4221	4141	1.68	cps
Krypton	83-1	460	413	547	473	14.29	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164798BL	Instrumnet Name :	P7
Client Sample ID :	PBW798	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:01:07	DataFile Name :	153CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	763	657	780	733	9.13	cps
Lead	207-1	713	777	567	686	15.71	cps
Lead	208-1	3327	3034	2980	3114	6.00	cps
Lithium	6-1	3092894	3120934	3123369	3112399	0.54	cps
Magnesium	24-2	5988	6201	6438	6209	3.63	cps
Manganese	55-2	357	350	377	361	3.84	cps
Molybdenum	94-1	630	710	757	699	9.17	cps
Molybdenum	95-1	57	67	63	62	8.18	cps
Molybdenum	96-1	200	247	290	246	18.33	cps
Molybdenum	97-1	40	77	80	66	33.86	cps
Molybdenum	98-1	83	127	87	99	24.39	cps
Neodymium	150-1	7	17	7	10	57.72	cps
Neodymium	150-2	3	13	27	14	81.07	cps
Nickel	60-2	343	273	393	337	17.90	cps
Phosphorus	31-2	257	243	330	277	16.87	cps
Potassium	39-2	93169	91674	91452	92098	1.01	cps
Rhodium	103-1	30783000	31698268	31655165	31378811	1.65	cps
Rhodium	103-2	17663586	17540158	17229628	17477791	1.28	cps
Scandium	45-1	17172783	17578559	17569001	17440114	1.33	cps
Scandium	45-2	1484149	1448046	1441833	1458009	1.57	cps
Selenium	82-1	1620	1783	1514	1639	8.27	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	640	650	613	634	2.99	cps
Silicon	28-1	1419352	1424622	1446865	1430279	1.02	cps
Silver	107-1	313	373	310	332	10.73	cps
Silver	109-1	280	193	173	216	26.30	cps
Sodium	23-2	30671	30367	30337	30458	0.61	cps
Strontium	86-1	693	863	700	752	12.80	cps
Strontium	88-1	433	533	413	460	13.98	cps
Sulfur	34-1	276649	280545	276441	277878	0.83	cps
Terbium	159-1	36068890	37715989	37248234	37011038	2.29	cps
Terbium	159-2	22389394	21933677	21983229	22102100	1.13	cps
Thallium	203-1	673	710	703	696	2.81	cps
Thallium	205-1	1700	1770	1713	1728	2.15	cps
Tin	118-1	3691	3811	3897	3799	2.73	cps
Titanium	47-1	260	247	287	264	7.70	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164798BL	Instrumnet Name :	P7
Client Sample ID :	PBW798	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:01:07	DataFile Name :	153CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	27	40	36	21.64	cps
Vanadium	51-2	50	47	47	48	4.02	cps
Yttrium	89-1	42966023	43637016	43869739	43490926	1.08	cps
Yttrium	89-2	10644342	10640495	10501308	10595382	0.77	cps
Zinc	66-2	843	710	737	763	9.24	cps
Zirconium	90-1	1750	1887	2080	1906	8.70	cps
Zirconium	91-1	333	347	377	352	6.30	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164798BS	Instrumnet Name :	P7
Client Sample ID :	LCS798	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:04:21	DataFile Name :	154LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24046	24506	24540	24364	1.13	cps
Antimony	121-1	118543	118594	117290	118142	0.63	cps
Arsenic	75-2	3364	3520	3204	3363	4.71	cps
Barium	135-1	141495	138766	137701	139320	1.40	cps
Barium	137-1	244420	241811	242040	242757	0.60	cps
Beryllium	9-1	5062	4962	5157	5060	1.92	cps
Bismuth	209-1	19565902	19537556	19482404	19528621	0.22	cps
Bismuth	209-2	14363984	14325482	13893155	14194207	1.84	cps
Bromine	81-1	20494	19910	19737	20047	1.98	cps
Bromine	81-2	123	93	107	108	13.95	cps
Cadmium	108-1	1163	1193	1080	1146	5.13	cps
Cadmium	106-1	12672	12405	12098	12392	2.32	cps
Cadmium	111-1	16958	17241	17011	17070	0.88	cps
Calcium	43-1	76699	76344	76106	76383	0.39	cps
Calcium	44-1	1324819	1310924	1285814	1307185	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51625	51390	52732	51916	1.38	cps
Cobalt	59-2	47855	46085	47275	47072	1.92	cps
Copper	63-2	65857	64076	64274	64736	1.51	cps
Dysprosium	156-1	27	20	20	22	17.33	cps
Dysprosium	156-2	3	20	33	19	79.59	cps
Erbium	164-1	110	153	147	137	17.08	cps
Erbium	164-2	87	80	83	83	4.00	cps
Gadolinium	160-1	193	193	193	193	0.00	cps
Gadolinium	160-2	1040	1173	1213	1142	7.95	cps
Holmium	165-1	34542061	34286786	34102144	34310330	0.64	cps
Holmium	165-2	21327931	21398027	21214241	21313400	0.44	cps
Indium	115-1	30960272	30614974	30778355	30784534	0.56	cps
Indium	115-2	10302435	10181979	10046530	10176981	1.26	cps
Iron	56-2	4561926	4386505	4428613	4459015	2.05	cps
Iron	57-2	119033	118532	117404	118323	0.71	cps
Iron	54-2	261718	260399	257621	259912	0.80	cps
Krypton	83-1	447	493	467	469	4.99	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164798BS	Instrumnet Name :	P7
Client Sample ID :	LCS798	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:04:21	DataFile Name :	154LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40082	40447	39935	40155	0.66	cps
Lead	207-1	35476	34958	34885	35106	0.92	cps
Lead	208-1	161471	162462	160099	161344	0.74	cps
Lithium	6-1	3042462	2982193	3054767	3026474	1.28	cps
Magnesium	24-2	1056810	1051367	1048727	1052302	0.39	cps
Manganese	55-2	19409	19032	19069	19170	1.08	cps
Molybdenum	94-1	127360	127596	126689	127215	0.37	cps
Molybdenum	95-1	154209	154048	153171	153809	0.36	cps
Molybdenum	96-1	172537	171172	171674	171794	0.40	cps
Molybdenum	97-1	96331	95663	95708	95901	0.39	cps
Molybdenum	98-1	248051	248598	246408	247686	0.46	cps
Neodymium	150-1	23	20	17	20	16.65	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	11218	11148	11214	11193	0.35	cps
Phosphorus	31-2	233	200	247	227	10.61	cps
Potassium	39-2	1337809	1376139	1354304	1356084	1.42	cps
Rhodium	103-1	30205174	29963051	29959510	30042578	0.47	cps
Rhodium	103-2	17209803	17162817	16920310	17097643	0.91	cps
Scandium	45-1	16920335	16749140	16792780	16820752	0.53	cps
Scandium	45-2	1427365	1466371	1448239	1447325	1.35	cps
Selenium	82-1	6591	6479	6495	6522	0.93	cps
Selenium	77-2	550	487	537	524	6.37	cps
Selenium	78-2	2134	2400	2350	2295	6.18	cps
Silicon	28-1	1649606	1691884	1655663	1665718	1.37	cps
Silver	107-1	80166	80012	79315	79831	0.57	cps
Silver	109-1	76098	76376	75994	76156	0.26	cps
Sodium	23-2	1704467	1685749	1683222	1691146	0.69	cps
Strontium	86-1	19767	19620	19717	19701	0.38	cps
Strontium	88-1	167259	166942	167229	167143	0.10	cps
Sulfur	34-1	286028	287410	290347	287928	0.77	cps
Terbium	159-1	35706626	35185788	34938004	35276806	1.11	cps
Terbium	159-2	21734508	21592780	21494858	21607382	0.56	cps
Thallium	203-1	48991	48432	48145	48523	0.89	cps
Thallium	205-1	115552	114672	113475	114567	0.91	cps
Tin	118-1	4071	4037	3837	3982	3.17	cps
Titanium	47-1	37079	36671	36187	36645	1.22	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164798BS	Instrumnet Name :	P7
Client Sample ID :	LCS798	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:04:21	DataFile Name :	154LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	146650	144119	145905	145558	0.89	cps
Vanadium	51-2	106805	106063	106583	106483	0.36	cps
Yttrium	89-1	41778443	41526947	41460422	41588604	0.40	cps
Yttrium	89-2	10433720	10373696	10402388	10403268	0.29	cps
Zinc	66-2	24774	24667	24353	24598	0.89	cps
Zirconium	90-1	107177	106724	104673	106191	1.26	cps
Zirconium	91-1	23228	24043	23776	23683	1.75	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04	Instrumnet Name :	P7
Client Sample ID :	MYE5D6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:07:36	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20566856	20626545	20284215	20492539	0.89	cps
Antimony	121-1	42282	44388	43315	43328	2.43	cps
Arsenic	75-2	149336	148079	148522	148646	0.43	cps
Barium	135-1	4486137	4638604	4682511	4602418	2.24	cps
Barium	137-1	7737450	7953851	7992544	7894615	1.74	cps
Beryllium	9-1	4573	4395	4323	4430	2.91	cps
Bismuth	209-1	20610581	20101665	19842701	20184982	1.94	cps
Bismuth	209-2	13634607	13872967	13691320	13732965	0.91	cps
Bromine	81-1	29713	30525	30919	30386	2.02	cps
Bromine	81-2	2397	2514	2574	2495	3.60	cps
Cadmium	108-1	1907	2044	2060	2003	4.20	cps
Cadmium	106-1	15075	14427	14164	14555	3.22	cps
Cadmium	111-1	24400	25086	25170	24885	1.70	cps
Calcium	43-1	684539	691399	686525	687488	0.51	cps
Calcium	44-1	10679736	10647928	10679124	10668929	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1038481	1028260	1016317	1027686	1.08	cps
Cobalt	59-2	1260171	1257519	1251803	1256497	0.34	cps
Copper	63-2	5863646	5856729	5912381	5877586	0.52	cps
Dysprosium	156-1	216816	225296	227433	223181	2.52	cps
Dysprosium	156-2	177385	177469	178805	177887	0.45	cps
Erbium	164-1	156734	162108	163475	160772	2.22	cps
Erbium	164-2	100676	100804	100771	100750	0.07	cps
Gadolinium	160-1	189160	197059	197870	194697	2.47	cps
Gadolinium	160-2	129546	128894	128745	129062	0.33	cps
Holmium	165-1	36151109	35464270	34835459	35483613	1.85	cps
Holmium	165-2	21244664	21248878	21172606	21222049	0.20	cps
Indium	115-1	31907457	30959987	30121952	30996465	2.88	cps
Indium	115-2	9756933	9706114	9731650	9731566	0.26	cps
Iron	56-2	1069674037	1073306571	1058625904	1067202171	0.72	cps
Iron	57-2	26246118	26625265	26239219	26370201	0.84	cps
Iron	54-2	59634241	58934444	58106327	58891671	1.30	cps
Krypton	83-1	783	730	823	779	6.01	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04	Instrumnet Name :	P7
Client Sample ID :	MYE5D6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:07:36	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2074171	2199938	2169525	2147878	3.06	cps
Lead	207-1	1821075	1874717	1905629	1867140	2.29	cps
Lead	208-1	8312225	8722645	8696741	8577204	2.68	cps
Lithium	6-1	3035666	2757437	2637927	2810344	7.26	cps
Magnesium	24-2	13297555	13385822	13162441	13281940	0.85	cps
Manganese	55-2	36046258	36143808	35806672	35998913	0.48	cps
Molybdenum	94-1	398883	407397	407845	404708	1.25	cps
Molybdenum	95-1	17184	18098	17557	17613	2.61	cps
Molybdenum	96-1	94614	96979	95908	95834	1.24	cps
Molybdenum	97-1	10190	10634	10654	10493	2.50	cps
Molybdenum	98-1	26531	26808	26578	26639	0.56	cps
Neodymium	150-1	444099	462329	466635	457688	2.61	cps
Neodymium	150-2	246745	245933	244523	245734	0.46	cps
Nickel	60-2	526138	523855	519258	523084	0.67	cps
Phosphorus	31-2	67448	67324	66052	66941	1.15	cps
Potassium	39-2	9389620	9285382	9275867	9316957	0.68	cps
Rhodium	103-1	30184593	29311782	29017571	29504649	2.06	cps
Rhodium	103-2	16714296	16727122	16504213	16648544	0.75	cps
Scandium	45-1	17885087	16624528	16720355	17076657	4.11	cps
Scandium	45-2	1496175	1492685	1471100	1486653	0.91	cps
Selenium	82-1	2114	2053	1870	2012	6.33	cps
Selenium	77-2	943	940	897	927	2.81	cps
Selenium	78-2	1340	1330	1333	1335	0.38	cps
Silicon	28-1	75025489	77280686	76110844	76139006	1.48	cps
Silver	107-1	35560	36780	36061	36134	1.70	cps
Silver	109-1	33967	34905	33956	34276	1.59	cps
Sodium	23-2	198371	200396	199322	199363	0.51	cps
Strontium	86-1	875596	901753	907926	895092	1.92	cps
Strontium	88-1	7675435	7803797	7824212	7767815	1.04	cps
Sulfur	34-1	257296	234158	222567	238007	7.43	cps
Terbium	159-1	36595902	36107832	35955269	36219668	0.92	cps
Terbium	159-2	21617922	21381294	21301493	21433570	0.77	cps
Thallium	203-1	12339	13063	13310	12904	3.91	cps
Thallium	205-1	31266	31212	30464	30981	1.45	cps
Tin	118-1	69340	72005	71573	70973	2.02	cps
Titanium	47-1	4155687	4129349	4116697	4133911	0.48	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04	Instrumnet Name :	P7
Client Sample ID :	MYE5D6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:07:36	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	96093	99837	101997	99309	3.01	cps
Vanadium	51-2	1928401	1951471	1954107	1944660	0.73	cps
Yttrium	89-1	45479646	43514714	43731288	44241883	2.44	cps
Yttrium	89-2	10784034	10687102	10591018	10687385	0.90	cps
Zinc	66-2	587565	587290	585292	586715	0.21	cps
Zirconium	90-1	1053326	1084733	1086668	1074909	1.74	cps
Zirconium	91-1	234757	242569	244817	240714	2.19	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-05	Instrumnet Name :	P7
Client Sample ID :	MYE5D6D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:10:35	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20648170	20311179	20328473	20429274	0.93	cps
Antimony	121-1	41460	42005	41543	41669	0.70	cps
Arsenic	75-2	149834	148325	148191	148784	0.61	cps
Barium	135-1	4532974	4558290	4499072	4530112	0.66	cps
Barium	137-1	7812347	7909078	7738905	7820110	1.09	cps
Beryllium	9-1	4495	4473	4045	4338	5.85	cps
Bismuth	209-1	20152697	20599343	20529664	20427235	1.18	cps
Bismuth	209-2	13853674	13637646	13761519	13750946	0.79	cps
Bromine	81-1	30188	30756	31280	30741	1.78	cps
Bromine	81-2	2690	2607	2760	2686	2.86	cps
Cadmium	108-1	2127	2287	2077	2164	5.07	cps
Cadmium	106-1	13923	13880	13430	13744	1.99	cps
Cadmium	111-1	25274	25690	25866	25610	1.19	cps
Calcium	43-1	699652	686363	684402	690139	1.20	cps
Calcium	44-1	10687990	10709823	10616804	10671539	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1030584	1023288	1017197	1023690	0.65	cps
Cobalt	59-2	1265000	1257838	1267881	1263573	0.41	cps
Copper	63-2	6143267	6049055	6043044	6078455	0.92	cps
Dysprosium	156-1	234107	235314	235444	234955	0.31	cps
Dysprosium	156-2	181777	183033	182996	182602	0.39	cps
Erbium	164-1	171127	172401	174208	172579	0.90	cps
Erbium	164-2	104732	104598	103762	104364	0.50	cps
Gadolinium	160-1	205144	208946	209866	207985	1.20	cps
Gadolinium	160-2	133674	133378	134546	133866	0.45	cps
Holmium	165-1	35459370	35858286	35587880	35635179	0.57	cps
Holmium	165-2	21422560	21239498	21445874	21369311	0.53	cps
Indium	115-1	29884345	30771098	30096917	30250787	1.53	cps
Indium	115-2	9806298	9599603	9712724	9706209	1.07	cps
Iron	56-2	1069968037	1059915184	1044837931	1058240384	1.20	cps
Iron	57-2	26444618	26171503	25973878	26196666	0.90	cps
Iron	54-2	58575924	57555887	58194916	58108909	0.89	cps
Krypton	83-1	647	640	593	627	4.64	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-05	Instrumnet Name :	P7
Client Sample ID :	MYE5D6D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:10:35	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2263671	2255280	2272879	2263943	0.39	cps
Lead	207-1	2036081	1983630	2052851	2024187	1.78	cps
Lead	208-1	9244616	9161361	9308884	9238287	0.80	cps
Lithium	6-1	2496459	2514857	2476893	2496070	0.76	cps
Magnesium	24-2	13618416	13486725	13385432	13496858	0.87	cps
Manganese	55-2	34841342	34478685	34219106	34513044	0.91	cps
Molybdenum	94-1	405411	408770	405476	406552	0.47	cps
Molybdenum	95-1	17547	17531	16957	17345	1.94	cps
Molybdenum	96-1	96945	95553	95331	95943	0.91	cps
Molybdenum	97-1	10524	10157	10147	10276	2.09	cps
Molybdenum	98-1	25609	26120	26194	25974	1.23	cps
Neodymium	150-1	479188	482746	483978	481971	0.52	cps
Neodymium	150-2	249458	250411	250193	250020	0.20	cps
Nickel	60-2	526434	525850	529705	527330	0.39	cps
Phosphorus	31-2	68774	67133	66728	67545	1.60	cps
Potassium	39-2	9462895	9380037	9341598	9394843	0.66	cps
Rhodium	103-1	28873210	28882456	28975602	28910423	0.20	cps
Rhodium	103-2	16490177	16562041	16476983	16509734	0.28	cps
Scandium	45-1	16107621	16409161	15931297	16149360	1.50	cps
Scandium	45-2	1464618	1447697	1441565	1451293	0.82	cps
Selenium	82-1	2039	2059	2171	2090	3.41	cps
Selenium	77-2	923	897	950	923	2.89	cps
Selenium	78-2	1323	1377	1230	1310	5.67	cps
Silicon	28-1	73736762	73172437	73158742	73355981	0.45	cps
Silver	107-1	38541	38137	38581	38420	0.64	cps
Silver	109-1	36747	36569	36252	36523	0.69	cps
Sodium	23-2	207671	208215	209690	208526	0.50	cps
Strontium	86-1	911754	918387	915837	915326	0.37	cps
Strontium	88-1	8021469	8070671	8061964	8051368	0.33	cps
Sulfur	34-1	200132	196661	190609	195801	2.46	cps
Terbium	159-1	36453199	36930604	36944159	36775988	0.76	cps
Terbium	159-2	21894245	21317058	21337075	21516126	1.52	cps
Thallium	203-1	13050	12809	12990	12950	0.97	cps
Thallium	205-1	30735	31767	31289	31264	1.65	cps
Tin	118-1	71459	72451	73466	72459	1.38	cps
Titanium	47-1	4050745	4072733	4034862	4052780	0.47	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-05	Instrumnet Name :	P7
Client Sample ID :	MYE5D6D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:10:35	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	106024	107684	108359	107356	1.12	cps
Vanadium	51-2	1964980	1940130	1903104	1936071	1.61	cps
Yttrium	89-1	42835704	43326084	43136754	43099514	0.57	cps
Yttrium	89-2	10716070	10621144	10561626	10632947	0.73	cps
Zinc	66-2	597082	596592	602383	598686	0.54	cps
Zirconium	90-1	1077513	1081121	1075064	1077900	0.28	cps
Zirconium	91-1	240133	243591	239856	241193	0.86	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5D6L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 07:13:36	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3916237	3892787	3904716	3904580	0.30	cps
Antimony	121-1	8322	8312	8676	8437	2.45	cps
Arsenic	75-2	28968	29122	29302	29131	0.57	cps
Barium	135-1	892770	911656	904664	903030	1.06	cps
Barium	137-1	1551374	1582343	1582339	1572019	1.14	cps
Beryllium	9-1	739	856	1000	865	15.13	cps
Bismuth	209-1	21323975	20859659	20632184	20938606	1.68	cps
Bismuth	209-2	14337491	14504611	14249019	14363707	0.90	cps
Bromine	81-1	21546	21496	22000	21680	1.28	cps
Bromine	81-2	727	640	667	678	6.55	cps
Cadmium	108-1	487	477	373	446	14.08	cps
Cadmium	106-1	11061	10344	10084	10496	4.82	cps
Cadmium	111-1	5590	5760	5723	5691	1.57	cps
Calcium	43-1	128220	129823	131006	129683	1.08	cps
Calcium	44-1	2012924	2050097	2062189	2041737	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197725	197500	198587	197937	0.29	cps
Cobalt	59-2	241308	240380	242961	241550	0.54	cps
Copper	63-2	1161534	1152109	1165676	1159773	0.60	cps
Dysprosium	156-1	43584	44333	44527	44148	1.13	cps
Dysprosium	156-2	34532	34689	34693	34638	0.26	cps
Erbium	164-1	31569	31963	31753	31762	0.62	cps
Erbium	164-2	19510	19397	19440	19449	0.29	cps
Gadolinium	160-1	37503	38750	38743	38332	1.87	cps
Gadolinium	160-2	25794	26185	26248	26075	0.94	cps
Holmium	165-1	37176758	36407775	36126482	36570338	1.49	cps
Holmium	165-2	21602115	21615611	21926206	21714644	0.84	cps
Indium	115-1	32471308	31208452	30882235	31520665	2.66	cps
Indium	115-2	9929623	9931232	9927078	9929311	0.02	cps
Iron	56-2	205324437	202215224	203526397	203688686	0.77	cps
Iron	57-2	5027344	5044411	5012516	5028090	0.32	cps
Iron	54-2	11194623	11204512	11151327	11183487	0.25	cps
Krypton	83-1	513	417	540	490	13.24	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5D6L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 07:13:36	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	436446	443849	443254	441183	0.93	cps
Lead	207-1	384868	387291	393623	388594	1.16	cps
Lead	208-1	1747193	1778388	1782876	1769486	1.10	cps
Lithium	6-1	2739505	2566706	2624227	2643479	3.33	cps
Magnesium	24-2	2577862	2616537	2555207	2583202	1.20	cps
Manganese	55-2	6805701	6784993	6779947	6790214	0.20	cps
Molybdenum	94-1	77259	78985	79702	78649	1.60	cps
Molybdenum	95-1	3420	3460	3287	3389	2.68	cps
Molybdenum	96-1	18035	19146	18819	18666	3.06	cps
Molybdenum	97-1	2277	2137	2074	2162	4.81	cps
Molybdenum	98-1	5114	5384	5288	5262	2.60	cps
Neodymium	150-1	87764	90331	90528	89541	1.72	cps
Neodymium	150-2	47697	47861	47456	47671	0.43	cps
Nickel	60-2	102987	101400	102464	102284	0.79	cps
Phosphorus	31-2	13102	13086	13009	13066	0.38	cps
Potassium	39-2	1839560	1806128	1828856	1824848	0.94	cps
Rhodium	103-1	30823985	30156348	29158140	30046158	2.79	cps
Rhodium	103-2	16954066	16949733	16986086	16963295	0.12	cps
Scandium	45-1	16623028	15945129	15883860	16150672	2.54	cps
Scandium	45-2	1413833	1396882	1420616	1410443	0.87	cps
Selenium	82-1	1621	1653	1603	1626	1.53	cps
Selenium	77-2	147	173	177	166	9.93	cps
Selenium	78-2	717	670	690	692	3.38	cps
Silicon	28-1	14799813	15163510	15320868	15094730	1.77	cps
Silver	107-1	7095	7225	7108	7143	1.00	cps
Silver	109-1	6178	6615	6732	6508	4.48	cps
Sodium	23-2	71659	71559	70902	71373	0.58	cps
Strontium	86-1	169325	174325	173600	172417	1.57	cps
Strontium	88-1	1482567	1493088	1499436	1491697	0.57	cps
Sulfur	34-1	174500	172336	171315	172717	0.94	cps
Terbium	159-1	38734995	37062795	36748654	37515482	2.85	cps
Terbium	159-2	21713121	21681389	22319093	21904534	1.64	cps
Thallium	203-1	2837	2820	2680	2779	3.10	cps
Thallium	205-1	6438	6595	6492	6508	1.22	cps
Tin	118-1	16146	16186	16076	16136	0.35	cps
Titanium	47-1	766296	779438	781181	775638	1.05	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5D6L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 07:13:36	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19551	20312	19681	19848	2.05	cps
Vanadium	51-2	364148	360167	361048	361788	0.58	cps
Yttrium	89-1	43223793	41890056	41441267	42185039	2.20	cps
Yttrium	89-2	10422847	10289806	10232407	10315020	0.95	cps
Zinc	66-2	117978	116641	117891	117503	0.64	cps
Zirconium	90-1	205123	209765	208118	207669	1.13	cps
Zirconium	91-1	45250	46527	46507	46094	1.59	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-06	Instrumnet Name :	P7
Client Sample ID :	MYE5D6S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:16:43	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20591818	20740567	20304233	20545540	1.08	cps
Antimony	121-1	1537745	1540764	1529663	1536058	0.37	cps
Arsenic	75-2	180692	178675	180553	179973	0.63	cps
Barium	135-1	11979382	11863452	11945572	11929469	0.50	cps
Barium	137-1	20614185	20881661	20642854	20712900	0.71	cps
Beryllium	9-1	60919	59949	59520	60129	1.19	cps
Bismuth	209-1	20596866	21062701	20834393	20831320	1.12	cps
Bismuth	209-2	14227291	14262256	14114740	14201429	0.54	cps
Bromine	81-1	29393	29987	29937	29772	1.11	cps
Bromine	81-2	2420	2444	2604	2489	4.01	cps
Cadmium	108-1	15245	15619	14818	15227	2.63	cps
Cadmium	106-1	32259	32376	32042	32226	0.53	cps
Cadmium	111-1	216436	214595	216645	215892	0.52	cps
Calcium	43-1	686473	681534	674889	680965	0.85	cps
Calcium	44-1	10707392	10595696	10480920	10594669	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2206042	2227807	2186047	2206632	0.95	cps
Cobalt	59-2	6822899	6695395	6715037	6744444	1.02	cps
Copper	63-2	7713971	7635807	7652307	7667361	0.54	cps
Dysprosium	156-1	237907	237669	235805	237127	0.49	cps
Dysprosium	156-2	182229	180261	179684	180724	0.74	cps
Erbium	164-1	171482	172133	173034	172216	0.45	cps
Erbium	164-2	105122	103997	103732	104284	0.71	cps
Gadolinium	160-1	208315	207792	207833	207980	0.14	cps
Gadolinium	160-2	134320	133405	132739	133488	0.59	cps
Holmium	165-1	35927274	35937300	36195965	36020180	0.42	cps
Holmium	165-2	22125547	21922164	21339560	21795757	1.87	cps
Indium	115-1	30472241	30767196	30816072	30685170	0.61	cps
Indium	115-2	9918076	9715777	9581039	9738297	1.74	cps
Iron	56-2	1044687558	1051364064	1041786011	1045945878	0.47	cps
Iron	57-2	25858736	26161751	26015190	26011892	0.58	cps
Iron	54-2	57986154	57237757	57308181	57510697	0.72	cps
Krypton	83-1	697	627	653	659	5.36	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-06	Instrumnet Name :	P7
Client Sample ID :	MYE5D6S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:16:43	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2464770	2561435	2489321	2505175	2.01	cps
Lead	207-1	2195912	2212492	2192868	2200424	0.48	cps
Lead	208-1	10042440	10188440	10063926	10098269	0.78	cps
Lithium	6-1	2575126	2582074	2507000	2554734	1.62	cps
Magnesium	24-2	13249524	13164706	13106694	13173641	0.55	cps
Manganese	55-2	36878132	36894982	36491393	36754836	0.62	cps
Molybdenum	94-1	417380	410251	406986	411539	1.29	cps
Molybdenum	95-1	17864	18312	17491	17889	2.30	cps
Molybdenum	96-1	97344	97630	96875	97283	0.39	cps
Molybdenum	97-1	10654	10297	10437	10463	1.72	cps
Molybdenum	98-1	27279	27513	26738	27176	1.46	cps
Neodymium	150-1	481944	487904	479536	483128	0.89	cps
Neodymium	150-2	250957	248531	246870	248786	0.83	cps
Nickel	60-2	1850829	1795696	1821517	1822681	1.51	cps
Phosphorus	31-2	65995	65101	65071	65389	0.80	cps
Potassium	39-2	9101378	8965598	8867974	8978317	1.31	cps
Rhodium	103-1	28876684	29003708	29205740	29028711	0.57	cps
Rhodium	103-2	17071636	16861236	16674540	16869137	1.18	cps
Scandium	45-1	16045077	16000554	16011037	16018889	0.15	cps
Scandium	45-2	1449769	1413798	1441818	1435128	1.32	cps
Selenium	82-1	28747	28466	28888	28701	0.75	cps
Selenium	77-2	3487	3377	3317	3394	2.54	cps
Selenium	78-2	9973	9390	9660	9674	3.02	cps
Silicon	28-1	75229461	72593034	72541541	73454678	2.09	cps
Silver	107-1	875858	877597	866943	873466	0.65	cps
Silver	109-1	836020	838054	834766	836280	0.20	cps
Sodium	23-2	207509	207409	208871	207930	0.39	cps
Strontium	86-1	914895	909408	907931	910745	0.40	cps
Strontium	88-1	7981226	7910620	7879737	7923861	0.66	cps
Sulfur	34-1	199226	197769	195247	197414	1.02	cps
Terbium	159-1	36909719	37692307	37554242	37385423	1.12	cps
Terbium	159-2	22377940	22196911	22004541	22193130	0.84	cps
Thallium	203-1	667898	668996	665550	667482	0.26	cps
Thallium	205-1	1571795	1590469	1569957	1577407	0.72	cps
Tin	118-1	103982	104589	102639	103737	0.96	cps
Titanium	47-1	4090684	4098448	3971999	4053710	1.75	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-06	Instrumnet Name :	P7
Client Sample ID :	MYE5D6S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:16:43	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	107939	107956	109018	108305	0.57	cps
Vanadium	51-2	4437417	4394208	4367820	4399815	0.80	cps
Yttrium	89-1	43505194	43221568	43247546	43324769	0.36	cps
Yttrium	89-2	10802846	10566467	10487843	10619052	1.54	cps
Zinc	66-2	1159131	1144064	1142720	1148638	0.79	cps
Zirconium	90-1	1091829	1088821	1070781	1083810	1.05	cps
Zirconium	91-1	241821	244022	241415	242419	0.58	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04MS	Instrumnet Name :	P7
Client Sample ID :	MYE5D6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:19:41	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22141656	21983688	21816717	21980687	0.74	cps
Antimony	121-1	7608659	7687753	7628023	7641478	0.54	cps
Arsenic	75-2	298271	295200	295384	296285	0.58	cps
Barium	135-1	42013494	42466273	42156636	42212134	0.55	cps
Barium	137-1	73378924	72604259	72587902	72857028	0.62	cps
Beryllium	9-1	295691	290684	290263	292213	1.03	cps
Bismuth	209-1	21127884	21317648	21288428	21244653	0.48	cps
Bismuth	209-2	14265731	14469584	14184501	14306605	1.03	cps
Bromine	81-1	28768	29633	29814	29405	1.90	cps
Bromine	81-2	2207	2320	2550	2359	7.42	cps
Cadmium	108-1	69100	70658	70822	70193	1.35	cps
Cadmium	106-1	107867	107510	107283	107553	0.27	cps
Cadmium	111-1	1010737	999571	1000908	1003738	0.61	cps
Calcium	43-1	651653	640111	639326	643697	1.07	cps
Calcium	44-1	10707526	10512469	10305403	10508466	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7230073	7155711	7139575	7175120	0.67	cps
Cobalt	59-2	29673562	29785448	29731029	29730013	0.19	cps
Copper	63-2	14669806	14712390	14619224	14667140	0.32	cps
Dysprosium	156-1	229822	228581	229648	229351	0.29	cps
Dysprosium	156-2	173413	172843	173400	173218	0.19	cps
Erbium	164-1	166034	167572	168199	167268	0.67	cps
Erbium	164-2	100035	100273	100210	100173	0.12	cps
Gadolinium	160-1	199862	200225	200420	200169	0.14	cps
Gadolinium	160-2	129855	127942	128809	128869	0.74	cps
Holmium	165-1	36616647	37054449	36877318	36849471	0.60	cps
Holmium	165-2	21809482	21994011	21747395	21850296	0.59	cps
Indium	115-1	30953859	30479557	30876466	30769960	0.83	cps
Indium	115-2	9711247	9649567	9522080	9627631	1.00	cps
Iron	56-2	1018145932	1027924225	1021597958	1022556038	0.48	cps
Iron	57-2	25334574	25383656	25231345	25316525	0.31	cps
Iron	54-2	56448777	56551266	55877896	56292646	0.64	cps
Krypton	83-1	703	610	667	660	7.12	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04MS	Instrumnet Name :	P7
Client Sample ID :	MYE5D6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:19:41	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3368602	3354543	3379297	3367481	0.37	cps
Lead	207-1	2945141	2964702	2954250	2954698	0.33	cps
Lead	208-1	13506703	13462636	13595796	13521711	0.50	cps
Lithium	6-1	2609876	2568795	2539218	2572630	1.38	cps
Magnesium	24-2	12740429	12753130	12568710	12687423	0.81	cps
Manganese	55-2	43888488	44002316	43902969	43931258	0.14	cps
Molybdenum	94-1	390007	393361	388739	390703	0.61	cps
Molybdenum	95-1	17994	17744	17220	17653	2.24	cps
Molybdenum	96-1	92812	92691	92399	92634	0.23	cps
Molybdenum	97-1	10220	10190	10264	10225	0.36	cps
Molybdenum	98-1	27055	26865	26775	26898	0.53	cps
Neodymium	150-1	467201	467180	464380	466254	0.35	cps
Neodymium	150-2	240293	240595	239947	240279	0.14	cps
Nickel	60-2	7048805	7129079	7101109	7092998	0.57	cps
Phosphorus	31-2	62664	61801	62541	62335	0.75	cps
Potassium	39-2	8553993	8485510	8424274	8487926	0.76	cps
Rhodium	103-1	29243096	28946408	28990094	29059866	0.55	cps
Rhodium	103-2	16803689	16718525	16641941	16721385	0.48	cps
Scandium	45-1	16198964	16113297	15725964	16012742	1.57	cps
Scandium	45-2	1413788	1429473	1411269	1418177	0.70	cps
Selenium	82-1	137416	136535	135641	136531	0.65	cps
Selenium	77-2	13073	13683	13083	13279	2.63	cps
Selenium	78-2	42705	43270	43069	43014	0.67	cps
Silicon	28-1	70099704	70845644	69002701	69982683	1.32	cps
Silver	107-1	4343970	4278303	4248694	4290323	1.14	cps
Silver	109-1	4156891	4122906	4123757	4134518	0.47	cps
Sodium	23-2	204774	199948	201235	201986	1.24	cps
Strontium	86-1	874081	872379	866558	871006	0.45	cps
Strontium	88-1	7567974	7485072	7435938	7496328	0.89	cps
Sulfur	34-1	197900	195261	193236	195465	1.20	cps
Terbium	159-1	37640936	37776485	37573751	37663724	0.27	cps
Terbium	159-2	22354789	22299246	21964884	22206306	0.95	cps
Thallium	203-1	3366746	3358500	3354669	3359972	0.18	cps
Thallium	205-1	8094120	8017739	8060718	8057526	0.48	cps
Tin	118-1	74149	73905	74712	74256	0.56	cps
Titanium	47-1	3879496	3903808	3859052	3880785	0.58	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04MS	Instrumnet Name :	P7
Client Sample ID :	MYE5D6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:19:41	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	103848	106679	104875	105134	1.36	cps
Vanadium	51-2	15106256	14993890	14850344	14983496	0.86	cps
Yttrium	89-1	43513214	43168826	42582583	43088208	1.09	cps
Yttrium	89-2	10431552	10489669	10408077	10443099	0.40	cps
Zinc	66-2	3424112	3446718	3369455	3413428	1.16	cps
Zirconium	90-1	1035605	1043665	1028596	1035955	0.73	cps
Zirconium	91-1	232344	230417	231366	231376	0.42	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:22:30	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4985345	4990602	4911291	4962413	0.89	cps
Antimony	121-1	12606	13190	13236	13010	2.70	cps
Arsenic	75-2	36942	36769	36872	36861	0.24	cps
Barium	135-1	1132709	1161248	1157650	1150536	1.35	cps
Barium	137-1	1977975	2038792	2000574	2005780	1.53	cps
Beryllium	9-1	1117	1095	1067	1093	2.29	cps
Bismuth	209-1	21886419	21590784	21026946	21501383	2.03	cps
Bismuth	209-2	14243962	14416785	14419844	14360197	0.70	cps
Bromine	81-1	22023	21753	22330	22035	1.31	cps
Bromine	81-2	900	813	743	819	9.58	cps
Cadmium	108-1	493	530	567	530	6.92	cps
Cadmium	106-1	11345	11061	10831	11079	2.32	cps
Cadmium	111-1	6947	6848	7135	6977	2.09	cps
Calcium	43-1	164699	166832	167011	166181	0.77	cps
Calcium	44-1	2616584	2640999	2624413	2627332	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	247928	247855	248725	248169	0.19	cps
Cobalt	59-2	311904	307883	309751	309846	0.65	cps
Copper	63-2	1476002	1472768	1474930	1474567	0.11	cps
Dysprosium	156-1	56905	56952	57112	56989	0.19	cps
Dysprosium	156-2	44179	44728	45102	44670	1.04	cps
Erbium	164-1	40224	41341	41344	40970	1.58	cps
Erbium	164-2	25657	25460	25423	25513	0.49	cps
Gadolinium	160-1	48591	49858	50902	49784	2.33	cps
Gadolinium	160-2	33600	34001	33637	33746	0.66	cps
Holmium	165-1	37368699	37059479	36136050	36854743	1.74	cps
Holmium	165-2	21477234	21984519	21569098	21676950	1.25	cps
Indium	115-1	32039588	31486671	31162620	31562960	1.40	cps
Indium	115-2	9693318	9810098	9637783	9713733	0.91	cps
Iron	56-2	260700089	258535236	256784236	258673187	0.76	cps
Iron	57-2	6392668	6411789	6376951	6393803	0.27	cps
Iron	54-2	14138628	14124708	14090220	14117852	0.18	cps
Krypton	83-1	483	473	553	503	8.66	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:22:30	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	559591	575279	575829	570233	1.62	cps
Lead	207-1	491137	503570	505122	499943	1.53	cps
Lead	208-1	2240131	2325391	2305128	2290216	1.94	cps
Lithium	6-1	2830769	2779764	2719289	2776607	2.01	cps
Magnesium	24-2	3268072	3283037	3241161	3264090	0.65	cps
Manganese	55-2	8529452	8550748	8652788	8577663	0.77	cps
Molybdenum	94-1	97632	99418	100149	99067	1.31	cps
Molybdenum	95-1	4347	4081	4257	4228	3.21	cps
Molybdenum	96-1	22741	23656	23502	23300	2.10	cps
Molybdenum	97-1	2567	2684	2504	2585	3.53	cps
Molybdenum	98-1	6228	6225	6335	6263	1.00	cps
Neodymium	150-1	113113	116887	116325	115441	1.76	cps
Neodymium	150-2	61055	61427	60911	61131	0.44	cps
Nickel	60-2	132188	128783	129164	130045	1.43	cps
Phosphorus	31-2	16329	16079	16552	16320	1.45	cps
Potassium	39-2	2253446	2286135	2267037	2268873	0.72	cps
Rhodium	103-1	30890585	30131467	29629856	30217303	2.10	cps
Rhodium	103-2	16783547	16862131	16779073	16808250	0.28	cps
Scandium	45-1	16339861	16141297	15704803	16061987	2.02	cps
Scandium	45-2	1377426	1354081	1359837	1363782	0.89	cps
Selenium	82-1	1601	1650	1504	1585	4.71	cps
Selenium	77-2	173	213	213	200	11.55	cps
Selenium	78-2	763	757	650	723	8.79	cps
Silicon	28-1	18345178	19130780	19125540	18867166	2.40	cps
Silver	107-1	10014	9653	9607	9758	2.28	cps
Silver	109-1	9036	9250	9076	9121	1.24	cps
Sodium	23-2	84121	83381	83475	83659	0.48	cps
Strontium	86-1	213678	218943	219346	217322	1.46	cps
Strontium	88-1	1889706	1899293	1893960	1894320	0.25	cps
Sulfur	34-1	186546	182252	183646	184148	1.19	cps
Terbium	159-1	38447144	37703108	37142125	37764126	1.73	cps
Terbium	159-2	21780118	21746507	22012596	21846407	0.66	cps
Thallium	203-1	3837	3651	3430	3639	5.59	cps
Thallium	205-1	8853	8760	8733	8782	0.72	cps
Tin	118-1	19907	20304	20318	20177	1.16	cps
Titanium	47-1	959841	988581	993642	980688	1.86	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:22:30	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26026	25671	26056	25918	0.82	cps
Vanadium	51-2	461671	457424	460463	459853	0.48	cps
Yttrium	89-1	43305854	42180038	41521075	42335656	2.13	cps
Yttrium	89-2	9994838	10171926	10002500	10056421	1.00	cps
Zinc	66-2	156312	155402	155557	155757	0.31	cps
Zirconium	90-1	257334	263127	265655	262039	1.63	cps
Zirconium	91-1	57977	58831	59001	58603	0.94	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:25:38	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5174908	5077853	5128430	5127063	0.95	cps
Antimony	121-1	10998	10801	11218	11005	1.90	cps
Arsenic	75-2	38182	37170	37330	37561	1.45	cps
Barium	135-1	1117584	1122611	1121685	1120626	0.24	cps
Barium	137-1	1919614	1926865	1957352	1934611	1.04	cps
Beryllium	9-1	1211	1156	1222	1196	2.99	cps
Bismuth	209-1	19879248	20607022	20550018	20345429	1.99	cps
Bismuth	209-2	14332538	14192910	14241673	14255707	0.50	cps
Bromine	81-1	22113	22337	22370	22274	0.63	cps
Bromine	81-2	847	887	787	840	5.99	cps
Cadmium	108-1	553	480	453	496	10.45	cps
Cadmium	106-1	10837	10561	10847	10748	1.51	cps
Cadmium	111-1	7078	7054	7145	7092	0.67	cps
Calcium	43-1	171062	172276	172444	171927	0.44	cps
Calcium	44-1	2746559	2688854	2688325	2707913	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249668	248800	249579	249349	0.19	cps
Cobalt	59-2	313968	311439	313072	312826	0.41	cps
Copper	63-2	1508181	1489178	1514363	1503907	0.87	cps
Dysprosium	156-1	58023	58401	58682	58368	0.57	cps
Dysprosium	156-2	45346	46343	45045	45578	1.49	cps
Erbium	164-1	42718	43033	42635	42795	0.49	cps
Erbium	164-2	26158	26195	25958	26103	0.49	cps
Gadolinium	160-1	51039	52498	50768	51435	1.81	cps
Gadolinium	160-2	34546	34716	34242	34501	0.70	cps
Holmium	165-1	35003004	35508859	35725528	35412464	1.05	cps
Holmium	165-2	21434970	21368441	21329228	21377546	0.25	cps
Indium	115-1	29553276	30321702	29995459	29956812	1.29	cps
Indium	115-2	9672440	9734527	9702648	9703205	0.32	cps
Iron	56-2	258667776	258547356	258543996	258586376	0.03	cps
Iron	57-2	6435112	6380692	6416819	6410874	0.43	cps
Iron	54-2	14178136	14289266	14125164	14197522	0.59	cps
Krypton	83-1	470	483	457	470	2.84	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:25:38	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	584497	585848	585068	585137	0.12	cps
Lead	207-1	511714	510714	513336	511921	0.26	cps
Lead	208-1	2345855	2336291	2343519	2341888	0.21	cps
Lithium	6-1	2753022	2706129	2757816	2738989	1.04	cps
Magnesium	24-2	3319486	3260056	3291990	3290510	0.90	cps
Manganese	55-2	8375734	8436791	8373088	8395205	0.43	cps
Molybdenum	94-1	99857	99522	98767	99382	0.56	cps
Molybdenum	95-1	4241	4177	3941	4120	3.84	cps
Molybdenum	96-1	23295	23315	23953	23521	1.59	cps
Molybdenum	97-1	2387	2574	2854	2605	9.02	cps
Molybdenum	98-1	6515	6355	6755	6542	3.08	cps
Neodymium	150-1	119847	117713	119522	119027	0.97	cps
Neodymium	150-2	62739	63100	61165	62335	1.65	cps
Nickel	60-2	133077	131285	132458	132274	0.69	cps
Phosphorus	31-2	17043	17180	16913	17045	0.78	cps
Potassium	39-2	2326842	2321808	2314587	2321079	0.27	cps
Rhodium	103-1	28464060	28721303	29139525	28774963	1.18	cps
Rhodium	103-2	16465017	16681821	16570726	16572521	0.65	cps
Scandium	45-1	15370835	15578116	15694475	15547809	1.05	cps
Scandium	45-2	1356616	1371993	1367958	1365522	0.58	cps
Selenium	82-1	1547	1707	1526	1594	6.20	cps
Selenium	77-2	270	233	233	246	8.62	cps
Selenium	78-2	687	710	770	722	5.95	cps
Silicon	28-1	19672139	19390114	19672726	19578326	0.83	cps
Silver	107-1	9920	9920	9620	9820	1.76	cps
Silver	109-1	9156	9163	9246	9189	0.55	cps
Sodium	23-2	82476	81015	82402	81964	1.00	cps
Strontium	86-1	226031	226153	224560	225581	0.39	cps
Strontium	88-1	1960201	1960009	1943988	1954733	0.48	cps
Sulfur	34-1	187707	184890	185103	185900	0.84	cps
Terbium	159-1	35590884	36683028	36711834	36328582	1.76	cps
Terbium	159-2	21937320	21925433	21581307	21814687	0.93	cps
Thallium	203-1	3681	3584	3617	3627	1.35	cps
Thallium	205-1	8459	8486	8273	8406	1.38	cps
Tin	118-1	19857	20461	20581	20300	1.91	cps
Titanium	47-1	1005649	1009182	1009661	1008164	0.22	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:25:38	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26510	26590	26316	26472	0.53	cps
Vanadium	51-2	469500	463854	463864	465739	0.70	cps
Yttrium	89-1	40465293	41055035	40906149	40808826	0.75	cps
Yttrium	89-2	10008645	10040320	9916327	9988431	0.64	cps
Zinc	66-2	153358	153688	152708	153252	0.33	cps
Zirconium	90-1	266192	265546	264495	265411	0.32	cps
Zirconium	91-1	58857	59423	59008	59096	0.50	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5D6L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 07:28:44	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	963596	969364	961962	964974	0.40	cps
Antimony	121-1	2257	2317	2414	2329	3.39	cps
Arsenic	75-2	7138	7015	7362	7172	2.45	cps
Barium	135-1	216116	221447	222460	220008	1.55	cps
Barium	137-1	379167	386472	384032	383224	0.97	cps
Beryllium	9-1	200	283	261	248	17.39	cps
Bismuth	209-1	21869686	20666753	20131551	20889330	4.26	cps
Bismuth	209-2	14406025	14316866	14091555	14271482	1.14	cps
Bromine	81-1	19820	19216	19450	19495	1.56	cps
Bromine	81-2	320	290	250	287	12.25	cps
Cadmium	108-1	117	103	103	108	7.15	cps
Cadmium	106-1	10924	10037	9994	10318	5.09	cps
Cadmium	111-1	2253	2166	2172	2197	2.20	cps
Calcium	43-1	32869	33744	32899	33171	1.50	cps
Calcium	44-1	555007	572022	569073	565368	1.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50856	50504	50498	50619	0.40	cps
Cobalt	59-2	60516	60513	59399	60143	1.07	cps
Copper	63-2	289652	286451	287953	288019	0.56	cps
Dysprosium	156-1	10601	10921	10554	10692	1.87	cps
Dysprosium	156-2	8573	8383	8689	8548	1.81	cps
Erbium	164-1	7635	7902	8079	7872	2.84	cps
Erbium	164-2	4894	4798	4971	4888	1.78	cps
Gadolinium	160-1	9507	9537	9533	9526	0.17	cps
Gadolinium	160-2	7275	7172	7482	7310	2.16	cps
Holmium	165-1	38498126	35811008	35460687	36589940	4.54	cps
Holmium	165-2	21411447	21469894	21232331	21371224	0.58	cps
Indium	115-1	33520580	31448826	30542742	31837383	4.79	cps
Indium	115-2	9728578	9761884	9860951	9783804	0.70	cps
Iron	56-2	49693708	49879094	49564914	49712572	0.32	cps
Iron	57-2	1285030	1272491	1278448	1278656	0.49	cps
Iron	54-2	2726398	2752899	2747087	2742128	0.51	cps
Krypton	83-1	407	500	510	472	12.07	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5D6L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 07:28:44	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	106803	108174	108953	107976	1.01	cps
Lead	207-1	92828	94174	95358	94120	1.35	cps
Lead	208-1	426557	433029	434197	431261	0.95	cps
Lithium	6-1	2943103	2797988	2773476	2838189	3.23	cps
Magnesium	24-2	628867	619411	617179	621819	1.00	cps
Manganese	55-2	1698821	1671669	1674408	1681633	0.89	cps
Molybdenum	94-1	19536	19563	19820	19640	0.80	cps
Molybdenum	95-1	960	847	930	912	6.44	cps
Molybdenum	96-1	4747	4971	4511	4743	4.85	cps
Molybdenum	97-1	597	543	513	551	7.66	cps
Molybdenum	98-1	1247	1307	1593	1382	13.40	cps
Neodymium	150-1	21303	21834	22355	21830	2.41	cps
Neodymium	150-2	11805	11965	11695	11822	1.15	cps
Nickel	60-2	26690	25335	25816	25947	2.65	cps
Phosphorus	31-2	3417	3470	3404	3430	1.03	cps
Potassium	39-2	530266	526544	528029	528280	0.35	cps
Rhodium	103-1	31555489	30026636	29633752	30405292	3.34	cps
Rhodium	103-2	16713805	16764844	16821636	16766762	0.32	cps
Scandium	45-1	17089638	16023285	15520617	16211180	4.94	cps
Scandium	45-2	1373057	1365628	1359847	1366177	0.48	cps
Selenium	82-1	1613	1388	1402	1468	8.59	cps
Selenium	77-2	47	43	43	44	4.34	cps
Selenium	78-2	620	587	573	593	4.05	cps
Silicon	28-1	4642562	4714675	4711622	4689620	0.87	cps
Silver	107-1	1837	1900	1763	1833	3.73	cps
Silver	109-1	1750	1690	1583	1675	5.04	cps
Sodium	23-2	45641	46330	45551	45840	0.93	cps
Strontium	86-1	41187	42779	42866	42277	2.23	cps
Strontium	88-1	360358	367602	371524	366495	1.55	cps
Sulfur	34-1	180023	182090	179699	180604	0.72	cps
Terbium	159-1	39096209	37011082	35906959	37338083	4.34	cps
Terbium	159-2	21727673	21470823	21379379	21525958	0.84	cps
Thallium	203-1	1137	1053	1050	1080	4.55	cps
Thallium	205-1	2647	2600	2640	2629	0.96	cps
Tin	118-1	6405	6231	6241	6293	1.55	cps
Titanium	47-1	188803	192698	192515	191339	1.15	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5D6L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 07:28:44	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4788	4918	4741	4815	1.90	cps
Vanadium	51-2	88383	88719	88118	88407	0.34	cps
Yttrium	89-1	44240479	41183233	40915640	42113117	4.39	cps
Yttrium	89-2	9842447	9930934	9923973	9899118	0.50	cps
Zinc	66-2	30895	30307	31116	30773	1.36	cps
Zirconium	90-1	51396	52396	53560	52451	2.07	cps
Zirconium	91-1	11511	11538	11334	11461	0.97	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:32:00	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5083953	5096455	5038320	5072909	0.60	cps
Antimony	121-1	357057	368175	370179	365137	1.94	cps
Arsenic	75-2	43998	43717	43928	43881	0.33	cps
Barium	135-1	2752842	2869602	2848800	2823748	2.21	cps
Barium	137-1	4755806	4909876	4905933	4857205	1.81	cps
Beryllium	9-1	15714	15463	15185	15454	1.71	cps
Bismuth	209-1	19833898	20311201	20158711	20101270	1.21	cps
Bismuth	209-2	14196094	14198654	14260902	14218550	0.26	cps
Bromine	81-1	20034	20144	20962	20380	2.49	cps
Bromine	81-2	703	677	710	697	2.53	cps
Cadmium	108-1	3420	3784	3654	3619	5.09	cps
Cadmium	106-1	15155	14687	14501	14781	2.28	cps
Cadmium	111-1	50084	52286	51574	51315	2.19	cps
Calcium	43-1	162763	167584	167992	166113	1.75	cps
Calcium	44-1	2523430	2652599	2633931	2603320	2.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	544352	538333	536624	539770	0.75	cps
Cobalt	59-2	1657523	1653953	1633305	1648260	0.79	cps
Copper	63-2	1895796	1904062	1888183	1896014	0.42	cps
Dysprosium	156-1	54117	55987	55218	55108	1.71	cps
Dysprosium	156-2	44510	43969	43992	44157	0.69	cps
Erbium	164-1	39279	40576	40445	40100	1.78	cps
Erbium	164-2	25400	24859	24512	24923	1.80	cps
Gadolinium	160-1	47912	48313	48564	48263	0.68	cps
Gadolinium	160-2	33457	33543	33119	33373	0.67	cps
Holmium	165-1	35002795	35213118	34816339	35010751	0.57	cps
Holmium	165-2	21557831	21325416	21447495	21443581	0.54	cps
Indium	115-1	29506224	30563264	30091806	30053765	1.76	cps
Indium	115-2	9772353	9668493	9562163	9667670	1.09	cps
Iron	56-2	256505176	256610716	255560536	256225476	0.23	cps
Iron	57-2	6365051	6287538	6285100	6312563	0.72	cps
Iron	54-2	13942668	13969139	14070017	13993941	0.48	cps
Krypton	83-1	383	583	413	460	23.45	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:32:00	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	589049	608303	617841	605064	2.42	cps
Lead	207-1	521071	530125	536534	529243	1.47	cps
Lead	208-1	2371274	2437161	2455024	2421153	1.82	cps
Lithium	6-1	2819059	2850768	2798454	2822760	0.93	cps
Magnesium	24-2	3212662	3215460	3221876	3216666	0.15	cps
Manganese	55-2	8987339	8978223	8928000	8964521	0.36	cps
Molybdenum	94-1	95296	97069	98227	96864	1.52	cps
Molybdenum	95-1	4017	4284	4244	4182	3.44	cps
Molybdenum	96-1	22210	23472	23369	23017	3.04	cps
Molybdenum	97-1	2520	2650	2474	2548	3.59	cps
Molybdenum	98-1	6335	6702	6545	6527	2.82	cps
Neodymium	150-1	110278	114383	112918	112526	1.85	cps
Neodymium	150-2	61483	60084	60238	60602	1.27	cps
Nickel	60-2	448167	444853	441706	444909	0.73	cps
Phosphorus	31-2	16382	16315	16699	16466	1.25	cps
Potassium	39-2	2237020	2264405	2299214	2266880	1.38	cps
Rhodium	103-1	28450181	29007991	29384260	28947478	1.62	cps
Rhodium	103-2	16715191	16496037	16533127	16581452	0.71	cps
Scandium	45-1	15667035	15728711	15456321	15617355	0.91	cps
Scandium	45-2	1377661	1377653	1354044	1369786	1.00	cps
Selenium	82-1	7982	7876	7857	7905	0.85	cps
Selenium	77-2	773	790	757	773	2.15	cps
Selenium	78-2	2710	2970	2707	2796	5.40	cps
Silicon	28-1	18857794	19168149	18883898	18969947	0.91	cps
Silver	107-1	202120	211873	210723	208239	2.56	cps
Silver	109-1	195045	203032	202710	200262	2.26	cps
Sodium	23-2	74335	75005	74915	74751	0.49	cps
Strontium	86-1	210567	218108	219556	216077	2.23	cps
Strontium	88-1	1859155	1882776	1901262	1881064	1.12	cps
Sulfur	34-1	183703	180566	178283	180851	1.50	cps
Terbium	159-1	35839567	35816335	35939009	35864970	0.18	cps
Terbium	159-2	21443596	21585946	21838740	21622761	0.93	cps
Thallium	203-1	155070	157894	157334	156766	0.95	cps
Thallium	205-1	361283	375265	378634	371727	2.48	cps
Tin	118-1	27179	27112	26902	27065	0.54	cps
Titanium	47-1	963781	995117	993236	984045	1.79	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:32:00	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24810	25381	25030	25074	1.15	cps
Vanadium	51-2	1079836	1077426	1072377	1076546	0.35	cps
Yttrium	89-1	40374851	40839510	40885643	40700001	0.69	cps
Yttrium	89-2	9983589	9929907	9958484	9957327	0.27	cps
Zinc	66-2	284543	283074	283633	283750	0.26	cps
Zirconium	90-1	251989	258402	259759	256717	1.62	cps
Zirconium	91-1	56511	58031	57907	57483	1.47	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:35:05	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5460981	5450931	5540497	5484136	0.89	cps
Antimony	121-1	1837610	1867093	1879402	1861368	1.15	cps
Arsenic	75-2	73601	73983	73702	73762	0.27	cps
Barium	135-1	9834307	10059921	10003669	9965966	1.18	cps
Barium	137-1	17327256	17374793	17328252	17343434	0.16	cps
Beryllium	9-1	74629	75147	75885	75220	0.84	cps
Bismuth	209-1	21178103	20998601	20937725	21038143	0.59	cps
Bismuth	209-2	14188622	14394994	14189871	14257829	0.83	cps
Bromine	81-1	19984	20348	20030	20121	0.98	cps
Bromine	81-2	717	740	737	731	1.73	cps
Cadmium	108-1	16606	17017	17214	16946	1.83	cps
Cadmium	106-1	32851	33365	32476	32897	1.36	cps
Cadmium	111-1	238350	241121	242100	240524	0.81	cps
Calcium	43-1	156309	158983	160980	158757	1.48	cps
Calcium	44-1	2609040	2601748	2606971	2605920	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1763680	1796544	1788494	1782906	0.96	cps
Cobalt	59-2	7433727	7378307	7340388	7384141	0.64	cps
Copper	63-2	3649544	3667264	3660608	3659139	0.24	cps
Dysprosium	156-1	51969	53334	54572	53292	2.44	cps
Dysprosium	156-2	43166	43568	43123	43286	0.57	cps
Erbium	164-1	38416	38356	38971	38581	0.88	cps
Erbium	164-2	24431	24822	24739	24664	0.83	cps
Gadolinium	160-1	46096	47219	48106	47140	2.14	cps
Gadolinium	160-2	32424	32013	32117	32185	0.66	cps
Holmium	165-1	36010315	37352501	36066773	36476530	2.08	cps
Holmium	165-2	21435867	21557183	21449002	21480684	0.31	cps
Indium	115-1	31472480	31353172	30888770	31238141	0.99	cps
Indium	115-2	9699800	9768749	9708791	9725780	0.39	cps
Iron	56-2	253987956	254862630	253694063	254181550	0.24	cps
Iron	57-2	6297796	6225742	6185291	6236276	0.91	cps
Iron	54-2	13954063	14048581	13955554	13986066	0.39	cps
Krypton	83-1	503	433	530	489	10.21	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:35:05	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	782835	798752	801441	794343	1.27	cps
Lead	207-1	680620	699802	702526	694316	1.72	cps
Lead	208-1	3139083	3199700	3222896	3187226	1.36	cps
Lithium	6-1	2924781	2884176	2767859	2858939	2.85	cps
Magnesium	24-2	3109313	3079709	3112319	3100447	0.58	cps
Manganese	55-2	10960564	11043923	10927304	10977263	0.55	cps
Molybdenum	94-1	92315	94193	94475	93661	1.25	cps
Molybdenum	95-1	4147	4074	4294	4172	2.69	cps
Molybdenum	96-1	22154	22621	22948	22574	1.77	cps
Molybdenum	97-1	2410	2454	2420	2428	0.93	cps
Molybdenum	98-1	6085	6485	6522	6364	3.81	cps
Neodymium	150-1	108531	108476	110448	109152	1.03	cps
Neodymium	150-2	59418	58752	59261	59143	0.59	cps
Nickel	60-2	1792701	1791755	1760611	1781689	1.02	cps
Phosphorus	31-2	15558	15498	15611	15556	0.36	cps
Potassium	39-2	2218272	2159075	2208798	2195382	1.45	cps
Rhodium	103-1	29710144	30220032	29817041	29915739	0.90	cps
Rhodium	103-2	16622677	16539811	16453086	16538525	0.51	cps
Scandium	45-1	16499874	16364176	16112821	16325623	1.20	cps
Scandium	45-2	1368282	1331339	1350302	1349974	1.37	cps
Selenium	82-1	33183	34185	33652	33673	1.49	cps
Selenium	77-2	3350	3400	3164	3305	3.78	cps
Selenium	78-2	11208	11081	10998	11095	0.95	cps
Silicon	28-1	18094977	18200246	18108988	18134737	0.32	cps
Silver	107-1	1028053	1047789	1060229	1045357	1.55	cps
Silver	109-1	990348	1010592	1013247	1004729	1.25	cps
Sodium	23-2	73923	73826	73250	73666	0.49	cps
Strontium	86-1	205889	208471	208004	207455	0.66	cps
Strontium	88-1	1802416	1802010	1826894	1810440	0.79	cps
Sulfur	34-1	177265	177292	173971	176176	1.08	cps
Terbium	159-1	37669609	37936695	37042325	37549543	1.22	cps
Terbium	159-2	21781565	21766148	21540336	21696016	0.62	cps
Thallium	203-1	792922	810977	806798	803565	1.18	cps
Thallium	205-1	1849015	1841968	1881348	1857444	1.13	cps
Tin	118-1	20311	19797	20194	20101	1.34	cps
Titanium	47-1	929882	936483	945603	937323	0.84	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5D6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 07:35:05	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23564	24499	24122	24062	1.96	cps
Vanadium	51-2	3664070	3694531	3677330	3678643	0.42	cps
Yttrium	89-1	42223467	42363616	41420189	42002424	1.21	cps
Yttrium	89-2	10127519	9986817	9985268	10033202	0.81	cps
Zinc	66-2	862530	851485	852397	855470	0.72	cps
Zirconium	90-1	245500	247834	250281	247872	0.96	cps
Zirconium	91-1	54123	55146	56284	55184	1.96	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-01	Instrumnet Name :	P7
Client Sample ID :	MYE5D3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:38:54	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34667603	33963563	34537099	34389422	1.09	cps
Antimony	121-1	30218	30165	30947	30443	1.43	cps
Arsenic	75-2	219177	214948	215983	216703	1.02	cps
Barium	135-1	5427894	5464302	5356221	5416139	1.02	cps
Barium	137-1	9373000	9377588	9361079	9370556	0.09	cps
Beryllium	9-1	5601	5496	5651	5583	1.42	cps
Bismuth	209-1	19947282	20333948	20283874	20188368	1.04	cps
Bismuth	209-2	13813694	13680476	14302943	13932371	2.35	cps
Bromine	81-1	41110	44259	45018	43463	4.77	cps
Bromine	81-2	5511	5551	5494	5519	0.53	cps
Cadmium	108-1	1277	1183	1137	1199	5.95	cps
Cadmium	106-1	12449	12405	12582	12479	0.74	cps
Cadmium	111-1	12365	12065	12012	12147	1.57	cps
Calcium	43-1	1056691	1047771	1041777	1048747	0.72	cps
Calcium	44-1	16250314	16199402	16176853	16208857	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1482196	1481349	1475885	1479810	0.23	cps
Cobalt	59-2	1457686	1435707	1447319	1446904	0.76	cps
Copper	63-2	2663415	2651410	2607327	2640717	1.12	cps
Dysprosium	156-1	272664	273634	275478	273925	0.52	cps
Dysprosium	156-2	203678	204561	206113	204784	0.60	cps
Erbium	164-1	216363	222061	221709	220045	1.45	cps
Erbium	164-2	134739	134490	131028	133419	1.56	cps
Gadolinium	160-1	257867	258312	262034	259405	0.88	cps
Gadolinium	160-2	169335	169320	167059	168572	0.78	cps
Holmium	165-1	35324574	35749358	36194690	35756207	1.22	cps
Holmium	165-2	21213077	21480455	21866900	21520144	1.53	cps
Indium	115-1	29500799	29821063	29728114	29683325	0.56	cps
Indium	115-2	9426305	9409710	9614337	9483451	1.20	cps
Iron	56-2	1442513685	1451341952	1438816139	1444223925	0.45	cps
Iron	57-2	35664320	35523129	35282934	35490128	0.54	cps
Iron	54-2	79061385	79086369	78688070	78945275	0.28	cps
Krypton	83-1	700	720	767	729	4.69	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-01	Instrumnet Name :	P7
Client Sample ID :	MYE5D3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:38:54	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1215493	1230853	1230509	1225618	0.72	cps
Lead	207-1	1044728	1055086	1064174	1054663	0.92	cps
Lead	208-1	4755308	4802051	4878045	4811802	1.29	cps
Lithium	6-1	2665178	2560451	2561393	2595674	2.32	cps
Magnesium	24-2	21642311	21135181	21655023	21477505	1.38	cps
Manganese	55-2	41275659	40890141	40514389	40893396	0.93	cps
Molybdenum	94-1	287162	287562	289510	288078	0.44	cps
Molybdenum	95-1	19640	19737	19620	19666	0.32	cps
Molybdenum	96-1	82782	82471	81630	82294	0.72	cps
Molybdenum	97-1	11561	11801	12365	11909	3.47	cps
Molybdenum	98-1	29977	30225	29904	30035	0.56	cps
Neodymium	150-1	521922	523371	524030	523108	0.21	cps
Neodymium	150-2	276708	273742	273415	274622	0.66	cps
Nickel	60-2	574609	571779	568319	571569	0.55	cps
Phosphorus	31-2	43970	43304	43325	43533	0.87	cps
Potassium	39-2	7282063	7035028	7316062	7211051	2.13	cps
Rhodium	103-1	27666359	28110723	28074562	27950548	0.88	cps
Rhodium	103-2	16312762	15971985	16438244	16240997	1.49	cps
Scandium	45-1	15991669	16171763	16138508	16100647	0.60	cps
Scandium	45-2	1432218	1415669	1439683	1429190	0.86	cps
Selenium	82-1	1921	1940	1829	1896	3.13	cps
Selenium	77-2	967	1030	940	979	4.72	cps
Selenium	78-2	1330	1280	1187	1266	5.75	cps
Silicon	28-1	70572366	68917062	68370149	69286526	1.65	cps
Silver	107-1	13606	12779	12385	12924	4.82	cps
Silver	109-1	12455	12215	12382	12351	1.00	cps
Sodium	23-2	302063	299512	302461	301345	0.53	cps
Strontium	86-1	957163	958256	956692	957370	0.08	cps
Strontium	88-1	8384128	8322916	8348414	8351819	0.37	cps
Sulfur	34-1	206154	200328	200119	202200	1.69	cps
Terbium	159-1	36358148	36727026	36646207	36577127	0.53	cps
Terbium	159-2	21990721	21724650	21723656	21813009	0.71	cps
Thallium	203-1	13854	14124	13710	13896	1.51	cps
Thallium	205-1	32536	32435	32699	32557	0.41	cps
Tin	118-1	65512	65247	66275	65678	0.81	cps
Titanium	47-1	3270243	3277611	3306230	3284695	0.58	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-01	Instrumnet Name :	P7
Client Sample ID :	MYE5D3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:38:54	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	114386	117287	117838	116504	1.59	cps
Vanadium	51-2	2694649	2677536	2685712	2685965	0.32	cps
Yttrium	89-1	42353741	42444298	42695524	42497854	0.42	cps
Yttrium	89-2	10429889	10480637	10456559	10455695	0.24	cps
Zinc	66-2	500078	499405	494111	497865	0.66	cps
Zirconium	90-1	756387	751758	750155	752767	0.43	cps
Zirconium	91-1	168198	168056	169152	168469	0.35	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:41:54	DataFile Name :	166CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25594689	25765175	25700245	25686703	0.33	cps
Antimony	121-1	12767376	12807579	12790565	12788506	0.16	cps
Arsenic	75-2	699223	699234	696714	698390	0.21	cps
Barium	135-1	14971215	15076072	15027559	15024949	0.35	cps
Barium	137-1	26140597	26089745	26123960	26118100	0.10	cps
Beryllium	9-1	981176	1025109	1028158	1011481	2.60	cps
Bismuth	209-1	17942025	18419618	18641912	18334518	1.95	cps
Bismuth	209-2	12814739	12817819	12779754	12804104	0.17	cps
Bromine	81-1	19092	19526	19436	19352	1.18	cps
Bromine	81-2	327	227	287	280	17.98	cps
Cadmium	108-1	247209	250189	251669	249689	0.91	cps
Cadmium	106-1	358384	364768	365073	362742	1.04	cps
Cadmium	111-1	3283175	3328366	3317727	3309756	0.71	cps
Calcium	43-1	14758908	15046034	15040766	14948569	1.10	cps
Calcium	44-1	257314830	263219341	261662219	260732130	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5080898	5099818	5086120	5088945	0.19	cps
Cobalt	59-2	9817364	9906008	9853268	9858880	0.45	cps
Copper	63-2	62903789	63142881	63040727	63029132	0.19	cps
Dysprosium	156-1	590	560	693	614	11.38	cps
Dysprosium	156-2	867	917	933	906	3.83	cps
Erbium	164-1	700	667	693	687	2.57	cps
Erbium	164-2	477	403	447	442	8.34	cps
Gadolinium	160-1	580	593	637	603	4.91	cps
Gadolinium	160-2	1250	1270	1323	1281	2.96	cps
Holmium	165-1	33341585	34745234	34350840	34145886	2.12	cps
Holmium	165-2	21144756	20811172	21152151	21036027	0.93	cps
Indium	115-1	27505809	27625235	28286786	27805943	1.51	cps
Indium	115-2	9192655	9249578	9285546	9242593	0.51	cps
Iron	56-2	1125042437	1115310277	1119663877	1120005530	0.44	cps
Iron	57-2	27990149	28090093	28003577	28027940	0.19	cps
Iron	54-2	61496909	61150537	61295884	61314444	0.28	cps
Krypton	83-1	527	400	453	460	13.83	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:41:54	DataFile Name :	166CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41692083	42429527	41651704	41924438	1.04	cps
Lead	207-1	36035703	36790159	36476764	36434209	1.04	cps
Lead	208-1	167297201	168688072	168068018	168017763	0.41	cps
Lithium	6-1	2580408	2602074	2716648	2633043	2.78	cps
Magnesium	24-2	219720243	225129070	224418877	223089397	1.32	cps
Manganese	55-2	37761328	37528689	37420229	37570082	0.46	cps
Molybdenum	94-1	45272919	45507524	45321801	45367415	0.27	cps
Molybdenum	95-1	65720844	65742357	65639594	65700932	0.08	cps
Molybdenum	96-1	71623051	72043226	71916729	71861002	0.30	cps
Molybdenum	97-1	40520425	40749437	40985572	40751811	0.57	cps
Molybdenum	98-1	104435165	105350832	105714868	105166955	0.63	cps
Neodymium	150-1	807	883	997	896	10.67	cps
Neodymium	150-2	287	253	230	257	11.10	cps
Nickel	60-2	2214176	2268110	2237866	2240050	1.21	cps
Phosphorus	31-2	257516	262560	261920	260666	1.05	cps
Potassium	39-2	129553458	130162941	131548541	130421647	0.78	cps
Rhodium	103-1	25102000	25796571	26038745	25645772	1.90	cps
Rhodium	103-2	15257518	15162231	15014466	15144738	0.81	cps
Scandium	45-1	14389855	14973468	15076205	14813176	2.50	cps
Scandium	45-2	1329567	1364879	1357969	1350805	1.39	cps
Selenium	82-1	199861	202921	202799	201860	0.86	cps
Selenium	77-2	19740	19359	19723	19607	1.10	cps
Selenium	78-2	65882	65665	65651	65733	0.20	cps
Silicon	28-1	7370303	7449122	7580228	7466551	1.42	cps
Silver	107-1	16556521	16766142	16869340	16730668	0.95	cps
Silver	109-1	16178852	16001591	16088817	16089754	0.55	cps
Sodium	23-2	355239781	363897515	356882675	358673324	1.28	cps
Strontium	86-1	4266352	4249661	4307870	4274628	0.70	cps
Strontium	88-1	37599766	37446864	37644390	37563674	0.28	cps
Sulfur	34-1	1065651	1075587	1072154	1071131	0.47	cps
Terbium	159-1	34141995	34775063	35112050	34676369	1.42	cps
Terbium	159-2	21415525	21230797	20988480	21211601	1.01	cps
Thallium	203-1	10317693	10495604	10467784	10427027	0.92	cps
Thallium	205-1	25139231	25140133	24966603	25081989	0.40	cps
Tin	118-1	10345367	10371369	10514893	10410543	0.88	cps
Titanium	47-1	14627950	14794494	14727834	14716759	0.57	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:41:54	DataFile Name :	166CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33534299	34185939	33695334	33805191	1.00	cps
Vanadium	51-2	4494091	4502897	4584069	4527019	1.10	cps
Yttrium	89-1	37428347	38504054	38479274	38137225	1.61	cps
Yttrium	89-2	9812239	9797714	9786074	9798676	0.13	cps
Zinc	66-2	9447318	9549183	9420790	9472430	0.72	cps
Zirconium	90-1	21758479	21988872	21793496	21846949	0.57	cps
Zirconium	91-1	4850404	4861670	4893073	4868383	0.45	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:44:37	DataFile Name :	167CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	687	593	617	632	7.68	cps
Antimony	121-1	4354	5564	7459	5792	27.02	cps
Arsenic	75-2	27	60	43	43	38.46	cps
Barium	135-1	1017	657	490	721	37.33	cps
Barium	137-1	1647	1203	817	1222	33.98	cps
Beryllium	9-1	178	89	106	124	38.08	cps
Bismuth	209-1	20027512	20024036	20210242	20087263	0.53	cps
Bismuth	209-2	14267188	14083876	14318864	14223309	0.87	cps
Bromine	81-1	19433	19293	19396	19374	0.38	cps
Bromine	81-2	187	207	170	188	9.78	cps
Cadmium	108-1	43	47	47	46	4.23	cps
Cadmium	106-1	10724	10667	10284	10558	2.27	cps
Cadmium	111-1	1359	1299	1200	1286	6.25	cps
Calcium	43-1	1370	1117	953	1147	18.31	cps
Calcium	44-1	60426	54563	51779	55589	7.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1963	2020	1910	1965	2.80	cps
Cobalt	59-2	953	878	807	879	8.34	cps
Copper	63-2	3627	3744	3484	3618	3.60	cps
Dysprosium	156-1	27	17	20	21	24.12	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	120	140	177	146	19.75	cps
Erbium	164-2	93	93	77	88	10.96	cps
Gadolinium	160-1	180	187	157	174	9.03	cps
Gadolinium	160-2	1137	1027	1213	1126	8.34	cps
Holmium	165-1	34672794	34899659	34472138	34681531	0.62	cps
Holmium	165-2	21331268	21164638	21659419	21385108	1.18	cps
Indium	115-1	30606103	30277856	30269978	30384646	0.63	cps
Indium	115-2	10005715	9966844	9972277	9981612	0.21	cps
Iron	56-2	57095	53937	52649	54560	4.19	cps
Iron	57-2	2300	2444	2240	2328	4.49	cps
Iron	54-2	6108	5858	5554	5840	4.75	cps
Krypton	83-1	393	500	430	441	12.29	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:44:37	DataFile Name :	167CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3480	2490	2114	2695	26.20	cps
Lead	207-1	2917	2304	1873	2365	22.18	cps
Lead	208-1	14010	10278	8571	10953	25.39	cps
Lithium	6-1	2936956	2985169	2891579	2937901	1.59	cps
Magnesium	24-2	8072	7599	7002	7557	7.10	cps
Manganese	55-2	1320	1213	1170	1235	6.25	cps
Molybdenum	94-1	4347	4124	3981	4151	4.45	cps
Molybdenum	95-1	4547	3731	3297	3858	16.46	cps
Molybdenum	96-1	5461	4054	3871	4462	19.50	cps
Molybdenum	97-1	2880	2294	2304	2492	13.48	cps
Molybdenum	98-1	7842	5665	5301	6269	21.92	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	980	883	807	890	9.76	cps
Phosphorus	31-2	297	307	237	280	13.52	cps
Potassium	39-2	96681	96386	95792	96286	0.47	cps
Rhodium	103-1	29296745	29382524	29121541	29266937	0.45	cps
Rhodium	103-2	16986893	16702857	16926925	16872225	0.89	cps
Scandium	45-1	15713646	15948324	15810329	15824099	0.75	cps
Scandium	45-2	1410820	1379393	1381998	1390737	1.25	cps
Selenium	82-1	1592	1496	1513	1534	3.32	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	673	673	587	644	7.76	cps
Silicon	28-1	1274487	1295593	1271167	1280416	1.03	cps
Silver	107-1	1727	1167	1033	1309	28.11	cps
Silver	109-1	1413	1140	857	1137	24.49	cps
Sodium	23-2	51553	50553	48245	50117	3.38	cps
Strontium	86-1	917	913	903	911	0.76	cps
Strontium	88-1	2560	1793	1360	1905	31.91	cps
Sulfur	34-1	261274	263579	266889	263914	1.07	cps
Terbium	159-1	35920045	35804473	35382681	35702400	0.79	cps
Terbium	159-2	21803307	21667043	21771686	21747346	0.33	cps
Thallium	203-1	2524	1990	1917	2144	15.45	cps
Thallium	205-1	5668	4971	4454	5031	12.11	cps
Tin	118-1	4214	3784	3721	3906	6.87	cps
Titanium	47-1	1080	763	563	802	32.48	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:44:37	DataFile Name :	167CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2040	1363	987	1463	36.48	cps
Vanadium	51-2	130	110	123	121	8.41	cps
Yttrium	89-1	40401164	40843534	40464101	40569600	0.59	cps
Yttrium	89-2	10077701	10035462	10141376	10084846	0.53	cps
Zinc	66-2	953	870	977	933	6.01	cps
Zirconium	90-1	5088	5201	5718	5335	6.30	cps
Zirconium	91-1	1047	1067	1177	1097	6.38	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-02	Instrumnet Name :	P7
Client Sample ID :	MYE5D4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:47:51	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20041393	20140300	20061847	20081180	0.26	cps
Antimony	121-1	63503	65502	65706	64903	1.88	cps
Arsenic	75-2	227512	228011	228898	228140	0.31	cps
Barium	135-1	6748322	6774596	6709353	6744090	0.49	cps
Barium	137-1	11822494	11778549	11684306	11761783	0.60	cps
Beryllium	9-1	4806	4412	4428	4549	4.91	cps
Bismuth	209-1	20193218	20330056	20627314	20383529	1.09	cps
Bismuth	209-2	13857462	13966891	14040004	13954786	0.66	cps
Bromine	81-1	30354	30004	31246	30535	2.10	cps
Bromine	81-2	2520	2404	2357	2427	3.47	cps
Cadmium	108-1	2700	2550	2687	2646	3.14	cps
Cadmium	106-1	16132	15518	15271	15641	2.83	cps
Cadmium	111-1	33749	34511	34667	34309	1.43	cps
Calcium	43-1	528194	528725	519433	525450	0.99	cps
Calcium	44-1	8181085	8258322	8066265	8168557	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1202738	1190196	1176976	1189970	1.08	cps
Cobalt	59-2	1478302	1467810	1464678	1470263	0.49	cps
Copper	63-2	9787949	9774289	9692640	9751626	0.53	cps
Dysprosium	156-1	269883	271560	271147	270863	0.32	cps
Dysprosium	156-2	202056	202742	202709	202502	0.19	cps
Erbium	164-1	202939	203834	205669	204147	0.68	cps
Erbium	164-2	122502	123339	122891	122911	0.34	cps
Gadolinium	160-1	238525	238094	239369	238663	0.27	cps
Gadolinium	160-2	155230	152962	154358	154183	0.74	cps
Holmium	165-1	35963989	35897078	36414504	36091857	0.78	cps
Holmium	165-2	21840555	21442519	21563341	21615471	0.94	cps
Indium	115-1	30793201	31349748	30808841	30983930	1.02	cps
Indium	115-2	10054445	10016619	9884308	9985124	0.89	cps
Iron	56-2	1202178222	1198315102	1198615315	1199702880	0.18	cps
Iron	57-2	29783440	29491006	29534265	29602904	0.53	cps
Iron	54-2	66365496	65532126	64993192	65630271	1.05	cps
Krypton	83-1	803	757	757	772	3.49	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-02	Instrumnet Name :	P7
Client Sample ID :	MYE5D4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:47:51	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2927092	2968870	2899790	2931917	1.19	cps
Lead	207-1	2564440	2635530	2656335	2618768	1.84	cps
Lead	208-1	11827750	11974876	11957538	11920055	0.67	cps
Lithium	6-1	2716432	2735306	2633956	2695231	2.00	cps
Magnesium	24-2	13941230	13795250	13682506	13806329	0.94	cps
Manganese	55-2	78368312	77954181	77914621	78079038	0.32	cps
Molybdenum	94-1	229389	229748	227056	228731	0.64	cps
Molybdenum	95-1	34564	35643	35784	35331	1.89	cps
Molybdenum	96-1	83413	84268	83427	83702	0.58	cps
Molybdenum	97-1	20424	20855	20952	20744	1.35	cps
Molybdenum	98-1	52347	52430	52092	52290	0.34	cps
Neodymium	150-1	484278	492689	491786	489584	0.94	cps
Neodymium	150-2	259511	257470	255939	257640	0.70	cps
Nickel	60-2	547771	546922	541401	545365	0.63	cps
Phosphorus	31-2	62293	62246	61992	62177	0.26	cps
Potassium	39-2	12264021	12207132	12046545	12172566	0.93	cps
Rhodium	103-1	29987403	30089255	29673330	29916662	0.72	cps
Rhodium	103-2	17266192	17023369	17102146	17130569	0.72	cps
Scandium	45-1	17199087	17135786	17127490	17154121	0.23	cps
Scandium	45-2	1542766	1539567	1506171	1529501	1.33	cps
Selenium	82-1	2039	2050	2128	2072	2.33	cps
Selenium	77-2	953	1003	860	939	7.75	cps
Selenium	78-2	1367	1463	1483	1438	4.34	cps
Silicon	28-1	71737809	70515961	69109792	70454521	1.87	cps
Silver	107-1	47019	47133	47183	47112	0.18	cps
Silver	109-1	45418	45642	44682	45247	1.11	cps
Sodium	23-2	253998	253944	254941	254294	0.22	cps
Strontium	86-1	697519	698672	688299	694830	0.82	cps
Strontium	88-1	6116483	6012932	6011338	6046918	1.00	cps
Sulfur	34-1	260438	238347	226300	241695	7.16	cps
Terbium	159-1	37130824	37174964	37370004	37225264	0.34	cps
Terbium	159-2	22156634	22162437	22337043	22218705	0.46	cps
Thallium	203-1	17455	16737	18906	17699	6.24	cps
Thallium	205-1	41279	40179	42723	41394	3.08	cps
Tin	118-1	69316	70066	69634	69672	0.54	cps
Titanium	47-1	4209029	4181742	4128810	4173194	0.98	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-02	Instrumnet Name :	P7
Client Sample ID :	MYE5D4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:47:51	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	137534	139858	144207	140533	2.41	cps
Vanadium	51-2	2232525	2202401	2208555	2214493	0.72	cps
Yttrium	89-1	45281933	45124734	44989218	45131962	0.32	cps
Yttrium	89-2	11148106	11065602	11116659	11110122	0.37	cps
Zinc	66-2	836042	836604	836170	836272	0.04	cps
Zirconium	90-1	568889	570013	566635	568512	0.30	cps
Zirconium	91-1	127887	128409	128591	128296	0.28	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-03	Instrumnet Name :	P7
Client Sample ID :	MYE5D5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:50:52	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22674242	22504399	22381372	22520004	0.65	cps
Antimony	121-1	35681	35978	35500	35720	0.68	cps
Arsenic	75-2	223583	218132	217332	219682	1.55	cps
Barium	135-1	4262163	4261629	4316406	4280066	0.74	cps
Barium	137-1	7364473	7359590	7420227	7381430	0.46	cps
Beryllium	9-1	3939	3917	3906	3921	0.43	cps
Bismuth	209-1	20597449	20598781	20818077	20671436	0.61	cps
Bismuth	209-2	13893279	13825391	13852217	13856962	0.25	cps
Bromine	81-1	32339	34554	34283	33725	3.58	cps
Bromine	81-2	3077	3110	2950	3046	2.77	cps
Cadmium	108-1	1463	1557	1620	1547	5.10	cps
Cadmium	106-1	13033	13116	12586	12911	2.21	cps
Cadmium	111-1	19208	18917	19273	19133	0.99	cps
Calcium	43-1	638908	634340	634864	636037	0.39	cps
Calcium	44-1	9917755	9857822	9681422	9819000	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1086680	1083893	1072502	1081025	0.69	cps
Cobalt	59-2	1091714	1084620	1084419	1086918	0.38	cps
Copper	63-2	5602077	5536371	5476903	5538451	1.13	cps
Dysprosium	156-1	208143	210545	209325	209338	0.57	cps
Dysprosium	156-2	155038	155720	155635	155464	0.24	cps
Erbium	164-1	163654	165829	166726	165403	0.96	cps
Erbium	164-2	100263	100169	98712	99715	0.87	cps
Gadolinium	160-1	194741	195654	196543	195646	0.46	cps
Gadolinium	160-2	125859	125654	127080	126198	0.61	cps
Holmium	165-1	35881314	35759175	36035912	35892134	0.39	cps
Holmium	165-2	21394481	21430701	21194224	21339802	0.60	cps
Indium	115-1	30996982	31006615	30722035	30908544	0.52	cps
Indium	115-2	9939981	9868154	9679933	9829356	1.37	cps
Iron	56-2	1026789398	1034149291	1019798731	1026912474	0.70	cps
Iron	57-2	25492311	25138345	25711606	25447421	1.14	cps
Iron	54-2	55896578	56600419	56674219	56390405	0.76	cps
Krypton	83-1	683	653	673	670	2.28	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-03	Instrumnet Name :	P7
Client Sample ID :	MYE5D5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:50:52	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2439504	2459814	2465132	2454817	0.55	cps
Lead	207-1	2161873	2182618	2167095	2170528	0.50	cps
Lead	208-1	9916123	9939005	9970557	9941895	0.27	cps
Lithium	6-1	2679160	2608285	2572280	2619909	2.08	cps
Magnesium	24-2	15133416	15061025	15031173	15075205	0.35	cps
Manganese	55-2	36228745	36673370	36257193	36386436	0.68	cps
Molybdenum	94-1	207156	213284	210970	210470	1.47	cps
Molybdenum	95-1	17477	17674	18135	17762	1.90	cps
Molybdenum	96-1	63269	63410	63152	63277	0.20	cps
Molybdenum	97-1	10994	10477	10721	10731	2.41	cps
Molybdenum	98-1	26701	27272	27459	27144	1.45	cps
Neodymium	150-1	401000	404489	401248	402246	0.48	cps
Neodymium	150-2	211445	212014	208706	210722	0.84	cps
Nickel	60-2	405416	405175	400253	403615	0.72	cps
Phosphorus	31-2	45822	45059	44902	45261	1.09	cps
Potassium	39-2	8400141	8485807	8385699	8423882	0.64	cps
Rhodium	103-1	29321397	29325589	29213283	29286756	0.22	cps
Rhodium	103-2	16940785	17026352	16791389	16919509	0.70	cps
Scandium	45-1	16718029	16560316	16389176	16555840	0.99	cps
Scandium	45-2	1509355	1488962	1492102	1496807	0.73	cps
Selenium	82-1	2011	1952	1894	1952	3.00	cps
Selenium	77-2	763	793	780	779	1.93	cps
Selenium	78-2	1257	1263	1173	1231	4.07	cps
Silicon	28-1	78442577	76843151	75976714	77087481	1.62	cps
Silver	107-1	36008	35554	35457	35673	0.82	cps
Silver	109-1	33769	33890	33826	33828	0.18	cps
Sodium	23-2	338653	338745	338830	338743	0.03	cps
Strontium	86-1	627147	635813	633782	632247	0.72	cps
Strontium	88-1	5450852	5559570	5497788	5502737	0.99	cps
Sulfur	34-1	195898	189978	183480	189785	3.27	cps
Terbium	159-1	37827257	36829399	36928216	37194958	1.48	cps
Terbium	159-2	21405160	21753774	21565572	21574835	0.81	cps
Thallium	203-1	11832	12065	11548	11815	2.19	cps
Thallium	205-1	28102	28006	27762	27957	0.63	cps
Tin	118-1	68113	68040	67547	67900	0.45	cps
Titanium	47-1	3103472	3102806	3070305	3092194	0.61	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-03	Instrumnet Name :	P7
Client Sample ID :	MYE5D5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:50:52	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	87756	89421	89669	88949	1.17	cps
Vanadium	51-2	1969771	1948570	1921141	1946494	1.25	cps
Yttrium	89-1	43684778	44288179	43833486	43935481	0.72	cps
Yttrium	89-2	10893371	10868071	10747745	10836396	0.72	cps
Zinc	66-2	587665	578379	579618	581887	0.87	cps
Zirconium	90-1	550051	546627	542232	546303	0.72	cps
Zirconium	91-1	120644	122401	120882	121309	0.79	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-07	Instrumnet Name :	P7
Client Sample ID :	MYE5D7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:53:53	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25052026	24983051	24806929	24947335	0.51	cps
Antimony	121-1	27353	27837	27473	27554	0.92	cps
Arsenic	75-2	202153	201150	200288	201197	0.46	cps
Barium	135-1	3680062	3668675	3616035	3654924	0.93	cps
Barium	137-1	6317324	6307283	6287402	6304003	0.24	cps
Beryllium	9-1	5584	5534	5234	5451	3.47	cps
Bismuth	209-1	20401650	20876246	20823925	20700607	1.26	cps
Bismuth	209-2	13965455	13933426	13713339	13870740	0.99	cps
Bromine	81-1	31821	32085	32803	32236	1.58	cps
Bromine	81-2	2790	2850	2927	2856	2.40	cps
Cadmium	108-1	2057	2260	2250	2189	5.24	cps
Cadmium	106-1	13833	14444	13857	14045	2.46	cps
Cadmium	111-1	26984	27206	27004	27065	0.46	cps
Calcium	43-1	1046577	1027256	1023413	1032415	1.20	cps
Calcium	44-1	16218207	16035424	15801611	16018414	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1031937	1016839	1018814	1022530	0.80	cps
Cobalt	59-2	1194422	1183030	1175039	1184164	0.82	cps
Copper	63-2	6225177	6170936	6093538	6163217	1.07	cps
Dysprosium	156-1	281403	279182	280455	280347	0.40	cps
Dysprosium	156-2	214628	214263	212554	213815	0.52	cps
Erbium	164-1	207156	207634	206549	207113	0.26	cps
Erbium	164-2	123567	124751	124162	124160	0.48	cps
Gadolinium	160-1	251212	254331	248471	251338	1.17	cps
Gadolinium	160-2	160413	159247	160039	159900	0.37	cps
Holmium	165-1	36229898	36139599	36061877	36143791	0.23	cps
Holmium	165-2	21615974	21468121	21216508	21433534	0.94	cps
Indium	115-1	30632623	30992892	30549449	30724988	0.77	cps
Indium	115-2	9776334	9725805	9703690	9735276	0.38	cps
Iron	56-2	857884814	835836361	850708681	848143285	1.33	cps
Iron	57-2	21058979	20899291	20722996	20893755	0.80	cps
Iron	54-2	47239863	46485648	46239938	46655149	1.12	cps
Krypton	83-1	757	797	840	798	5.22	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-07	Instrumnet Name :	P7
Client Sample ID :	MYE5D7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:53:53	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2606553	2634625	2633650	2624943	0.61	cps
Lead	207-1	2279056	2304917	2312240	2298738	0.76	cps
Lead	208-1	10493700	10638375	10607937	10580004	0.72	cps
Lithium	6-1	2624010	2501373	2442013	2522465	3.68	cps
Magnesium	24-2	15755333	15515764	15593946	15621681	0.78	cps
Manganese	55-2	26518105	26042685	26348431	26303073	0.92	cps
Molybdenum	94-1	369151	367384	363698	366744	0.76	cps
Molybdenum	95-1	13273	13016	13039	13109	1.08	cps
Molybdenum	96-1	82856	83356	82092	82768	0.77	cps
Molybdenum	97-1	7652	7992	7502	7715	3.26	cps
Molybdenum	98-1	19800	19633	20004	19812	0.94	cps
Neodymium	150-1	585382	591009	582611	586334	0.73	cps
Neodymium	150-2	304217	300114	306613	303648	1.08	cps
Nickel	60-2	563736	557597	556427	559254	0.70	cps
Phosphorus	31-2	64388	63675	63474	63846	0.75	cps
Potassium	39-2	8907237	8756503	8801016	8821585	0.88	cps
Rhodium	103-1	29148350	29680788	29362433	29397190	0.91	cps
Rhodium	103-2	16992227	16702893	16852744	16849288	0.86	cps
Scandium	45-1	16380908	16460816	16086208	16309311	1.21	cps
Scandium	45-2	1467182	1481141	1464485	1470936	0.61	cps
Selenium	82-1	2095	2089	2010	2065	2.31	cps
Selenium	77-2	1047	1113	937	1032	8.64	cps
Selenium	78-2	1580	1457	1353	1463	7.76	cps
Silicon	28-1	81024210	79568010	77859356	79483859	1.99	cps
Silver	107-1	40907	39898	40125	40310	1.31	cps
Silver	109-1	38528	38628	38214	38456	0.56	cps
Sodium	23-2	277071	273623	274142	274946	0.68	cps
Strontium	86-1	1058916	1068462	1064329	1063902	0.45	cps
Strontium	88-1	9170221	9292628	9135833	9199561	0.90	cps
Sulfur	34-1	184523	181588	180667	182259	1.10	cps
Terbium	159-1	37206567	37678432	37203564	37362854	0.73	cps
Terbium	159-2	21759971	21586151	21498238	21614787	0.62	cps
Thallium	203-1	13954	13664	13944	13854	1.19	cps
Thallium	205-1	32736	32770	33057	32854	0.54	cps
Tin	118-1	80429	81120	79883	80477	0.77	cps
Titanium	47-1	3922907	3835887	3832302	3863699	1.33	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-07	Instrumnet Name :	P7
Client Sample ID :	MYE5D7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:53:53	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	108040	110399	108709	109049	1.11	cps
Vanadium	51-2	1697325	1692637	1649479	1679814	1.57	cps
Yttrium	89-1	44216889	44086871	44123108	44142289	0.15	cps
Yttrium	89-2	10953216	10867206	10974539	10931654	0.52	cps
Zinc	66-2	640184	636717	629512	635471	0.86	cps
Zirconium	90-1	974701	980808	965075	973528	0.81	cps
Zirconium	91-1	218793	218617	216801	218071	0.51	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-08	Instrumnet Name :	P7
Client Sample ID :	MYE5D8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:56:54	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28699937	28867095	28675816	28747616	0.36	cps
Antimony	121-1	27770	28168	27827	27922	0.77	cps
Arsenic	75-2	189240	186172	185001	186804	1.17	cps
Barium	135-1	3700993	3726438	3625303	3684245	1.43	cps
Barium	137-1	6346215	6457797	6226452	6343488	1.82	cps
Beryllium	9-1	2917	3123	3167	3069	4.35	cps
Bismuth	209-1	20217401	20204143	20167598	20196381	0.13	cps
Bismuth	209-2	13497684	13574981	13630736	13567800	0.49	cps
Bromine	81-1	27265	28347	28628	28080	2.56	cps
Bromine	81-2	2257	2244	2110	2204	3.68	cps
Cadmium	108-1	880	877	963	907	5.42	cps
Cadmium	106-1	11041	11168	10981	11063	0.86	cps
Cadmium	111-1	10352	10262	9894	10169	2.39	cps
Calcium	43-1	770316	762148	760325	764263	0.70	cps
Calcium	44-1	11810229	11847348	11843693	11833757	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1798748	1812599	1757063	1789470	1.62	cps
Cobalt	59-2	1689343	1677912	1675468	1680908	0.44	cps
Copper	63-2	3056100	2978563	2986317	3006993	1.42	cps
Dysprosium	156-1	189406	186170	186731	187436	0.92	cps
Dysprosium	156-2	137175	135775	136893	136614	0.54	cps
Erbium	164-1	162550	161751	162834	162378	0.35	cps
Erbium	164-2	98625	96651	97306	97527	1.03	cps
Gadolinium	160-1	180396	177497	178047	178646	0.86	cps
Gadolinium	160-2	114248	115929	112622	114266	1.45	cps
Holmium	165-1	35645540	36207364	36047333	35966746	0.80	cps
Holmium	165-2	21571996	20934643	21549139	21351926	1.69	cps
Indium	115-1	30182455	30664416	29990097	30278989	1.15	cps
Indium	115-2	9629132	9474217	9658383	9587244	1.03	cps
Iron	56-2	1342553047	1326355474	1319473820	1329460780	0.89	cps
Iron	57-2	33483662	32954434	32849553	33095883	1.03	cps
Iron	54-2	73238449	73771277	72361181	73123636	0.97	cps
Krypton	83-1	610	623	643	626	2.68	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-08	Instrumnet Name :	P7
Client Sample ID :	MYE5D8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:56:54	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	979287	983560	986040	982962	0.35	cps
Lead	207-1	850788	862106	866985	859960	0.97	cps
Lead	208-1	3860758	3937171	3911173	3903034	1.00	cps
Lithium	6-1	2533655	2410315	2465984	2469985	2.50	cps
Magnesium	24-2	32867714	32935747	32757365	32853608	0.27	cps
Manganese	55-2	48613436	48509374	47984951	48369254	0.70	cps
Molybdenum	94-1	164883	166622	165213	165573	0.56	cps
Molybdenum	95-1	22447	22611	22554	22537	0.37	cps
Molybdenum	96-1	62379	63313	61606	62433	1.37	cps
Molybdenum	97-1	13243	13486	13219	13316	1.11	cps
Molybdenum	98-1	33281	33589	32947	33272	0.96	cps
Neodymium	150-1	323842	325153	320263	323086	0.78	cps
Neodymium	150-2	166922	169536	167078	167845	0.87	cps
Nickel	60-2	601646	599246	595189	598694	0.55	cps
Phosphorus	31-2	58933	58772	58525	58743	0.35	cps
Potassium	39-2	11010542	10944933	11145782	11033752	0.93	cps
Rhodium	103-1	28895896	28745920	28564260	28735359	0.58	cps
Rhodium	103-2	16353080	16316551	16477703	16382445	0.52	cps
Scandium	45-1	16543905	16475699	16181251	16400285	1.18	cps
Scandium	45-2	1471650	1454450	1467935	1464678	0.62	cps
Selenium	82-1	1961	1761	1727	1816	6.95	cps
Selenium	77-2	663	643	653	653	1.53	cps
Selenium	78-2	1027	990	1077	1031	4.22	cps
Silicon	28-1	80074345	78103812	77234877	78471012	1.85	cps
Silver	107-1	8539	8513	8246	8433	1.92	cps
Silver	109-1	8102	7922	8012	8012	1.12	cps
Sodium	23-2	270911	267496	265698	268035	0.99	cps
Strontium	86-1	635192	625411	630670	630424	0.78	cps
Strontium	88-1	5487656	5461152	5431946	5460251	0.51	cps
Sulfur	34-1	192685	192189	193293	192722	0.29	cps
Terbium	159-1	36801151	37198119	36701262	36900178	0.71	cps
Terbium	159-2	21467744	21432425	21134039	21344736	0.86	cps
Thallium	203-1	8930	8796	9083	8936	1.61	cps
Thallium	205-1	21240	20883	21387	21170	1.22	cps
Tin	118-1	54911	56256	54934	55367	1.39	cps
Titanium	47-1	2728190	2703226	2744880	2725432	0.77	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-08	Instrumnet Name :	P7
Client Sample ID :	MYE5D8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:56:54	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61652	61722	61859	61744	0.17	cps
Vanadium	51-2	2990590	3031191	2943587	2988456	1.47	cps
Yttrium	89-1	42718644	43504838	42937609	43053697	0.94	cps
Yttrium	89-2	10519338	10418347	10444268	10460651	0.50	cps
Zinc	66-2	576703	568054	569805	571521	0.80	cps
Zirconium	90-1	413615	419021	413588	415408	0.75	cps
Zirconium	91-1	92546	93830	94038	93472	0.86	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-09	Instrumnet Name :	P7
Client Sample ID :	MYE5D9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:59:54	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16269996	16072535	16030156	16124229	0.79	cps
Antimony	121-1	56872	58870	57230	57657	1.85	cps
Arsenic	75-2	207517	206587	203903	206002	0.91	cps
Barium	135-1	4499680	4551343	4510901	4520641	0.60	cps
Barium	137-1	7804406	7756777	7685049	7748744	0.78	cps
Beryllium	9-1	4134	4006	3962	4034	2.22	cps
Bismuth	209-1	21599838	21184888	22275291	21686672	2.54	cps
Bismuth	209-2	13436851	13076262	13746617	13419910	2.50	cps
Bromine	81-1	26180	26891	27011	26694	1.68	cps
Bromine	81-2	1873	1803	1827	1835	1.94	cps
Cadmium	108-1	2097	2200	2080	2126	3.06	cps
Cadmium	106-1	14344	13550	14000	13965	2.85	cps
Cadmium	111-1	28211	27775	28064	28017	0.79	cps
Calcium	43-1	496565	489946	485368	490626	1.15	cps
Calcium	44-1	7794131	7698299	7578119	7690183	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1002294	993883	989812	995330	0.64	cps
Cobalt	59-2	1194020	1190652	1178537	1187737	0.69	cps
Copper	63-2	5136316	5081274	5063414	5093668	0.75	cps
Dysprosium	156-1	211097	213339	212285	212240	0.53	cps
Dysprosium	156-2	162287	162074	161749	162037	0.17	cps
Erbium	164-1	152698	155036	153745	153826	0.76	cps
Erbium	164-2	91534	93185	91651	92124	1.00	cps
Gadolinium	160-1	185499	185660	184961	185373	0.20	cps
Gadolinium	160-2	118096	119464	117608	118389	0.81	cps
Holmium	165-1	37487502	36569910	38620169	37559194	2.73	cps
Holmium	165-2	20476826	19471825	21157204	20368618	4.16	cps
Indium	115-1	31682579	30616969	31826041	31375196	2.11	cps
Indium	115-2	9022325	8791952	9420927	9078401	3.51	cps
Iron	56-2	1044027398	1055966678	1035379105	1045124393	0.99	cps
Iron	57-2	26066450	25776207	25677335	25839997	0.78	cps
Iron	54-2	57947237	57319006	56530156	57265466	1.24	cps
Krypton	83-1	630	633	643	636	1.09	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-09	Instrumnet Name :	P7
Client Sample ID :	MYE5D9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:59:54	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2779135	2790394	2770612	2780047	0.36	cps
Lead	207-1	2467559	2437012	2472725	2459099	0.78	cps
Lead	208-1	11242548	11266667	11216401	11241872	0.22	cps
Lithium	6-1	2699106	2557270	2599292	2618556	2.78	cps
Magnesium	24-2	12633124	12548591	12450409	12544042	0.73	cps
Manganese	55-2	40452248	40153977	39519588	40041937	1.19	cps
Molybdenum	94-1	277093	278946	277413	277817	0.36	cps
Molybdenum	95-1	21843	21746	21276	21622	1.40	cps
Molybdenum	96-1	79200	78623	77654	78493	1.00	cps
Molybdenum	97-1	12973	13316	12699	12996	2.38	cps
Molybdenum	98-1	33772	33786	32760	33439	1.76	cps
Neodymium	150-1	425370	427077	425527	425991	0.22	cps
Neodymium	150-2	221251	221908	219247	220802	0.63	cps
Nickel	60-2	462993	468086	457073	462718	1.19	cps
Phosphorus	31-2	69898	69972	70016	69962	0.08	cps
Potassium	39-2	8824609	8727821	8682080	8744837	0.83	cps
Rhodium	103-1	30255563	29288658	30607412	30050544	2.27	cps
Rhodium	103-2	15861645	14986079	16210299	15686008	4.02	cps
Scandium	45-1	16503194	16128362	16654630	16428729	1.65	cps
Scandium	45-2	1361594	1302276	1392051	1351973	3.38	cps
Selenium	82-1	2088	2029	2021	2046	1.78	cps
Selenium	77-2	833	863	740	812	7.92	cps
Selenium	78-2	1213	1193	1190	1199	1.05	cps
Silicon	28-1	75547076	75363499	73838036	74916203	1.25	cps
Silver	107-1	28812	28932	28956	28900	0.27	cps
Silver	109-1	28364	28288	27436	28029	1.84	cps
Sodium	23-2	230487	230212	228027	229575	0.59	cps
Strontium	86-1	695199	691183	686442	690941	0.63	cps
Strontium	88-1	6047807	5998035	5881097	5975646	1.43	cps
Sulfur	34-1	197742	194031	191581	194451	1.60	cps
Terbium	159-1	39067858	37961984	39497514	38842452	2.04	cps
Terbium	159-2	20638796	19893931	21269402	20600709	3.34	cps
Thallium	203-1	36028	35847	35533	35803	0.70	cps
Thallium	205-1	84604	84812	84400	84606	0.24	cps
Tin	118-1	68773	68234	67534	68180	0.91	cps
Titanium	47-1	3489097	3447825	3421303	3452742	0.99	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-09	Instrumnet Name :	P7
Client Sample ID :	MYE5D9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 07:59:54	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	105856	104492	104465	104938	0.76	cps
Vanadium	51-2	2063353	2047089	2021434	2043959	1.03	cps
Yttrium	89-1	44468236	43279021	44697444	44148234	1.72	cps
Yttrium	89-2	10030327	9460214	10216333	9902291	3.98	cps
Zinc	66-2	718299	722604	710444	717116	0.86	cps
Zirconium	90-1	715163	719046	709574	714594	0.67	cps
Zirconium	91-1	161491	160443	158232	160055	1.04	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-10	Instrumnet Name :	P7
Client Sample ID :	MYE5E0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:02:55	DataFile Name :	173SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16173131	16012004	15885914	16023683	0.90	cps
Antimony	121-1	58468	59660	60015	59381	1.36	cps
Arsenic	75-2	156073	152707	152518	153766	1.30	cps
Barium	135-1	3139270	3108445	3122337	3123351	0.49	cps
Barium	137-1	5401842	5303305	5384909	5363352	0.98	cps
Beryllium	9-1	3717	3701	3773	3730	1.01	cps
Bismuth	209-1	21276523	21068237	20872751	21072504	0.96	cps
Bismuth	209-2	14511646	14152389	14072221	14245418	1.64	cps
Bromine	81-1	24724	24657	25585	24989	2.07	cps
Bromine	81-2	1600	1563	1697	1620	4.25	cps
Cadmium	108-1	2924	2594	2820	2779	6.07	cps
Cadmium	106-1	15208	14671	14708	14862	2.02	cps
Cadmium	111-1	35469	35728	35834	35677	0.53	cps
Calcium	43-1	580173	572508	565466	572716	1.28	cps
Calcium	44-1	9055211	8950760	8797002	8934324	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	908924	920170	913855	914316	0.62	cps
Cobalt	59-2	1130161	1123902	1118531	1124198	0.52	cps
Copper	63-2	7148684	7186372	7133664	7156240	0.38	cps
Dysprosium	156-1	224476	226434	226015	225641	0.46	cps
Dysprosium	156-2	172604	173613	171797	172671	0.53	cps
Erbium	164-1	158603	158164	160268	159012	0.70	cps
Erbium	164-2	95564	96588	93651	95268	1.56	cps
Gadolinium	160-1	196302	198233	198044	197526	0.54	cps
Gadolinium	160-2	126657	126155	125883	126232	0.31	cps
Holmium	165-1	36811622	36327919	36547162	36562234	0.66	cps
Holmium	165-2	21760034	21685401	21481428	21642288	0.67	cps
Indium	115-1	30857356	30230329	30374325	30487337	1.08	cps
Indium	115-2	9619747	9666643	9573409	9619933	0.48	cps
Iron	56-2	884731373	893098840	878911640	885580618	0.81	cps
Iron	57-2	21684101	21891447	21615741	21730430	0.66	cps
Iron	54-2	48080003	48721034	47882948	48227995	0.91	cps
Krypton	83-1	723	640	673	679	6.18	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-10	Instrumnet Name :	P7
Client Sample ID :	MYE5E0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:02:55	DataFile Name :	173SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3183922	3136191	3197625	3172580	1.02	cps
Lead	207-1	2828427	2832519	2821321	2827422	0.20	cps
Lead	208-1	12913908	12884202	12832729	12876946	0.32	cps
Lithium	6-1	2630471	2509327	2441667	2527155	3.79	cps
Magnesium	24-2	11328870	11293618	11186885	11269791	0.66	cps
Manganese	55-2	24777022	24946151	24897152	24873442	0.35	cps
Molybdenum	94-1	425581	426355	420114	424017	0.80	cps
Molybdenum	95-1	15375	16830	15228	15811	5.60	cps
Molybdenum	96-1	95395	97937	94536	95956	1.84	cps
Molybdenum	97-1	9423	9850	9416	9563	2.60	cps
Molybdenum	98-1	23706	25024	23793	24174	3.05	cps
Neodymium	150-1	472201	475223	477286	474903	0.54	cps
Neodymium	150-2	244443	243991	242778	243737	0.35	cps
Nickel	60-2	459916	457007	451483	456136	0.94	cps
Phosphorus	31-2	64254	65406	64174	64611	1.07	cps
Potassium	39-2	6886291	7011610	6989043	6962315	0.96	cps
Rhodium	103-1	29058539	28945758	28646931	28883743	0.74	cps
Rhodium	103-2	16601675	16562357	16645257	16603097	0.25	cps
Scandium	45-1	15853239	15803854	15732831	15796641	0.38	cps
Scandium	45-2	1390843	1422033	1398491	1403789	1.16	cps
Selenium	82-1	1899	1861	1913	1891	1.42	cps
Selenium	77-2	780	783	783	782	0.25	cps
Selenium	78-2	1210	1370	1230	1270	6.86	cps
Silicon	28-1	71830741	70341986	70178344	70783690	1.29	cps
Silver	107-1	44879	44240	44863	44661	0.82	cps
Silver	109-1	42933	42138	42539	42537	0.94	cps
Sodium	23-2	224842	225319	223148	224436	0.51	cps
Strontium	86-1	744595	737977	732571	738381	0.82	cps
Strontium	88-1	6485467	6409274	6412881	6435874	0.67	cps
Sulfur	34-1	180199	178260	177504	178654	0.78	cps
Terbium	159-1	37276831	37273867	37266020	37272239	0.01	cps
Terbium	159-2	21805749	22000654	21671211	21825871	0.76	cps
Thallium	203-1	12392	12379	12416	12396	0.15	cps
Thallium	205-1	29298	28654	30003	29318	2.30	cps
Tin	118-1	78311	78151	77818	78093	0.32	cps
Titanium	47-1	3696360	3709565	3698004	3701310	0.19	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-10	Instrumnet Name :	P7
Client Sample ID :	MYE5E0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:02:55	DataFile Name :	173SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	102913	104385	104435	103911	0.83	cps
Vanadium	51-2	1570813	1560964	1570331	1567369	0.35	cps
Yttrium	89-1	43206678	42523583	42394444	42708235	1.02	cps
Yttrium	89-2	10408436	10545650	10416880	10456988	0.74	cps
Zinc	66-2	726426	724460	718735	723207	0.55	cps
Zirconium	90-1	1126935	1133923	1122915	1127924	0.49	cps
Zirconium	91-1	255182	252369	253270	253607	0.57	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-11	Instrumnet Name :	P7
Client Sample ID :	MYE5E1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:05:53	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22532858	22906115	22749781	22729585	0.82	cps
Antimony	121-1	15245	15569	15665	15493	1.42	cps
Arsenic	75-2	110198	109477	109151	109609	0.49	cps
Barium	135-1	3571520	3617841	3585800	3591720	0.66	cps
Barium	137-1	6106966	6254090	6211326	6190794	1.22	cps
Beryllium	9-1	2973	3134	2984	3030	2.97	cps
Bismuth	209-1	20709626	20899889	20603026	20737514	0.73	cps
Bismuth	209-2	13990159	14045623	14208144	14081309	0.80	cps
Bromine	81-1	28394	30201	30428	29674	3.76	cps
Bromine	81-2	2500	2450	2734	2561	5.91	cps
Cadmium	108-1	770	760	670	733	7.51	cps
Cadmium	106-1	11741	11134	11124	11333	3.12	cps
Cadmium	111-1	8220	8248	8266	8245	0.29	cps
Calcium	43-1	1168659	1194339	1182732	1181910	1.09	cps
Calcium	44-1	18513903	18548030	18331006	18464313	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1242361	1233694	1231819	1235958	0.46	cps
Cobalt	59-2	1168700	1167593	1161055	1165783	0.35	cps
Copper	63-2	3056936	2996510	2988634	3014027	1.24	cps
Dysprosium	156-1	170742	174079	174492	173104	1.19	cps
Dysprosium	156-2	127711	127284	127950	127648	0.26	cps
Erbium	164-1	137405	144330	143068	141601	2.60	cps
Erbium	164-2	85784	86073	86160	86006	0.23	cps
Gadolinium	160-1	157899	162012	163391	161101	1.77	cps
Gadolinium	160-2	105127	104342	104295	104588	0.45	cps
Holmium	165-1	36408155	36585765	36044430	36346117	0.76	cps
Holmium	165-2	21611246	21519973	21449858	21527026	0.38	cps
Indium	115-1	30434184	30186705	30218507	30279799	0.44	cps
Indium	115-2	9685555	9589184	9569839	9614859	0.64	cps
Iron	56-2	881846334	863954787	858399801	868066974	1.41	cps
Iron	57-2	21501181	21424741	21476494	21467472	0.18	cps
Iron	54-2	47864069	47396836	47011408	47424104	0.90	cps
Krypton	83-1	653	623	633	637	2.40	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-11	Instrumnet Name :	P7
Client Sample ID :	MYE5E1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:05:53	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	748740	766429	771364	762178	1.56	cps
Lead	207-1	649861	673771	672876	665503	2.04	cps
Lead	208-1	2982683	3070454	3085566	3046234	1.82	cps
Lithium	6-1	2674388	2586522	2508559	2589823	3.20	cps
Magnesium	24-2	23499800	23513827	23586062	23533230	0.20	cps
Manganese	55-2	35066393	34721771	34697715	34828626	0.59	cps
Molybdenum	94-1	167759	172193	172016	170656	1.47	cps
Molybdenum	95-1	11745	12012	12128	11962	1.64	cps
Molybdenum	96-1	48196	48343	49356	48632	1.30	cps
Molybdenum	97-1	7082	7302	7118	7167	1.65	cps
Molybdenum	98-1	17317	17677	17250	17415	1.32	cps
Neodymium	150-1	310369	322338	318764	317157	1.94	cps
Neodymium	150-2	166166	165065	163592	164941	0.78	cps
Nickel	60-2	412236	418877	409911	413675	1.12	cps
Phosphorus	31-2	56731	56908	56447	56696	0.41	cps
Potassium	39-2	9515385	9633389	9577309	9575361	0.62	cps
Rhodium	103-1	29051605	29077785	28932934	29020775	0.27	cps
Rhodium	103-2	16608851	16577463	16485720	16557345	0.39	cps
Scandium	45-1	16361191	16125545	15949516	16145417	1.28	cps
Scandium	45-2	1446064	1447237	1471033	1454778	0.97	cps
Selenium	82-1	1679	1720	1690	1696	1.25	cps
Selenium	77-2	600	537	590	576	5.92	cps
Selenium	78-2	993	1003	977	991	1.36	cps
Silicon	28-1	78287236	80146077	79687524	79373612	1.22	cps
Silver	107-1	7195	7419	7259	7291	1.58	cps
Silver	109-1	6832	6718	6675	6742	1.20	cps
Sodium	23-2	247401	247259	245251	246637	0.49	cps
Strontium	86-1	582078	592211	594970	589753	1.15	cps
Strontium	88-1	5037147	5115888	5096329	5083121	0.81	cps
Sulfur	34-1	194623	196017	198049	196230	0.88	cps
Terbium	159-1	37730106	37409944	37282258	37474103	0.62	cps
Terbium	159-2	21802406	21724050	21572519	21699658	0.54	cps
Thallium	203-1	7469	7822	7712	7668	2.36	cps
Thallium	205-1	17959	18389	18867	18405	2.47	cps
Tin	118-1	43068	45238	44448	44251	2.48	cps
Titanium	47-1	2976272	3014412	3015460	3002048	0.74	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-11	Instrumnet Name :	P7
Client Sample ID :	MYE5E1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:05:53	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56489	59094	58672	58085	2.41	cps
Vanadium	51-2	1992452	1979397	1964342	1978731	0.71	cps
Yttrium	89-1	42837416	42290434	42335353	42487734	0.71	cps
Yttrium	89-2	10400643	10319639	10342836	10354373	0.40	cps
Zinc	66-2	412670	411977	411732	412126	0.12	cps
Zirconium	90-1	436703	448195	453100	445999	1.89	cps
Zirconium	91-1	98226	100098	99487	99270	0.96	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-12	Instrumnet Name :	P7
Client Sample ID :	MYE5E2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:08:57	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19391079	19230944	19081514	19234512	0.80	cps
Antimony	121-1	45341	46261	47398	46333	2.22	cps
Arsenic	75-2	199200	197546	198134	198293	0.42	cps
Barium	135-1	4543660	4761112	4770748	4691840	2.74	cps
Barium	137-1	7905578	8128004	8180184	8071256	1.81	cps
Beryllium	9-1	4540	4590	4590	4573	0.63	cps
Bismuth	209-1	21800403	22014600	21332238	21715747	1.61	cps
Bismuth	209-2	14423215	14477223	14329749	14410062	0.52	cps
Bromine	81-1	24126	25816	26173	25372	4.31	cps
Bromine	81-2	1727	1907	1660	1765	7.23	cps
Cadmium	108-1	2190	2417	2437	2348	5.84	cps
Cadmium	106-1	14991	14821	14013	14609	3.58	cps
Cadmium	111-1	27786	28550	28667	28334	1.69	cps
Calcium	43-1	769798	791768	788371	783312	1.51	cps
Calcium	44-1	11963976	12245193	12144084	12117751	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1193312	1188371	1184819	1188834	0.36	cps
Cobalt	59-2	1210790	1199482	1202807	1204359	0.48	cps
Copper	63-2	5228001	5221729	5144000	5197910	0.90	cps
Dysprosium	156-1	256735	266128	269672	264178	2.53	cps
Dysprosium	156-2	206039	208901	207003	207314	0.70	cps
Erbium	164-1	177062	182800	183134	180999	1.89	cps
Erbium	164-2	111352	109538	110936	110609	0.86	cps
Gadolinium	160-1	224015	231962	234169	230049	2.32	cps
Gadolinium	160-2	151206	150139	149424	150256	0.60	cps
Holmium	165-1	37648031	37808149	37333684	37596621	0.64	cps
Holmium	165-2	21875346	21644569	21561625	21693846	0.75	cps
Indium	115-1	31462858	31528405	30937911	31309725	1.03	cps
Indium	115-2	9583806	9567360	9622273	9591146	0.29	cps
Iron	56-2	961835452	957674092	955117959	958209168	0.35	cps
Iron	57-2	24229240	23579780	23616629	23808550	1.53	cps
Iron	54-2	53045054	53066381	52192956	52768130	0.94	cps
Krypton	83-1	613	687	630	643	5.98	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-12	Instrumnet Name :	P7
Client Sample ID :	MYE5E2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:08:57	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3315732	3389052	3351013	3351932	1.09	cps
Lead	207-1	2871142	2970977	3017172	2953097	2.53	cps
Lead	208-1	13235052	13639115	13709708	13527958	1.89	cps
Lithium	6-1	2809633	2638988	2607842	2685488	4.05	cps
Magnesium	24-2	14376788	14716103	14491264	14528051	1.19	cps
Manganese	55-2	44456088	44406978	44209059	44357375	0.29	cps
Molybdenum	94-1	417297	427520	427778	424199	1.41	cps
Molybdenum	95-1	15969	16917	16723	16536	3.03	cps
Molybdenum	96-1	94221	96110	97375	95902	1.65	cps
Molybdenum	97-1	9320	9803	9376	9500	2.78	cps
Molybdenum	98-1	23906	24918	25275	24700	2.87	cps
Neodymium	150-1	570769	588600	597716	585695	2.34	cps
Neodymium	150-2	309658	305564	309728	308317	0.77	cps
Nickel	60-2	605286	599429	599198	601304	0.57	cps
Phosphorus	31-2	97380	97475	97753	97536	0.20	cps
Potassium	39-2	7859883	7885190	7838814	7861296	0.30	cps
Rhodium	103-1	29834870	30033019	29286765	29718218	1.30	cps
Rhodium	103-2	16726543	16508160	16638379	16624361	0.66	cps
Scandium	45-1	16504596	16212502	16055811	16257637	1.40	cps
Scandium	45-2	1436448	1435467	1395083	1422333	1.66	cps
Selenium	82-1	1902	1894	1907	1901	0.36	cps
Selenium	77-2	993	977	850	940	8.34	cps
Selenium	78-2	1360	1337	1393	1363	2.09	cps
Silicon	28-1	79710469	80826412	81657289	80731390	1.21	cps
Silver	107-1	29517	30282	30555	30118	1.79	cps
Silver	109-1	27409	28765	29420	28531	3.59	cps
Sodium	23-2	286922	290637	287697	288419	0.68	cps
Strontium	86-1	1057031	1088999	1093787	1079939	1.85	cps
Strontium	88-1	9188556	9503172	9476818	9389515	1.86	cps
Sulfur	34-1	190771	187333	184631	187578	1.64	cps
Terbium	159-1	38464177	38977014	37949685	38463625	1.34	cps
Terbium	159-2	22121221	21938032	21650576	21903276	1.08	cps
Thallium	203-1	12853	13740	13834	13476	4.02	cps
Thallium	205-1	30955	31787	31583	31442	1.38	cps
Tin	118-1	72046	73335	74853	73411	1.91	cps
Titanium	47-1	4256351	4356561	4291402	4301438	1.18	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-12	Instrumnet Name :	P7
Client Sample ID :	MYE5E2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:08:57	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	108225	110376	109965	109522	1.04	cps
Vanadium	51-2	1714020	1711814	1655718	1693851	1.95	cps
Yttrium	89-1	43712931	43954511	42943791	43537078	1.21	cps
Yttrium	89-2	10480588	10399453	10483947	10454663	0.46	cps
Zinc	66-2	732446	727039	730990	730158	0.38	cps
Zirconium	90-1	1101760	1136016	1131753	1123176	1.66	cps
Zirconium	91-1	248529	253569	254701	252266	1.30	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-13	Instrumnet Name :	P7
Client Sample ID :	MYE5E3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:11:55	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20546470	20601883	20158984	20435779	1.18	cps
Antimony	121-1	49562	51321	50699	50527	1.77	cps
Arsenic	75-2	196550	195064	193808	195141	0.70	cps
Barium	135-1	5599689	5584396	5571683	5585256	0.25	cps
Barium	137-1	9787507	9617592	9580355	9661818	1.14	cps
Beryllium	9-1	4629	4840	4879	4782	2.81	cps
Bismuth	209-1	21380958	22282118	20869171	21510749	3.33	cps
Bismuth	209-2	14089724	14156530	14379635	14208630	1.07	cps
Bromine	81-1	26721	26988	27031	26913	0.62	cps
Bromine	81-2	2054	2197	1950	2067	5.99	cps
Cadmium	108-1	2330	2490	2630	2484	6.04	cps
Cadmium	106-1	14614	14687	14491	14597	0.68	cps
Cadmium	111-1	30783	31289	31446	31172	1.11	cps
Calcium	43-1	783013	791935	788071	787673	0.57	cps
Calcium	44-1	12066516	12081183	12212434	12120044	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1292628	1285800	1286530	1288319	0.29	cps
Cobalt	59-2	1512732	1500422	1508320	1507158	0.41	cps
Copper	63-2	6393737	6358732	6315120	6355863	0.62	cps
Dysprosium	156-1	315833	322912	320350	319698	1.12	cps
Dysprosium	156-2	247800	246703	248719	247741	0.41	cps
Erbium	164-1	214274	215302	218063	215880	0.91	cps
Erbium	164-2	131344	130765	129999	130703	0.52	cps
Gadolinium	160-1	265747	271913	272285	269982	1.36	cps
Gadolinium	160-2	176214	174696	174162	175024	0.61	cps
Holmium	165-1	37557312	38983966	37158249	37899842	2.53	cps
Holmium	165-2	21286031	21438879	21829917	21518276	1.30	cps
Indium	115-1	31028796	32140411	30766960	31312055	2.33	cps
Indium	115-2	9561037	9392384	9442912	9465444	0.91	cps
Iron	56-2	1153244889	1138913636	1131640116	1141266214	0.96	cps
Iron	57-2	28514140	28180885	28197843	28297623	0.66	cps
Iron	54-2	63878092	62521536	63118994	63172874	1.08	cps
Krypton	83-1	627	673	760	687	9.85	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-13	Instrumnet Name :	P7
Client Sample ID :	MYE5E3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:11:55	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3190836	3250454	3254443	3231911	1.10	cps
Lead	207-1	2885551	2917353	2855505	2886136	1.07	cps
Lead	208-1	13109818	13198856	13166399	13158358	0.34	cps
Lithium	6-1	2725761	2745273	2525095	2665376	4.57	cps
Magnesium	24-2	17163613	16894036	17023242	17026964	0.79	cps
Manganese	55-2	44100243	42712081	43071239	43294521	1.66	cps
Molybdenum	94-1	328870	335053	333481	332468	0.97	cps
Molybdenum	95-1	20321	21235	20892	20816	2.22	cps
Molybdenum	96-1	85857	87241	87506	86868	1.02	cps
Molybdenum	97-1	12072	12662	12355	12363	2.39	cps
Molybdenum	98-1	30659	30919	32102	31227	2.46	cps
Neodymium	150-1	665632	674927	674420	671660	0.78	cps
Neodymium	150-2	353560	356987	353187	354578	0.59	cps
Nickel	60-2	693772	691400	692070	692414	0.18	cps
Phosphorus	31-2	105094	105594	102866	104518	1.39	cps
Potassium	39-2	10426486	10361512	10326946	10371648	0.49	cps
Rhodium	103-1	29309485	30335044	29171405	29605311	2.15	cps
Rhodium	103-2	16435454	16284900	16433068	16384474	0.53	cps
Scandium	45-1	16126624	16559713	15928453	16204930	1.99	cps
Scandium	45-2	1418760	1388677	1415653	1407697	1.18	cps
Selenium	82-1	2102	2053	1846	2000	6.78	cps
Selenium	77-2	1063	1237	1120	1140	7.75	cps
Selenium	78-2	1513	1640	1503	1552	4.91	cps
Silicon	28-1	67220611	68037516	67300247	67519458	0.67	cps
Silver	107-1	39945	40125	40383	40151	0.55	cps
Silver	109-1	38240	39002	39173	38805	1.28	cps
Sodium	23-2	335317	338912	337175	337135	0.53	cps
Strontium	86-1	1202693	1214904	1215699	1211099	0.60	cps
Strontium	88-1	10454197	10539866	10616931	10536998	0.77	cps
Sulfur	34-1	198130	196071	193772	195991	1.11	cps
Terbium	159-1	37960052	39524288	38189283	38557874	2.19	cps
Terbium	159-2	21888762	21679454	21698457	21755558	0.53	cps
Thallium	203-1	15512	15909	15569	15664	1.37	cps
Thallium	205-1	36195	37956	37505	37219	2.46	cps
Tin	118-1	70170	70615	70247	70344	0.34	cps
Titanium	47-1	4126685	4098321	4158308	4127771	0.73	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-13	Instrumnet Name :	P7
Client Sample ID :	MYE5E3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:11:55	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	128385	129559	130441	129462	0.80	cps
Vanadium	51-2	2048833	2021361	2033756	2034650	0.68	cps
Yttrium	89-1	44100396	45216156	43628838	44315130	1.84	cps
Yttrium	89-2	10550067	10490418	10439556	10493347	0.53	cps
Zinc	66-2	785289	778578	779764	781210	0.46	cps
Zirconium	90-1	863854	875939	875594	871796	0.79	cps
Zirconium	91-1	193674	195686	193525	194295	0.62	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-14	Instrumnet Name :	P7
Client Sample ID :	MYE5E4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:14:55	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18381208	18145345	18390551	18305701	0.76	cps
Antimony	121-1	71684	71898	72257	71947	0.40	cps
Arsenic	75-2	190945	190084	188484	189837	0.66	cps
Barium	135-1	10867378	10799759	10791762	10819633	0.38	cps
Barium	137-1	18646726	18659918	18744342	18683662	0.28	cps
Beryllium	9-1	4651	4156	4801	4536	7.44	cps
Bismuth	209-1	21090027	20895872	20926549	20970816	0.50	cps
Bismuth	209-2	14466650	14360842	14164772	14330755	1.07	cps
Bromine	81-1	25188	26020	26527	25912	2.61	cps
Bromine	81-2	1907	1980	1997	1961	2.44	cps
Cadmium	108-1	2440	2430	2400	2424	0.86	cps
Cadmium	106-1	14497	13430	13646	13858	4.07	cps
Cadmium	111-1	30455	31806	31245	31169	2.18	cps
Calcium	43-1	699886	694053	687650	693863	0.88	cps
Calcium	44-1	10888915	10710422	10706982	10768773	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1154645	1150177	1144291	1149704	0.45	cps
Cobalt	59-2	1676704	1665929	1659565	1667399	0.52	cps
Copper	63-2	6320887	6280254	6276944	6292695	0.39	cps
Dysprosium	156-1	301568	304205	303682	303152	0.46	cps
Dysprosium	156-2	232027	235752	233958	233912	0.80	cps
Erbium	164-1	209008	208577	210435	209340	0.46	cps
Erbium	164-2	127122	127838	126100	127020	0.69	cps
Gadolinium	160-1	255762	258223	257676	257220	0.50	cps
Gadolinium	160-2	166382	163388	166170	165313	1.01	cps
Holmium	165-1	36523926	36218137	36137423	36293162	0.56	cps
Holmium	165-2	21672038	21838344	21709764	21740049	0.40	cps
Indium	115-1	30319309	30129044	29978419	30142257	0.57	cps
Indium	115-2	9520708	9517996	9489808	9509504	0.18	cps
Iron	56-2	1064377024	1071307371	1053119798	1062934731	0.86	cps
Iron	57-2	25692514	25869361	25557727	25706534	0.61	cps
Iron	54-2	56747059	57556894	57256859	57186937	0.72	cps
Krypton	83-1	667	697	723	696	4.08	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-14	Instrumnet Name :	P7
Client Sample ID :	MYE5E4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:14:55	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3068490	3062599	3024832	3051973	0.78	cps
Lead	207-1	2665610	2706151	2688122	2686628	0.76	cps
Lead	208-1	12329425	12333410	12320500	12327778	0.05	cps
Lithium	6-1	2633729	2529500	2546415	2569881	2.18	cps
Magnesium	24-2	14001155	13929324	14052843	13994440	0.44	cps
Manganese	55-2	202415970	205849490	203145330	203803597	0.89	cps
Molybdenum	94-1	299658	301089	300083	300277	0.24	cps
Molybdenum	95-1	34815	34888	34932	34878	0.17	cps
Molybdenum	96-1	90595	89361	89173	89709	0.86	cps
Molybdenum	97-1	17711	17904	18004	17873	0.84	cps
Molybdenum	98-1	46735	46343	46594	46557	0.43	cps
Neodymium	150-1	623037	624553	625817	624469	0.22	cps
Neodymium	150-2	325087	322882	323549	323840	0.35	cps
Nickel	60-2	607883	605927	606598	606803	0.16	cps
Phosphorus	31-2	86221	85054	84874	85383	0.86	cps
Potassium	39-2	9413510	9418571	9420744	9417608	0.04	cps
Rhodium	103-1	28958075	28572330	28554838	28695081	0.79	cps
Rhodium	103-2	16473684	16451069	16405663	16443472	0.21	cps
Scandium	45-1	16145851	15836983	15721031	15901289	1.38	cps
Scandium	45-2	1388240	1391190	1440916	1406782	2.10	cps
Selenium	82-1	2076	2052	1865	1997	5.79	cps
Selenium	77-2	1037	1140	1097	1091	4.76	cps
Selenium	78-2	1317	1383	1313	1338	2.95	cps
Silicon	28-1	71148626	70813264	69663854	70541915	1.10	cps
Silver	107-1	39768	40182	39677	39876	0.67	cps
Silver	109-1	38575	38090	38424	38363	0.65	cps
Sodium	23-2	274388	273464	275858	274570	0.44	cps
Strontium	86-1	1239995	1245256	1240982	1242078	0.23	cps
Strontium	88-1	10753664	10844752	10884643	10827686	0.62	cps
Sulfur	34-1	194524	192165	190326	192338	1.09	cps
Terbium	159-1	37740175	37423462	37378730	37514122	0.53	cps
Terbium	159-2	22106670	21921415	21702756	21910280	0.92	cps
Thallium	203-1	16707	16473	17098	16759	1.88	cps
Thallium	205-1	40240	39909	40373	40174	0.60	cps
Tin	118-1	66158	67404	67396	66986	1.07	cps
Titanium	47-1	3748569	3779838	3759124	3762511	0.42	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-14	Instrumnet Name :	P7
Client Sample ID :	MYE5E4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:14:55	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	150560	151929	151339	151276	0.45	cps
Vanadium	51-2	1946210	1980204	1967046	1964487	0.87	cps
Yttrium	89-1	43214386	43003226	42787028	43001547	0.50	cps
Yttrium	89-2	10475485	10425732	10411827	10437681	0.32	cps
Zinc	66-2	740885	736296	728817	735332	0.83	cps
Zirconium	90-1	762236	769596	767064	766299	0.49	cps
Zirconium	91-1	170052	172889	170413	171118	0.90	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-15	Instrumnet Name :	P7
Client Sample ID :	MYE5E5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:17:55	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14533347	14434481	14651306	14539711	0.75	cps
Antimony	121-1	45599	46615	46572	46262	1.24	cps
Arsenic	75-2	152026	149420	150393	150613	0.87	cps
Barium	135-1	5254957	5264004	5324272	5281078	0.71	cps
Barium	137-1	8997867	9140974	9088684	9075842	0.80	cps
Beryllium	9-1	3084	3373	3306	3254	4.65	cps
Bismuth	209-1	21483624	21332341	21608933	21474966	0.64	cps
Bismuth	209-2	14377408	14275762	14289748	14314306	0.38	cps
Bromine	81-1	24601	25369	24981	24983	1.54	cps
Bromine	81-2	1823	1890	1767	1827	3.38	cps
Cadmium	108-1	2190	2420	2354	2321	5.10	cps
Cadmium	106-1	12956	13313	12939	13069	1.62	cps
Cadmium	111-1	28349	29160	28421	28644	1.57	cps
Calcium	43-1	612124	612492	603966	609527	0.79	cps
Calcium	44-1	9583528	9541615	9322263	9482469	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	806359	803551	799085	802998	0.46	cps
Cobalt	59-2	1037966	1047511	1039616	1041697	0.49	cps
Copper	63-2	5917765	5890201	5897135	5901700	0.24	cps
Dysprosium	156-1	227264	228714	227877	227952	0.32	cps
Dysprosium	156-2	177331	177651	177459	177480	0.09	cps
Erbium	164-1	153698	155605	155950	155085	0.78	cps
Erbium	164-2	93604	93721	93561	93629	0.09	cps
Gadolinium	160-1	194525	195912	196988	195809	0.63	cps
Gadolinium	160-2	127275	125611	127131	126672	0.73	cps
Holmium	165-1	36717187	36680852	36569085	36655708	0.21	cps
Holmium	165-2	22069406	21951559	21703301	21908089	0.85	cps
Indium	115-1	30680980	30333268	30164454	30392900	0.87	cps
Indium	115-2	9518584	9533673	9413068	9488442	0.69	cps
Iron	56-2	698173563	691606363	691540363	693773430	0.55	cps
Iron	57-2	17084714	17159742	16929165	17057874	0.69	cps
Iron	54-2	38023069	38203460	37581022	37935851	0.84	cps
Krypton	83-1	637	623	590	617	3.90	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-15	Instrumnet Name :	P7
Client Sample ID :	MYE5E5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:17:55	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2765625	2759520	2812537	2779227	1.04	cps
Lead	207-1	2444582	2440939	2486406	2457309	1.03	cps
Lead	208-1	11129063	11254927	11339582	11241191	0.94	cps
Lithium	6-1	2633707	2586370	2588827	2602968	1.02	cps
Magnesium	24-2	10593284	10352245	10437467	10460999	1.17	cps
Manganese	55-2	37836420	37644780	37463609	37648270	0.50	cps
Molybdenum	94-1	303927	303820	304150	303966	0.06	cps
Molybdenum	95-1	20324	20348	19587	20086	2.15	cps
Molybdenum	96-1	77521	77644	77286	77484	0.23	cps
Molybdenum	97-1	12082	12222	12112	12138	0.61	cps
Molybdenum	98-1	30622	31187	31694	31168	1.72	cps
Neodymium	150-1	480135	485391	485596	483707	0.64	cps
Neodymium	150-2	251300	249378	251396	250691	0.45	cps
Nickel	60-2	483544	487506	484150	485067	0.44	cps
Phosphorus	31-2	62835	62346	63561	62914	0.97	cps
Potassium	39-2	6053067	6048654	6028934	6043552	0.21	cps
Rhodium	103-1	29450036	28639316	28674706	28921353	1.58	cps
Rhodium	103-2	16351010	16345466	16321394	16339290	0.10	cps
Scandium	45-1	16126049	15386461	15200845	15571119	3.14	cps
Scandium	45-2	1365923	1370351	1372143	1369472	0.23	cps
Selenium	82-1	1965	1878	1995	1946	3.13	cps
Selenium	77-2	887	907	963	919	4.33	cps
Selenium	78-2	1187	1220	1230	1212	1.87	cps
Silicon	28-1	79639880	78090071	78364217	78698056	1.05	cps
Silver	107-1	34605	35162	34685	34817	0.87	cps
Silver	109-1	33482	33689	33372	33514	0.48	cps
Sodium	23-2	285362	281966	288977	285435	1.23	cps
Strontium	86-1	907068	918988	903638	909898	0.89	cps
Strontium	88-1	7919461	7945428	7996995	7953961	0.50	cps
Sulfur	34-1	170122	166186	163008	166439	2.14	cps
Terbium	159-1	38163557	37670830	37249757	37694715	1.21	cps
Terbium	159-2	21945243	21701968	21912139	21853117	0.60	cps
Thallium	203-1	11582	12085	11945	11871	2.19	cps
Thallium	205-1	27398	28694	28042	28045	2.31	cps
Tin	118-1	60486	60640	61316	60814	0.73	cps
Titanium	47-1	3429648	3407163	3404570	3413794	0.40	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-15	Instrumnet Name :	P7
Client Sample ID :	MYE5E5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:17:55	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	88498	90904	91048	90150	1.59	cps
Vanadium	51-2	1297519	1284371	1278968	1286953	0.74	cps
Yttrium	89-1	43246596	42116267	42143799	42502221	1.52	cps
Yttrium	89-2	10235585	10129199	10082444	10149076	0.77	cps
Zinc	66-2	616954	620200	616344	617833	0.34	cps
Zirconium	90-1	786202	795292	789692	790395	0.58	cps
Zirconium	91-1	175377	177621	176713	176571	0.64	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-16	Instrumnet Name :	P7
Client Sample ID :	MYE5E6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:20:57	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17294002	17417463	17201604	17304356	0.63	cps
Antimony	121-1	39969	39782	39120	39623	1.13	cps
Arsenic	75-2	177558	175781	175376	176238	0.66	cps
Barium	135-1	4731319	4675675	4719453	4708816	0.62	cps
Barium	137-1	8102449	8183132	8119068	8134883	0.52	cps
Beryllium	9-1	3912	3834	3962	3902	1.65	cps
Bismuth	209-1	21169529	20865653	21166824	21067335	0.83	cps
Bismuth	209-2	14264170	14352871	14098798	14238613	0.91	cps
Bromine	81-1	26220	26955	27649	26941	2.65	cps
Bromine	81-2	2370	2390	2277	2346	2.58	cps
Cadmium	108-1	1790	1707	1780	1759	2.59	cps
Cadmium	106-1	13293	13039	12405	12913	3.54	cps
Cadmium	111-1	21405	21385	21446	21412	0.15	cps
Calcium	43-1	651200	661176	650356	654244	0.92	cps
Calcium	44-1	10189087	10188100	10167676	10181621	0.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	958636	963841	954244	958907	0.50	cps
Cobalt	59-2	1125395	1123484	1116853	1121911	0.40	cps
Copper	63-2	4303780	4288012	4241577	4277789	0.76	cps
Dysprosium	156-1	241492	245114	242625	243077	0.76	cps
Dysprosium	156-2	186190	185930	186464	186195	0.14	cps
Erbium	164-1	168294	170578	170433	169768	0.75	cps
Erbium	164-2	102697	101623	100696	101672	0.98	cps
Gadolinium	160-1	215954	216928	216507	216463	0.23	cps
Gadolinium	160-2	140631	139224	139264	139707	0.57	cps
Holmium	165-1	36239104	35765963	36071254	36025441	0.67	cps
Holmium	165-2	21735842	21597673	21301567	21545027	1.03	cps
Indium	115-1	30166277	30287819	29658789	30037628	1.11	cps
Indium	115-2	9443077	9482323	9380681	9435360	0.54	cps
Iron	56-2	857307774	867655054	862417320	862460049	0.60	cps
Iron	57-2	21263979	21077395	21230981	21190785	0.47	cps
Iron	54-2	47253979	47294888	46999586	47182818	0.34	cps
Krypton	83-1	587	650	673	637	7.04	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-16	Instrumnet Name :	P7
Client Sample ID :	MYE5E6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:20:57	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3568948	3543359	3573795	3562034	0.46	cps
Lead	207-1	3210807	3164822	3160604	3178744	0.88	cps
Lead	208-1	14551946	14391824	14431849	14458540	0.58	cps
Lithium	6-1	2523537	2464036	2511827	2499800	1.26	cps
Magnesium	24-2	12534304	12394739	12203357	12377466	1.34	cps
Manganese	55-2	35863459	35853474	35439804	35718913	0.68	cps
Molybdenum	94-1	376318	382164	375442	377975	0.97	cps
Molybdenum	95-1	16246	16623	16126	16331	1.59	cps
Molybdenum	96-1	86876	87751	87942	87523	0.65	cps
Molybdenum	97-1	9837	9753	10070	9887	1.66	cps
Molybdenum	98-1	24798	24791	24748	24779	0.11	cps
Neodymium	150-1	533617	534169	530996	532927	0.32	cps
Neodymium	150-2	279262	275620	275420	276767	0.78	cps
Nickel	60-2	482438	477624	477067	479043	0.62	cps
Phosphorus	31-2	71707	73134	72802	72547	1.03	cps
Potassium	39-2	6739443	6865316	6740901	6781887	1.07	cps
Rhodium	103-1	28600649	28326507	28139072	28355409	0.82	cps
Rhodium	103-2	16437051	16335816	16085624	16286164	1.11	cps
Scandium	45-1	15497508	15240968	15261876	15333450	0.93	cps
Scandium	45-2	1373122	1399681	1385971	1386258	0.96	cps
Selenium	82-1	1811	1906	1747	1821	4.40	cps
Selenium	77-2	1067	907	863	946	11.33	cps
Selenium	78-2	1187	1400	1260	1282	8.45	cps
Silicon	28-1	75834647	76435387	76380534	76216856	0.44	cps
Silver	107-1	23262	23389	23492	23381	0.49	cps
Silver	109-1	21780	21683	21870	21778	0.43	cps
Sodium	23-2	230236	232019	231658	231304	0.41	cps
Strontium	86-1	981873	983414	981862	982383	0.09	cps
Strontium	88-1	8505445	8583432	8560568	8549815	0.47	cps
Sulfur	34-1	163426	163574	161580	162860	0.68	cps
Terbium	159-1	36938545	37449488	36845410	37077814	0.88	cps
Terbium	159-2	21953392	21802143	21762130	21839222	0.46	cps
Thallium	203-1	12533	12839	12442	12605	1.65	cps
Thallium	205-1	29980	29930	29479	29796	0.93	cps
Tin	118-1	63466	65311	64550	64442	1.44	cps
Titanium	47-1	3793043	3796982	3781382	3790469	0.21	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-16	Instrumnet Name :	P7
Client Sample ID :	MYE5E6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:20:57	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	97343	98239	96892	97491	0.70	cps
Vanadium	51-2	1564733	1606989	1546452	1572725	1.97	cps
Yttrium	89-1	41707201	41890255	41603209	41733555	0.35	cps
Yttrium	89-2	10211393	10223929	10079787	10171703	0.79	cps
Zinc	66-2	506128	502595	503173	503965	0.38	cps
Zirconium	90-1	990142	999596	992228	993989	0.50	cps
Zirconium	91-1	219955	223347	221365	221556	0.77	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-17	Instrumnet Name :	P7
Client Sample ID :	MYE5E7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:23:56	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20066204	20331932	19630456	20009531	1.77	cps
Antimony	121-1	32189	31969	31879	32012	0.50	cps
Arsenic	75-2	141470	139283	137062	139272	1.58	cps
Barium	135-1	3251441	3276315	3255200	3260985	0.41	cps
Barium	137-1	5630238	5700713	5609399	5646783	0.85	cps
Beryllium	9-1	3284	3456	3434	3391	2.76	cps
Bismuth	209-1	21286888	21165887	20794038	21082271	1.22	cps
Bismuth	209-2	14356555	14454808	14261943	14357769	0.67	cps
Bromine	81-1	36285	38193	38279	37586	3.00	cps
Bromine	81-2	3884	4037	4137	4019	3.18	cps
Cadmium	108-1	1313	1317	1240	1290	3.36	cps
Cadmium	106-1	11752	12222	11972	11982	1.96	cps
Cadmium	111-1	16015	16235	15878	16043	1.12	cps
Calcium	43-1	776706	772809	761494	770336	1.03	cps
Calcium	44-1	12025687	11926352	11813222	11921754	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1061791	1058782	1051996	1057523	0.47	cps
Cobalt	59-2	985657	989431	981118	985402	0.42	cps
Copper	63-2	3391338	3405852	3407054	3401414	0.26	cps
Dysprosium	156-1	180585	182773	182441	181933	0.65	cps
Dysprosium	156-2	135816	136041	136405	136087	0.22	cps
Erbium	164-1	143337	145256	142932	143842	0.86	cps
Erbium	164-2	86412	85359	87280	86350	1.11	cps
Gadolinium	160-1	168622	169836	169235	169231	0.36	cps
Gadolinium	160-2	109356	109527	108100	108994	0.72	cps
Holmium	165-1	36594476	36792713	36180124	36522438	0.86	cps
Holmium	165-2	21978991	21719352	21684868	21794403	0.74	cps
Indium	115-1	29897773	29796907	30018137	29904272	0.37	cps
Indium	115-2	9575422	9337718	9465967	9459702	1.26	cps
Iron	56-2	784694015	768626442	771249482	774856646	1.11	cps
Iron	57-2	19404011	19258277	19214192	19292160	0.51	cps
Iron	54-2	42726803	42381346	41939431	42349193	0.93	cps
Krypton	83-1	627	657	547	610	9.32	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-17	Instrumnet Name :	P7
Client Sample ID :	MYE5E7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:23:56	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1585925	1599690	1599309	1594974	0.49	cps
Lead	207-1	1383382	1384952	1396856	1388396	0.53	cps
Lead	208-1	6223833	6349275	6314027	6295712	1.03	cps
Lithium	6-1	2596673	2541480	2573005	2570386	1.08	cps
Magnesium	24-2	16505351	16726676	16386191	16539406	1.04	cps
Manganese	55-2	24340893	24294291	24357378	24330854	0.13	cps
Molybdenum	94-1	205103	206225	206938	206088	0.45	cps
Molybdenum	95-1	13877	14297	13740	13971	2.08	cps
Molybdenum	96-1	54876	55826	55541	55414	0.88	cps
Molybdenum	97-1	8309	8429	8523	8420	1.27	cps
Molybdenum	98-1	21860	21599	21626	21695	0.66	cps
Neodymium	150-1	351205	356295	351578	353026	0.80	cps
Neodymium	150-2	182077	181357	183185	182206	0.51	cps
Nickel	60-2	407140	408258	403946	406448	0.55	cps
Phosphorus	31-2	53450	52798	52262	52836	1.13	cps
Potassium	39-2	8291086	8328094	8370232	8329804	0.48	cps
Rhodium	103-1	28514957	28466919	27894340	28292072	1.22	cps
Rhodium	103-2	16432068	16488949	16362098	16427705	0.39	cps
Scandium	45-1	15703724	15436449	15359470	15499881	1.17	cps
Scandium	45-2	1383065	1379888	1342006	1368320	1.67	cps
Selenium	82-1	1843	1640	1881	1788	7.24	cps
Selenium	77-2	657	530	637	608	11.20	cps
Selenium	78-2	1133	1033	1027	1064	5.61	cps
Silicon	28-1	80763960	79601989	78973652	79779867	1.14	cps
Silver	107-1	18302	17691	18005	17999	1.70	cps
Silver	109-1	17033	17991	17384	17469	2.77	cps
Sodium	23-2	1776506	1863368	1770804	1803559	2.88	cps
Strontium	86-1	604945	608646	609222	607604	0.38	cps
Strontium	88-1	5299826	5382695	5210969	5297830	1.62	cps
Sulfur	34-1	216829	213740	215065	215211	0.72	cps
Terbium	159-1	37533142	37474646	37246001	37417930	0.41	cps
Terbium	159-2	22278196	22086126	21708240	22024187	1.32	cps
Thallium	203-1	9477	9617	9637	9577	0.91	cps
Thallium	205-1	22549	22572	22088	22403	1.22	cps
Tin	118-1	66003	65970	65484	65819	0.44	cps
Titanium	47-1	2802161	2831815	2785740	2806572	0.83	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-17	Instrumnet Name :	P7
Client Sample ID :	MYE5E7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:23:56	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77571	78814	79254	78546	1.11	cps
Vanadium	51-2	1528806	1534480	1529115	1530800	0.21	cps
Yttrium	89-1	41252346	42064800	41395324	41570824	1.04	cps
Yttrium	89-2	10143104	10081369	10076902	10100458	0.37	cps
Zinc	66-2	540522	543864	540435	541607	0.36	cps
Zirconium	90-1	534553	537552	538444	536849	0.38	cps
Zirconium	91-1	119417	119166	121175	119919	0.91	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-18	Instrumnet Name :	P7
Client Sample ID :	MYE5E8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:26:58	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13028517	13342086	13178234	13182945	1.19	cps
Antimony	121-1	70404	72850	72338	71864	1.79	cps
Arsenic	75-2	226939	226894	229436	227756	0.64	cps
Barium	135-1	4126905	4148905	4176892	4150901	0.60	cps
Barium	137-1	6969975	7185879	7172981	7109612	1.70	cps
Beryllium	9-1	2756	2739	2767	2754	0.51	cps
Bismuth	209-1	22330131	21840321	21403996	21858149	2.12	cps
Bismuth	209-2	14465942	14533394	14479158	14492831	0.25	cps
Bromine	81-1	23719	24854	24457	24343	2.37	cps
Bromine	81-2	1443	1500	1387	1443	3.93	cps
Cadmium	108-1	1810	1750	1997	1852	6.95	cps
Cadmium	106-1	12969	12999	12762	12910	1.00	cps
Cadmium	111-1	23792	24481	24079	24117	1.44	cps
Calcium	43-1	311298	317801	316197	315099	1.08	cps
Calcium	44-1	4915405	4946135	4918880	4926807	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	799941	793030	776501	789824	1.52	cps
Cobalt	59-2	899107	894251	895005	896121	0.29	cps
Copper	63-2	5981833	5940974	5962772	5961860	0.34	cps
Dysprosium	156-1	148967	150951	153771	151230	1.60	cps
Dysprosium	156-2	115813	115244	113652	114903	0.97	cps
Erbium	164-1	113648	115287	118407	115781	2.09	cps
Erbium	164-2	70943	70105	70507	70518	0.59	cps
Gadolinium	160-1	133644	140274	139884	137934	2.70	cps
Gadolinium	160-2	89286	89138	88507	88977	0.46	cps
Holmium	165-1	38419212	37369332	36971467	37586670	1.99	cps
Holmium	165-2	21767143	21597291	21856358	21740264	0.61	cps
Indium	115-1	31473723	31344631	30458958	31092437	1.78	cps
Indium	115-2	9562289	9442278	9337423	9447330	1.19	cps
Iron	56-2	885830493	875700147	865496494	875675711	1.16	cps
Iron	57-2	21709646	21228205	21218131	21385327	1.31	cps
Iron	54-2	48364664	48090211	47282154	47912343	1.17	cps
Krypton	83-1	600	573	523	566	6.88	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-18	Instrumnet Name :	P7
Client Sample ID :	MYE5E8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:26:58	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2978270	3054473	3138301	3057015	2.62	cps
Lead	207-1	2673926	2732994	2719407	2708776	1.14	cps
Lead	208-1	12142325	12464072	12488607	12365002	1.56	cps
Lithium	6-1	2786917	2708348	2538017	2677761	4.75	cps
Magnesium	24-2	9983690	10073662	10066193	10041182	0.50	cps
Manganese	55-2	37908902	37552170	37220079	37560384	0.92	cps
Molybdenum	94-1	176476	180031	179549	178685	1.08	cps
Molybdenum	95-1	20177	20842	20494	20504	1.62	cps
Molybdenum	96-1	57824	58520	58178	58174	0.60	cps
Molybdenum	97-1	12199	12415	12512	12375	1.30	cps
Molybdenum	98-1	30659	31150	32249	31353	2.60	cps
Neodymium	150-1	285099	293839	294295	291078	1.78	cps
Neodymium	150-2	153661	152788	151194	152548	0.82	cps
Nickel	60-2	313558	312817	313045	313140	0.12	cps
Phosphorus	31-2	42900	42997	41519	42472	1.95	cps
Potassium	39-2	6494635	6412398	6414679	6440570	0.73	cps
Rhodium	103-1	30087868	29725036	28740902	29517935	2.36	cps
Rhodium	103-2	16577446	16269444	16282181	16376357	1.06	cps
Scandium	45-1	16048945	15677630	15275849	15667474	2.47	cps
Scandium	45-2	1374271	1359492	1361607	1365123	0.59	cps
Selenium	82-1	1773	1802	1863	1813	2.54	cps
Selenium	77-2	470	530	573	524	9.89	cps
Selenium	78-2	880	990	960	943	6.03	cps
Silicon	28-1	70969844	71339316	70584602	70964587	0.53	cps
Silver	107-1	33108	33562	34291	33654	1.77	cps
Silver	109-1	31558	32049	32373	31993	1.28	cps
Sodium	23-2	193204	194037	197164	194802	1.07	cps
Strontium	86-1	387893	396118	398268	394093	1.39	cps
Strontium	88-1	3360049	3420121	3446273	3408814	1.30	cps
Sulfur	34-1	174096	170678	169563	171445	1.38	cps
Terbium	159-1	39380305	38437833	37585114	38467751	2.33	cps
Terbium	159-2	22026435	22019506	21658631	21901524	0.96	cps
Thallium	203-1	10858	11261	11145	11088	1.87	cps
Thallium	205-1	25841	26680	26676	26399	1.83	cps
Tin	118-1	55092	56423	56942	56152	1.70	cps
Titanium	47-1	2809387	2846620	2849596	2835201	0.79	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-18	Instrumnet Name :	P7
Client Sample ID :	MYE5E8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:26:58	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73106	74563	75247	74306	1.47	cps
Vanadium	51-2	1671214	1649742	1644523	1655160	0.85	cps
Yttrium	89-1	43329866	42010304	41187269	42175813	2.56	cps
Yttrium	89-2	10051030	10007406	9966472	10008303	0.42	cps
Zinc	66-2	613637	604422	612669	610242	0.83	cps
Zirconium	90-1	443918	453362	454063	450448	1.26	cps
Zirconium	91-1	99793	101400	102075	101089	1.16	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-19	Instrumnet Name :	P7
Client Sample ID :	MYE5E9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:29:57	DataFile Name :	182SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21480256	21447535	21227724	21385172	0.64	cps
Antimony	121-1	49361	49341	48869	49190	0.57	cps
Arsenic	75-2	201900	201364	200019	201094	0.48	cps
Barium	135-1	8334162	8301660	8297736	8311186	0.24	cps
Barium	137-1	14637078	14436006	14543774	14538952	0.69	cps
Beryllium	9-1	4968	5445	4784	5066	6.74	cps
Bismuth	209-1	20999786	21025863	21287928	21104526	0.76	cps
Bismuth	209-2	14192036	14197176	14143127	14177446	0.21	cps
Bromine	81-1	27810	27639	28568	28005	1.76	cps
Bromine	81-2	2124	2150	2304	2192	4.43	cps
Cadmium	108-1	2920	2890	3000	2937	1.94	cps
Cadmium	106-1	15478	15558	15785	15607	1.02	cps
Cadmium	111-1	37919	37613	37642	37725	0.45	cps
Calcium	43-1	989715	988533	991255	989834	0.14	cps
Calcium	44-1	15399270	15255191	15302652	15319037	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1358148	1347525	1356508	1354060	0.42	cps
Cobalt	59-2	1759033	1742119	1752958	1751370	0.49	cps
Copper	63-2	7805795	7704387	7791560	7767247	0.71	cps
Dysprosium	156-1	366798	370371	367908	368359	0.50	cps
Dysprosium	156-2	284866	287099	284385	285450	0.51	cps
Erbium	164-1	235846	237676	237025	236849	0.39	cps
Erbium	164-2	142488	140909	137853	140417	1.68	cps
Gadolinium	160-1	307692	309278	307801	308257	0.29	cps
Gadolinium	160-2	197658	199000	198886	198515	0.37	cps
Holmium	165-1	35972584	35832034	36775119	36193245	1.41	cps
Holmium	165-2	21575617	21433370	21526664	21511884	0.34	cps
Indium	115-1	29795260	29813403	29585940	29731534	0.43	cps
Indium	115-2	9483961	9387070	9446780	9439270	0.52	cps
Iron	56-2	1076663717	1069398224	1068439051	1071500331	0.42	cps
Iron	57-2	26772719	26614812	25950526	26446019	1.65	cps
Iron	54-2	58999834	58622147	57727842	58449941	1.12	cps
Krypton	83-1	683	743	823	750	9.37	cps

1700

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-19	Instrumnet Name :	P7
Client Sample ID :	MYE5E9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:29:57	DataFile Name :	182SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3471689	3419404	3473151	3454748	0.89	cps
Lead	207-1	3082927	3048066	3064710	3065234	0.57	cps
Lead	208-1	14012428	13924655	13961248	13966110	0.32	cps
Lithium	6-1	2593015	2525257	2573070	2563781	1.36	cps
Magnesium	24-2	15031251	15053021	14857853	14980708	0.71	cps
Manganese	55-2	86201989	84501059	84030294	84911114	1.35	cps
Molybdenum	94-1	498427	501591	503133	501050	0.48	cps
Molybdenum	95-1	18839	18796	18655	18763	0.51	cps
Molybdenum	96-1	112451	113295	111501	112416	0.80	cps
Molybdenum	97-1	10891	10164	10324	10459	3.65	cps
Molybdenum	98-1	26280	25669	25830	25926	1.22	cps
Neodymium	150-1	810086	819430	814936	814817	0.57	cps
Neodymium	150-2	424040	424898	417951	422296	0.90	cps
Nickel	60-2	802721	794741	792748	796737	0.66	cps
Phosphorus	31-2	113363	112731	111160	112418	1.01	cps
Potassium	39-2	8988233	9016185	8948794	8984404	0.38	cps
Rhodium	103-1	28032350	27993133	27978574	28001352	0.10	cps
Rhodium	103-2	16224861	16288444	16239283	16250863	0.21	cps
Scandium	45-1	15602094	15607602	15359036	15522910	0.91	cps
Scandium	45-2	1373809	1370288	1382897	1375665	0.47	cps
Selenium	82-1	1953	2046	1911	1970	3.49	cps
Selenium	77-2	1160	1280	1390	1277	9.01	cps
Selenium	78-2	1543	1610	1647	1600	3.27	cps
Silicon	28-1	73883147	74648866	74373894	74301969	0.52	cps
Silver	107-1	54268	55790	54662	54907	1.44	cps
Silver	109-1	52354	52418	52893	52555	0.56	cps
Sodium	23-2	316665	319047	314281	316664	0.75	cps
Strontium	86-1	1711780	1746753	1685241	1714592	1.80	cps
Strontium	88-1	14899303	14966403	14730396	14865367	0.82	cps
Sulfur	34-1	185835	189493	186368	187232	1.06	cps
Terbium	159-1	36869280	37265434	37149807	37094841	0.55	cps
Terbium	159-2	22018173	21824076	21925809	21922686	0.44	cps
Thallium	203-1	17304	17004	17134	17148	0.88	cps
Thallium	205-1	40958	40931	41436	41109	0.69	cps
Tin	118-1	65063	65763	65059	65295	0.62	cps
Titanium	47-1	4381496	4422343	4319483	4374441	1.18	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-19	Instrumnet Name :	P7
Client Sample ID :	MYE5E9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:29:57	DataFile Name :	182SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	143752	145184	146377	145104	0.91	cps
Vanadium	51-2	1919163	1923851	1904157	1915724	0.54	cps
Yttrium	89-1	42281534	42695461	41927162	42301386	0.91	cps
Yttrium	89-2	10311390	10260348	10154679	10242139	0.78	cps
Zinc	66-2	755561	750649	752858	753023	0.33	cps
Zirconium	90-1	1331751	1338251	1325992	1331998	0.46	cps
Zirconium	91-1	297174	297334	294063	296190	0.62	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-20	Instrumnet Name :	P7
Client Sample ID :	MYE5F0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:32:55	DataFile Name :	183SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17498708	17405942	17268468	17391039	0.67	cps
Antimony	121-1	47541	47612	47515	47556	0.11	cps
Arsenic	75-2	193530	193315	190627	192491	0.84	cps
Barium	135-1	4382294	4427491	4385316	4398367	0.57	cps
Barium	137-1	7516202	7682764	7560146	7586371	1.14	cps
Beryllium	9-1	3628	3595	3484	3569	2.12	cps
Bismuth	209-1	20793019	20587521	20645357	20675299	0.51	cps
Bismuth	209-2	13962251	14195199	13754505	13970651	1.58	cps
Bromine	81-1	28568	29546	29743	29286	2.15	cps
Bromine	81-2	2330	2467	2317	2371	3.50	cps
Cadmium	108-1	1433	1380	1300	1371	4.89	cps
Cadmium	106-1	12192	12162	11521	11958	3.17	cps
Cadmium	111-1	18795	18756	19152	18901	1.15	cps
Calcium	43-1	521650	516017	512387	516685	0.90	cps
Calcium	44-1	7991418	8050674	7936562	7992885	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1005688	1007431	993728	1002282	0.74	cps
Cobalt	59-2	1148656	1143493	1147777	1146642	0.24	cps
Copper	63-2	3564393	3553642	3563522	3560519	0.17	cps
Dysprosium	156-1	191361	192615	191356	191777	0.38	cps
Dysprosium	156-2	144127	144296	142683	143702	0.62	cps
Erbium	164-1	150171	151459	150861	150830	0.43	cps
Erbium	164-2	89229	89397	91477	90034	1.39	cps
Gadolinium	160-1	175984	177898	176447	176776	0.56	cps
Gadolinium	160-2	114050	114658	112242	113650	1.11	cps
Holmium	165-1	35712510	35943419	35463034	35706321	0.67	cps
Holmium	165-2	21361254	21607606	21049593	21339484	1.31	cps
Indium	115-1	29274747	29567372	29703478	29515199	0.74	cps
Indium	115-2	9353485	9352859	9194602	9300315	0.98	cps
Iron	56-2	1025958945	1013768625	1024412331	1021379967	0.65	cps
Iron	57-2	25508845	24847366	25107202	25154471	1.32	cps
Iron	54-2	56097524	55275841	55231478	55534948	0.88	cps
Krypton	83-1	597	587	573	586	2.00	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-20	Instrumnet Name :	P7
Client Sample ID :	MYE5F0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:32:55	DataFile Name :	183SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1902189	1898746	1838982	1879972	1.89	cps
Lead	207-1	1692590	1698756	1693561	1694969	0.20	cps
Lead	208-1	7671643	7645205	7603893	7640247	0.45	cps
Lithium	6-1	2588091	2586197	2485204	2553164	2.31	cps
Magnesium	24-2	12574670	12717059	12434013	12575247	1.13	cps
Manganese	55-2	37539215	37741639	37708009	37662954	0.29	cps
Molybdenum	94-1	171511	172702	172607	172273	0.38	cps
Molybdenum	95-1	17444	16773	17350	17189	2.11	cps
Molybdenum	96-1	56164	55722	56037	55974	0.41	cps
Molybdenum	97-1	9913	10034	10314	10087	2.04	cps
Molybdenum	98-1	26050	26507	25886	26148	1.23	cps
Neodymium	150-1	370329	370332	369440	370034	0.14	cps
Neodymium	150-2	192090	189520	192661	191424	0.87	cps
Nickel	60-2	420638	420515	421848	421000	0.17	cps
Phosphorus	31-2	47423	47049	48129	47534	1.15	cps
Potassium	39-2	7439277	7443298	7445363	7442646	0.04	cps
Rhodium	103-1	28211659	27788595	27819967	27940074	0.84	cps
Rhodium	103-2	16093485	16209562	16066588	16123212	0.47	cps
Scandium	45-1	15200019	15179418	15031486	15136974	0.61	cps
Scandium	45-2	1339677	1319531	1344752	1334653	1.00	cps
Selenium	82-1	1858	1778	1708	1781	4.20	cps
Selenium	77-2	643	713	720	692	6.14	cps
Selenium	78-2	1127	1047	997	1057	6.21	cps
Silicon	28-1	74082166	71138291	71175254	72131903	2.34	cps
Silver	107-1	19366	19573	19560	19500	0.59	cps
Silver	109-1	18796	18282	18305	18461	1.57	cps
Sodium	23-2	2091890	2117153	2070279	2093107	1.12	cps
Strontium	86-1	564201	566063	558752	563005	0.67	cps
Strontium	88-1	4955335	4961424	4921584	4946114	0.43	cps
Sulfur	34-1	183311	179983	179841	181045	1.08	cps
Terbium	159-1	36763919	36743790	36864547	36790752	0.18	cps
Terbium	159-2	21826610	21791459	21391960	21670009	1.11	cps
Thallium	203-1	12342	13267	12926	12845	3.64	cps
Thallium	205-1	30414	30955	30107	30492	1.41	cps
Tin	118-1	53295	53773	53218	53429	0.56	cps
Titanium	47-1	3426502	3435754	3381930	3414729	0.84	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-20	Instrumnet Name :	P7
Client Sample ID :	MYE5F0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:32:55	DataFile Name :	183SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	95697	96594	96654	96315	0.56	cps
Vanadium	51-2	1932218	1951397	1936760	1940125	0.52	cps
Yttrium	89-1	40681725	41206307	40936314	40941449	0.64	cps
Yttrium	89-2	9896439	9897727	9962299	9918821	0.38	cps
Zinc	66-2	592201	593286	591748	592412	0.13	cps
Zirconium	90-1	443366	444535	439502	442468	0.60	cps
Zirconium	91-1	97367	97870	98179	97805	0.42	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-21	Instrumnet Name :	P7
Client Sample ID :	MYE5F1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:35:54	DataFile Name :	184SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25524913	25448335	25557867	25510372	0.22	cps
Antimony	121-1	49622	50445	49873	49980	0.84	cps
Arsenic	75-2	249497	246620	245917	247344	0.77	cps
Barium	135-1	4158080	4236165	4100078	4164775	1.64	cps
Barium	137-1	7198353	7177772	7061160	7145761	1.04	cps
Beryllium	9-1	5156	4890	4484	4843	6.99	cps
Bismuth	209-1	20935020	11245951	20029052	17403341	30.75	cps
Bismuth	209-2	14124855	14145188	13997235	14089093	0.57	cps
Bromine	81-1	29880	30906	31824	30870	3.15	cps
Bromine	81-2	2887	3170	3027	3028	4.68	cps
Cadmium	108-1	1027	1120	1247	1131	9.76	cps
Cadmium	106-1	12756	8116	11548	10807	22.28	cps
Cadmium	111-1	14765	14868	14694	14775	0.59	cps
Calcium	43-1	545993	547888	536609	543497	1.11	cps
Calcium	44-1	8402211	8592916	8315699	8436942	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1173928	1177553	1163719	1171733	0.61	cps
Cobalt	59-2	1288864	1283002	1280793	1284220	0.32	cps
Copper	63-2	3711695	3738389	3663135	3704406	1.03	cps
Dysprosium	156-1	277274	284136	280507	280639	1.22	cps
Dysprosium	156-2	201261	200712	200440	200804	0.21	cps
Erbium	164-1	251253	258618	251056	253642	1.70	cps
Erbium	164-2	150868	151323	149948	150713	0.46	cps
Gadolinium	160-1	272103	275224	270832	272720	0.83	cps
Gadolinium	160-2	172390	172135	171476	172000	0.27	cps
Holmium	165-1	36826932	19454344	34919794	30400357	31.34	cps
Holmium	165-2	21303836	21128323	21336300	21256153	0.53	cps
Indium	115-1	29730646	15878966	28434819	24681477	31.00	cps
Indium	115-2	9298723	9228947	9371240	9299637	0.77	cps
Iron	56-2	1247327128	1234211368	1226673822	1236070773	0.85	cps
Iron	57-2	30637545	30644080	30467065	30582896	0.33	cps
Iron	54-2	67342859	68228066	67865831	67812252	0.66	cps
Krypton	83-1	767	863	860	830	6.61	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-21	Instrumnet Name :	P7
Client Sample ID :	MYE5F1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:35:54	DataFile Name :	184SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1823688	1858866	1829439	1837331	1.03	cps
Lead	207-1	1609384	1675296	1635219	1639966	2.03	cps
Lead	208-1	7318426	7550198	7392647	7420424	1.60	cps
Lithium	6-1	2591327	1404497	2439816	2145213	30.11	cps
Magnesium	24-2	16563167	16553746	16856168	16657694	1.03	cps
Manganese	55-2	39825961	40148945	39583620	39852842	0.71	cps
Molybdenum	94-1	215306	221425	216732	217821	1.47	cps
Molybdenum	95-1	24130	24885	24928	24648	1.82	cps
Molybdenum	96-1	71932	74033	72857	72941	1.44	cps
Molybdenum	97-1	14858	15355	14447	14887	3.05	cps
Molybdenum	98-1	37692	39066	37939	38232	1.92	cps
Neodymium	150-1	473804	482313	475848	477321	0.93	cps
Neodymium	150-2	247793	247223	243197	246071	1.02	cps
Nickel	60-2	489624	484225	484428	486093	0.63	cps
Phosphorus	31-2	46367	45684	44812	45621	1.71	cps
Potassium	39-2	6202438	6231106	6199172	6210905	0.28	cps
Rhodium	103-1	28145390	15163898	26613676	23307655	30.44	cps
Rhodium	103-2	16151821	16032199	16020761	16068260	0.45	cps
Scandium	45-1	15534365	8725270	14741775	13000470	28.64	cps
Scandium	45-2	1364773	1373294	1363014	1367027	0.40	cps
Selenium	82-1	1868	1302	1740	1637	18.13	cps
Selenium	77-2	957	873	1003	944	6.97	cps
Selenium	78-2	1207	1340	1327	1291	5.69	cps
Silicon	28-1	63602937	63757641	61532701	62964426	1.97	cps
Silver	107-1	17371	17991	17294	17552	2.18	cps
Silver	109-1	16052	16626	16650	16443	2.06	cps
Sodium	23-2	365351	366121	369317	366930	0.57	cps
Strontium	86-1	571030	586137	567427	574865	1.73	cps
Strontium	88-1	5014282	5078078	4973502	5021954	1.05	cps
Sulfur	34-1	174837	175991	176101	175643	0.40	cps
Terbium	159-1	37617086	20025990	35703054	31115376	31.02	cps
Terbium	159-2	21084224	21205054	21365766	21218348	0.67	cps
Thallium	203-1	12823	13387	13427	13212	2.56	cps
Thallium	205-1	30945	31988	31246	31393	1.71	cps
Tin	118-1	62632	64373	62970	63325	1.46	cps
Titanium	47-1	2959709	3061733	2951067	2990836	2.06	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-21	Instrumnet Name :	P7
Client Sample ID :	MYE5F1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:35:54	DataFile Name :	184SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	199670	204018	201077	201588	1.10	cps
Vanadium	51-2	2327631	2358430	2336965	2341009	0.67	cps
Yttrium	89-1	43372888	25515287	41781549	36889908	26.79	cps
Yttrium	89-2	10576998	10597294	10467808	10547367	0.66	cps
Zinc	66-2	564210	560830	557282	560774	0.62	cps
Zirconium	90-1	549476	562001	545166	552214	1.58	cps
Zirconium	91-1	122220	125588	121804	123204	1.68	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-22	Instrumnet Name :	P7
Client Sample ID :	MYE5F2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:38:57	DataFile Name :	185SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11557161	11456142	11535754	11516352	0.46	cps
Antimony	121-1	60185	60895	60075	60385	0.74	cps
Arsenic	75-2	230066	231414	228425	229968	0.65	cps
Barium	135-1	2427613	2435988	2413915	2425838	0.46	cps
Barium	137-1	4202429	4230177	4148370	4193659	0.99	cps
Beryllium	9-1	2134	2400	2184	2239	6.33	cps
Bismuth	209-1	21058809	21106177	20912938	21025975	0.48	cps
Bismuth	209-2	14186895	14282859	14293161	14254305	0.41	cps
Bromine	81-1	22287	23001	22454	22581	1.66	cps
Bromine	81-2	1277	1220	1347	1281	4.95	cps
Cadmium	108-1	1733	1717	1713	1721	0.62	cps
Cadmium	106-1	11535	11765	11271	11524	2.14	cps
Cadmium	111-1	22871	22368	22430	22556	1.22	cps
Calcium	43-1	294796	289407	288222	290808	1.20	cps
Calcium	44-1	4574961	4498918	4525196	4533025	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	666045	663864	660008	663306	0.46	cps
Cobalt	59-2	771106	760941	763556	765201	0.69	cps
Copper	63-2	6254589	6268824	6295413	6272942	0.33	cps
Dysprosium	156-1	124802	123232	123309	123781	0.72	cps
Dysprosium	156-2	92602	90925	92753	92094	1.10	cps
Erbium	164-1	97490	97631	97725	97616	0.12	cps
Erbium	164-2	59302	58274	58375	58650	0.97	cps
Gadolinium	160-1	112487	113982	113062	113177	0.67	cps
Gadolinium	160-2	73378	73270	73800	73483	0.38	cps
Holmium	165-1	35909714	36225344	35691406	35942155	0.75	cps
Holmium	165-2	21288795	21151257	21324901	21254984	0.43	cps
Indium	115-1	29606754	29847377	29536635	29663589	0.55	cps
Indium	115-2	9259007	9136087	9352141	9249078	1.17	cps
Iron	56-2	600317084	598571818	592794285	597227729	0.66	cps
Iron	57-2	14861820	14679882	14872078	14804593	0.73	cps
Iron	54-2	32911332	32740976	32678495	32776934	0.37	cps
Krypton	83-1	533	500	587	540	8.10	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-22	Instrumnet Name :	P7
Client Sample ID :	MYE5F2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:38:57	DataFile Name :	185SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3960596	3977454	3899767	3945939	1.04	cps
Lead	207-1	3582463	3537527	3474836	3531609	1.53	cps
Lead	208-1	16176106	16162003	15865710	16067940	1.09	cps
Lithium	6-1	2527184	2513353	2461471	2500669	1.39	cps
Magnesium	24-2	10222518	10314468	10305034	10280673	0.49	cps
Manganese	55-2	27383331	27368316	27086791	27279480	0.61	cps
Molybdenum	94-1	160609	160253	159855	160239	0.24	cps
Molybdenum	95-1	12032	11878	11915	11942	0.67	cps
Molybdenum	96-1	44671	43999	43675	44115	1.15	cps
Molybdenum	97-1	6882	7095	7018	6998	1.54	cps
Molybdenum	98-1	17948	17507	17677	17711	1.25	cps
Neodymium	150-1	231756	231729	231918	231801	0.04	cps
Neodymium	150-2	119696	118876	118685	119086	0.45	cps
Nickel	60-2	260616	260767	261398	260927	0.16	cps
Phosphorus	31-2	37456	37526	37539	37507	0.12	cps
Potassium	39-2	5625428	5597098	5614576	5612367	0.25	cps
Rhodium	103-1	28206815	27844336	27831966	27961039	0.76	cps
Rhodium	103-2	16163138	15991478	16084379	16079665	0.53	cps
Scandium	45-1	15032005	14767575	14745993	14848524	1.07	cps
Scandium	45-2	1294997	1314752	1294362	1301371	0.89	cps
Selenium	82-1	1732	1541	1684	1652	6.02	cps
Selenium	77-2	507	493	400	467	12.45	cps
Selenium	78-2	860	847	913	873	4.04	cps
Silicon	28-1	98278209	99637855	96579539	98165201	1.56	cps
Silver	107-1	58236	57055	57965	57752	1.07	cps
Silver	109-1	56185	55696	56185	56022	0.50	cps
Sodium	23-2	213244	212844	211681	212590	0.38	cps
Strontium	86-1	296301	292812	289275	292796	1.20	cps
Strontium	88-1	2549196	2534837	2494057	2526030	1.13	cps
Sulfur	34-1	154630	149076	144532	149412	3.38	cps
Terbium	159-1	36348462	36529980	36408979	36429141	0.25	cps
Terbium	159-2	21429101	21213015	21321039	21321051	0.51	cps
Thallium	203-1	10431	10227	10884	10514	3.20	cps
Thallium	205-1	24926	25340	25063	25110	0.84	cps
Tin	118-1	53689	54165	53850	53901	0.45	cps
Titanium	47-1	2245897	2278668	2254922	2259829	0.75	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-22	Instrumnet Name :	P7
Client Sample ID :	MYE5F2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:38:57	DataFile Name :	185SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	59495	59268	60312	59692	0.92	cps
Vanadium	51-2	1196047	1188703	1185733	1190161	0.45	cps
Yttrium	89-1	40063455	39989687	39219206	39757449	1.18	cps
Yttrium	89-2	9651925	9655691	9568573	9625396	0.51	cps
Zinc	66-2	520200	516156	519517	518624	0.42	cps
Zirconium	90-1	415486	418750	412563	415600	0.74	cps
Zirconium	91-1	93649	93935	91261	92948	1.58	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164766BL	Instrumnet Name :	P7
Client Sample ID :	PBW766	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:41:56	DataFile Name :	186CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	477	527	420	474	11.25	cps
Antimony	121-1	70	50	73	64	19.58	cps
Arsenic	75-2	20	7	13	13	49.99	cps
Barium	135-1	327	193	227	249	27.88	cps
Barium	137-1	533	277	277	362	40.91	cps
Beryllium	9-1	11	33	17	20	56.76	cps
Bismuth	209-1	21024011	20542131	20322585	20629576	1.74	cps
Bismuth	209-2	14224336	14262755	14150536	14212542	0.40	cps
Bromine	81-1	18355	17747	17918	18007	1.74	cps
Bromine	81-2	197	193	187	192	2.65	cps
Cadmium	108-1	27	20	17	21	24.12	cps
Cadmium	106-1	9363	8779	8493	8878	5.00	cps
Cadmium	111-1	956	887	885	909	4.46	cps
Calcium	43-1	423	397	493	438	11.40	cps
Calcium	44-1	37173	37145	37239	37186	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1683	1603	1663	1650	2.52	cps
Cobalt	59-2	358	338	335	344	3.67	cps
Copper	63-2	2910	2837	2934	2894	1.74	cps
Dysprosium	156-1	30	30	13	24	39.37	cps
Dysprosium	156-2	0	7	17	8	107.84	cps
Erbium	164-1	150	193	163	169	13.14	cps
Erbium	164-2	103	80	67	83	22.27	cps
Gadolinium	160-1	170	150	137	152	11.02	cps
Gadolinium	160-2	960	1020	970	983	3.27	cps
Holmium	165-1	35567493	35080228	34616176	35087966	1.36	cps
Holmium	165-2	20890036	21246094	21016518	21050883	0.86	cps
Indium	115-1	29425865	29735863	29234771	29465500	0.86	cps
Indium	115-2	9320329	9361950	9293204	9325161	0.37	cps
Iron	56-2	36925	35355	34877	35719	3.00	cps
Iron	57-2	1790	1783	1907	1827	3.80	cps
Iron	54-2	4721	4391	4217	4443	5.76	cps
Krypton	83-1	350	423	397	390	9.52	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164766BL	Instrumnet Name :	P7
Client Sample ID :	PBW766	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:41:56	DataFile Name :	186CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1333	1057	1097	1162	12.87	cps
Lead	207-1	1127	1097	890	1038	12.42	cps
Lead	208-1	5070	4604	4320	4665	8.12	cps
Lithium	6-1	2644064	2556317	2611121	2603834	1.70	cps
Magnesium	24-2	4814	4894	5318	5009	5.40	cps
Manganese	55-2	1150	1147	1200	1166	2.56	cps
Molybdenum	94-1	717	770	840	776	7.98	cps
Molybdenum	95-1	47	33	37	39	17.85	cps
Molybdenum	96-1	207	177	253	212	18.20	cps
Molybdenum	97-1	27	50	57	44	35.44	cps
Molybdenum	98-1	63	63	87	71	18.95	cps
Neodymium	150-1	23	47	23	31	43.32	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	297	237	237	257	13.50	cps
Phosphorus	31-2	210	223	227	220	4.01	cps
Potassium	39-2	78792	79694	79339	79275	0.57	cps
Rhodium	103-1	28849507	28563927	28235710	28549715	1.08	cps
Rhodium	103-2	16155453	16143207	16134119	16144259	0.07	cps
Scandium	45-1	14764926	14605797	14447467	14606063	1.09	cps
Scandium	45-2	1277437	1277466	1284457	1279787	0.32	cps
Selenium	82-1	1523	1241	1357	1373	10.32	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	503	493	533	510	4.08	cps
Silicon	28-1	854244	858655	852622	855174	0.37	cps
Silver	107-1	247	223	190	220	12.95	cps
Silver	109-1	97	123	130	117	15.12	cps
Sodium	23-2	47055	47085	45193	46444	2.33	cps
Strontium	86-1	650	810	630	697	14.16	cps
Strontium	88-1	677	467	413	519	26.83	cps
Sulfur	34-1	142877	143674	144744	143765	0.65	cps
Terbium	159-1	36419137	35517652	35576632	35837807	1.41	cps
Terbium	159-2	21347684	21001605	20960578	21103289	1.01	cps
Thallium	203-1	257	320	323	300	12.52	cps
Thallium	205-1	680	743	773	732	6.51	cps
Tin	118-1	2854	3067	2714	2878	6.19	cps
Titanium	47-1	450	330	380	387	15.59	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164766BL	Instrumnet Name :	P7
Client Sample ID :	PBW766	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:41:56	DataFile Name :	186CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60	37	33	43	33.53	cps
Vanadium	51-2	83	103	73	87	17.63	cps
Yttrium	89-1	38654014	38665736	37833371	38384374	1.24	cps
Yttrium	89-2	9393555	9324581	9390376	9369504	0.42	cps
Zinc	66-2	543	597	570	570	4.68	cps
Zirconium	90-1	1987	2107	2400	2165	9.82	cps
Zirconium	91-1	443	433	537	471	12.10	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164766BS	Instrumnet Name :	P7
Client Sample ID :	LCS766	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:45:14	DataFile Name :	187LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21358	21879	21682	21640	1.22	cps
Antimony	121-1	111400	111366	110769	111178	0.32	cps
Arsenic	75-2	3140	3050	3050	3080	1.69	cps
Barium	135-1	133946	131850	132594	132797	0.80	cps
Barium	137-1	233146	232074	233522	232914	0.32	cps
Beryllium	9-1	4584	4729	4640	4651	1.57	cps
Bismuth	209-1	20297902	20136151	20079105	20171052	0.56	cps
Bismuth	209-2	14396742	14283421	14378344	14352836	0.42	cps
Bromine	81-1	18024	17367	18859	18083	4.13	cps
Bromine	81-2	127	213	183	174	25.23	cps
Cadmium	108-1	1073	1133	1133	1113	3.11	cps
Cadmium	106-1	10444	10591	9930	10322	3.36	cps
Cadmium	111-1	15868	15748	15608	15742	0.83	cps
Calcium	43-1	65822	67218	66766	66602	1.07	cps
Calcium	44-1	1198061	1199601	1194448	1197370	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47986	47307	47578	47624	0.72	cps
Cobalt	59-2	42791	42309	42497	42532	0.57	cps
Copper	63-2	59431	60210	60113	59918	0.71	cps
Dysprosium	156-1	20	17	10	16	32.73	cps
Dysprosium	156-2	10	20	23	18	39.03	cps
Erbium	164-1	147	203	150	167	19.08	cps
Erbium	164-2	110	73	70	84	26.28	cps
Gadolinium	160-1	190	143	150	161	15.66	cps
Gadolinium	160-2	1037	1030	1023	1030	0.65	cps
Holmium	165-1	34565201	34546901	33943216	34351773	1.03	cps
Holmium	165-2	21148836	21036211	21128018	21104355	0.28	cps
Indium	115-1	29133413	29636870	29351466	29373916	0.86	cps
Indium	115-2	9481268	9424740	9457027	9454345	0.30	cps
Iron	56-2	4051212	3979909	3995335	4008819	0.94	cps
Iron	57-2	106020	106068	105829	105972	0.12	cps
Iron	54-2	234609	231846	232920	233125	0.60	cps
Krypton	83-1	500	443	423	456	8.73	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164766BS	Instrumnet Name :	P7
Client Sample ID :	LCS766	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:45:14	DataFile Name :	187LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40464	40932	40841	40746	0.61	cps
Lead	207-1	36074	35593	36245	35971	0.94	cps
Lead	208-1	166383	164427	165106	165305	0.60	cps
Lithium	6-1	2640027	2715306	2715133	2690156	1.61	cps
Magnesium	24-2	950198	945327	941021	945515	0.49	cps
Manganese	55-2	17430	17647	17827	17635	1.13	cps
Molybdenum	94-1	117466	116072	117265	116934	0.64	cps
Molybdenum	95-1	143684	140208	141065	141652	1.28	cps
Molybdenum	96-1	158541	158630	159579	158917	0.36	cps
Molybdenum	97-1	87654	89301	87795	88250	1.03	cps
Molybdenum	98-1	230181	229166	228096	229148	0.45	cps
Neodymium	150-1	20	17	20	19	10.18	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	10060	10407	9967	10145	2.29	cps
Phosphorus	31-2	187	277	263	242	20.05	cps
Potassium	39-2	1237124	1231379	1229358	1232620	0.33	cps
Rhodium	103-1	28158741	28145725	28054350	28119605	0.20	cps
Rhodium	103-2	16344237	16105362	16154313	16201304	0.78	cps
Scandium	45-1	14780551	14747745	14730620	14752972	0.17	cps
Scandium	45-2	1293261	1290875	1288633	1290923	0.18	cps
Selenium	82-1	5748	5825	5927	5833	1.54	cps
Selenium	77-2	423	417	407	416	2.02	cps
Selenium	78-2	2120	1953	1887	1987	6.05	cps
Silicon	28-1	1353084	1346492	1339077	1346218	0.52	cps
Silver	107-1	73424	74376	74409	74070	0.76	cps
Silver	109-1	71358	70745	71418	71173	0.52	cps
Sodium	23-2	1576360	1546630	1554144	1559044	0.99	cps
Strontium	86-1	17838	18311	18188	18112	1.36	cps
Strontium	88-1	154680	153020	151325	153008	1.10	cps
Sulfur	34-1	158815	161115	163059	160997	1.32	cps
Terbium	159-1	35580029	35459066	35002751	35347282	0.86	cps
Terbium	159-2	21377633	21290001	21079172	21248935	0.72	cps
Thallium	203-1	49469	50647	48733	49617	1.95	cps
Thallium	205-1	116046	115482	116222	115917	0.33	cps
Tin	118-1	3220	3224	3344	3263	2.15	cps
Titanium	47-1	32385	32448	32672	32502	0.46	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164766BS	Instrumnet Name :	P7
Client Sample ID :	LCS766	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:45:14	DataFile Name :	187LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	149366	149842	149724	149644	0.17	cps
Vanadium	51-2	93467	93842	94584	93965	0.60	cps
Yttrium	89-1	38470537	38733129	38083426	38429031	0.85	cps
Yttrium	89-2	9512429	9444776	9372183	9443129	0.74	cps
Zinc	66-2	22918	22430	22130	22493	1.77	cps
Zirconium	90-1	98997	99158	97967	98708	0.65	cps
Zirconium	91-1	22407	21733	21429	21856	2.29	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-01	Instrumnet Name :	P7
Client Sample ID :	MC0B82	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:48:27	DataFile Name :	188SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10570	10607	10557	10578	0.24	cps
Antimony	121-1	283	270	403	319	23.03	cps
Arsenic	75-2	473	360	380	404	14.96	cps
Barium	135-1	2897866	2920749	2970755	2929790	1.27	cps
Barium	137-1	5069178	5035995	5174348	5093174	1.42	cps
Beryllium	9-1	467	600	456	507	15.84	cps
Bismuth	209-1	19180609	19120608	19633749	19311656	1.45	cps
Bismuth	209-2	14157425	13866203	14081461	14035030	1.08	cps
Bromine	81-1	132298	175872	201526	169899	20.60	cps
Bromine	81-2	35917	36889	37554	36787	2.24	cps
Cadmium	108-1	170	230	223	208	15.83	cps
Cadmium	106-1	9650	9970	9703	9774	1.76	cps
Cadmium	111-1	3359	3027	3150	3179	5.27	cps
Calcium	43-1	4360180	4465285	4477915	4434460	1.46	cps
Calcium	44-1	70455561	71011053	72172581	71213065	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75142747	75424834	74958756	75175446	0.31	cps
Cobalt	59-2	713340	709458	712822	711874	0.30	cps
Copper	63-2	98978	100447	98444	99290	1.04	cps
Dysprosium	156-1	1673	1760	1663	1699	3.13	cps
Dysprosium	156-2	1157	1190	1123	1157	2.88	cps
Erbium	164-1	1790	1883	1760	1811	3.55	cps
Erbium	164-2	1010	1097	1030	1046	4.34	cps
Gadolinium	160-1	1974	2010	1957	1980	1.38	cps
Gadolinium	160-2	2264	2384	2287	2311	2.75	cps
Holmium	165-1	33707367	34056734	34131292	33965131	0.67	cps
Holmium	165-2	21723299	20962856	21105314	21263823	1.90	cps
Indium	115-1	27990486	28252689	28587055	28276743	1.06	cps
Indium	115-2	9267940	9122916	9149605	9180153	0.84	cps
Iron	56-2	1705417	1725463	1699856	1710245	0.79	cps
Iron	57-2	116524	118435	119141	118034	1.15	cps
Iron	54-2	2552483	2592432	2585784	2576900	0.83	cps
Krypton	83-1	450	427	523	467	10.81	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-01	Instrumnet Name :	P7
Client Sample ID :	MC0B82	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:48:27	DataFile Name :	188SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1944	1837	1730	1837	5.81	cps
Lead	207-1	1680	1440	1613	1578	7.85	cps
Lead	208-1	7514	7051	7044	7203	3.74	cps
Lithium	6-1	2703986	2626532	2659258	2663259	1.46	cps
Magnesium	24-2	22895227	22640878	23004240	22846782	0.82	cps
Manganese	55-2	2749474	2724200	2816071	2763248	1.72	cps
Molybdenum	94-1	2294	2407	2680	2460	8.08	cps
Molybdenum	95-1	2804	2637	2620	2687	3.77	cps
Molybdenum	96-1	3134	3030	2857	3007	4.65	cps
Molybdenum	97-1	1587	1660	1603	1617	2.38	cps
Molybdenum	98-1	4291	4411	4764	4489	5.48	cps
Neodymium	150-1	1107	1107	1180	1131	3.74	cps
Neodymium	150-2	583	520	460	521	11.84	cps
Nickel	60-2	926292	918203	918909	921135	0.49	cps
Phosphorus	31-2	3457	3370	3510	3446	2.05	cps
Potassium	39-2	1628642	1621300	1631941	1627295	0.33	cps
Rhodium	103-1	26347835	26666820	26610466	26541707	0.64	cps
Rhodium	103-2	15482409	15550975	15377929	15470438	0.56	cps
Scandium	45-1	14399034	14153481	14386618	14313045	0.97	cps
Scandium	45-2	1238353	1244457	1244310	1242373	0.28	cps
Selenium	82-1	1618	1659	1511	1596	4.77	cps
Selenium	77-2	27	30	40	32	21.53	cps
Selenium	78-2	607	573	580	587	3.01	cps
Silicon	28-1	150091444	152264788	151526441	151294224	0.73	cps
Silver	107-1	610	517	640	589	10.92	cps
Silver	109-1	527	487	423	479	10.88	cps
Sodium	23-2	29981474	29877245	29965500	29941407	0.19	cps
Strontium	86-1	1328583	1356089	1355386	1346686	1.16	cps
Strontium	88-1	11717790	11816846	11748455	11761031	0.43	cps
Sulfur	34-1	827075	840296	835652	834341	0.80	cps
Terbium	159-1	34252156	34437826	34437827	34375936	0.31	cps
Terbium	159-2	21401931	21142038	21351946	21298638	0.65	cps
Thallium	203-1	393	367	403	388	4.89	cps
Thallium	205-1	1087	1023	973	1028	5.53	cps
Tin	118-1	5304	5148	5371	5274	2.17	cps
Titanium	47-1	2224	2160	2224	2202	1.66	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-01	Instrumnet Name :	P7
Client Sample ID :	MC0B82	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:48:27	DataFile Name :	188SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	82775	84884	85210	84290	1.57	cps
Vanadium	51-2	4627	4721	4614	4654	1.25	cps
Yttrium	89-1	36863957	37188349	37362279	37138195	0.68	cps
Yttrium	89-2	9247619	9283011	9230975	9253868	0.29	cps
Zinc	66-2	35355	35472	35308	35379	0.24	cps
Zirconium	90-1	2620	2920	3260	2934	10.92	cps
Zirconium	91-1	483	463	717	554	25.40	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-02	Instrumnet Name :	P7
Client Sample ID :	MC0B83	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:51:35	DataFile Name :	189SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1600	1477	1467	1515	4.90	cps
Antimony	121-1	523	550	473	516	7.55	cps
Arsenic	75-2	190	170	263	208	23.65	cps
Barium	135-1	2183015	2145075	2157835	2161975	0.89	cps
Barium	137-1	3769810	3730270	3726512	3742197	0.64	cps
Beryllium	9-1	117	100	28	81	57.99	cps
Bismuth	209-1	20601320	20463024	20150178	20404841	1.13	cps
Bismuth	209-2	13816504	13190167	14563342	13856671	4.96	cps
Bromine	81-1	206922	263310	295758	255330	17.61	cps
Bromine	81-2	52797	54861	54998	54219	2.27	cps
Cadmium	108-1	57	27	53	46	36.09	cps
Cadmium	106-1	10941	10691	10537	10723	1.90	cps
Cadmium	111-1	1167	1113	1103	1128	3.05	cps
Calcium	43-1	4754059	4648157	4639268	4680495	1.36	cps
Calcium	44-1	76013226	75721523	75241415	75658721	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	216188	216887	211397	214824	1.39	cps
Cobalt	59-2	131501	131960	129725	131062	0.90	cps
Copper	63-2	7932	8029	8116	8026	1.14	cps
Dysprosium	156-1	47	33	23	34	34.00	cps
Dysprosium	156-2	100	73	90	88	15.35	cps
Erbium	164-1	173	157	120	150	18.19	cps
Erbium	164-2	107	90	73	90	18.52	cps
Gadolinium	160-1	167	240	167	191	22.16	cps
Gadolinium	160-2	1090	1017	1243	1117	10.36	cps
Holmium	165-1	36720904	36304647	35979028	36334859	1.02	cps
Holmium	165-2	20777507	20142805	22442621	21120978	5.62	cps
Indium	115-1	30615236	30682393	30573765	30623798	0.18	cps
Indium	115-2	9272296	8934861	9928663	9378607	5.39	cps
Iron	56-2	100452	98651	98265	99123	1.18	cps
Iron	57-2	78594	80822	80367	79928	1.47	cps
Iron	54-2	14617	14917	14347	14627	1.95	cps
Krypton	83-1	473	393	453	440	9.46	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-02	Instrumnet Name :	P7
Client Sample ID :	MC0B83	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:51:35	DataFile Name :	189SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25921	25674	25407	25668	1.00	cps
Lead	207-1	23020	22445	22242	22569	1.79	cps
Lead	208-1	103527	103465	102124	103039	0.77	cps
Lithium	6-1	2808962	2891936	2767329	2822742	2.25	cps
Magnesium	24-2	23289209	23518838	23304265	23370771	0.55	cps
Manganese	55-2	336411	334830	331483	334241	0.75	cps
Molybdenum	94-1	697	980	853	843	16.83	cps
Molybdenum	95-1	223	203	197	208	6.68	cps
Molybdenum	96-1	340	333	357	343	3.50	cps
Molybdenum	97-1	153	123	177	151	17.69	cps
Molybdenum	98-1	277	270	323	290	10.02	cps
Neodymium	150-1	120	117	70	102	27.35	cps
Neodymium	150-2	33	17	17	22	43.28	cps
Nickel	60-2	220531	220554	216639	219242	1.03	cps
Phosphorus	31-2	1190	1217	1293	1233	4.35	cps
Potassium	39-2	1851919	1819665	1796410	1822665	1.53	cps
Rhodium	103-1	28890247	28448200	28809855	28716100	0.82	cps
Rhodium	103-2	15656000	15116719	16696014	15822911	5.07	cps
Scandium	45-1	15620116	15556675	15418357	15531716	0.66	cps
Scandium	45-2	1291459	1237859	1350503	1293274	4.36	cps
Selenium	82-1	1606	1895	1746	1749	8.26	cps
Selenium	77-2	43	23	7	24	75.09	cps
Selenium	78-2	667	613	650	643	4.24	cps
Silicon	28-1	164567004	161241518	161968938	162592486	1.08	cps
Silver	107-1	260	210	230	233	10.79	cps
Silver	109-1	157	147	123	142	12.03	cps
Sodium	23-2	31302900	31207195	31190129	31233408	0.19	cps
Strontium	86-1	1444896	1449688	1448095	1447560	0.17	cps
Strontium	88-1	12502793	12507926	12548941	12519887	0.20	cps
Sulfur	34-1	911145	912392	920042	914526	0.53	cps
Terbium	159-1	37388669	37091935	37135836	37205480	0.43	cps
Terbium	159-2	21003596	20441073	22246689	21230453	4.35	cps
Thallium	203-1	490	423	470	461	7.42	cps
Thallium	205-1	1263	1107	977	1116	12.87	cps
Tin	118-1	4367	4431	4207	4335	2.66	cps
Titanium	47-1	1797	1863	1753	1805	3.07	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-02	Instrumnet Name :	P7
Client Sample ID :	MC0B83	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:51:35	DataFile Name :	189SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	207	237	270	238	13.33	cps
Vanadium	51-2	167	120	160	149	16.95	cps
Yttrium	89-1	40374250	40440714	40203389	40339451	0.30	cps
Yttrium	89-2	9423648	9044741	9959038	9475809	4.85	cps
Zinc	66-2	13069	12435	12555	12687	2.65	cps
Zirconium	90-1	2060	2140	2130	2110	2.07	cps
Zirconium	91-1	387	423	410	407	4.56	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-03	Instrumnet Name :	P7
Client Sample ID :	MC0B84	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:54:47	DataFile Name :	190SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1437	1433	1333	1401	4.19	cps
Antimony	121-1	440	407	450	432	5.25	cps
Arsenic	75-2	263	190	223	226	16.28	cps
Barium	135-1	1289107	1281480	1287583	1286057	0.31	cps
Barium	137-1	2236353	2211252	2235619	2227741	0.64	cps
Beryllium	9-1	22	56	61	46	45.43	cps
Bismuth	209-1	20187348	19748069	19806551	19913989	1.20	cps
Bismuth	209-2	14286646	14166437	14046269	14166451	0.85	cps
Bromine	81-1	237954	294433	327290	286559	15.77	cps
Bromine	81-2	59643	60527	61735	60635	1.73	cps
Cadmium	108-1	40	23	47	37	32.79	cps
Cadmium	106-1	10467	9883	10050	10134	2.97	cps
Cadmium	111-1	1061	1030	1018	1036	2.14	cps
Calcium	43-1	4625828	4682683	4662056	4656856	0.62	cps
Calcium	44-1	75836420	76621050	75381731	75946400	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	196276	197053	195179	196169	0.48	cps
Cobalt	59-2	109562	109079	108278	108973	0.60	cps
Copper	63-2	3927	4061	3927	3972	1.94	cps
Dysprosium	156-1	37	33	27	32	15.80	cps
Dysprosium	156-2	53	60	53	56	6.93	cps
Erbium	164-1	153	130	137	140	8.59	cps
Erbium	164-2	103	107	100	103	3.23	cps
Gadolinium	160-1	167	147	213	176	19.49	cps
Gadolinium	160-2	1110	1020	1130	1087	5.39	cps
Holmium	165-1	35536062	35476758	34819925	35277582	1.13	cps
Holmium	165-2	21365524	21651641	21537720	21518295	0.67	cps
Indium	115-1	30265437	30382194	30034796	30227476	0.58	cps
Indium	115-2	9723771	9442126	9471440	9545779	1.62	cps
Iron	56-2	51953	52765	52194	52304	0.80	cps
Iron	57-2	79204	80122	79505	79610	0.59	cps
Iron	54-2	11568	11785	11628	11660	0.96	cps
Krypton	83-1	427	443	443	438	2.20	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-03	Instrumnet Name :	P7
Client Sample ID :	MC0B84	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:54:47	DataFile Name :	190SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1443	1307	1287	1346	6.34	cps
Lead	207-1	1097	1160	1067	1108	4.30	cps
Lead	208-1	5621	5277	5127	5342	4.74	cps
Lithium	6-1	2743455	2745868	2840628	2776650	2.00	cps
Magnesium	24-2	23675981	23588807	23431505	23565431	0.53	cps
Manganese	55-2	12162	11715	11905	11927	1.88	cps
Molybdenum	94-1	770	870	853	831	6.45	cps
Molybdenum	95-1	243	280	247	257	7.90	cps
Molybdenum	96-1	453	463	467	461	1.51	cps
Molybdenum	97-1	177	143	187	169	13.43	cps
Molybdenum	98-1	460	400	417	426	7.28	cps
Neodymium	150-1	77	57	57	63	18.23	cps
Neodymium	150-2	27	7	37	23	65.46	cps
Nickel	60-2	187608	186066	185225	186300	0.65	cps
Phosphorus	31-2	1213	1263	1223	1233	2.15	cps
Potassium	39-2	1851581	1810825	1838656	1833687	1.14	cps
Rhodium	103-1	28595735	27809439	27943078	28116084	1.50	cps
Rhodium	103-2	16350747	16001180	16075010	16142312	1.14	cps
Scandium	45-1	15594372	15549528	15376174	15506691	0.74	cps
Scandium	45-2	1341017	1313983	1309435	1321479	1.29	cps
Selenium	82-1	1808	1748	1798	1785	1.79	cps
Selenium	77-2	33	27	27	29	13.31	cps
Selenium	78-2	593	630	590	604	3.67	cps
Silicon	28-1	165275584	160600101	162788438	162888041	1.44	cps
Silver	107-1	237	200	203	213	9.50	cps
Silver	109-1	123	130	80	111	24.43	cps
Sodium	23-2	31716014	31473595	31173669	31454426	0.86	cps
Strontium	86-1	1482478	1478715	1456675	1472622	0.95	cps
Strontium	88-1	13186844	13044592	12845372	13025603	1.32	cps
Sulfur	34-1	934675	936146	934617	935146	0.09	cps
Terbium	159-1	36472855	36344667	35981876	36266466	0.70	cps
Terbium	159-2	21796229	21998345	21951195	21915256	0.48	cps
Thallium	203-1	717	620	677	671	7.24	cps
Thallium	205-1	1500	1323	1367	1397	6.59	cps
Tin	118-1	3137	3037	3070	3081	1.65	cps
Titanium	47-1	1890	1790	1773	1818	3.47	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-03	Instrumnet Name :	P7
Client Sample ID :	MC0B84	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:54:47	DataFile Name :	190SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	380	343	420	381	10.06	cps
Vanadium	51-2	167	153	213	178	17.72	cps
Yttrium	89-1	40183856	40035493	39445670	39888340	0.98	cps
Yttrium	89-2	9734022	9690414	9816543	9746993	0.66	cps
Zinc	66-2	7075	6848	6765	6896	2.33	cps
Zirconium	90-1	2070	1893	2070	2011	5.07	cps
Zirconium	91-1	457	420	550	476	14.10	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-04	Instrumnet Name :	P7
Client Sample ID :	MC0B86	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:58:00	DataFile Name :	191SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3334	3367	3260	3320	1.64	cps
Antimony	121-1	900	940	1050	963	8.06	cps
Arsenic	75-2	320	307	303	310	2.85	cps
Barium	135-1	629983	635234	632659	632625	0.42	cps
Barium	137-1	1090788	1105991	1105403	1100727	0.78	cps
Beryllium	9-1	33	17	39	30	39.02	cps
Bismuth	209-1	19693417	19606298	19389437	19563051	0.80	cps
Bismuth	209-2	14039400	13867244	13797399	13901348	0.90	cps
Bromine	81-1	172690	214919	232400	206670	14.85	cps
Bromine	81-2	40492	41131	41635	41086	1.39	cps
Cadmium	108-1	30	10	33	24	51.62	cps
Cadmium	106-1	9883	9777	9483	9714	2.13	cps
Cadmium	111-1	997	1021	965	994	2.80	cps
Calcium	43-1	4461422	4484818	4413118	4453119	0.82	cps
Calcium	44-1	72202782	73241899	72220596	72555092	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	143643	144010	143661	143771	0.14	cps
Cobalt	59-2	25748	25434	25705	25629	0.66	cps
Copper	63-2	2640	2547	2560	2582	1.96	cps
Dysprosium	156-1	37	77	70	61	35.07	cps
Dysprosium	156-2	73	77	97	82	15.35	cps
Erbium	164-1	217	223	187	209	9.35	cps
Erbium	164-2	160	163	110	144	20.68	cps
Gadolinium	160-1	240	250	210	233	8.92	cps
Gadolinium	160-2	1100	1057	1113	1090	2.72	cps
Holmium	165-1	35252612	34678457	34509479	34813516	1.12	cps
Holmium	165-2	21053368	20988210	21071325	21037634	0.21	cps
Indium	115-1	29720534	28993381	29139286	29284400	1.31	cps
Indium	115-2	9421001	9354206	9332468	9369225	0.49	cps
Iron	56-2	44462	44292	43777	44177	0.81	cps
Iron	57-2	75371	77170	76932	76491	1.28	cps
Iron	54-2	9853	9827	9890	9857	0.32	cps
Krypton	83-1	407	470	433	437	7.28	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-04	Instrumnet Name :	P7
Client Sample ID :	MC0B86	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:58:00	DataFile Name :	191SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1290	1307	1163	1253	6.25	cps
Lead	207-1	1110	1093	1017	1073	4.64	cps
Lead	208-1	5147	4957	4647	4917	5.13	cps
Lithium	6-1	2799774	2760186	2750825	2770262	0.94	cps
Magnesium	24-2	22558049	22556616	23079804	22731489	1.33	cps
Manganese	55-2	9463	9333	9937	9578	3.32	cps
Molybdenum	94-1	967	1070	1150	1062	8.65	cps
Molybdenum	95-1	537	573	613	574	6.68	cps
Molybdenum	96-1	767	693	737	732	5.04	cps
Molybdenum	97-1	357	333	337	342	3.69	cps
Molybdenum	98-1	833	813	840	829	1.67	cps
Neodymium	150-1	110	107	93	103	8.54	cps
Neodymium	150-2	37	30	27	31	16.37	cps
Nickel	60-2	40020	39472	40254	39915	1.01	cps
Phosphorus	31-2	1213	1263	1257	1245	2.18	cps
Potassium	39-2	1732695	1731692	1738549	1734312	0.21	cps
Rhodium	103-1	28031575	27440450	27246648	27572891	1.48	cps
Rhodium	103-2	15791869	15790342	15813940	15798717	0.08	cps
Scandium	45-1	15401904	15191021	14993284	15195403	1.34	cps
Scandium	45-2	1318683	1305588	1292016	1305429	1.02	cps
Selenium	82-1	1748	1668	1835	1750	4.75	cps
Selenium	77-2	50	23	17	30	58.79	cps
Selenium	78-2	560	560	667	596	10.34	cps
Silicon	28-1	154913128	155740391	157678331	156110617	0.91	cps
Silver	107-1	167	157	170	164	4.22	cps
Silver	109-1	110	103	93	102	8.21	cps
Sodium	23-2	30790030	30777734	30965940	30844568	0.34	cps
Strontium	86-1	1426572	1450966	1451800	1443112	0.99	cps
Strontium	88-1	12463288	12608526	12590291	12554035	0.63	cps
Sulfur	34-1	907751	911841	905725	908439	0.34	cps
Terbium	159-1	36419212	35404315	35023329	35615619	2.03	cps
Terbium	159-2	21768082	21297211	21048716	21371336	1.71	cps
Thallium	203-1	763	577	567	636	17.43	cps
Thallium	205-1	1473	1497	1457	1476	1.36	cps
Tin	118-1	3277	3357	4300	3645	15.61	cps
Titanium	47-1	1710	1700	1600	1670	3.64	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-04	Instrumnet Name :	P7
Client Sample ID :	MC0B86	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 08:58:00	DataFile Name :	191SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4618	4858	4854	4776	2.88	cps
Vanadium	51-2	1617	1717	1680	1671	3.03	cps
Yttrium	89-1	40028596	38848989	38422121	39099902	2.13	cps
Yttrium	89-2	9431261	9555857	9564481	9517200	0.78	cps
Zinc	66-2	2404	2454	2364	2407	1.87	cps
Zirconium	90-1	2177	2244	2274	2231	2.22	cps
Zirconium	91-1	447	393	533	458	15.44	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-05	Instrumnet Name :	P7
Client Sample ID :	MC0B86D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:01:11	DataFile Name :	192SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3370	3484	3390	3415	1.77	cps
Antimony	121-1	877	867	960	901	5.69	cps
Arsenic	75-2	280	333	327	313	9.27	cps
Barium	135-1	628567	627643	627197	627802	0.11	cps
Barium	137-1	1092808	1099324	1098943	1097025	0.33	cps
Beryllium	9-1	11	6	33	17	88.17	cps
Bismuth	209-1	19607110	19421029	19554559	19527566	0.49	cps
Bismuth	209-2	13862436	13712028	14064229	13879564	1.27	cps
Bromine	81-1	154751	188351	207483	183528	14.55	cps
Bromine	81-2	35379	36873	37033	36428	2.50	cps
Cadmium	108-1	30	20	30	27	21.65	cps
Cadmium	106-1	10234	9927	9390	9850	4.34	cps
Cadmium	111-1	1026	1016	950	998	4.14	cps
Calcium	43-1	4496408	4489303	4441728	4475813	0.66	cps
Calcium	44-1	72414515	71557582	72749329	72240476	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	140891	141102	140416	140803	0.25	cps
Cobalt	59-2	25523	26057	24888	25489	2.30	cps
Copper	63-2	2460	2564	2607	2544	2.96	cps
Dysprosium	156-1	73	60	47	60	22.22	cps
Dysprosium	156-2	50	53	60	54	9.35	cps
Erbium	164-1	233	190	213	212	10.22	cps
Erbium	164-2	147	170	157	158	7.42	cps
Gadolinium	160-1	170	237	213	207	16.37	cps
Gadolinium	160-2	1080	1107	1067	1085	1.88	cps
Holmium	165-1	34965864	34422726	34047987	34478859	1.34	cps
Holmium	165-2	21283896	21059621	21370214	21237910	0.75	cps
Indium	115-1	29340526	29048598	28828353	29072492	0.88	cps
Indium	115-2	9397218	9395989	9448146	9413784	0.32	cps
Iron	56-2	39041	39442	38499	38994	1.21	cps
Iron	57-2	73197	75649	75431	74759	1.82	cps
Iron	54-2	9543	9220	9210	9324	2.04	cps
Krypton	83-1	320	367	473	387	20.33	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-05	Instrumnet Name :	P7
Client Sample ID :	MC0B86D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:01:11	DataFile Name :	192SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1100	1087	957	1048	7.56	cps
Lead	207-1	1000	837	913	917	8.92	cps
Lead	208-1	4374	4054	3927	4118	5.59	cps
Lithium	6-1	2862132	2744862	2810207	2805733	2.09	cps
Magnesium	24-2	22504722	22693358	22418380	22538820	0.62	cps
Manganese	55-2	9506	9416	9393	9439	0.63	cps
Molybdenum	94-1	937	907	1153	999	13.47	cps
Molybdenum	95-1	540	607	490	546	10.73	cps
Molybdenum	96-1	720	690	713	708	2.23	cps
Molybdenum	97-1	383	370	350	368	4.56	cps
Molybdenum	98-1	917	977	953	949	3.19	cps
Neodymium	150-1	100	97	57	84	28.55	cps
Neodymium	150-2	33	53	23	37	41.66	cps
Nickel	60-2	39990	40672	39041	39901	2.05	cps
Phosphorus	31-2	1280	1283	1293	1286	0.54	cps
Potassium	39-2	1702633	1721074	1687304	1703671	0.99	cps
Rhodium	103-1	27350252	27297106	27337970	27328443	0.10	cps
Rhodium	103-2	15740619	15737058	15698809	15725495	0.15	cps
Scandium	45-1	15194665	14887997	15065484	15049382	1.02	cps
Scandium	45-2	1285670	1298955	1307390	1297338	0.84	cps
Selenium	82-1	1863	1678	1560	1700	8.98	cps
Selenium	77-2	17	30	30	26	30.11	cps
Selenium	78-2	577	577	570	574	0.67	cps
Silicon	28-1	155066518	154770564	156008774	155281952	0.42	cps
Silver	107-1	177	163	187	176	6.67	cps
Silver	109-1	77	107	87	90	16.97	cps
Sodium	23-2	30327382	30749519	30806393	30627765	0.85	cps
Strontium	86-1	1432509	1430586	1436199	1433098	0.20	cps
Strontium	88-1	12387314	12510442	12381241	12426332	0.59	cps
Sulfur	34-1	910256	913441	916441	913379	0.34	cps
Terbium	159-1	36074353	35373161	35154863	35534126	1.35	cps
Terbium	159-2	21429701	21252428	21188811	21290314	0.59	cps
Thallium	203-1	560	523	593	559	6.26	cps
Thallium	205-1	1450	1267	1250	1322	8.39	cps
Tin	118-1	3240	3224	3170	3212	1.14	cps
Titanium	47-1	2424	1563	1763	1917	23.49	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-05	Instrumnet Name :	P7
Client Sample ID :	MC0B86D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:01:11	DataFile Name :	192SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4614	4968	4634	4739	4.19	cps
Vanadium	51-2	1543	1640	1537	1573	3.68	cps
Yttrium	89-1	38936483	38766175	38433919	38712192	0.66	cps
Yttrium	89-2	9627863	9534502	9464077	9542147	0.86	cps
Zinc	66-2	2060	2007	2030	2032	1.32	cps
Zirconium	90-1	1747	1840	2037	1875	7.90	cps
Zirconium	91-1	407	470	453	443	7.40	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-04LX5	Instrumnet Name :	P7
Client Sample ID :	MC0B86L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 09:04:29	DataFile Name :	193SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1173	1103	1120	1132	3.23	cps
Antimony	121-1	250	267	217	244	10.42	cps
Arsenic	75-2	43	53	67	54	21.51	cps
Barium	135-1	126247	126227	125897	126124	0.16	cps
Barium	137-1	220507	218142	217702	218784	0.69	cps
Beryllium	9-1	0	28	11	13	107.86	cps
Bismuth	209-1	20142623	19905596	19959748	20002656	0.62	cps
Bismuth	209-2	14151473	14337553	14358802	14282610	0.80	cps
Bromine	81-1	69181	72128	73210	71506	2.92	cps
Bromine	81-2	9760	9660	9953	9791	1.52	cps
Cadmium	108-1	37	27	30	31	16.37	cps
Cadmium	106-1	10554	9890	9827	10090	3.99	cps
Cadmium	111-1	1048	995	997	1013	2.97	cps
Calcium	43-1	944703	940936	934712	940117	0.54	cps
Calcium	44-1	14196120	14594920	14638361	14476467	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31710	31256	30801	31256	1.45	cps
Cobalt	59-2	5483	5575	5656	5571	1.56	cps
Copper	63-2	2307	2274	2124	2235	4.37	cps
Dysprosium	156-1	17	30	17	21	36.45	cps
Dysprosium	156-2	20	27	13	20	33.35	cps
Erbium	164-1	177	167	127	157	16.89	cps
Erbium	164-2	103	90	77	90	14.81	cps
Gadolinium	160-1	160	210	163	178	15.72	cps
Gadolinium	160-2	1000	1043	1070	1038	3.41	cps
Holmium	165-1	34784942	34357035	34597897	34579958	0.62	cps
Holmium	165-2	21160731	21470371	21062213	21231105	1.00	cps
Indium	115-1	29724338	29507102	29470932	29567457	0.46	cps
Indium	115-2	9455738	9528970	9581262	9521990	0.66	cps
Iron	56-2	34767	34256	33781	34268	1.44	cps
Iron	57-2	16099	16366	16559	16341	1.41	cps
Iron	54-2	5118	5368	5084	5190	2.98	cps
Krypton	83-1	397	440	423	420	5.20	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-04LX5	Instrumnet Name :	P7
Client Sample ID :	MC0B86L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 09:04:29	DataFile Name :	193SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	963	880	750	864	12.44	cps
Lead	207-1	800	693	677	723	9.25	cps
Lead	208-1	3704	3357	3237	3432	7.06	cps
Lithium	6-1	2886276	2872954	2828204	2862478	1.06	cps
Magnesium	24-2	4579405	4492348	4575488	4549080	1.08	cps
Manganese	55-2	2310	2324	2370	2335	1.35	cps
Molybdenum	94-1	823	630	770	741	13.47	cps
Molybdenum	95-1	177	177	203	186	8.30	cps
Molybdenum	96-1	277	370	287	311	16.47	cps
Molybdenum	97-1	117	137	153	136	13.54	cps
Molybdenum	98-1	287	330	240	286	15.76	cps
Neodymium	150-1	27	33	33	31	12.36	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	8426	8396	8639	8487	1.56	cps
Phosphorus	31-2	457	383	500	447	13.20	cps
Potassium	39-2	423338	422695	424171	423402	0.17	cps
Rhodium	103-1	27988118	27840616	28110245	27979660	0.48	cps
Rhodium	103-2	16245880	16304445	16227265	16259197	0.25	cps
Scandium	45-1	15064559	14983601	15109698	15052619	0.42	cps
Scandium	45-2	1297933	1280601	1287305	1288613	0.68	cps
Selenium	82-1	1443	1408	1434	1428	1.26	cps
Selenium	77-2	10	0	7	6	91.64	cps
Selenium	78-2	617	603	587	602	2.50	cps
Silicon	28-1	32598805	31626275	31772450	31999177	1.64	cps
Silver	107-1	167	147	173	162	8.56	cps
Silver	109-1	83	53	80	72	22.77	cps
Sodium	23-2	6106416	6132509	6076478	6105134	0.46	cps
Strontium	86-1	289480	286518	285469	287156	0.72	cps
Strontium	88-1	2514421	2498267	2481073	2497920	0.67	cps
Sulfur	34-1	380396	379672	381269	380445	0.21	cps
Terbium	159-1	35361541	34954924	34886331	35067599	0.73	cps
Terbium	159-2	21389575	21096166	21425271	21303670	0.85	cps
Thallium	203-1	270	277	257	268	3.80	cps
Thallium	205-1	617	613	607	612	0.83	cps
Tin	118-1	2977	2947	2960	2961	0.51	cps
Titanium	47-1	583	540	453	526	12.60	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-04LX5	Instrumnet Name :	P7
Client Sample ID :	MC0B86L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 09:04:29	DataFile Name :	193SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1020	947	973	980	3.79	cps
Vanadium	51-2	370	347	323	347	6.73	cps
Yttrium	89-1	38995591	39246090	38767799	39003160	0.61	cps
Yttrium	89-2	9574262	9596759	9609279	9593433	0.18	cps
Zinc	66-2	2107	2000	1937	2015	4.27	cps
Zirconium	90-1	1930	1867	1970	1922	2.71	cps
Zirconium	91-1	387	393	407	396	2.57	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:07:41	DataFile Name :	194ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46347321	46433676	46668203	46483067	0.36	cps
Antimony	121-1	27757	28174	28425	28119	1.20	cps
Arsenic	75-2	423	423	403	417	2.77	cps
Barium	135-1	9290	8836	8963	9030	2.59	cps
Barium	137-1	15545	15699	15245	15496	1.49	cps
Beryllium	9-1	633	522	700	619	14.52	cps
Bismuth	209-1	19636559	19583883	19204751	19475064	1.21	cps
Bismuth	209-2	13371523	13609091	13477164	13485926	0.88	cps
Bromine	81-1	31781	30879	29794	30818	3.23	cps
Bromine	81-2	1617	1590	1403	1537	7.56	cps
Cadmium	108-1	4367	4251	4424	4347	2.03	cps
Cadmium	106-1	11134	10754	10157	10682	4.61	cps
Cadmium	111-1	3562	3521	3176	3420	6.21	cps
Calcium	43-1	5930026	6055096	5982531	5989218	1.05	cps
Calcium	44-1	96685709	98012150	96832413	97176757	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	209735	208434	208755	208975	0.32	cps
Cobalt	59-2	32121	32404	32512	32346	0.62	cps
Copper	63-2	91249	90723	91159	91044	0.31	cps
Dysprosium	156-1	127	83	127	112	22.30	cps
Dysprosium	156-2	103	80	60	81	26.74	cps
Erbium	164-1	207	180	290	226	25.44	cps
Erbium	164-2	190	147	120	152	23.21	cps
Gadolinium	160-1	253	223	230	236	6.69	cps
Gadolinium	160-2	1087	1047	1120	1085	3.39	cps
Holmium	165-1	36044092	36092513	35335386	35823997	1.18	cps
Holmium	165-2	21718609	21476033	21667063	21620568	0.59	cps
Indium	115-1	29758304	29456463	28942869	29385879	1.40	cps
Indium	115-2	9528462	9582977	9454169	9521869	0.68	cps
Iron	56-2	913896013	919617800	914922600	916145471	0.33	cps
Iron	57-2	22835193	22517227	22456413	22602944	0.90	cps
Iron	54-2	49943378	49688744	50268531	49966884	0.58	cps
Krypton	83-1	443	500	513	486	7.65	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:07:41	DataFile Name :	194ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	80222	81154	79666	80347	0.94	cps
Lead	207-1	62928	62848	63146	62974	0.24	cps
Lead	208-1	301575	302306	300930	301604	0.23	cps
Lithium	6-1	2799189	2725512	2613101	2712601	3.45	cps
Magnesium	24-2	85508340	85207367	84624169	85113292	0.53	cps
Manganese	55-2	60829	60086	61609	60841	1.25	cps
Molybdenum	94-1	14348796	14324571	14335671	14336346	0.08	cps
Molybdenum	95-1	25360329	25122657	25350280	25277755	0.53	cps
Molybdenum	96-1	27120402	27368846	27450219	27313156	0.63	cps
Molybdenum	97-1	15757719	15644296	15897812	15766609	0.81	cps
Molybdenum	98-1	40696220	40125994	40867724	40563313	0.96	cps
Neodymium	150-1	100	117	117	111	8.66	cps
Neodymium	150-2	80	77	70	76	6.74	cps
Nickel	60-2	23756	23645	23362	23588	0.86	cps
Phosphorus	31-2	2583541	2555181	2569834	2569519	0.55	cps
Potassium	39-2	102608712	101743362	103450512	102600862	0.83	cps
Rhodium	103-1	27314722	27294423	26889641	27166262	0.88	cps
Rhodium	103-2	15814870	16180209	15889892	15961657	1.21	cps
Scandium	45-1	15354396	15624124	15043861	15340794	1.89	cps
Scandium	45-2	1380863	1393675	1418123	1397554	1.35	cps
Selenium	82-1	1411	1390	1277	1359	5.31	cps
Selenium	77-2	13	3	7	8	65.47	cps
Selenium	78-2	550	650	513	571	12.39	cps
Silicon	28-1	1309873	1299347	1280284	1296501	1.16	cps
Silver	107-1	517	517	520	518	0.37	cps
Silver	109-1	500	440	447	462	7.11	cps
Sodium	23-2	142080215	142001935	142957575	142346575	0.37	cps
Strontium	86-1	270177	271839	271821	271279	0.35	cps
Strontium	88-1	2366013	2375592	2365996	2369200	0.23	cps
Sulfur	34-1	8344734	8477983	8369608	8397442	0.84	cps
Terbium	159-1	36461423	36333872	35515135	36103477	1.42	cps
Terbium	159-2	21638371	21754901	21837501	21743591	0.46	cps
Thallium	203-1	430	407	310	382	16.65	cps
Thallium	205-1	1000	1010	870	960	8.14	cps
Tin	118-1	7179	6855	6738	6924	3.29	cps
Titanium	47-1	5920793	5872112	5863228	5885378	0.53	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:07:41	DataFile Name :	194ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1200	1153	1183	1179	2.01	cps
Vanadium	51-2	1870	1793	1680	1781	5.37	cps
Yttrium	89-1	39961483	39531124	39154601	39549069	1.02	cps
Yttrium	89-2	9853043	9981437	10052270	9962250	1.01	cps
Zinc	66-2	23101	22400	22784	22762	1.54	cps
Zirconium	90-1	2374	2300	2624	2432	6.97	cps
Zirconium	91-1	587	530	610	576	7.15	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:10:44	DataFile Name :	195ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50650161	51605231	50936008	51063800	0.96	cps
Antimony	121-1	533307	536928	536452	535562	0.37	cps
Arsenic	75-2	26965	27315	27138	27139	0.65	cps
Barium	135-1	131662	131692	133244	132199	0.68	cps
Barium	137-1	231045	230860	229676	230527	0.32	cps
Beryllium	9-1	39071	38576	38047	38565	1.33	cps
Bismuth	209-1	20239732	19903098	19847281	19996703	1.06	cps
Bismuth	209-2	13362199	13501431	13325132	13396254	0.69	cps
Bromine	81-1	25479	25145	25515	25380	0.80	cps
Bromine	81-2	910	930	933	924	1.37	cps
Cadmium	108-1	13013	12999	12913	12975	0.42	cps
Cadmium	106-1	23279	22541	22010	22610	2.82	cps
Cadmium	111-1	125324	126158	125873	125785	0.34	cps
Calcium	43-1	6597874	6570170	6513044	6560363	0.66	cps
Calcium	44-1	106387618	106089086	106596251	106357652	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	434847	433031	431021	432966	0.44	cps
Cobalt	59-2	412357	407253	410554	410055	0.63	cps
Copper	63-2	330311	331074	330955	330780	0.12	cps
Dysprosium	156-1	80	103	130	104	23.95	cps
Dysprosium	156-2	53	97	93	81	29.73	cps
Erbium	164-1	210	197	210	206	3.74	cps
Erbium	164-2	127	127	130	128	1.50	cps
Gadolinium	160-1	227	277	287	263	12.21	cps
Gadolinium	160-2	1057	1013	1113	1061	4.73	cps
Holmium	165-1	37006369	36670427	36142035	36606277	1.19	cps
Holmium	165-2	21865337	21547004	21555221	21655854	0.84	cps
Indium	115-1	30524593	30298354	29985520	30269489	0.89	cps
Indium	115-2	9777901	9670603	9724611	9724372	0.55	cps
Iron	56-2	1006047825	997399105	1009463932	1004303621	0.62	cps
Iron	57-2	24768350	25041173	24615577	24808367	0.87	cps
Iron	54-2	54726131	54830723	54806973	54787942	0.10	cps
Krypton	83-1	423	480	457	453	6.28	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:10:44	DataFile Name :	195ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	431067	432660	432451	432059	0.20	cps
Lead	207-1	361872	363093	362894	362620	0.18	cps
Lead	208-1	1691824	1694224	1690703	1692250	0.11	cps
Lithium	6-1	2632625	2564466	2543525	2580205	1.81	cps
Magnesium	24-2	92832775	93183342	92143905	92720008	0.57	cps
Manganese	55-2	215383	215869	218517	216590	0.78	cps
Molybdenum	94-1	15871515	15659335	15711850	15747567	0.70	cps
Molybdenum	95-1	27755057	27762397	27452890	27656782	0.64	cps
Molybdenum	96-1	29673913	29781085	29812545	29755847	0.24	cps
Molybdenum	97-1	17213267	17009872	17304583	17175907	0.88	cps
Molybdenum	98-1	44561711	44452436	44363236	44459128	0.22	cps
Neodymium	150-1	147	170	103	140	24.17	cps
Neodymium	150-2	53	57	53	54	3.54	cps
Nickel	60-2	111020	111081	109321	110474	0.90	cps
Phosphorus	31-2	2798009	2875058	2807081	2826716	1.49	cps
Potassium	39-2	114101258	113557378	112453328	113370655	0.74	cps
Rhodium	103-1	28518380	27901831	27949727	28123313	1.22	cps
Rhodium	103-2	16329798	16408716	16357484	16365332	0.24	cps
Scandium	45-1	15704985	15745065	15614244	15688098	0.43	cps
Scandium	45-2	1462996	1461656	1416623	1447091	1.82	cps
Selenium	82-1	9618	9313	9146	9359	2.56	cps
Selenium	77-2	817	787	770	791	2.99	cps
Selenium	78-2	2954	3004	2890	2949	1.93	cps
Silicon	28-1	1358572	1346873	1352600	1352682	0.43	cps
Silver	107-1	627314	630136	627098	628183	0.27	cps
Silver	109-1	601683	603383	603496	602854	0.17	cps
Sodium	23-2	156912481	158413631	156272711	157199608	0.70	cps
Strontium	86-1	298219	302075	301403	300566	0.69	cps
Strontium	88-1	2576690	2627519	2586923	2597044	1.04	cps
Sulfur	34-1	9181633	9190457	9249460	9207183	0.40	cps
Terbium	159-1	37848818	37454632	36937627	37413692	1.22	cps
Terbium	159-2	21838458	21880350	21740836	21819881	0.33	cps
Thallium	203-1	433403	431216	435608	433409	0.51	cps
Thallium	205-1	1027366	1034913	1027233	1029837	0.43	cps
Tin	118-1	6792	7075	7149	7005	2.69	cps
Titanium	47-1	6415851	6349063	6389357	6384757	0.53	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:10:44	DataFile Name :	195ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1310	1193	1160	1221	6.45	cps
Vanadium	51-2	179528	176364	177524	177805	0.90	cps
Yttrium	89-1	41475223	41591961	41585245	41550810	0.16	cps
Yttrium	89-2	10145549	10464694	10212844	10274363	1.64	cps
Zinc	66-2	61546	61610	62246	61800	0.63	cps
Zirconium	90-1	2164	2217	2184	2188	1.23	cps
Zirconium	91-1	543	550	517	537	3.29	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:13:45	DataFile Name :	196CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27055099	26753213	26744393	26850902	0.66	cps
Antimony	121-1	12653781	13270410	13198511	13040901	2.59	cps
Arsenic	75-2	726756	733529	730624	730303	0.47	cps
Barium	135-1	14954964	15610434	15385907	15317102	2.17	cps
Barium	137-1	26054074	26822635	26742542	26539750	1.59	cps
Beryllium	9-1	954347	968425	1002846	975206	2.56	cps
Bismuth	209-1	18784183	18274726	18188481	18415796	1.75	cps
Bismuth	209-2	12561353	12519084	12390466	12490301	0.71	cps
Bromine	81-1	22858	22938	23272	23022	0.95	cps
Bromine	81-2	460	643	580	561	16.59	cps
Cadmium	108-1	248580	260442	258877	255966	2.52	cps
Cadmium	106-1	359222	375904	379194	371440	2.88	cps
Cadmium	111-1	3299514	3380532	3484218	3388088	2.73	cps
Calcium	43-1	15250531	15685679	15888150	15608120	2.09	cps
Calcium	44-1	259479617	275091786	276019590	270196998	3.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5387160	5343068	5333730	5354653	0.53	cps
Cobalt	59-2	10283935	10352366	10282270	10306190	0.39	cps
Copper	63-2	65255632	65893417	65162812	65437287	0.61	cps
Dysprosium	156-1	647	627	630	634	1.69	cps
Dysprosium	156-2	903	863	970	912	5.91	cps
Erbium	164-1	673	703	697	691	2.28	cps
Erbium	164-2	437	440	443	440	0.76	cps
Gadolinium	160-1	527	673	610	603	12.19	cps
Gadolinium	160-2	1277	1270	1310	1286	1.67	cps
Holmium	165-1	35003864	34518725	34304783	34609124	1.03	cps
Holmium	165-2	20848593	21033504	20713874	20865324	0.77	cps
Indium	115-1	29523667	28839385	29312814	29225288	1.20	cps
Indium	115-2	9384529	9315102	9424489	9374707	0.59	cps
Iron	56-2	1190152916	1182407796	1184204996	1185588569	0.34	cps
Iron	57-2	29206530	29292925	29405200	29301552	0.34	cps
Iron	54-2	64486977	64924136	65185659	64865591	0.54	cps
Krypton	83-1	430	470	520	473	9.53	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:13:45	DataFile Name :	196CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39891158	41560103	40966505	40805922	2.07	cps
Lead	207-1	35259883	36722054	36007075	35996338	2.03	cps
Lead	208-1	161629694	168389282	165969323	165329433	2.07	cps
Lithium	6-1	2579596	2499425	2497022	2525348	1.86	cps
Magnesium	24-2	236281136	234829830	233333850	234814939	0.63	cps
Manganese	55-2	39696676	39603322	39691219	39663739	0.13	cps
Molybdenum	94-1	44665206	47245129	46884666	46265000	3.02	cps
Molybdenum	95-1	65396472	67645662	68516754	67186296	2.40	cps
Molybdenum	96-1	71903366	73976847	75272949	73717721	2.31	cps
Molybdenum	97-1	40755461	42269204	42757461	41927375	2.49	cps
Molybdenum	98-1	105437908	109814038	110249125	108500357	2.45	cps
Neodymium	150-1	830	837	823	830	0.80	cps
Neodymium	150-2	243	263	227	244	7.51	cps
Nickel	60-2	2342588	2327428	2372135	2347384	0.97	cps
Phosphorus	31-2	274793	275094	272736	274208	0.47	cps
Potassium	39-2	139687961	140173738	139056205	139639301	0.40	cps
Rhodium	103-1	27024650	27009194	26982175	27005340	0.08	cps
Rhodium	103-2	15325066	15407650	15535554	15422757	0.69	cps
Scandium	45-1	15709133	15726931	15655529	15697198	0.24	cps
Scandium	45-2	1414619	1416264	1417285	1416056	0.10	cps
Selenium	82-1	205117	212534	212177	209943	1.99	cps
Selenium	77-2	21035	20407	21082	20841	1.81	cps
Selenium	78-2	69040	70051	69636	69576	0.73	cps
Silicon	28-1	7316601	7712548	7776156	7601768	3.28	cps
Silver	107-1	16793024	17054861	17291365	17046417	1.46	cps
Silver	109-1	16029884	16392924	16885619	16436143	2.61	cps
Sodium	23-2	369754741	376386328	380025168	375388746	1.39	cps
Strontium	86-1	4361919	4509019	4539516	4470152	2.12	cps
Strontium	88-1	37859429	39490895	39531942	38960756	2.45	cps
Sulfur	34-1	1088119	1213310	1225474	1175634	6.47	cps
Terbium	159-1	35724765	35907163	35152774	35594901	1.11	cps
Terbium	159-2	21039929	21020757	21187027	21082571	0.43	cps
Thallium	203-1	10068025	10343346	10301304	10237558	1.45	cps
Thallium	205-1	24047539	25142920	24897305	24695921	2.33	cps
Tin	118-1	10255291	10874213	10851863	10660456	3.29	cps
Titanium	47-1	14731319	15475721	15231308	15146116	2.51	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:13:45	DataFile Name :	196CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32158450	34184539	33469026	33270672	3.09	cps
Vanadium	51-2	4721167	4702135	4722369	4715224	0.24	cps
Yttrium	89-1	40980179	40661992	40358519	40666897	0.76	cps
Yttrium	89-2	10101078	10203194	10112750	10139007	0.55	cps
Zinc	66-2	9821024	9922820	9961168	9901670	0.73	cps
Zirconium	90-1	21886403	23314585	22852206	22684398	3.21	cps
Zirconium	91-1	4904178	5133849	5039464	5025830	2.30	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:16:28	DataFile Name :	197CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	727	593	557	626	14.30	cps
Antimony	121-1	4197	5308	7112	5539	26.56	cps
Arsenic	75-2	40	23	23	29	33.32	cps
Barium	135-1	920	667	330	639	46.33	cps
Barium	137-1	1567	1037	723	1109	38.44	cps
Beryllium	9-1	94	106	89	96	8.81	cps
Bismuth	209-1	20210262	20137608	20074693	20140854	0.34	cps
Bismuth	209-2	14089349	14292807	14099172	14160443	0.81	cps
Bromine	81-1	20731	20177	20094	20334	1.70	cps
Bromine	81-2	403	383	430	406	5.77	cps
Cadmium	108-1	53	33	40	42	24.12	cps
Cadmium	106-1	10944	10404	10430	10593	2.88	cps
Cadmium	111-1	1349	1268	1178	1265	6.76	cps
Calcium	43-1	1540	1207	870	1206	27.79	cps
Calcium	44-1	64899	58348	53859	59035	9.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2050	1990	2017	2019	1.49	cps
Cobalt	59-2	453	462	468	461	1.63	cps
Copper	63-2	3444	3124	3150	3239	5.48	cps
Dysprosium	156-1	23	13	33	23	42.86	cps
Dysprosium	156-2	3	13	13	10	57.75	cps
Erbium	164-1	127	147	167	147	13.64	cps
Erbium	164-2	80	123	90	98	23.21	cps
Gadolinium	160-1	227	183	193	201	11.28	cps
Gadolinium	160-2	1040	1070	1077	1062	1.84	cps
Holmium	165-1	34756499	35057469	34440551	34751506	0.89	cps
Holmium	165-2	21282620	21358032	21069190	21236614	0.71	cps
Indium	115-1	30831567	30526604	30474370	30610847	0.63	cps
Indium	115-2	9930090	9787414	9934245	9883916	0.85	cps
Iron	56-2	48458	45251	42152	45287	6.96	cps
Iron	57-2	2134	2097	2150	2127	1.28	cps
Iron	54-2	5258	5261	4951	5156	3.45	cps
Krypton	83-1	440	417	483	447	7.57	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:16:28	DataFile Name :	197CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3327	2414	1840	2527	29.68	cps
Lead	207-1	2774	2124	1673	2190	25.25	cps
Lead	208-1	13700	9715	7491	10302	30.54	cps
Lithium	6-1	2948828	2917898	2816083	2894270	2.40	cps
Magnesium	24-2	9600	9290	8456	9115	6.49	cps
Manganese	55-2	1230	1057	1007	1098	10.68	cps
Molybdenum	94-1	4401	3694	3671	3922	10.58	cps
Molybdenum	95-1	5244	3881	3447	4191	22.38	cps
Molybdenum	96-1	5654	4254	4044	4651	18.83	cps
Molybdenum	97-1	3084	2467	2194	2581	17.66	cps
Molybdenum	98-1	7946	6225	5861	6677	16.68	cps
Neodymium	150-1	27	10	17	18	47.19	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	320	310	323	318	2.18	cps
Phosphorus	31-2	273	287	287	282	2.73	cps
Potassium	39-2	102908	101750	100090	101583	1.39	cps
Rhodium	103-1	29334430	29961177	29144772	29480127	1.45	cps
Rhodium	103-2	16865499	16743773	16767265	16792179	0.38	cps
Scandium	45-1	16102492	16089474	15969654	16053873	0.46	cps
Scandium	45-2	1385228	1401190	1405757	1397392	0.77	cps
Selenium	82-1	1475	1386	1264	1375	7.71	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	577	637	627	613	5.24	cps
Silicon	28-1	1284764	1282253	1262614	1276544	0.95	cps
Silver	107-1	1713	1307	923	1315	30.06	cps
Silver	109-1	1740	1013	773	1176	42.82	cps
Sodium	23-2	55048	54054	52486	53863	2.40	cps
Strontium	86-1	967	810	870	882	8.96	cps
Strontium	88-1	2640	1670	1177	1829	40.71	cps
Sulfur	34-1	277487	276004	279472	277654	0.63	cps
Terbium	159-1	35917549	36245341	35556521	35906470	0.96	cps
Terbium	159-2	21781564	21372281	21398325	21517390	1.06	cps
Thallium	203-1	2100	1803	1607	1837	13.52	cps
Thallium	205-1	5208	4184	3747	4380	17.12	cps
Tin	118-1	4217	3971	3844	4011	4.74	cps
Titanium	47-1	1207	783	597	862	36.25	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:16:28	DataFile Name :	197CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1900	1227	923	1350	37.03	cps
Vanadium	51-2	123	93	110	109	13.81	cps
Yttrium	89-1	41002331	40736574	40700535	40813147	0.40	cps
Yttrium	89-2	10108430	10125270	9968151	10067284	0.86	cps
Zinc	66-2	730	750	690	723	4.22	cps
Zirconium	90-1	4751	4537	4924	4737	4.09	cps
Zirconium	91-1	1020	987	1040	1016	2.65	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-06	Instrumnet Name :	P7
Client Sample ID :	MC0B86S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:19:43	DataFile Name :	198SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	999428	1001246	998394	999689	0.14	cps
Antimony	121-1	2582009	2583776	2580806	2582197	0.06	cps
Arsenic	75-2	53991	53580	54429	54000	0.79	cps
Barium	135-1	12927901	12837656	13022550	12929369	0.72	cps
Barium	137-1	22398075	22425104	22621938	22481706	0.54	cps
Beryllium	9-1	107971	108654	109141	108589	0.54	cps
Bismuth	209-1	19195698	19502113	19600471	19432761	1.09	cps
Bismuth	209-2	14487254	13710196	13597915	13931788	3.48	cps
Bromine	81-1	160064	207049	236194	201102	19.10	cps
Bromine	81-2	44072	44075	44905	44351	1.08	cps
Cadmium	108-1	22017	22267	22721	22335	1.60	cps
Cadmium	106-1	41890	40566	40934	41130	1.66	cps
Cadmium	111-1	322868	324423	324390	323894	0.27	cps
Calcium	43-1	4787775	4736283	4645563	4723207	1.52	cps
Calcium	44-1	77116347	75841274	75865014	76274212	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2314264	2279179	2265708	2286384	1.10	cps
Cobalt	59-2	9657207	9678954	9626402	9654188	0.27	cps
Copper	63-2	3028483	3095252	3125256	3082997	1.61	cps
Dysprosium	156-1	113	123	170	136	22.31	cps
Dysprosium	156-2	503	517	447	489	7.60	cps
Erbium	164-1	250	183	280	238	20.81	cps
Erbium	164-2	123	117	113	118	4.33	cps
Gadolinium	160-1	170	203	240	204	17.13	cps
Gadolinium	160-2	1077	1013	1043	1044	3.03	cps
Holmium	165-1	34430330	34773864	34212575	34472257	0.82	cps
Holmium	165-2	22266460	21430929	21276462	21657950	2.46	cps
Indium	115-1	29388350	29594324	29659404	29547359	0.48	cps
Indium	115-2	10185432	9777957	9616068	9859819	2.98	cps
Iron	56-2	9602933	9485060	9608591	9565528	0.73	cps
Iron	57-2	325363	328511	329123	327666	0.62	cps
Iron	54-2	627240	626512	627461	627071	0.08	cps
Krypton	83-1	480	407	387	424	11.58	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-06	Instrumnet Name :	P7
Client Sample ID :	MC0B86S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:19:43	DataFile Name :	198SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	352994	358198	353683	354958	0.80	cps
Lead	207-1	306890	305816	305674	306126	0.22	cps
Lead	208-1	1413715	1422085	1424184	1419994	0.39	cps
Lithium	6-1	2842652	2785813	2828485	2818983	1.05	cps
Magnesium	24-2	24407510	23999695	23941369	24116191	1.05	cps
Manganese	55-2	3792701	3808472	3828205	3809792	0.47	cps
Molybdenum	94-1	1753	2020	2480	2085	17.64	cps
Molybdenum	95-1	1217	1310	1400	1309	7.00	cps
Molybdenum	96-1	1800	1800	1803	1801	0.11	cps
Molybdenum	97-1	783	667	850	767	12.10	cps
Molybdenum	98-1	2104	2324	2270	2232	5.14	cps
Neodymium	150-1	530	480	490	500	5.29	cps
Neodymium	150-2	83	93	93	90	6.42	cps
Nickel	60-2	2289169	2288165	2248918	2275417	1.01	cps
Phosphorus	31-2	1467	1417	1450	1445	1.76	cps
Potassium	39-2	1831273	1841193	1836726	1836397	0.27	cps
Rhodium	103-1	28043647	27747716	28098300	27963221	0.67	cps
Rhodium	103-2	17035879	16405856	16149260	16530332	2.76	cps
Scandium	45-1	15551196	15708236	15697250	15652227	0.56	cps
Scandium	45-2	1451051	1385567	1394241	1410286	2.52	cps
Selenium	82-1	41688	42143	42719	42183	1.22	cps
Selenium	77-2	4014	3831	3904	3916	2.36	cps
Selenium	78-2	13813	13576	13346	13579	1.72	cps
Silicon	28-1	161407514	162930191	160581508	161639738	0.74	cps
Silver	107-1	1673423	1696959	1682138	1684173	0.71	cps
Silver	109-1	1605597	1632397	1586833	1608276	1.42	cps
Sodium	23-2	33074595	32617255	32554373	32748741	0.87	cps
Strontium	86-1	1493384	1484814	1488362	1488853	0.29	cps
Strontium	88-1	12954896	13109344	13044575	13036271	0.59	cps
Sulfur	34-1	984113	966273	963648	971344	1.15	cps
Terbium	159-1	34987387	35704953	35831154	35507831	1.28	cps
Terbium	159-2	22417935	21362386	21477264	21752528	2.66	cps
Thallium	203-1	1089539	1089777	1096655	1091990	0.37	cps
Thallium	205-1	2535744	2535984	2544577	2538768	0.20	cps
Tin	118-1	5421	5124	5141	5229	3.19	cps
Titanium	47-1	1880	1747	1723	1783	4.74	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-06	Instrumnet Name :	P7
Client Sample ID :	MC0B86S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:19:43	DataFile Name :	198SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4618	4801	4841	4753	2.51	cps
Vanadium	51-2	4539497	4550765	4542442	4544235	0.13	cps
Yttrium	89-1	40021886	40005159	39889071	39972039	0.18	cps
Yttrium	89-2	10440339	10098910	9936004	10158417	2.53	cps
Zinc	66-2	967090	974368	977338	972932	0.54	cps
Zirconium	90-1	3447	3801	4371	3873	12.03	cps
Zirconium	91-1	953	1003	1180	1046	11.39	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-07	Instrumnet Name :	P7
Client Sample ID :	MC0B88	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:22:42	DataFile Name :	199SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3424	3604	3687	3572	3.77	cps
Antimony	121-1	1553	1757	2014	1775	12.99	cps
Arsenic	75-2	313	327	413	351	15.46	cps
Barium	135-1	652815	660263	650722	654600	0.77	cps
Barium	137-1	1133064	1139050	1137068	1136394	0.27	cps
Beryllium	9-1	56	22	50	43	41.93	cps
Bismuth	209-1	19539721	19725156	19815188	19693355	0.71	cps
Bismuth	209-2	13986725	13817316	13728802	13844281	0.95	cps
Bromine	81-1	180348	232344	258264	223652	17.74	cps
Bromine	81-2	45172	46937	47168	46426	2.35	cps
Cadmium	108-1	20	47	37	34	39.11	cps
Cadmium	106-1	10574	10210	10290	10358	1.84	cps
Cadmium	111-1	1156	1069	1102	1109	3.96	cps
Calcium	43-1	4625882	4793611	4812441	4743978	2.16	cps
Calcium	44-1	76369393	77687544	76536180	76864372	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152418	150731	149896	151015	0.85	cps
Cobalt	59-2	27346	26683	26564	26864	1.57	cps
Copper	63-2	2830	2910	2727	2823	3.26	cps
Dysprosium	156-1	67	70	87	74	14.39	cps
Dysprosium	156-2	47	47	40	44	8.66	cps
Erbium	164-1	237	250	163	217	21.54	cps
Erbium	164-2	137	140	147	141	3.61	cps
Gadolinium	160-1	190	197	203	197	3.39	cps
Gadolinium	160-2	960	1053	1167	1060	9.76	cps
Holmium	165-1	34895889	34991467	35222343	35036566	0.48	cps
Holmium	165-2	21386417	21212238	21138332	21245662	0.60	cps
Indium	115-1	29583174	30072914	29841158	29832416	0.82	cps
Indium	115-2	9781480	9705891	9619308	9702226	0.84	cps
Iron	56-2	45883	44145	44893	44974	1.94	cps
Iron	57-2	80940	81429	81946	81438	0.62	cps
Iron	54-2	10487	9817	10117	10140	3.31	cps
Krypton	83-1	490	427	427	448	8.17	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-07	Instrumnet Name :	P7
Client Sample ID :	MC0B88	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:22:42	DataFile Name :	199SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1630	1730	1653	1671	3.13	cps
Lead	207-1	1393	1310	1323	1342	3.34	cps
Lead	208-1	6734	6501	6317	6517	3.21	cps
Lithium	6-1	2837327	2841082	2823637	2834015	0.32	cps
Magnesium	24-2	24109237	24286499	24057353	24151030	0.50	cps
Manganese	55-2	12602	11911	12342	12285	2.84	cps
Molybdenum	94-1	1290	1513	1660	1488	12.52	cps
Molybdenum	95-1	670	880	910	820	15.95	cps
Molybdenum	96-1	910	1043	1137	1030	11.06	cps
Molybdenum	97-1	567	497	543	536	6.66	cps
Molybdenum	98-1	1130	1310	1370	1270	9.84	cps
Neodymium	150-1	73	83	73	77	7.53	cps
Neodymium	150-2	20	30	40	30	33.33	cps
Nickel	60-2	42156	41069	41026	41417	1.55	cps
Phosphorus	31-2	1347	1320	1363	1343	1.63	cps
Potassium	39-2	1830463	1864138	1853017	1849206	0.93	cps
Rhodium	103-1	27851565	28533505	28088808	28157959	1.23	cps
Rhodium	103-2	16515705	16454701	16258899	16409768	0.82	cps
Scandium	45-1	15817896	15915546	15616080	15783174	0.97	cps
Scandium	45-2	1403774	1360902	1405666	1390114	1.82	cps
Selenium	82-1	1662	1804	1761	1743	4.19	cps
Selenium	77-2	33	10	23	22	52.68	cps
Selenium	78-2	570	693	590	618	10.71	cps
Silicon	28-1	162262838	164104438	162490654	162952643	0.62	cps
Silver	107-1	827	623	490	647	26.22	cps
Silver	109-1	613	480	480	524	14.68	cps
Sodium	23-2	33250518	32926631	32224861	32800670	1.60	cps
Strontium	86-1	1507133	1523231	1491561	1507308	1.05	cps
Strontium	88-1	13170790	13163544	13234016	13189450	0.29	cps
Sulfur	34-1	969466	980793	984835	978364	0.81	cps
Terbium	159-1	35843582	35668336	36069284	35860401	0.56	cps
Terbium	159-2	21792136	21539641	21607144	21646307	0.60	cps
Thallium	203-1	1303	1113	1060	1159	11.04	cps
Thallium	205-1	2864	2550	2430	2615	8.56	cps
Tin	118-1	3140	3180	3174	3165	0.68	cps
Titanium	47-1	1877	1753	1840	1823	3.47	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4730-07	Instrumnet Name :	P7
Client Sample ID :	MC0B88	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:22:42	DataFile Name :	199SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4798	4938	4681	4805	2.68	cps
Vanadium	51-2	1793	1683	1767	1748	3.28	cps
Yttrium	89-1	40190769	40213546	40318170	40240829	0.17	cps
Yttrium	89-2	10134644	9940601	9905225	9993490	1.24	cps
Zinc	66-2	2120	2074	2017	2070	2.50	cps
Zirconium	90-1	2590	2814	3117	2840	9.31	cps
Zirconium	91-1	620	627	610	619	1.36	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-01	Instrumnet Name :	P7
Client Sample ID :	MYE5L3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:25:51	DataFile Name :	200SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1393	1403	1363	1387	1.50	cps
Antimony	121-1	443	420	520	461	11.35	cps
Arsenic	75-2	30	17	17	21	36.45	cps
Barium	135-1	773	650	627	683	11.53	cps
Barium	137-1	1213	1153	1073	1147	6.13	cps
Beryllium	9-1	44	22	67	44	50.00	cps
Bismuth	209-1	21399127	20956831	20618157	20991371	1.87	cps
Bismuth	209-2	14578223	14300321	14498139	14458894	0.99	cps
Bromine	81-1	54400	46373	40131	46968	15.23	cps
Bromine	81-2	2730	2187	2260	2392	12.33	cps
Cadmium	108-1	27	33	27	29	13.31	cps
Cadmium	106-1	11244	10587	10711	10847	3.22	cps
Cadmium	111-1	1161	1105	1105	1124	2.88	cps
Calcium	43-1	4457	4224	4161	4281	3.65	cps
Calcium	44-1	111315	108652	105846	108604	2.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6852	5878	5758	6162	9.73	cps
Cobalt	59-2	1495	1537	1597	1543	3.31	cps
Copper	63-2	3044	3157	3104	3101	1.83	cps
Dysprosium	156-1	20	43	37	33	36.05	cps
Dysprosium	156-2	13	30	27	23	37.81	cps
Erbium	164-1	140	183	193	172	16.46	cps
Erbium	164-2	137	80	73	97	36.00	cps
Gadolinium	160-1	217	153	177	182	17.58	cps
Gadolinium	160-2	1037	1053	1053	1048	0.92	cps
Holmium	165-1	36842982	35723795	35534214	36033664	1.96	cps
Holmium	165-2	21432016	21668130	21609244	21569797	0.57	cps
Indium	115-1	31609271	30780458	30747768	31045833	1.57	cps
Indium	115-2	9852967	9810919	9814700	9826195	0.24	cps
Iron	56-2	74916	75378	74782	75025	0.42	cps
Iron	57-2	2790	2974	3064	2943	4.73	cps
Iron	54-2	7016	6431	6922	6790	4.62	cps
Krypton	83-1	480	397	460	446	9.76	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-01	Instrumnet Name :	P7
Client Sample ID :	MYE5L3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:25:51	DataFile Name :	200SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2617	2604	2370	2530	5.48	cps
Lead	207-1	2244	2130	2097	2157	3.57	cps
Lead	208-1	10522	10265	9778	10188	3.71	cps
Lithium	6-1	3097601	2981879	2937043	3005508	2.76	cps
Magnesium	24-2	8576	8693	8512	8594	1.06	cps
Manganese	55-2	7028	7158	6882	7023	1.97	cps
Molybdenum	94-1	857	913	907	892	3.47	cps
Molybdenum	95-1	310	287	297	298	3.93	cps
Molybdenum	96-1	500	430	480	470	7.67	cps
Molybdenum	97-1	307	203	220	243	22.80	cps
Molybdenum	98-1	537	507	477	507	5.92	cps
Neodymium	150-1	23	33	27	28	18.33	cps
Neodymium	150-2	13	17	10	13	25.01	cps
Nickel	60-2	2257	2347	2454	2352	4.19	cps
Phosphorus	31-2	213	223	243	227	6.74	cps
Potassium	39-2	94739	94531	94219	94496	0.28	cps
Rhodium	103-1	30444453	29881170	29582220	29969281	1.46	cps
Rhodium	103-2	16935346	16890834	16973822	16933334	0.25	cps
Scandium	45-1	16567603	15837095	15908174	16104291	2.50	cps
Scandium	45-2	1400017	1418833	1383799	1400883	1.25	cps
Selenium	82-1	1397	1542	1494	1478	5.01	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	557	550	517	541	3.96	cps
Silicon	28-1	1248869	1247708	1251916	1249498	0.17	cps
Silver	107-1	367	247	280	298	20.80	cps
Silver	109-1	257	260	177	231	20.41	cps
Sodium	23-2	50519	50215	49686	50140	0.84	cps
Strontium	86-1	1263	1223	1153	1213	4.59	cps
Strontium	88-1	5051	4851	4614	4839	4.52	cps
Sulfur	34-1	271763	276350	273229	273781	0.86	cps
Terbium	159-1	37120342	36993958	36026206	36713502	1.63	cps
Terbium	159-2	22018154	21919031	21839998	21925727	0.41	cps
Thallium	203-1	690	600	597	629	8.42	cps
Thallium	205-1	1400	1423	1293	1372	5.05	cps
Tin	118-1	5494	5294	5408	5399	1.86	cps
Titanium	47-1	467	447	433	449	3.74	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-01	Instrumnet Name :	P7
Client Sample ID :	MYE5L3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:25:51	DataFile Name :	200SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	80	73	40	64	33.25	cps
Vanadium	51-2	157	133	123	138	12.41	cps
Yttrium	89-1	42490869	40850545	40928567	41423327	2.23	cps
Yttrium	89-2	10130878	10066697	10044037	10080537	0.45	cps
Zinc	66-2	6318	5975	6045	6112	2.97	cps
Zirconium	90-1	1993	2174	2067	2078	4.36	cps
Zirconium	91-1	400	400	377	392	3.44	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-02	Instrumnet Name :	P7
Client Sample ID :	MYE5L4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:29:09	DataFile Name :	201SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1170	1150	1173	1165	1.08	cps
Antimony	121-1	283	270	410	321	24.06	cps
Arsenic	75-2	0	3	7	3	100.05	cps
Barium	135-1	573	450	530	518	12.08	cps
Barium	137-1	997	823	787	869	12.91	cps
Beryllium	9-1	44	22	28	31	36.74	cps
Bismuth	209-1	20817702	20325832	20473659	20539064	1.23	cps
Bismuth	209-2	14459429	14329395	14239445	14342756	0.77	cps
Bromine	81-1	23198	23409	22741	23116	1.48	cps
Bromine	81-2	730	710	707	716	1.76	cps
Cadmium	108-1	27	27	10	21	45.58	cps
Cadmium	106-1	10958	10844	10284	10695	3.37	cps
Cadmium	111-1	1119	1108	1067	1098	2.49	cps
Calcium	43-1	4667	4421	4397	4495	3.33	cps
Calcium	44-1	113877	112973	111333	112728	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4151	4091	4007	4083	1.76	cps
Cobalt	59-2	880	822	850	851	3.43	cps
Copper	63-2	4067	3954	4124	4048	2.14	cps
Dysprosium	156-1	47	30	17	31	48.31	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	193	140	163	166	16.15	cps
Erbium	164-2	77	103	100	93	15.56	cps
Gadolinium	160-1	220	163	190	191	14.83	cps
Gadolinium	160-2	1113	1150	1140	1135	1.67	cps
Holmium	165-1	35531373	34986036	34803968	35107126	1.08	cps
Holmium	165-2	21685211	21220760	20937922	21281297	1.77	cps
Indium	115-1	30895718	30820939	30499219	30738625	0.69	cps
Indium	115-2	9829790	9660015	9696605	9728804	0.92	cps
Iron	56-2	77408	78611	79177	78399	1.15	cps
Iron	57-2	2964	2787	3000	2917	3.91	cps
Iron	54-2	6481	6585	6675	6580	1.47	cps
Krypton	83-1	500	440	460	467	6.55	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-02	Instrumnet Name :	P7
Client Sample ID :	MYE5L4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:29:09	DataFile Name :	201SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3180	3010	2890	3027	4.81	cps
Lead	207-1	2560	2564	2214	2446	8.22	cps
Lead	208-1	12409	11722	11325	11819	4.64	cps
Lithium	6-1	3096314	3049237	3014205	3053252	1.35	cps
Magnesium	24-2	7899	7599	7695	7731	1.98	cps
Manganese	55-2	6271	6258	6652	6394	3.49	cps
Molybdenum	94-1	920	750	887	852	10.57	cps
Molybdenum	95-1	263	280	293	279	5.39	cps
Molybdenum	96-1	480	380	413	424	12.00	cps
Molybdenum	97-1	147	207	193	182	17.29	cps
Molybdenum	98-1	417	380	337	378	10.60	cps
Neodymium	150-1	70	43	13	42	67.15	cps
Neodymium	150-2	13	0	10	8	89.21	cps
Nickel	60-2	1053	990	980	1008	3.95	cps
Phosphorus	31-2	237	233	220	230	3.84	cps
Potassium	39-2	94538	93005	93663	93735	0.82	cps
Rhodium	103-1	29645399	28972040	29145562	29254334	1.20	cps
Rhodium	103-2	16852744	16865271	16697015	16805010	0.56	cps
Scandium	45-1	16262154	15857569	15842911	15987544	1.49	cps
Scandium	45-2	1405855	1384646	1362815	1384439	1.55	cps
Selenium	82-1	1431	1339	1402	1391	3.38	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	500	533	603	546	9.67	cps
Silicon	28-1	1362008	1347038	1353194	1354080	0.56	cps
Silver	107-1	253	253	247	251	1.53	cps
Silver	109-1	130	180	167	159	16.30	cps
Sodium	23-2	42378	42087	42161	42209	0.36	cps
Strontium	86-1	1143	1080	1233	1152	6.69	cps
Strontium	88-1	3797	4061	3801	3886	3.89	cps
Sulfur	34-1	281934	283158	284595	283229	0.47	cps
Terbium	159-1	37110393	35504205	35915068	36176555	2.31	cps
Terbium	159-2	22176876	21505786	21728556	21803739	1.57	cps
Thallium	203-1	750	677	603	677	10.84	cps
Thallium	205-1	1603	1503	1493	1533	3.97	cps
Tin	118-1	4721	5121	4707	4850	4.85	cps
Titanium	47-1	327	347	320	331	4.19	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-02	Instrumnet Name :	P7
Client Sample ID :	MYE5L4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:29:09	DataFile Name :	201SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60	60	53	58	6.67	cps
Vanadium	51-2	120	80	107	102	19.92	cps
Yttrium	89-1	40744576	40656862	40484629	40628689	0.33	cps
Yttrium	89-2	10094084	9997739	9814733	9968852	1.42	cps
Zinc	66-2	6258	6271	6265	6265	0.11	cps
Zirconium	90-1	2027	2087	2104	2072	1.95	cps
Zirconium	91-1	397	437	513	449	13.21	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-03	Instrumnet Name :	P7
Client Sample ID :	MYE5L5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:32:23	DataFile Name :	202SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883	1017	1507	1136	28.91	cps
Antimony	121-1	230	243	327	267	19.65	cps
Arsenic	75-2	37	23	40	33	26.47	cps
Barium	135-1	573	573	567	571	0.67	cps
Barium	137-1	1027	963	887	959	7.31	cps
Beryllium	9-1	22	44	39	35	32.88	cps
Bismuth	209-1	21364662	20724818	21011358	21033613	1.52	cps
Bismuth	209-2	14737622	14373058	14443507	14518063	1.33	cps
Bromine	81-1	19773	19700	19169	19547	1.69	cps
Bromine	81-2	400	380	447	409	8.37	cps
Cadmium	108-1	17	23	20	20	16.65	cps
Cadmium	106-1	11895	11104	10461	11153	6.44	cps
Cadmium	111-1	1234	1152	1084	1157	6.47	cps
Calcium	43-1	3500	3394	3460	3452	1.56	cps
Calcium	44-1	93530	93535	92445	93170	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2560	2690	2614	2621	2.49	cps
Cobalt	59-2	677	707	650	678	4.18	cps
Copper	63-2	9510	9510	9910	9643	2.40	cps
Dysprosium	156-1	37	30	23	30	22.23	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	123	143	107	124	14.75	cps
Erbium	164-2	87	120	90	99	18.56	cps
Gadolinium	160-1	213	233	207	218	6.37	cps
Gadolinium	160-2	1050	1123	1240	1138	8.42	cps
Holmium	165-1	35840115	35797037	35788648	35808600	0.08	cps
Holmium	165-2	21928588	21294648	21406223	21543153	1.57	cps
Indium	115-1	31427375	31124677	31049409	31200487	0.64	cps
Indium	115-2	9927733	9797407	9744395	9823178	0.96	cps
Iron	56-2	192373	192025	194455	192951	0.68	cps
Iron	57-2	5971	5975	5638	5861	3.30	cps
Iron	54-2	12609	12615	13179	12801	2.56	cps
Krypton	83-1	443	487	447	459	5.26	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-03	Instrumnet Name :	P7
Client Sample ID :	MYE5L5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:32:23	DataFile Name :	202SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2837	2837	2567	2747	5.68	cps
Lead	207-1	2577	2250	2254	2360	7.95	cps
Lead	208-1	11315	10932	10585	10944	3.34	cps
Lithium	6-1	3163736	3162070	3116194	3147333	0.86	cps
Magnesium	24-2	6738	6498	9769	7668	23.77	cps
Manganese	55-2	6445	6431	6588	6488	1.34	cps
Molybdenum	94-1	810	777	730	772	5.20	cps
Molybdenum	95-1	207	243	213	221	8.83	cps
Molybdenum	96-1	433	403	470	436	7.67	cps
Molybdenum	97-1	103	183	183	157	29.48	cps
Molybdenum	98-1	327	343	377	349	7.30	cps
Neodymium	150-1	23	30	27	27	12.51	cps
Neodymium	150-2	17	10	20	16	32.73	cps
Nickel	60-2	793	920	780	831	9.30	cps
Phosphorus	31-2	217	233	230	227	3.89	cps
Potassium	39-2	89048	88941	89317	89102	0.22	cps
Rhodium	103-1	29949087	29732790	29753159	29811678	0.40	cps
Rhodium	103-2	17025668	16694857	16668154	16796226	1.19	cps
Scandium	45-1	16300272	16133379	16133589	16189080	0.59	cps
Scandium	45-2	1400201	1377273	1397785	1391753	0.91	cps
Selenium	82-1	1521	1363	1389	1424	5.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	627	523	507	552	11.77	cps
Silicon	28-1	1354552	1349846	1374780	1359726	0.97	cps
Silver	107-1	223	220	197	213	6.81	cps
Silver	109-1	137	180	123	147	20.20	cps
Sodium	23-2	46898	46039	49167	47368	3.41	cps
Strontium	86-1	1220	1117	1183	1173	4.46	cps
Strontium	88-1	3704	3874	3851	3809	2.42	cps
Sulfur	34-1	281404	279551	281475	280810	0.39	cps
Terbium	159-1	37267104	36677844	36676644	36873864	0.92	cps
Terbium	159-2	21745043	21409761	21412032	21522279	0.90	cps
Thallium	203-1	710	627	567	634	11.35	cps
Thallium	205-1	1430	1467	1357	1418	3.95	cps
Tin	118-1	3600	3811	3580	3664	3.48	cps
Titanium	47-1	290	270	353	304	14.29	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-03	Instrumnet Name :	P7
Client Sample ID :	MYE5L5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:32:23	DataFile Name :	202SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67	93	60	73	24.05	cps
Vanadium	51-2	47	87	107	80	38.19	cps
Yttrium	89-1	41620049	40839832	40610531	41023471	1.29	cps
Yttrium	89-2	10234216	9975519	9937732	10049156	1.61	cps
Zinc	66-2	5875	5861	6188	5975	3.10	cps
Zirconium	90-1	2094	1837	2053	1995	6.92	cps
Zirconium	91-1	353	370	430	384	10.49	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-04	Instrumnet Name :	P7
Client Sample ID :	MYE5L6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:35:40	DataFile Name :	203SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1093	1223	1250	1189	7.05	cps
Antimony	121-1	187	190	273	217	22.66	cps
Arsenic	75-2	20	7	13	13	49.99	cps
Barium	135-1	633	560	563	586	7.07	cps
Barium	137-1	970	1127	930	1009	10.30	cps
Beryllium	9-1	39	22	17	26	44.60	cps
Bismuth	209-1	21048923	20568375	20510871	20709390	1.43	cps
Bismuth	209-2	14461593	14560012	14516994	14512866	0.34	cps
Bromine	81-1	18478	18558	18432	18489	0.35	cps
Bromine	81-2	333	320	313	322	3.16	cps
Cadmium	108-1	30	23	27	27	12.51	cps
Cadmium	106-1	11001	10367	10304	10557	3.65	cps
Cadmium	111-1	1134	1055	1066	1085	3.95	cps
Calcium	43-1	3267	3324	3314	3302	0.92	cps
Calcium	44-1	90913	91456	90522	90964	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2817	2940	2877	2878	2.14	cps
Cobalt	59-2	585	525	513	541	7.11	cps
Copper	63-2	3604	3751	3831	3728	3.08	cps
Dysprosium	156-1	17	27	30	24	28.38	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	163	187	170	173	6.93	cps
Erbium	164-2	80	100	107	96	14.52	cps
Gadolinium	160-1	137	193	163	164	17.24	cps
Gadolinium	160-2	1050	1017	1087	1051	3.33	cps
Holmium	165-1	35637571	35239496	35094542	35323870	0.80	cps
Holmium	165-2	21553008	21886326	21615860	21685065	0.82	cps
Indium	115-1	30739863	30377624	30449307	30522265	0.63	cps
Indium	115-2	9898427	9963598	9829847	9897290	0.68	cps
Iron	56-2	68837	67145	66838	67607	1.59	cps
Iron	57-2	2734	2804	2700	2746	1.92	cps
Iron	54-2	5558	5985	6005	5849	4.32	cps
Krypton	83-1	367	470	447	428	12.67	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-04	Instrumnet Name :	P7
Client Sample ID :	MYE5L6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:35:40	DataFile Name :	203SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2180	2020	1980	2060	5.14	cps
Lead	207-1	1950	1707	1640	1766	9.24	cps
Lead	208-1	8758	7901	7711	8123	6.87	cps
Lithium	6-1	3098770	3116605	3115804	3110393	0.32	cps
Magnesium	24-2	6732	6965	6681	6793	2.23	cps
Manganese	55-2	4521	4474	4521	4505	0.60	cps
Molybdenum	94-1	740	820	677	746	9.63	cps
Molybdenum	95-1	240	160	200	200	20.00	cps
Molybdenum	96-1	387	317	380	361	10.70	cps
Molybdenum	97-1	70	107	130	102	29.59	cps
Molybdenum	98-1	270	323	313	302	9.38	cps
Neodymium	150-1	33	13	43	30	50.92	cps
Neodymium	150-2	10	7	20	12	56.76	cps
Nickel	60-2	670	557	593	607	9.53	cps
Phosphorus	31-2	227	233	250	237	5.08	cps
Potassium	39-2	89457	89075	87593	88709	1.11	cps
Rhodium	103-1	29610875	29425525	29053028	29363143	0.97	cps
Rhodium	103-2	16867798	17024685	16781669	16891384	0.73	cps
Scandium	45-1	16092850	15871191	15660813	15874951	1.36	cps
Scandium	45-2	1368650	1372473	1349440	1363521	0.91	cps
Selenium	82-1	1487	1388	1363	1413	4.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	550	587	583	573	3.54	cps
Silicon	28-1	1342445	1351260	1340418	1344708	0.43	cps
Silver	107-1	250	243	173	222	19.11	cps
Silver	109-1	137	90	103	110	21.85	cps
Sodium	23-2	41429	41563	41800	41597	0.45	cps
Strontium	86-1	1223	1180	1253	1219	3.02	cps
Strontium	88-1	4557	4617	4464	4546	1.70	cps
Sulfur	34-1	275861	278185	277754	277266	0.45	cps
Terbium	159-1	36524211	35493711	35609547	35875823	1.57	cps
Terbium	159-2	21861009	21792323	21691077	21781470	0.39	cps
Thallium	203-1	633	580	520	578	9.81	cps
Thallium	205-1	1403	1343	1343	1363	2.54	cps
Tin	118-1	3474	4400	3310	3728	15.76	cps
Titanium	47-1	320	367	390	359	9.93	cps

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Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-04	Instrumnet Name :	P7
Client Sample ID :	MYE5L6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:35:40	DataFile Name :	203SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	30	57	41	33.76	cps
Vanadium	51-2	73	63	47	61	22.04	cps
Yttrium	89-1	40989960	40245287	39756255	40330501	1.54	cps
Yttrium	89-2	10022421	10019926	9908274	9983540	0.65	cps
Zinc	66-2	5314	5501	5538	5451	2.20	cps
Zirconium	90-1	2007	1947	1827	1927	4.76	cps
Zirconium	91-1	383	467	413	421	10.02	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-05	Instrumnet Name :	P7
Client Sample ID :	MYE5L7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:38:55	DataFile Name :	204SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1277	1277	1393	1316	5.12	cps
Antimony	121-1	200	263	267	243	15.44	cps
Arsenic	75-2	10	7	10	9	21.63	cps
Barium	135-1	880	733	833	816	9.19	cps
Barium	137-1	1480	1380	1460	1440	3.67	cps
Beryllium	9-1	28	22	33	28	20.00	cps
Bismuth	209-1	19974462	20302293	19982537	20086431	0.93	cps
Bismuth	209-2	14277635	14159298	14159444	14198792	0.48	cps
Bromine	81-1	17187	17601	17440	17409	1.20	cps
Bromine	81-2	323	313	360	332	7.40	cps
Cadmium	108-1	30	43	50	41	24.77	cps
Cadmium	106-1	10297	10017	10314	10209	1.63	cps
Cadmium	111-1	1055	1027	1045	1042	1.34	cps
Calcium	43-1	4214	3997	3991	4067	3.13	cps
Calcium	44-1	102127	101480	102681	102096	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9566	9636	9553	9585	0.47	cps
Cobalt	59-2	1645	1745	1638	1676	3.57	cps
Copper	63-2	2677	2944	2880	2834	4.92	cps
Dysprosium	156-1	10	17	27	18	47.19	cps
Dysprosium	156-2	7	7	23	12	78.69	cps
Erbium	164-1	123	187	123	144	25.31	cps
Erbium	164-2	93	103	73	90	16.97	cps
Gadolinium	160-1	160	157	143	153	5.75	cps
Gadolinium	160-2	1027	1120	1140	1096	5.52	cps
Holmium	165-1	34288807	34409399	33885742	34194649	0.80	cps
Holmium	165-2	21460058	21029006	20974638	21154567	1.26	cps
Indium	115-1	29717217	29396114	29473300	29528877	0.57	cps
Indium	115-2	9842049	9642284	9811843	9765392	1.10	cps
Iron	56-2	122853	123673	122840	123122	0.39	cps
Iron	57-2	4227	3887	4297	4137	5.30	cps
Iron	54-2	9393	9426	9747	9522	2.05	cps
Krypton	83-1	437	403	370	403	8.26	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-05	Instrumnet Name :	P7
Client Sample ID :	MYE5L7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:38:55	DataFile Name :	204SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4544	4404	4494	4481	1.58	cps
Lead	207-1	3894	3861	3597	3784	4.30	cps
Lead	208-1	17878	17578	17335	17597	1.55	cps
Lithium	6-1	2977572	2979639	3078154	3011788	1.91	cps
Magnesium	24-2	6498	6615	6548	6554	0.89	cps
Manganese	55-2	6151	6411	6238	6267	2.11	cps
Molybdenum	94-1	857	773	793	808	5.39	cps
Molybdenum	95-1	240	193	227	220	10.92	cps
Molybdenum	96-1	397	423	470	430	8.63	cps
Molybdenum	97-1	140	160	230	177	26.75	cps
Molybdenum	98-1	350	380	390	373	5.58	cps
Neodymium	150-1	37	23	27	29	24.03	cps
Neodymium	150-2	13	13	23	17	34.65	cps
Nickel	60-2	2550	2664	2550	2588	2.53	cps
Phosphorus	31-2	237	220	210	222	6.06	cps
Potassium	39-2	86588	86500	87412	86834	0.58	cps
Rhodium	103-1	28357175	28319927	28046825	28241309	0.60	cps
Rhodium	103-2	16625993	16201334	16604518	16477281	1.45	cps
Scandium	45-1	15379006	15544455	15318857	15414106	0.76	cps
Scandium	45-2	1325204	1323315	1342119	1330213	0.78	cps
Selenium	82-1	1323	1519	1525	1456	7.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	523	533	510	522	2.24	cps
Silicon	28-1	1190345	1202641	1201576	1198187	0.57	cps
Silver	107-1	197	183	183	188	4.10	cps
Silver	109-1	110	110	77	99	19.46	cps
Sodium	23-2	46212	45457	46192	45954	0.94	cps
Strontium	86-1	1177	1153	1197	1176	1.85	cps
Strontium	88-1	3857	3777	3811	3815	1.05	cps
Sulfur	34-1	277782	278512	276951	277748	0.28	cps
Terbium	159-1	35187497	35142711	34984104	35104771	0.30	cps
Terbium	159-2	21701348	21420876	21327911	21483379	0.90	cps
Thallium	203-1	587	410	503	500	17.68	cps
Thallium	205-1	1233	1140	1283	1219	5.97	cps
Tin	118-1	6432	6151	7376	6653	9.65	cps
Titanium	47-1	410	363	410	394	6.83	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-05	Instrumnet Name :	P7
Client Sample ID :	MYE5L7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:38:55	DataFile Name :	204SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	53	60	56	6.93	cps
Vanadium	51-2	110	97	113	107	8.27	cps
Yttrium	89-1	39110129	39116566	38640237	38955644	0.70	cps
Yttrium	89-2	9697848	9804854	9834948	9779216	0.74	cps
Zinc	66-2	6425	6348	6625	6466	2.21	cps
Zirconium	90-1	2094	2080	2007	2060	2.27	cps
Zirconium	91-1	393	427	483	434	10.47	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-06	Instrumnet Name :	P7
Client Sample ID :	MYE5L8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:42:13	DataFile Name :	205SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1587	1537	1493	1539	3.04	cps
Antimony	121-1	177	260	240	226	19.29	cps
Arsenic	75-2	3	13	17	11	62.48	cps
Barium	135-1	677	680	663	673	1.31	cps
Barium	137-1	1177	1217	1273	1222	3.97	cps
Beryllium	9-1	11	33	17	20	56.76	cps
Bismuth	209-1	19688568	19812358	19871089	19790672	0.47	cps
Bismuth	209-2	14144647	14203774	13968431	14105617	0.87	cps
Bromine	81-1	18111	17821	17828	17920	0.92	cps
Bromine	81-2	297	273	253	274	7.90	cps
Cadmium	108-1	30	17	30	26	30.11	cps
Cadmium	106-1	10077	9797	9860	9911	1.48	cps
Cadmium	111-1	1055	1004	1004	1021	2.88	cps
Calcium	43-1	4557	4521	4474	4517	0.92	cps
Calcium	44-1	110986	110938	111219	111048	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5118	5291	5101	5170	2.04	cps
Cobalt	59-2	1205	1088	1017	1103	8.62	cps
Copper	63-2	2737	3034	2940	2904	5.23	cps
Dysprosium	156-1	20	40	30	30	33.33	cps
Dysprosium	156-2	13	10	17	13	25.01	cps
Erbium	164-1	147	160	137	148	7.92	cps
Erbium	164-2	123	73	103	100	25.17	cps
Gadolinium	160-1	173	187	177	179	3.88	cps
Gadolinium	160-2	1013	1013	1040	1022	1.51	cps
Holmium	165-1	33708950	33730948	33646955	33695618	0.13	cps
Holmium	165-2	21183530	21160064	21202917	21182170	0.10	cps
Indium	115-1	28715478	29182445	29088888	28995604	0.85	cps
Indium	115-2	9567748	9491481	9541384	9533538	0.41	cps
Iron	56-2	76205	76142	75891	76079	0.22	cps
Iron	57-2	2820	2714	2750	2761	1.96	cps
Iron	54-2	6922	6872	6895	6896	0.36	cps
Krypton	83-1	453	407	413	424	5.95	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-06	Instrumnet Name :	P7
Client Sample ID :	MYE5L8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:42:13	DataFile Name :	205SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4111	4234	4117	4154	1.67	cps
Lead	207-1	3644	3624	3417	3562	3.52	cps
Lead	208-1	16431	16951	16851	16744	1.65	cps
Lithium	6-1	3010493	2984563	3006143	3000400	0.46	cps
Magnesium	24-2	7935	7452	7659	7682	3.16	cps
Manganese	55-2	5141	4941	5331	5138	3.80	cps
Molybdenum	94-1	957	1053	1140	1050	8.73	cps
Molybdenum	95-1	190	170	157	172	9.74	cps
Molybdenum	96-1	340	407	347	364	10.08	cps
Molybdenum	97-1	130	113	133	126	8.54	cps
Molybdenum	98-1	263	340	287	297	13.25	cps
Neodymium	150-1	23	23	47	31	43.32	cps
Neodymium	150-2	27	20	13	20	33.35	cps
Nickel	60-2	1523	1430	1400	1451	4.43	cps
Phosphorus	31-2	273	250	267	263	4.57	cps
Potassium	39-2	88760	89621	89393	89258	0.50	cps
Rhodium	103-1	27802840	28122915	27712539	27879431	0.77	cps
Rhodium	103-2	16149874	16212264	16094484	16152208	0.36	cps
Scandium	45-1	14995373	15142771	15221138	15119761	0.76	cps
Scandium	45-2	1340916	1310407	1332241	1327855	1.18	cps
Selenium	82-1	1344	1454	1392	1397	3.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	550	500	607	552	9.67	cps
Silicon	28-1	1197717	1231858	1206243	1211939	1.47	cps
Silver	107-1	200	180	147	176	15.35	cps
Silver	109-1	100	97	87	94	7.35	cps
Sodium	23-2	55453	55208	55175	55279	0.27	cps
Strontium	86-1	1300	1303	1157	1253	6.68	cps
Strontium	88-1	4754	4998	5071	4941	3.36	cps
Sulfur	34-1	288839	287295	287569	287901	0.29	cps
Terbium	159-1	34629072	34862656	34736491	34742740	0.34	cps
Terbium	159-2	20912865	21360415	21257648	21176976	1.11	cps
Thallium	203-1	517	493	520	510	2.85	cps
Thallium	205-1	1137	1213	1123	1158	4.20	cps
Tin	118-1	7101	5261	5414	5925	17.23	cps
Titanium	47-1	483	393	440	439	10.26	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-06	Instrumnet Name :	P7
Client Sample ID :	MYE5L8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:42:13	DataFile Name :	205SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57	57	60	58	3.33	cps
Vanadium	51-2	80	93	90	88	7.90	cps
Yttrium	89-1	38427937	38517045	38755677	38566886	0.44	cps
Yttrium	89-2	9511304	9602791	9613191	9575762	0.59	cps
Zinc	66-2	8296	8386	8152	8278	1.42	cps
Zirconium	90-1	2504	2667	2644	2605	3.39	cps
Zirconium	91-1	543	607	587	579	5.59	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-07	Instrumnet Name :	P7
Client Sample ID :	MYE5L9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:45:28	DataFile Name :	206SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2117	2010	1957	2028	4.02	cps
Antimony	121-1	200	260	303	254	20.39	cps
Arsenic	75-2	17	17	33	22	43.28	cps
Barium	135-1	957	993	1010	987	2.77	cps
Barium	137-1	1717	1767	1487	1657	9.01	cps
Beryllium	9-1	28	11	28	22	43.31	cps
Bismuth	209-1	20567397	20561298	20533077	20553924	0.09	cps
Bismuth	209-2	14609753	14650628	14477139	14579173	0.62	cps
Bromine	81-1	17821	17804	17891	17839	0.26	cps
Bromine	81-2	267	213	223	234	12.09	cps
Cadmium	108-1	40	57	27	41	36.56	cps
Cadmium	106-1	10867	10504	10651	10674	1.71	cps
Cadmium	111-1	1109	1065	1108	1094	2.26	cps
Calcium	43-1	4187	4301	4154	4214	1.83	cps
Calcium	44-1	106193	105049	104589	105277	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9807	11499	11422	10909	8.76	cps
Cobalt	59-2	2872	2845	2712	2810	3.05	cps
Copper	63-2	4637	4511	4524	4557	1.53	cps
Dysprosium	156-1	30	13	17	20	44.10	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	177	137	140	151	14.69	cps
Erbium	164-2	70	127	100	99	28.67	cps
Gadolinium	160-1	197	193	207	199	3.49	cps
Gadolinium	160-2	1063	1140	997	1067	6.72	cps
Holmium	165-1	35890499	34726723	35016349	35211190	1.72	cps
Holmium	165-2	21902643	21613287	21405423	21640451	1.15	cps
Indium	115-1	30604538	30405110	29999595	30336414	1.02	cps
Indium	115-2	10031021	9815197	9863668	9903296	1.14	cps
Iron	56-2	112458	111083	134922	119487	11.20	cps
Iron	57-2	3931	3771	3537	3746	5.28	cps
Iron	54-2	8729	8603	8659	8664	0.73	cps
Krypton	83-1	413	430	390	411	4.89	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-07	Instrumnet Name :	P7
Client Sample ID :	MYE5L9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:45:28	DataFile Name :	206SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4611	4638	4287	4512	4.32	cps
Lead	207-1	4181	3751	3944	3958	5.44	cps
Lead	208-1	18285	17978	17601	17955	1.91	cps
Lithium	6-1	3172513	3104257	3152470	3143080	1.12	cps
Magnesium	24-2	8119	8542	8889	8517	4.53	cps
Manganese	55-2	21182	20671	20661	20838	1.43	cps
Molybdenum	94-1	1027	1060	1077	1054	2.41	cps
Molybdenum	95-1	530	600	587	572	6.50	cps
Molybdenum	96-1	787	813	750	783	4.06	cps
Molybdenum	97-1	393	520	387	433	17.34	cps
Molybdenum	98-1	893	953	970	939	4.29	cps
Neodymium	150-1	33	23	50	36	37.90	cps
Neodymium	150-2	23	23	7	18	54.11	cps
Nickel	60-2	3891	3710	3764	3788	2.44	cps
Phosphorus	31-2	297	247	257	267	9.92	cps
Potassium	39-2	93971	94028	94128	94042	0.08	cps
Rhodium	103-1	29060975	28822698	28926247	28936640	0.41	cps
Rhodium	103-2	16932749	16703647	16589078	16741825	1.05	cps
Scandium	45-1	15940042	15551714	15576379	15689378	1.39	cps
Scandium	45-2	1352726	1352650	1368842	1358073	0.69	cps
Selenium	82-1	1432	1436	1436	1435	0.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	540	590	527	552	6.05	cps
Silicon	28-1	1194779	1194677	1206898	1198785	0.59	cps
Silver	107-1	237	193	240	223	11.66	cps
Silver	109-1	90	120	130	113	18.37	cps
Sodium	23-2	65552	66228	65006	65596	0.93	cps
Strontium	86-1	1293	1377	1067	1246	12.88	cps
Strontium	88-1	4621	4941	4838	4800	3.40	cps
Sulfur	34-1	293812	293455	295861	294376	0.44	cps
Terbium	159-1	36504574	35671924	35909077	36028525	1.19	cps
Terbium	159-2	21739917	21695584	21601173	21678891	0.33	cps
Thallium	203-1	597	463	550	537	12.61	cps
Thallium	205-1	1160	1280	1113	1185	7.26	cps
Tin	118-1	5745	5541	5685	5657	1.85	cps
Titanium	47-1	637	597	557	597	6.70	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-07	Instrumnet Name :	P7
Client Sample ID :	MYE5L9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:45:28	DataFile Name :	206SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43	57	20	40	46.40	cps
Vanadium	51-2	183	160	157	167	8.72	cps
Yttrium	89-1	40749620	39955747	39432858	40046075	1.66	cps
Yttrium	89-2	9952061	9859792	9768582	9860145	0.93	cps
Zinc	66-2	8349	8736	8459	8515	2.34	cps
Zirconium	90-1	2200	2444	2447	2364	5.99	cps
Zirconium	91-1	427	513	443	461	9.97	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-08	Instrumnet Name :	P7
Client Sample ID :	MYE5M0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:48:46	DataFile Name :	207SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5448	5131	5134	5238	3.47	cps
Antimony	121-1	2464	2540	2220	2408	6.94	cps
Arsenic	75-2	7	30	20	19	61.96	cps
Barium	135-1	12649	12536	12139	12441	2.15	cps
Barium	137-1	21179	22024	21146	21450	2.32	cps
Beryllium	9-1	6	50	28	28	79.99	cps
Bismuth	209-1	20974978	21517402	21110381	21200920	1.33	cps
Bismuth	209-2	14328063	14506214	14376034	14403437	0.64	cps
Bromine	81-1	25325	26197	25940	25820	1.73	cps
Bromine	81-2	1597	1650	1607	1618	1.75	cps
Cadmium	108-1	40	53	27	40	33.33	cps
Cadmium	106-1	11241	11278	10834	11118	2.21	cps
Cadmium	111-1	1160	1138	1117	1138	1.89	cps
Calcium	43-1	1036119	1037541	1034412	1036024	0.15	cps
Calcium	44-1	16036107	16027539	15793051	15952233	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7032	7012	7252	7098	1.88	cps
Cobalt	59-2	1077	1082	1042	1067	2.04	cps
Copper	63-2	3731	3647	3717	3698	1.21	cps
Dysprosium	156-1	27	20	13	20	33.35	cps
Dysprosium	156-2	10	23	17	17	39.99	cps
Erbium	164-1	113	143	153	137	15.23	cps
Erbium	164-2	70	100	107	92	21.18	cps
Gadolinium	160-1	200	180	217	199	9.23	cps
Gadolinium	160-2	1070	1067	1003	1047	3.59	cps
Holmium	165-1	36241166	36474476	36162988	36292877	0.45	cps
Holmium	165-2	21681398	21397721	21197732	21425617	1.13	cps
Indium	115-1	30870174	31731980	31118864	31240339	1.42	cps
Indium	115-2	9924548	9865573	9748182	9846101	0.91	cps
Iron	56-2	65937	65013	64310	65087	1.25	cps
Iron	57-2	18875	18862	19403	19047	1.62	cps
Iron	54-2	5811	5744	5734	5763	0.72	cps
Krypton	83-1	387	470	487	448	11.96	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-08	Instrumnet Name :	P7
Client Sample ID :	MYE5M0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:48:46	DataFile Name :	207SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1820	1944	1873	1879	3.29	cps
Lead	207-1	1533	1600	1653	1596	3.77	cps
Lead	208-1	7394	7811	7364	7523	3.32	cps
Lithium	6-1	3338677	3344684	3282337	3321899	1.04	cps
Magnesium	24-2	5290344	5378455	5389880	5352893	1.02	cps
Manganese	55-2	5945	5561	5881	5796	3.55	cps
Molybdenum	94-1	26270	26738	25829	26279	1.73	cps
Molybdenum	95-1	44892	45183	44845	44973	0.41	cps
Molybdenum	96-1	49092	48132	48012	48412	1.22	cps
Molybdenum	97-1	28474	28318	28030	28274	0.80	cps
Molybdenum	98-1	73279	72341	71705	72442	1.09	cps
Neodymium	150-1	17	30	33	27	33.06	cps
Neodymium	150-2	13	13	27	18	43.33	cps
Nickel	60-2	1080	1063	1137	1093	3.52	cps
Phosphorus	31-2	237	183	237	219	14.07	cps
Potassium	39-2	1076926	1076936	1068546	1074136	0.45	cps
Rhodium	103-1	28965970	29703612	29742250	29470610	1.48	cps
Rhodium	103-2	16538127	16675154	16310113	16507798	1.12	cps
Scandium	45-1	15945045	16451931	16203617	16200198	1.56	cps
Scandium	45-2	1354395	1351041	1337688	1347708	0.66	cps
Selenium	82-1	1590	1603	1494	1562	3.82	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	500	443	497	480	6.62	cps
Silicon	28-1	18772149	18941279	19016911	18910113	0.66	cps
Silver	107-1	260	227	163	217	22.66	cps
Silver	109-1	90	87	77	84	8.22	cps
Sodium	23-2	6624902	6741031	6621275	6662403	1.02	cps
Strontium	86-1	393506	394949	397028	395161	0.45	cps
Strontium	88-1	3457445	3436023	3424650	3439373	0.48	cps
Sulfur	34-1	527387	529883	533729	530333	0.60	cps
Terbium	159-1	36528569	37883818	36950207	37120864	1.87	cps
Terbium	159-2	21916364	21792680	21550626	21753223	0.86	cps
Thallium	203-1	567	563	507	546	6.18	cps
Thallium	205-1	1267	1330	1187	1261	5.70	cps
Tin	118-1	8149	8460	9013	8541	5.12	cps
Titanium	47-1	587	627	623	612	3.63	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-08	Instrumnet Name :	P7
Client Sample ID :	MYE5M0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:48:46	DataFile Name :	207SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	66468	67342	66465	66758	0.76	cps
Vanadium	51-2	5511	5698	5491	5567	2.05	cps
Yttrium	89-1	40775919	41510060	41260233	41182070	0.91	cps
Yttrium	89-2	9985073	9810299	9823715	9873029	0.99	cps
Zinc	66-2	6221	6115	5961	6099	2.14	cps
Zirconium	90-1	2297	2394	2560	2417	5.51	cps
Zirconium	91-1	343	530	537	470	23.35	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-09	Instrumnet Name :	P7
Client Sample ID :	MYE5M1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:51:57	DataFile Name :	208SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1107	1017	1033	1052	4.55	cps
Antimony	121-1	150	160	160	157	3.69	cps
Arsenic	75-2	13	13	17	14	13.35	cps
Barium	135-1	607	657	663	642	4.82	cps
Barium	137-1	1123	1090	1010	1074	5.42	cps
Beryllium	9-1	39	33	22	31	26.96	cps
Bismuth	209-1	21605561	20446583	20613495	20888546	3.00	cps
Bismuth	209-2	14634957	14700160	14366253	14567123	1.21	cps
Bromine	81-1	17721	17861	18004	17862	0.79	cps
Bromine	81-2	247	207	227	227	8.82	cps
Cadmium	108-1	27	23	27	26	7.55	cps
Cadmium	106-1	11288	10521	10404	10737	4.47	cps
Cadmium	111-1	1159	1067	1063	1096	4.96	cps
Calcium	43-1	3824	3724	3340	3629	7.03	cps
Calcium	44-1	95986	94437	93276	94566	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3414	3134	3374	3307	4.58	cps
Cobalt	59-2	937	828	860	875	6.37	cps
Copper	63-2	3084	3210	3184	3159	2.11	cps
Dysprosium	156-1	13	17	13	14	13.35	cps
Dysprosium	156-2	23	13	7	14	58.06	cps
Erbium	164-1	120	130	157	136	13.98	cps
Erbium	164-2	60	87	107	84	27.73	cps
Gadolinium	160-1	180	230	207	206	12.17	cps
Gadolinium	160-2	1193	970	1053	1072	10.53	cps
Holmium	165-1	36786734	34876370	34525303	35396136	3.44	cps
Holmium	165-2	21516637	21571786	21583395	21557273	0.17	cps
Indium	115-1	31700440	30268246	29833200	30600629	3.19	cps
Indium	115-2	9951125	9893878	9723641	9856215	1.20	cps
Iron	56-2	60394	59959	59594	59982	0.67	cps
Iron	57-2	2420	2524	2474	2472	2.09	cps
Iron	54-2	5508	5204	5518	5410	3.29	cps
Krypton	83-1	383	437	390	403	7.21	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-09	Instrumnet Name :	P7
Client Sample ID :	MYE5M1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:51:57	DataFile Name :	208SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2424	2267	2324	2338	3.39	cps
Lead	207-1	2047	1917	1910	1958	3.94	cps
Lead	208-1	9531	9048	8978	9186	3.28	cps
Lithium	6-1	3358763	3175532	3188930	3241075	3.15	cps
Magnesium	24-2	6205	6158	5975	6112	1.99	cps
Manganese	55-2	7255	7562	7625	7481	2.65	cps
Molybdenum	94-1	770	790	723	761	4.49	cps
Molybdenum	95-1	110	173	123	136	24.63	cps
Molybdenum	96-1	280	320	327	309	8.17	cps
Molybdenum	97-1	107	113	100	107	6.25	cps
Molybdenum	98-1	217	290	253	253	14.47	cps
Neodymium	150-1	27	33	13	24	41.66	cps
Neodymium	150-2	17	13	13	14	13.35	cps
Nickel	60-2	1187	1057	1113	1119	5.82	cps
Phosphorus	31-2	210	193	180	194	7.73	cps
Potassium	39-2	86236	86762	86460	86486	0.31	cps
Rhodium	103-1	30477629	29195145	28878665	29517146	2.87	cps
Rhodium	103-2	16598517	16750422	16396381	16581773	1.07	cps
Scandium	45-1	16337801	15875396	15617034	15943410	2.29	cps
Scandium	45-2	1346338	1363972	1364603	1358304	0.76	cps
Selenium	82-1	1546	1489	1393	1476	5.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	513	510	633	552	12.72	cps
Silicon	28-1	901394	899436	897170	899333	0.24	cps
Silver	107-1	290	297	317	301	4.61	cps
Silver	109-1	160	157	223	180	20.87	cps
Sodium	23-2	37512	36443	37459	37138	1.62	cps
Strontium	86-1	1067	943	1080	1030	7.32	cps
Strontium	88-1	3334	2890	2870	3031	8.64	cps
Sulfur	34-1	301665	302340	303551	302519	0.32	cps
Terbium	159-1	37889675	36087970	36020484	36666043	2.89	cps
Terbium	159-2	21718698	21740029	21529445	21662724	0.54	cps
Thallium	203-1	533	643	533	570	11.14	cps
Thallium	205-1	1260	1257	1237	1251	1.01	cps
Tin	118-1	45030	43372	42501	43634	2.94	cps
Titanium	47-1	383	377	303	354	12.52	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-09	Instrumnet Name :	P7
Client Sample ID :	MYE5M1	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:51:57	DataFile Name :	208SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50	40	37	42	16.43	cps
Vanadium	51-2	63	77	73	71	9.76	cps
Yttrium	89-1	41734084	39927362	39296919	40319455	3.14	cps
Yttrium	89-2	9864894	9801251	9728838	9798328	0.69	cps
Zinc	66-2	7639	7972	7542	7718	2.92	cps
Zirconium	90-1	2064	1867	1927	1952	5.16	cps
Zirconium	91-1	427	397	387	403	5.16	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-10	Instrumnet Name :	P7
Client Sample ID :	MYE5M2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:55:16	DataFile Name :	209SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1460	1370	1841	1557	16.04	cps
Antimony	121-1	167	207	207	193	11.94	cps
Arsenic	75-2	10	13	3	9	57.30	cps
Barium	135-1	1850	1757	1670	1759	5.12	cps
Barium	137-1	3187	3097	2990	3091	3.19	cps
Beryllium	9-1	6	39	11	19	96.42	cps
Bismuth	209-1	20131198	19970945	19720847	19940997	1.04	cps
Bismuth	209-2	14513831	14301340	14119818	14311663	1.38	cps
Bromine	81-1	17013	16656	16940	16870	1.12	cps
Bromine	81-2	187	133	183	168	17.81	cps
Cadmium	108-1	27	20	23	23	14.29	cps
Cadmium	106-1	10637	10104	9663	10135	4.81	cps
Cadmium	111-1	1088	1026	1006	1040	4.13	cps
Calcium	43-1	6628	6371	6762	6587	3.01	cps
Calcium	44-1	143864	145646	142801	144104	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5104	4944	5094	5048	1.78	cps
Cobalt	59-2	957	857	957	923	6.25	cps
Copper	63-2	3080	3234	3194	3169	2.51	cps
Dysprosium	156-1	30	40	27	32	21.53	cps
Dysprosium	156-2	20	20	7	16	49.47	cps
Erbium	164-1	150	120	160	143	14.52	cps
Erbium	164-2	103	110	70	94	22.69	cps
Gadolinium	160-1	170	160	140	157	9.75	cps
Gadolinium	160-2	1017	1060	1013	1030	2.53	cps
Holmium	165-1	34570253	33853810	33941518	34121860	1.15	cps
Holmium	165-2	21240757	21113530	20611296	20988528	1.59	cps
Indium	115-1	29524456	29166173	29153033	29281221	0.72	cps
Indium	115-2	9563135	9514637	9451506	9509760	0.59	cps
Iron	56-2	81130	80658	81074	80954	0.32	cps
Iron	57-2	3087	3087	3014	3063	1.38	cps
Iron	54-2	7402	6995	6682	7026	5.14	cps
Krypton	83-1	400	470	413	428	8.69	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-10	Instrumnet Name :	P7
Client Sample ID :	MYE5M2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:55:16	DataFile Name :	209SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3844	3824	3480	3716	5.50	cps
Lead	207-1	3180	3027	3170	3126	2.74	cps
Lead	208-1	14947	14320	14210	14492	2.74	cps
Lithium	6-1	3113001	3078911	3047181	3079698	1.07	cps
Magnesium	24-2	9646	9410	9450	9502	1.33	cps
Manganese	55-2	24660	25034	24370	24688	1.35	cps
Molybdenum	94-1	800	797	953	850	10.53	cps
Molybdenum	95-1	157	193	197	182	12.18	cps
Molybdenum	96-1	330	350	387	356	8.08	cps
Molybdenum	97-1	67	70	137	91	43.34	cps
Molybdenum	98-1	233	227	207	222	6.25	cps
Neodymium	150-1	47	23	20	30	48.44	cps
Neodymium	150-2	20	23	23	22	8.65	cps
Nickel	60-2	1073	1053	1240	1122	9.13	cps
Phosphorus	31-2	243	247	217	236	6.98	cps
Potassium	39-2	88284	87486	88260	88010	0.52	cps
Rhodium	103-1	28249326	27858055	27552825	27886736	1.25	cps
Rhodium	103-2	16394030	16091730	16271145	16252302	0.94	cps
Scandium	45-1	15323748	15216079	15288209	15276012	0.36	cps
Scandium	45-2	1310931	1311600	1317623	1313385	0.28	cps
Selenium	82-1	1362	1276	1309	1316	3.30	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	623	487	537	549	12.60	cps
Silicon	28-1	906495	909732	916690	910972	0.57	cps
Silver	107-1	163	153	180	166	8.13	cps
Silver	109-1	60	103	77	80	27.32	cps
Sodium	23-2	38368	38124	38688	38393	0.74	cps
Strontium	86-1	1227	1327	1407	1320	6.83	cps
Strontium	88-1	6111	5775	5995	5960	2.87	cps
Sulfur	34-1	297210	299156	297207	297858	0.38	cps
Terbium	159-1	35028941	34971072	34783454	34927823	0.37	cps
Terbium	159-2	21222967	20985119	20942213	21050100	0.72	cps
Thallium	203-1	640	490	530	553	14.04	cps
Thallium	205-1	1153	1170	1200	1175	2.01	cps
Tin	118-1	8066	7992	8226	8095	1.47	cps
Titanium	47-1	427	420	403	417	2.89	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4580-10	Instrumnet Name :	P7
Client Sample ID :	MYE5M2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 09:55:16	DataFile Name :	209SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50	47	77	58	28.46	cps
Vanadium	51-2	97	100	80	92	11.62	cps
Yttrium	89-1	39017011	38307547	38275029	38533196	1.09	cps
Yttrium	89-2	9632363	9582152	9491041	9568519	0.75	cps
Zinc	66-2	11394	11091	11021	11169	1.78	cps
Zirconium	90-1	2214	2100	2147	2154	2.64	cps
Zirconium	91-1	447	403	370	407	9.45	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-14DLX5	Instrumnet Name :	P7
Client Sample ID :	MYE5E4	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 09:58:32	DataFile Name :	210SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3668567	3724591	3789985	3727714	1.63	cps
Antimony	121-1	13386	13617	13890	13631	1.85	cps
Arsenic	75-2	37374	36812	38125	37437	1.76	cps
Barium	135-1	2061872	2066518	2066664	2065018	0.13	cps
Barium	137-1	3580825	3594017	3564150	3579664	0.42	cps
Beryllium	9-1	1039	1078	1078	1065	2.11	cps
Bismuth	209-1	20025140	20093736	19889154	20002677	0.52	cps
Bismuth	209-2	14124542	14168934	14088954	14127477	0.28	cps
Bromine	81-1	18268	18228	17988	18161	0.83	cps
Bromine	81-2	553	600	630	594	6.50	cps
Cadmium	108-1	520	473	483	492	4.99	cps
Cadmium	106-1	11425	11058	10864	11115	2.56	cps
Cadmium	111-1	6796	7039	7145	6994	2.56	cps
Calcium	43-1	139847	141828	141357	141011	0.73	cps
Calcium	44-1	2220895	2235519	2195340	2217251	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	230339	230210	230943	230498	0.17	cps
Cobalt	59-2	333978	332511	330102	332197	0.59	cps
Copper	63-2	1244287	1246998	1239687	1243657	0.30	cps
Dysprosium	156-1	58036	57859	57654	57850	0.33	cps
Dysprosium	156-2	45978	46212	46781	46324	0.89	cps
Erbium	164-1	38981	39974	39559	39505	1.26	cps
Erbium	164-2	24996	24645	24582	24741	0.90	cps
Gadolinium	160-1	48457	48621	48925	48667	0.49	cps
Gadolinium	160-2	33664	33269	33052	33328	0.93	cps
Holmium	165-1	34430920	34329279	33750466	34170222	1.07	cps
Holmium	165-2	21393069	21185589	21294991	21291216	0.49	cps
Indium	115-1	29301764	28869552	29019615	29063644	0.76	cps
Indium	115-2	9495920	9496502	9394998	9462473	0.62	cps
Iron	56-2	204286570	208928190	208095444	207103401	1.19	cps
Iron	57-2	5041742	5106069	5106007	5084606	0.73	cps
Iron	54-2	11293553	11241783	11278401	11271246	0.24	cps
Krypton	83-1	477	477	460	471	2.04	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-14DLX5	Instrumnet Name :	P7
Client Sample ID :	MYE5E4	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 09:58:32	DataFile Name :	210SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	595324	596787	598961	597024	0.31	cps
Lead	207-1	521081	524554	527928	524521	0.65	cps
Lead	208-1	2389276	2401637	2406653	2399189	0.37	cps
Lithium	6-1	3108543	2965559	2910550	2994884	3.41	cps
Magnesium	24-2	2862886	2848689	2817223	2842933	0.82	cps
Manganese	55-2	40292960	40606119	40589204	40496094	0.43	cps
Molybdenum	94-1	55983	57435	56719	56713	1.28	cps
Molybdenum	95-1	6838	6622	6592	6684	2.01	cps
Molybdenum	96-1	17441	17324	17234	17333	0.60	cps
Molybdenum	97-1	3544	3737	3434	3572	4.30	cps
Molybdenum	98-1	8943	9096	9253	9097	1.70	cps
Neodymium	150-1	119152	117979	119972	119034	0.84	cps
Neodymium	150-2	63854	64051	63713	63873	0.27	cps
Nickel	60-2	121192	118705	119921	119939	1.04	cps
Phosphorus	31-2	16766	17553	17764	17361	3.03	cps
Potassium	39-2	1942853	1931731	1976312	1950298	1.19	cps
Rhodium	103-1	28459060	27544228	27634355	27879214	1.81	cps
Rhodium	103-2	16255319	16030112	16086870	16124100	0.73	cps
Scandium	45-1	15504795	15170001	15197664	15290820	1.22	cps
Scandium	45-2	1346998	1345466	1326444	1339636	0.85	cps
Selenium	82-1	1452	1463	1508	1474	2.02	cps
Selenium	77-2	203	180	157	180	12.96	cps
Selenium	78-2	727	733	697	719	2.72	cps
Silicon	28-1	15519474	15647541	15605146	15590720	0.42	cps
Silver	107-1	7929	7772	7936	7879	1.17	cps
Silver	109-1	7259	7272	7452	7327	1.47	cps
Sodium	23-2	80345	80620	80914	80626	0.35	cps
Strontium	86-1	239680	241292	242332	241101	0.55	cps
Strontium	88-1	2061850	2073695	2081942	2072496	0.49	cps
Sulfur	34-1	279802	276840	274575	277072	0.95	cps
Terbium	159-1	35428853	35001887	34757691	35062810	0.97	cps
Terbium	159-2	21497561	21215644	21351477	21354894	0.66	cps
Thallium	203-1	3834	3974	3857	3888	1.93	cps
Thallium	205-1	9003	9463	9133	9200	2.58	cps
Tin	118-1	15125	15081	15518	15241	1.58	cps
Titanium	47-1	750357	762196	756067	756207	0.78	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-14DLX5	Instrumnet Name :	P7
Client Sample ID :	MYE5E4	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 09:58:32	DataFile Name :	210SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28521	28397	28561	28493	0.30	cps
Vanadium	51-2	384489	386567	383310	384788	0.43	cps
Yttrium	89-1	38971429	38722744	38592245	38762139	0.50	cps
Yttrium	89-2	9792986	9686453	9794453	9757964	0.63	cps
Zinc	66-2	149123	147964	149069	148719	0.44	cps
Zirconium	90-1	146135	147843	146586	146854	0.60	cps
Zirconium	91-1	32526	32970	32930	32809	0.75	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BL	Instrumnet Name :	P7
Client Sample ID :	PBS627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:01:40	DataFile Name :	211CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	307	277	333	306	9.28	cps
Antimony	121-1	47	70	50	56	22.71	cps
Arsenic	75-2	10	0	0	3	173.21	cps
Barium	135-1	217	153	110	160	33.53	cps
Barium	137-1	357	290	240	296	19.80	cps
Beryllium	9-1	22	17	22	20	15.73	cps
Bismuth	209-1	20363418	20433596	20366831	20387948	0.19	cps
Bismuth	209-2	14203066	14264378	14267250	14244898	0.25	cps
Bromine	81-1	16920	17784	17103	17269	2.64	cps
Bromine	81-2	250	253	200	234	12.74	cps
Cadmium	108-1	17	23	23	21	18.21	cps
Cadmium	106-1	10587	10574	10174	10445	2.25	cps
Cadmium	111-1	1076	1069	1040	1062	1.80	cps
Calcium	43-1	427	553	460	480	13.68	cps
Calcium	44-1	42301	42803	41964	42356	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1633	1587	1557	1592	2.43	cps
Cobalt	59-2	302	318	297	306	3.71	cps
Copper	63-2	1917	1820	1863	1867	2.59	cps
Dysprosium	156-1	10	30	10	17	69.28	cps
Dysprosium	156-2	13	10	3	9	57.30	cps
Erbium	164-1	127	97	153	126	22.58	cps
Erbium	164-2	93	113	63	90	27.96	cps
Gadolinium	160-1	170	213	170	184	13.57	cps
Gadolinium	160-2	987	1083	1157	1076	7.93	cps
Holmium	165-1	35210196	34400421	34361762	34657460	1.38	cps
Holmium	165-2	21121099	21261097	21317276	21233157	0.48	cps
Indium	115-1	30161113	29792607	29648602	29867440	0.88	cps
Indium	115-2	9534464	9612059	9514789	9553771	0.54	cps
Iron	56-2	27792	26610	26063	26822	3.30	cps
Iron	57-2	1613	1430	1580	1541	6.34	cps
Iron	54-2	3761	3670	3440	3624	4.55	cps
Krypton	83-1	360	437	447	414	11.44	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BL	Instrumnet Name :	P7
Client Sample ID :	PBS627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:01:40	DataFile Name :	211CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	960	903	770	878	11.11	cps
Lead	207-1	787	783	640	737	11.37	cps
Lead	208-1	3574	3477	3134	3395	6.81	cps
Lithium	6-1	3083349	3007615	3054507	3048490	1.25	cps
Magnesium	24-2	4681	5254	5001	4979	5.77	cps
Manganese	55-2	1127	987	950	1021	9.13	cps
Molybdenum	94-1	637	727	737	700	7.87	cps
Molybdenum	95-1	50	67	70	62	17.22	cps
Molybdenum	96-1	180	213	220	204	10.48	cps
Molybdenum	97-1	47	43	67	52	24.17	cps
Molybdenum	98-1	63	90	123	92	32.60	cps
Neodymium	150-1	13	10	0	8	89.21	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	203	237	187	209	12.19	cps
Phosphorus	31-2	203	247	217	222	9.99	cps
Potassium	39-2	82157	82307	81235	81900	0.71	cps
Rhodium	103-1	28880018	28515308	28401950	28599092	0.87	cps
Rhodium	103-2	16653258	16385082	16293480	16443940	1.14	cps
Scandium	45-1	15586370	15478925	15346731	15470676	0.78	cps
Scandium	45-2	1328101	1327453	1336031	1330529	0.36	cps
Selenium	82-1	1531	1412	1444	1462	4.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	533	497	467	499	6.69	cps
Silicon	28-1	886668	888688	886088	887148	0.15	cps
Silver	107-1	207	197	207	203	2.84	cps
Silver	109-1	80	80	63	74	12.93	cps
Sodium	23-2	33814	32751	32865	33143	1.76	cps
Strontium	86-1	780	717	777	758	4.70	cps
Strontium	88-1	433	433	367	411	9.36	cps
Sulfur	34-1	274996	276944	275397	275779	0.37	cps
Terbium	159-1	35938333	35117759	35236764	35430952	1.25	cps
Terbium	159-2	21541086	21574228	21406325	21507213	0.41	cps
Thallium	203-1	577	630	533	580	8.35	cps
Thallium	205-1	1453	1233	1360	1349	8.19	cps
Tin	118-1	3954	3637	3657	3749	4.73	cps
Titanium	47-1	243	220	197	220	10.61	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BL	Instrumnet Name :	P7
Client Sample ID :	PBS627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:01:40	DataFile Name :	211CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	30	23	28	13.86	cps
Vanadium	51-2	37	50	33	40	22.05	cps
Yttrium	89-1	40445587	39116533	38807919	39456680	2.21	cps
Yttrium	89-2	9798953	9733631	9500740	9677775	1.62	cps
Zinc	66-2	547	550	520	539	3.05	cps
Zirconium	90-1	1963	1957	2030	1983	2.05	cps
Zirconium	91-1	390	363	467	407	13.19	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BS	Instrumnet Name :	P7
Client Sample ID :	LCS627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:04:55	DataFile Name :	212LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22310	22300	22563	22391	0.67	cps
Antimony	121-1	111975	110927	109445	110782	1.15	cps
Arsenic	75-2	2957	3070	2974	3000	2.04	cps
Barium	135-1	133593	131726	130559	131959	1.16	cps
Barium	137-1	231407	229200	226862	229156	0.99	cps
Beryllium	9-1	5551	5218	5207	5325	3.68	cps
Bismuth	209-1	20376613	20249805	19872026	20166148	1.30	cps
Bismuth	209-2	14352871	14437097	14279196	14356388	0.55	cps
Bromine	81-1	16883	16563	17053	16833	1.48	cps
Bromine	81-2	257	203	213	224	12.63	cps
Cadmium	108-1	1177	1063	1023	1088	7.31	cps
Cadmium	106-1	12542	12132	11818	12164	2.98	cps
Cadmium	111-1	15942	15961	15912	15938	0.15	cps
Calcium	43-1	68400	68771	67797	68323	0.72	cps
Calcium	44-1	1234775	1223447	1211390	1223204	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47036	46993	47598	47209	0.72	cps
Cobalt	59-2	43486	43017	42534	43012	1.11	cps
Copper	63-2	59230	59186	59226	59214	0.04	cps
Dysprosium	156-1	30	27	40	32	21.53	cps
Dysprosium	156-2	20	7	27	18	57.27	cps
Erbium	164-1	153	180	97	143	29.69	cps
Erbium	164-2	127	97	103	109	14.47	cps
Gadolinium	160-1	127	170	147	148	14.67	cps
Gadolinium	160-2	1007	1157	1060	1074	7.08	cps
Holmium	165-1	34506186	34304002	34045279	34285156	0.67	cps
Holmium	165-2	21249411	21360549	20850557	21153506	1.27	cps
Indium	115-1	29800795	29564077	29279920	29548264	0.88	cps
Indium	115-2	9568512	9547394	9461629	9525845	0.59	cps
Iron	56-2	4068662	4024270	4018673	4037202	0.68	cps
Iron	57-2	105913	105534	106722	106056	0.57	cps
Iron	54-2	236322	237332	235670	236441	0.35	cps
Krypton	83-1	413	410	440	421	3.90	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BS	Instrumnet Name :	P7
Client Sample ID :	LCS627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:04:55	DataFile Name :	212LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40724	39113	40042	39960	2.02	cps
Lead	207-1	35780	35580	35510	35623	0.39	cps
Lead	208-1	162856	163161	162642	162887	0.16	cps
Lithium	6-1	3168877	3172827	3070059	3137254	1.86	cps
Magnesium	24-2	999248	995364	990783	995132	0.43	cps
Manganese	55-2	17767	17517	17100	17461	1.93	cps
Molybdenum	94-1	118581	115769	115313	116554	1.52	cps
Molybdenum	95-1	140813	140160	138676	139883	0.78	cps
Molybdenum	96-1	158171	155823	153772	155922	1.41	cps
Molybdenum	97-1	89106	87678	88201	88328	0.82	cps
Molybdenum	98-1	227722	227551	224147	226473	0.89	cps
Neodymium	150-1	30	27	7	21	59.77	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	9913	9703	9980	9866	1.46	cps
Phosphorus	31-2	277	280	243	267	7.60	cps
Potassium	39-2	1191945	1189704	1195390	1192346	0.24	cps
Rhodium	103-1	28282120	28173094	27912586	28122600	0.68	cps
Rhodium	103-2	16453087	16310761	16215387	16326412	0.73	cps
Scandium	45-1	15444493	15202919	15071384	15239599	1.24	cps
Scandium	45-2	1303352	1308134	1323537	1311674	0.80	cps
Selenium	82-1	6119	5870	6028	6006	2.09	cps
Selenium	77-2	497	437	403	446	10.62	cps
Selenium	78-2	2007	1847	1897	1917	4.27	cps
Silicon	28-1	1345744	1345394	1336633	1342590	0.38	cps
Silver	107-1	73166	71954	72064	72395	0.93	cps
Silver	109-1	69442	69100	69043	69195	0.31	cps
Sodium	23-2	1612526	1612538	1595053	1606706	0.63	cps
Strontium	86-1	17884	18175	18281	18113	1.13	cps
Strontium	88-1	153720	153000	150921	152547	0.95	cps
Sulfur	34-1	292178	294696	297054	294643	0.83	cps
Terbium	159-1	35966214	35136949	35068488	35390550	1.41	cps
Terbium	159-2	21718041	21430453	21103301	21417265	1.44	cps
Thallium	203-1	49804	48048	47630	48494	2.38	cps
Thallium	205-1	118672	115543	114867	116361	1.74	cps
Tin	118-1	4217	4237	4171	4208	0.81	cps
Titanium	47-1	33056	33353	32244	32885	1.75	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BS	Instrumnet Name :	P7
Client Sample ID :	LCS627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:04:55	DataFile Name :	212LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	147283	147270	145787	146780	0.59	cps
Vanadium	51-2	96653	96204	95516	96125	0.60	cps
Yttrium	89-1	38912207	38710602	38520110	38714306	0.51	cps
Yttrium	89-2	9681774	9512429	9501588	9565264	1.06	cps
Zinc	66-2	23251	22844	22584	22893	1.47	cps
Zirconium	90-1	98336	97927	95997	97420	1.28	cps
Zirconium	91-1	21619	21856	21082	21519	1.84	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:08:10	DataFile Name :	213LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11211	11618	11584	11471	1.97	cps
Antimony	121-1	55179	55005	54162	54782	0.99	cps
Arsenic	75-2	1560	1537	1423	1507	4.85	cps
Barium	135-1	64964	65359	64509	64944	0.66	cps
Barium	137-1	113757	113992	111265	113005	1.34	cps
Beryllium	9-1	2472	2522	2700	2565	4.67	cps
Bismuth	209-1	20700802	18337057	21360417	20132759	7.90	cps
Bismuth	209-2	14190163	14203149	14367751	14253688	0.69	cps
Bromine	81-1	17914	18074	17964	17984	0.46	cps
Bromine	81-2	253	223	180	219	16.84	cps
Cadmium	108-1	553	563	513	543	4.87	cps
Cadmium	106-1	12012	10464	11264	11247	6.88	cps
Cadmium	111-1	8619	8290	8605	8505	2.19	cps
Calcium	43-1	34048	35114	33724	34295	2.12	cps
Calcium	44-1	632037	631750	624555	629447	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24714	24113	24377	24401	1.23	cps
Cobalt	59-2	21581	20823	21045	21150	1.84	cps
Copper	63-2	30130	29990	30438	30186	0.76	cps
Dysprosium	156-1	17	20	20	19	10.18	cps
Dysprosium	156-2	23	23	23	23	0.00	cps
Erbium	164-1	120	113	147	127	13.92	cps
Erbium	164-2	80	60	87	76	18.37	cps
Gadolinium	160-1	200	153	180	178	13.17	cps
Gadolinium	160-2	1027	1140	1013	1060	6.57	cps
Holmium	165-1	35573272	30973104	36155211	34233862	8.29	cps
Holmium	165-2	21477863	21127732	21261402	21288999	0.83	cps
Indium	115-1	30632430	27094317	31399883	29708877	7.73	cps
Indium	115-2	9675857	9519049	9542725	9579210	0.88	cps
Iron	56-2	2021190	2041446	2023950	2028862	0.54	cps
Iron	57-2	53488	53689	53401	53526	0.28	cps
Iron	54-2	119308	117921	118247	118492	0.61	cps
Krypton	83-1	370	387	487	414	15.22	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:08:10	DataFile Name :	213LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20339	20075	20242	20218	0.66	cps
Lead	207-1	17428	17421	17228	17359	0.66	cps
Lead	208-1	81437	81163	81016	81205	0.26	cps
Lithium	6-1	3195413	2769104	3322563	3095693	9.36	cps
Magnesium	24-2	499316	491166	497782	496088	0.87	cps
Manganese	55-2	8593	9033	8693	8773	2.63	cps
Molybdenum	94-1	58084	57385	56887	57452	1.05	cps
Molybdenum	95-1	69648	69712	69393	69584	0.24	cps
Molybdenum	96-1	78502	77477	75758	77246	1.80	cps
Molybdenum	97-1	43712	43611	43240	43521	0.57	cps
Molybdenum	98-1	111518	114269	111101	112296	1.53	cps
Neodymium	150-1	13	10	20	14	35.26	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	4884	4804	5054	4914	2.60	cps
Phosphorus	31-2	207	247	273	242	13.85	cps
Potassium	39-2	675966	672132	670911	673003	0.39	cps
Rhodium	103-1	29168965	25848925	29873731	28297207	7.60	cps
Rhodium	103-2	16596534	16204720	16554514	16451923	1.31	cps
Scandium	45-1	15833521	13759268	16357071	15316620	8.97	cps
Scandium	45-2	1349497	1328194	1344622	1340771	0.83	cps
Selenium	82-1	3769	3661	3740	3723	1.50	cps
Selenium	77-2	250	220	223	231	7.11	cps
Selenium	78-2	1297	1333	1280	1303	2.09	cps
Silicon	28-1	1244101	1244669	1240660	1243143	0.17	cps
Silver	107-1	36205	35711	35567	35827	0.93	cps
Silver	109-1	34895	34541	34284	34573	0.89	cps
Sodium	23-2	794286	792656	793585	793509	0.10	cps
Strontium	86-1	9476	9303	8953	9244	2.89	cps
Strontium	88-1	75854	75680	74722	75419	0.81	cps
Sulfur	34-1	303718	303790	304272	303927	0.10	cps
Terbium	159-1	36721107	31974657	37002649	35232804	8.02	cps
Terbium	159-2	21563788	21280124	21372262	21405391	0.68	cps
Thallium	203-1	24619	24953	23891	24488	2.22	cps
Thallium	205-1	57973	57892	57842	57903	0.11	cps
Tin	118-1	4014	3917	3741	3891	3.56	cps
Titanium	47-1	16699	16876	16886	16821	0.63	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164627BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD627	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:08:10	DataFile Name :	213LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73297	73233	69523	72018	3.00	cps
Vanadium	51-2	48080	47792	47882	47918	0.31	cps
Yttrium	89-1	39860951	35096477	41634412	38863947	8.70	cps
Yttrium	89-2	9752883	9640872	9589162	9660973	0.87	cps
Zinc	66-2	11735	11831	11548	11705	1.23	cps
Zirconium	90-1	49975	49302	48727	49335	1.27	cps
Zirconium	91-1	10614	11291	10724	10876	3.34	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-01	Instrumnet Name :	P7
Client Sample ID :	MYE5F3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:11:23	DataFile Name :	214SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25472239	26010243	24925707	25469396	2.13	cps
Antimony	121-1	41373	42359	42666	42133	1.60	cps
Arsenic	75-2	227243	227671	228322	227745	0.24	cps
Barium	135-1	3302644	3258461	3250557	3270554	0.86	cps
Barium	137-1	5556114	5629224	5607483	5597607	0.67	cps
Beryllium	9-1	3917	3928	3978	3941	0.83	cps
Bismuth	209-1	20168701	20186370	20398486	20251186	0.63	cps
Bismuth	209-2	13717334	13787096	13819043	13774491	0.38	cps
Bromine	81-1	30772	32285	33040	32033	3.61	cps
Bromine	81-2	3184	3250	2974	3136	4.61	cps
Cadmium	108-1	1213	1257	1223	1231	1.84	cps
Cadmium	106-1	13109	12762	12889	12920	1.36	cps
Cadmium	111-1	14221	14411	14346	14326	0.67	cps
Calcium	43-1	960288	955115	945962	953788	0.76	cps
Calcium	44-1	14654563	14501351	14578751	14578221	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1964501	1976065	1972206	1970924	0.30	cps
Cobalt	59-2	1390758	1389123	1390528	1390136	0.06	cps
Copper	63-2	3749523	3722707	3748164	3740131	0.40	cps
Dysprosium	156-1	187267	186978	189764	188003	0.81	cps
Dysprosium	156-2	138693	137360	139232	138428	0.70	cps
Erbium	164-1	154710	157093	156326	156043	0.78	cps
Erbium	164-2	95118	94218	94366	94567	0.51	cps
Gadolinium	160-1	174526	176795	176636	175986	0.72	cps
Gadolinium	160-2	113969	112934	114668	113857	0.77	cps
Holmium	165-1	35631492	35763829	35741430	35712250	0.20	cps
Holmium	165-2	21297659	21281951	21432931	21337514	0.39	cps
Indium	115-1	29592094	29411423	29822490	29608669	0.70	cps
Indium	115-2	9344671	9360176	9561504	9422117	1.28	cps
Iron	56-2	1071029877	1075340944	1068108837	1071493220	0.34	cps
Iron	57-2	26769406	26294652	26724188	26596082	0.99	cps
Iron	54-2	58266746	58745439	58529932	58514039	0.41	cps
Krypton	83-1	630	577	647	618	5.92	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-01	Instrumnet Name :	P7
Client Sample ID :	MYE5F3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:11:23	DataFile Name :	214SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1350714	1371874	1377534	1366707	1.03	cps
Lead	207-1	1183811	1200261	1195991	1193354	0.72	cps
Lead	208-1	5372797	5419243	5420633	5404224	0.50	cps
Lithium	6-1	2996901	2878495	2791679	2889025	3.57	cps
Magnesium	24-2	25007746	25338615	24743802	25030055	1.19	cps
Manganese	55-2	26978284	27011435	27192377	27060698	0.43	cps
Molybdenum	94-1	165553	166760	166140	166151	0.36	cps
Molybdenum	95-1	15308	15855	14944	15369	2.98	cps
Molybdenum	96-1	53069	53574	53163	53269	0.50	cps
Molybdenum	97-1	10024	9707	9393	9708	3.25	cps
Molybdenum	98-1	24080	24477	24057	24205	0.98	cps
Neodymium	150-1	341386	343516	347843	344248	0.96	cps
Neodymium	150-2	181646	181619	181441	181569	0.06	cps
Nickel	60-2	563668	565281	565239	564729	0.16	cps
Phosphorus	31-2	68542	67207	68368	68039	1.07	cps
Potassium	39-2	10143454	10236408	10110387	10163416	0.64	cps
Rhodium	103-1	28060965	27351234	28178761	27863653	1.61	cps
Rhodium	103-2	16103520	16112854	16357414	16191263	0.89	cps
Scandium	45-1	15892549	15771944	16042793	15902428	0.85	cps
Scandium	45-2	1418747	1420898	1443977	1427874	0.98	cps
Selenium	82-1	1906	1874	1845	1875	1.63	cps
Selenium	77-2	683	630	713	676	6.25	cps
Selenium	78-2	980	1163	1040	1061	8.81	cps
Silicon	28-1	70490269	69728519	68878461	69699083	1.16	cps
Silver	107-1	16793	16513	15832	16379	3.02	cps
Silver	109-1	15929	15535	14998	15487	3.02	cps
Sodium	23-2	1108809	1134288	1079282	1107460	2.49	cps
Strontium	86-1	723862	724750	726299	724970	0.17	cps
Strontium	88-1	6270159	6273414	6287454	6277009	0.15	cps
Sulfur	34-1	302451	288015	277968	289478	4.25	cps
Terbium	159-1	36180275	36121667	36433950	36245298	0.46	cps
Terbium	159-2	21501956	21765509	21471517	21579661	0.75	cps
Thallium	203-1	10434	10297	9543	10092	4.75	cps
Thallium	205-1	24526	24091	22979	23865	3.34	cps
Tin	118-1	56775	57471	56005	56750	1.29	cps
Titanium	47-1	3278574	3208259	3206700	3231178	1.27	cps

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Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-01	Instrumnet Name :	P7
Client Sample ID :	MYE5F3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:11:23	DataFile Name :	214SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	79673	80719	80400	80264	0.67	cps
Vanadium	51-2	2135837	2137346	2154870	2142684	0.49	cps
Yttrium	89-1	41896541	41580467	42258778	41911929	0.81	cps
Yttrium	89-2	10336332	10273830	10205410	10271857	0.64	cps
Zinc	66-2	571863	570561	571893	571439	0.13	cps
Zirconium	90-1	425340	427688	428659	427229	0.40	cps
Zirconium	91-1	95166	96256	95481	95634	0.59	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-02	Instrumnet Name :	P7
Client Sample ID :	MYE5F4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:14:25	DataFile Name :	215SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23642454	23925642	23385755	23651284	1.14	cps
Antimony	121-1	76596	78094	77021	77237	1.00	cps
Arsenic	75-2	263469	267491	264953	265304	0.77	cps
Barium	135-1	3394917	3404369	3399210	3399498	0.14	cps
Barium	137-1	5868584	5880320	5810876	5853260	0.64	cps
Beryllium	9-1	3939	3989	4140	4023	2.59	cps
Bismuth	209-1	20513223	20340400	20585066	20479563	0.61	cps
Bismuth	209-2	13940814	13892843	13681434	13838364	1.00	cps
Bromine	81-1	30535	32335	32376	31749	3.31	cps
Bromine	81-2	3284	3080	3217	3194	3.25	cps
Cadmium	108-1	1647	1580	1617	1615	2.07	cps
Cadmium	106-1	13233	13123	13153	13169	0.43	cps
Cadmium	111-1	19828	19760	19978	19855	0.56	cps
Calcium	43-1	603825	604171	601347	603114	0.26	cps
Calcium	44-1	9339914	9422455	9251265	9337878	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1190340	1188044	1182297	1186894	0.35	cps
Cobalt	59-2	1257333	1249987	1253331	1253550	0.29	cps
Copper	63-2	4606261	4589603	4573085	4589650	0.36	cps
Dysprosium	156-1	202471	205498	204654	204208	0.76	cps
Dysprosium	156-2	145915	148670	146599	147061	0.98	cps
Erbium	164-1	171148	170710	172150	171336	0.43	cps
Erbium	164-2	102063	101116	100482	101220	0.79	cps
Gadolinium	160-1	193504	194586	192900	193663	0.44	cps
Gadolinium	160-2	123344	124709	122945	123666	0.75	cps
Holmium	165-1	35765044	35872430	35575010	35737495	0.42	cps
Holmium	165-2	21605300	21340952	21075538	21340597	1.24	cps
Indium	115-1	29973576	29693271	29545975	29737607	0.73	cps
Indium	115-2	9443475	9438174	9523905	9468518	0.51	cps
Iron	56-2	1237714568	1216086142	1230989128	1228263279	0.90	cps
Iron	57-2	30294616	30098080	30291166	30227954	0.37	cps
Iron	54-2	67717329	66741667	67578119	67345705	0.78	cps
Krypton	83-1	603	593	657	618	5.51	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-02	Instrumnet Name :	P7
Client Sample ID :	MYE5F4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:14:25	DataFile Name :	215SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1974213	1970440	1956788	1967147	0.47	cps
Lead	207-1	1735956	1767419	1738616	1747330	1.00	cps
Lead	208-1	7867414	7973709	7910449	7917191	0.68	cps
Lithium	6-1	2691151	2594444	2597041	2627545	2.10	cps
Magnesium	24-2	17464448	17487572	17389558	17447193	0.29	cps
Manganese	55-2	28636519	28469154	28903235	28669636	0.76	cps
Molybdenum	94-1	180903	181796	180916	181205	0.28	cps
Molybdenum	95-1	28545	29042	27893	28493	2.02	cps
Molybdenum	96-1	69943	69779	69427	69716	0.38	cps
Molybdenum	97-1	17748	17828	17597	17724	0.66	cps
Molybdenum	98-1	44945	45394	45290	45210	0.52	cps
Neodymium	150-1	371923	376458	374435	374272	0.61	cps
Neodymium	150-2	192503	192801	191915	192406	0.23	cps
Nickel	60-2	449160	448506	449528	449065	0.12	cps
Phosphorus	31-2	42529	42338	41653	42174	1.09	cps
Potassium	39-2	6803122	6656761	6729226	6729703	1.09	cps
Rhodium	103-1	28218114	28331823	28285857	28278598	0.20	cps
Rhodium	103-2	16518916	16457051	16531302	16502423	0.24	cps
Scandium	45-1	15717051	15728837	15592873	15679587	0.48	cps
Scandium	45-2	1457105	1421302	1438705	1439037	1.24	cps
Selenium	82-1	1868	1902	1925	1898	1.50	cps
Selenium	77-2	787	663	793	748	9.79	cps
Selenium	78-2	1247	1233	1107	1196	6.46	cps
Silicon	28-1	59527039	58651866	58875084	59017996	0.77	cps
Silver	107-1	22741	22347	22421	22503	0.93	cps
Silver	109-1	21810	21903	21336	21683	1.40	cps
Sodium	23-2	713627	720010	711072	714903	0.64	cps
Strontium	86-1	532952	534214	530450	532539	0.36	cps
Strontium	88-1	4641206	4649678	4574962	4621949	0.89	cps
Sulfur	34-1	233432	225164	223764	227454	2.30	cps
Terbium	159-1	36948968	36116506	36667594	36577689	1.16	cps
Terbium	159-2	21408766	21505523	21536881	21483723	0.31	cps
Thallium	203-1	12382	11769	12336	12162	2.81	cps
Thallium	205-1	28503	28473	28547	28508	0.13	cps
Tin	118-1	65522	66409	66181	66037	0.70	cps
Titanium	47-1	3194728	3308667	3190974	3231456	2.07	cps

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Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-02	Instrumnet Name :	P7
Client Sample ID :	MYE5F4	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:14:25	DataFile Name :	215SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	113999	115206	113622	114276	0.72	cps
Vanadium	51-2	2266357	2205536	2212716	2228203	1.49	cps
Yttrium	89-1	42267189	41783463	42383485	42144712	0.76	cps
Yttrium	89-2	10486783	10443338	10464270	10464797	0.21	cps
Zinc	66-2	636618	639274	636044	637312	0.27	cps
Zirconium	90-1	445660	451772	442382	446605	1.07	cps
Zirconium	91-1	100226	101008	99743	100325	0.64	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03	Instrumnet Name :	P7
Client Sample ID :	MYE5F5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:17:27	DataFile Name :	216SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20467650	20196038	20367721	20343803	0.68	cps
Antimony	121-1	31615	31571	31485	31557	0.21	cps
Arsenic	75-2	156822	156162	154750	155911	0.68	cps
Barium	135-1	3968137	3981772	3952660	3967523	0.37	cps
Barium	137-1	6816347	6860622	6742352	6806441	0.88	cps
Beryllium	9-1	3506	3362	3567	3478	3.04	cps
Bismuth	209-1	20719531	20837557	20759013	20772034	0.29	cps
Bismuth	209-2	13895819	13988431	13845849	13910033	0.52	cps
Bromine	81-1	30923	31631	32629	31728	2.70	cps
Bromine	81-2	2774	3214	3137	3041	7.73	cps
Cadmium	108-1	1170	1323	1213	1236	6.40	cps
Cadmium	106-1	12522	12072	11905	12166	2.62	cps
Cadmium	111-1	14533	15019	15169	14907	2.23	cps
Calcium	43-1	678320	678087	668094	674834	0.87	cps
Calcium	44-1	10245917	10424141	10311357	10327138	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1072528	1062862	1068082	1067824	0.45	cps
Cobalt	59-2	1028502	1019476	1015813	1021264	0.64	cps
Copper	63-2	2816764	2773482	2741823	2777356	1.35	cps
Dysprosium	156-1	180603	181439	178924	180322	0.71	cps
Dysprosium	156-2	132507	131263	132602	132124	0.57	cps
Erbium	164-1	141333	143380	141868	142194	0.75	cps
Erbium	164-2	84805	84242	84742	84596	0.36	cps
Gadolinium	160-1	166308	168349	165626	166761	0.85	cps
Gadolinium	160-2	106068	105467	105289	105608	0.39	cps
Holmium	165-1	36334861	36103319	36155917	36198033	0.34	cps
Holmium	165-2	21526245	21369184	21443378	21446269	0.37	cps
Indium	115-1	30586071	30229751	29744317	30186713	1.40	cps
Indium	115-2	9580998	9414873	9597718	9531196	1.06	cps
Iron	56-2	845510734	849684974	849345934	848180547	0.27	cps
Iron	57-2	21181299	20909427	21184120	21091615	0.75	cps
Iron	54-2	46638661	47007879	46784966	46810502	0.40	cps
Krypton	83-1	580	537	597	571	5.42	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03	Instrumnet Name :	P7
Client Sample ID :	MYE5F5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:17:27	DataFile Name :	216SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1579570	1579819	1601886	1587092	0.81	cps
Lead	207-1	1387115	1383718	1381790	1384208	0.19	cps
Lead	208-1	6310137	6315052	6329425	6318205	0.16	cps
Lithium	6-1	2598286	2518288	2582085	2566220	1.65	cps
Magnesium	24-2	15664138	15412974	15402277	15493130	0.96	cps
Manganese	55-2	34382463	34477077	34306492	34388677	0.25	cps
Molybdenum	94-1	177218	178668	177359	177748	0.45	cps
Molybdenum	95-1	14764	14864	14671	14766	0.66	cps
Molybdenum	96-1	52490	51989	51989	52156	0.56	cps
Molybdenum	97-1	8643	8726	8693	8687	0.48	cps
Molybdenum	98-1	21696	21927	21953	21859	0.65	cps
Neodymium	150-1	341393	340482	341464	341113	0.16	cps
Neodymium	150-2	173916	174581	174806	174434	0.27	cps
Nickel	60-2	401339	399283	398456	399693	0.37	cps
Phosphorus	31-2	50817	51459	50884	51054	0.69	cps
Potassium	39-2	8523841	8640482	8495524	8553283	0.90	cps
Rhodium	103-1	28540676	28658688	28151111	28450158	0.93	cps
Rhodium	103-2	16639046	16650731	16554251	16614676	0.32	cps
Scandium	45-1	15935473	15703850	15352814	15664045	1.87	cps
Scandium	45-2	1442783	1443739	1437726	1441416	0.22	cps
Selenium	82-1	1784	1773	1671	1743	3.57	cps
Selenium	77-2	670	677	643	663	2.66	cps
Selenium	78-2	1010	1047	1000	1019	2.41	cps
Silicon	28-1	84528767	82813872	81233617	82858752	1.99	cps
Silver	107-1	15992	16212	16383	16196	1.21	cps
Silver	109-1	15255	15502	15398	15385	0.81	cps
Sodium	23-2	255708	255660	256796	256054	0.25	cps
Strontium	86-1	590287	594782	593897	592989	0.40	cps
Strontium	88-1	5220246	5169300	5086046	5158531	1.31	cps
Sulfur	34-1	237562	229223	226080	230955	2.57	cps
Terbium	159-1	37538153	37346141	37654138	37512811	0.41	cps
Terbium	159-2	21490145	21445699	21450356	21462067	0.11	cps
Thallium	203-1	10027	10417	10114	10186	2.01	cps
Thallium	205-1	23998	24175	24632	24268	1.35	cps
Tin	118-1	51602	51692	52147	51814	0.56	cps
Titanium	47-1	2452736	2461903	2437378	2450672	0.51	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03	Instrumnet Name :	P7
Client Sample ID :	MYE5F5	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:17:27	DataFile Name :	216SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77661	77745	78352	77919	0.48	cps
Vanadium	51-2	1678742	1690439	1676360	1681847	0.45	cps
Yttrium	89-1	42599521	42206269	41642788	42149526	1.14	cps
Yttrium	89-2	10490092	10212241	10256762	10319698	1.45	cps
Zinc	66-2	514993	513469	510606	513023	0.43	cps
Zirconium	90-1	457477	458946	456592	457671	0.26	cps
Zirconium	91-1	103132	102250	103683	103022	0.70	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-04	Instrumnet Name :	P7
Client Sample ID :	MYE5F5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:20:29	DataFile Name :	217SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20498331	20820057	20483038	20600475	0.92	cps
Antimony	121-1	29246	30927	30603	30259	2.95	cps
Arsenic	75-2	155343	153393	152468	153734	0.95	cps
Barium	135-1	4022675	4184797	4091050	4099507	1.99	cps
Barium	137-1	6961020	7184331	7094841	7080064	1.59	cps
Beryllium	9-1	3350	3617	3434	3467	3.94	cps
Bismuth	209-1	21799696	21503874	21403623	21569064	0.95	cps
Bismuth	209-2	14295471	14113450	14033636	14147519	0.95	cps
Bromine	81-1	29997	32269	32927	31731	4.84	cps
Bromine	81-2	3100	2854	3107	3020	4.78	cps
Cadmium	108-1	1253	1183	1213	1217	2.89	cps
Cadmium	106-1	12902	12162	11822	12295	4.50	cps
Cadmium	111-1	14799	14951	15244	14998	1.51	cps
Calcium	43-1	654059	676531	676806	669132	1.95	cps
Calcium	44-1	10172057	10557315	10401859	10377077	1.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1063232	1058163	1051730	1057708	0.55	cps
Cobalt	59-2	1023553	1023431	1020006	1022330	0.20	cps
Copper	63-2	2795698	2726926	2798085	2773570	1.46	cps
Dysprosium	156-1	174466	179825	180585	178292	1.87	cps
Dysprosium	156-2	135603	132922	132467	133664	1.27	cps
Erbium	164-1	139528	142515	143378	141807	1.42	cps
Erbium	164-2	86180	85389	85100	85556	0.65	cps
Gadolinium	160-1	160849	164294	166297	163814	1.68	cps
Gadolinium	160-2	106420	106494	105315	106077	0.62	cps
Holmium	165-1	37976661	37625443	36501335	37367813	2.06	cps
Holmium	165-2	21972833	21883866	21431787	21762829	1.33	cps
Indium	115-1	31439069	31394882	30481922	31105291	1.74	cps
Indium	115-2	9632643	9673201	9650077	9651974	0.21	cps
Iron	56-2	840600947	837026574	839643801	839090441	0.22	cps
Iron	57-2	20154779	20530401	20544401	20409860	1.08	cps
Iron	54-2	46226266	46115503	45174819	45838863	1.26	cps
Krypton	83-1	633	633	660	642	2.40	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-04	Instrumnet Name :	P7
Client Sample ID :	MYE5F5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:20:29	DataFile Name :	217SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1590568	1648141	1661238	1633315	2.30	cps
Lead	207-1	1403268	1438937	1445528	1429244	1.59	cps
Lead	208-1	6378042	6525303	6579123	6494156	1.60	cps
Lithium	6-1	2743974	2637267	2566241	2649161	3.38	cps
Magnesium	24-2	15474656	15706119	15480902	15553892	0.85	cps
Manganese	55-2	36256591	36199974	35631180	36029249	0.96	cps
Molybdenum	94-1	174696	182052	180663	179137	2.18	cps
Molybdenum	95-1	13727	14114	14431	14090	2.50	cps
Molybdenum	96-1	50417	51918	52457	51597	2.05	cps
Molybdenum	97-1	8239	8759	8409	8469	3.13	cps
Molybdenum	98-1	20668	21282	21165	21039	1.55	cps
Neodymium	150-1	330703	339615	340000	336773	1.56	cps
Neodymium	150-2	176673	175786	175175	175878	0.43	cps
Nickel	60-2	406044	397554	402143	401913	1.06	cps
Phosphorus	31-2	51326	50844	49058	50409	2.37	cps
Potassium	39-2	8466722	8423140	8342320	8410728	0.75	cps
Rhodium	103-1	29736229	29150789	29059626	29315548	1.25	cps
Rhodium	103-2	16671416	16744597	16743684	16719899	0.25	cps
Scandium	45-1	16396449	16234840	15759051	16130114	2.05	cps
Scandium	45-2	1437766	1408692	1385765	1410741	1.85	cps
Selenium	82-1	1704	1696	1688	1696	0.46	cps
Selenium	77-2	673	613	663	650	4.95	cps
Selenium	78-2	1043	1050	930	1008	6.69	cps
Silicon	28-1	83008525	83960789	83050942	83340085	0.65	cps
Silver	107-1	16353	16086	16690	16376	1.85	cps
Silver	109-1	15181	15508	15231	15307	1.15	cps
Sodium	23-2	260933	262333	259680	260982	0.51	cps
Strontium	86-1	579584	595101	596199	590295	1.57	cps
Strontium	88-1	5030604	5113708	5179919	5108077	1.46	cps
Sulfur	34-1	221597	219561	218108	219755	0.80	cps
Terbium	159-1	38950126	38010204	38005324	38321884	1.42	cps
Terbium	159-2	21923725	21725082	21649149	21765985	0.65	cps
Thallium	203-1	10504	10471	10794	10590	1.68	cps
Thallium	205-1	24586	24823	25611	25006	2.15	cps
Tin	118-1	50200	51552	52097	51283	1.90	cps
Titanium	47-1	2377121	2392508	2392904	2387511	0.38	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-04	Instrumnet Name :	P7
Client Sample ID :	MYE5F5D	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:20:29	DataFile Name :	217SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	74590	76579	77142	76104	1.76	cps
Vanadium	51-2	1607931	1632361	1611862	1617385	0.81	cps
Yttrium	89-1	44241148	43288784	42119640	43216524	2.46	cps
Yttrium	89-2	10419782	10519403	10350890	10430025	0.81	cps
Zinc	66-2	513616	512254	517304	514391	0.51	cps
Zirconium	90-1	453507	464713	469273	462497	1.75	cps
Zirconium	91-1	100682	105717	105328	103909	2.70	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5F5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 10:23:31	DataFile Name :	218SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4168878	4156173	4119649	4148233	0.62	cps
Antimony	121-1	6402	6632	6555	6529	1.79	cps
Arsenic	75-2	32245	32506	32078	32276	0.67	cps
Barium	135-1	795982	788761	788905	791216	0.52	cps
Barium	137-1	1373985	1383215	1385512	1380904	0.44	cps
Beryllium	9-1	694	717	717	709	1.81	cps
Bismuth	209-1	21400271	21474613	21361562	21412149	0.27	cps
Bismuth	209-2	14444007	14689588	14402299	14511965	1.07	cps
Bromine	81-1	22090	21352	21596	21679	1.73	cps
Bromine	81-2	807	737	770	771	4.54	cps
Cadmium	108-1	260	217	240	239	9.08	cps
Cadmium	106-1	10330	10364	9907	10200	2.50	cps
Cadmium	111-1	3877	3865	3895	3879	0.39	cps
Calcium	43-1	137607	138879	138034	138174	0.47	cps
Calcium	44-1	2164451	2173688	2136875	2158338	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	216015	215315	214916	215415	0.26	cps
Cobalt	59-2	209915	211252	208134	209767	0.75	cps
Copper	63-2	577671	580603	574164	577479	0.56	cps
Dysprosium	156-1	36243	35993	36043	36093	0.37	cps
Dysprosium	156-2	26923	27086	27327	27112	0.75	cps
Erbium	164-1	28619	29154	28302	28692	1.50	cps
Erbium	164-2	17494	17237	16697	17143	2.38	cps
Gadolinium	160-1	33380	33169	32458	33002	1.46	cps
Gadolinium	160-2	22004	21984	22131	22040	0.36	cps
Holmium	165-1	37096881	36331635	37083884	36837467	1.19	cps
Holmium	165-2	22287601	22150730	21530419	21989583	1.83	cps
Indium	115-1	31339263	30789730	31038353	31055782	0.89	cps
Indium	115-2	9731992	9830784	9792167	9784981	0.51	cps
Iron	56-2	171688364	172493051	170447511	171542975	0.60	cps
Iron	57-2	4240771	4239406	4301294	4260490	0.83	cps
Iron	54-2	9432851	9443622	9500959	9459144	0.39	cps
Krypton	83-1	417	457	477	450	6.79	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5F5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 10:23:31	DataFile Name :	218SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	324678	322704	322559	323314	0.37	cps
Lead	207-1	278606	282516	281402	280841	0.72	cps
Lead	208-1	1285061	1295032	1290896	1290330	0.39	cps
Lithium	6-1	2751247	2606792	2697006	2685015	2.72	cps
Magnesium	24-2	3158802	3128963	3088284	3125350	1.13	cps
Manganese	55-2	6860026	6922491	6898424	6893647	0.46	cps
Molybdenum	94-1	36589	36395	35119	36034	2.22	cps
Molybdenum	95-1	3080	3174	3087	3114	1.67	cps
Molybdenum	96-1	10350	10901	10958	10736	3.12	cps
Molybdenum	97-1	1783	1907	1827	1839	3.40	cps
Molybdenum	98-1	4511	4481	4201	4397	3.89	cps
Neodymium	150-1	68536	68180	67608	68108	0.69	cps
Neodymium	150-2	35384	35849	35468	35567	0.70	cps
Nickel	60-2	82522	82401	82968	82630	0.36	cps
Phosphorus	31-2	10390	10217	10534	10380	1.53	cps
Potassium	39-2	1767078	1781209	1762810	1770366	0.54	cps
Rhodium	103-1	29962158	29633785	29277027	29624323	1.16	cps
Rhodium	103-2	17023054	16894993	16991543	16969863	0.39	cps
Scandium	45-1	15751610	15709946	15542030	15667862	0.71	cps
Scandium	45-2	1394016	1415758	1374081	1394618	1.49	cps
Selenium	82-1	1680	1471	1505	1552	7.23	cps
Selenium	77-2	113	157	137	136	16.00	cps
Selenium	78-2	647	593	703	648	8.49	cps
Silicon	28-1	17701589	17927607	17766250	17798482	0.65	cps
Silver	107-1	3464	3584	3640	3563	2.53	cps
Silver	109-1	3120	3397	3240	3253	4.27	cps
Sodium	23-2	93143	94357	92368	93289	1.07	cps
Strontium	86-1	121234	119177	119402	119938	0.94	cps
Strontium	88-1	1044570	1053702	1042961	1047078	0.55	cps
Sulfur	34-1	180947	181949	179999	180965	0.54	cps
Terbium	159-1	37626594	37523356	36936404	37362118	1.00	cps
Terbium	159-2	22297331	21962781	21590695	21950269	1.61	cps
Thallium	203-1	2230	2180	2214	2208	1.15	cps
Thallium	205-1	5555	5605	5211	5457	3.93	cps
Tin	118-1	14184	13673	13863	13907	1.86	cps
Titanium	47-1	500359	502883	498255	500499	0.46	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5F5L	Dilution Factor :	5
Date & Time Acquired :	2024-11-11 10:23:31	DataFile Name :	218SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15249	15346	15389	15328	0.47	cps
Vanadium	51-2	334749	334528	332503	333927	0.37	cps
Yttrium	89-1	41808400	41503731	40950279	41420804	1.05	cps
Yttrium	89-2	10164362	10138426	10067104	10123297	0.50	cps
Zinc	66-2	109034	107991	108897	108641	0.52	cps
Zirconium	90-1	92086	92301	91529	91972	0.43	cps
Zirconium	91-1	20688	20461	20912	20687	1.09	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-05	Instrumnet Name :	P7
Client Sample ID :	MYE5F5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:26:45	DataFile Name :	219SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20054207	20110123	20322168	20162166	0.70	cps
Antimony	121-1	1545766	1557761	1544161	1549229	0.48	cps
Arsenic	75-2	184525	181765	183182	183157	0.75	cps
Barium	135-1	11118161	11267016	11064637	11149938	0.94	cps
Barium	137-1	19093533	19255064	19249297	19199298	0.48	cps
Beryllium	9-1	60305	59134	58298	59246	1.70	cps
Bismuth	209-1	20710916	21289968	21109903	21036929	1.41	cps
Bismuth	209-2	14309186	14246314	14128601	14228033	0.64	cps
Bromine	81-1	31380	32843	32533	32252	2.39	cps
Bromine	81-2	2874	3020	2990	2961	2.62	cps
Cadmium	108-1	15078	14347	14164	14530	3.33	cps
Cadmium	106-1	30505	30936	30789	30744	0.71	cps
Cadmium	111-1	207838	204970	205910	206239	0.71	cps
Calcium	43-1	657446	652569	649503	653173	0.61	cps
Calcium	44-1	10360762	10118744	10164419	10214642	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2223978	2228973	2247741	2233564	0.56	cps
Cobalt	59-2	6550378	6582952	6570959	6568096	0.25	cps
Copper	63-2	4458836	4429738	4490443	4459673	0.68	cps
Dysprosium	156-1	178111	176806	176480	177133	0.49	cps
Dysprosium	156-2	129826	129904	130231	129987	0.17	cps
Erbium	164-1	137610	137990	137695	137765	0.14	cps
Erbium	164-2	83514	82277	82193	82662	0.89	cps
Gadolinium	160-1	159165	159132	161879	160059	0.99	cps
Gadolinium	160-2	103290	103579	103428	103433	0.14	cps
Holmium	165-1	36266689	37022310	37156625	36815208	1.30	cps
Holmium	165-2	21939721	21681055	21829803	21816859	0.60	cps
Indium	115-1	30198536	30285346	30230907	30238263	0.15	cps
Indium	115-2	9680260	9524658	9654301	9619740	0.87	cps
Iron	56-2	836103241	830105348	820616948	828941845	0.94	cps
Iron	57-2	20238135	20392196	20553556	20394629	0.77	cps
Iron	54-2	45657236	45138691	45573358	45456428	0.61	cps
Krypton	83-1	673	567	577	606	9.73	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-05	Instrumnet Name :	P7
Client Sample ID :	MYE5F5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:26:45	DataFile Name :	219SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1751073	1783312	1759552	1764646	0.95	cps
Lead	207-1	1533382	1540445	1537194	1537007	0.23	cps
Lead	208-1	6934055	7029612	6955370	6973013	0.72	cps
Lithium	6-1	2611489	2574250	2547118	2577619	1.25	cps
Magnesium	24-2	14906756	14851281	14964846	14907628	0.38	cps
Manganese	55-2	35765101	35671394	35450949	35629148	0.45	cps
Molybdenum	94-1	174553	172531	170864	172649	1.07	cps
Molybdenum	95-1	14214	14200	14364	14259	0.64	cps
Molybdenum	96-1	50845	51179	50801	50942	0.41	cps
Molybdenum	97-1	8369	8202	8503	8358	1.80	cps
Molybdenum	98-1	21459	21573	21596	21543	0.34	cps
Neodymium	150-1	328967	333611	328492	330357	0.86	cps
Neodymium	150-2	170123	169766	170988	170292	0.37	cps
Nickel	60-2	1677890	1700449	1679656	1685998	0.74	cps
Phosphorus	31-2	48550	48132	48573	48418	0.51	cps
Potassium	39-2	8082381	7975391	8112614	8056796	0.89	cps
Rhodium	103-1	28647247	28771957	28767885	28729030	0.25	cps
Rhodium	103-2	16846972	16568007	16737299	16717426	0.84	cps
Scandium	45-1	15970368	15826795	15745401	15847521	0.72	cps
Scandium	45-2	1429351	1404793	1415030	1416391	0.87	cps
Selenium	82-1	33163	32910	33006	33026	0.39	cps
Selenium	77-2	3440	3404	3467	3437	0.93	cps
Selenium	78-2	10807	10674	10944	10808	1.25	cps
Silicon	28-1	82256119	81080304	78938865	80758429	2.08	cps
Silver	107-1	851702	849669	845440	848937	0.38	cps
Silver	109-1	813048	816306	817159	815504	0.27	cps
Sodium	23-2	242480	244776	244452	243903	0.51	cps
Strontium	86-1	577763	581368	577057	578729	0.40	cps
Strontium	88-1	5027031	4902175	4935356	4954854	1.31	cps
Sulfur	34-1	220420	215390	216559	217456	1.21	cps
Terbium	159-1	36941514	37936729	37314816	37397686	1.34	cps
Terbium	159-2	22043166	21765360	22183147	21997224	0.97	cps
Thallium	203-1	679700	681214	688656	683190	0.70	cps
Thallium	205-1	1608258	1623527	1597845	1609876	0.80	cps
Tin	118-1	50264	50628	50398	50430	0.37	cps
Titanium	47-1	2432886	2329219	2353390	2371832	2.29	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-05	Instrumnet Name :	P7
Client Sample ID :	MYE5F5S	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:26:45	DataFile Name :	219SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	74550	74416	74660	74542	0.16	cps
Vanadium	51-2	4169109	4210633	4206970	4195571	0.55	cps
Yttrium	89-1	42598901	42227901	42638208	42488337	0.53	cps
Yttrium	89-2	10451587	10348542	10289969	10363366	0.79	cps
Zinc	66-2	1070453	1055043	1062470	1062656	0.73	cps
Zirconium	90-1	448242	445570	443364	445725	0.55	cps
Zirconium	91-1	100564	100840	100068	100491	0.39	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03MS	Instrumnet Name :	P7
Client Sample ID :	MYE5F5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:29:44	DataFile Name :	220SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22106671	21505027	21569767	21727155	1.52	cps
Antimony	121-1	7479981	7555651	7415661	7483764	0.94	cps
Arsenic	75-2	300322	299271	299838	299810	0.18	cps
Barium	135-1	40048946	40159313	39505761	39904673	0.88	cps
Barium	137-1	68991667	69705239	68561761	69086222	0.84	cps
Beryllium	9-1	280892	282251	271562	278235	2.09	cps
Bismuth	209-1	22309901	21525414	21440605	21758640	2.20	cps
Bismuth	209-2	14083563	14168581	14073553	14108565	0.37	cps
Bromine	81-1	31484	32897	32279	32220	2.20	cps
Bromine	81-2	2854	2954	2837	2881	2.19	cps
Cadmium	108-1	67898	68712	67894	68168	0.69	cps
Cadmium	106-1	105288	105110	103935	104777	0.70	cps
Cadmium	111-1	966272	973751	960043	966688	0.71	cps
Calcium	43-1	658785	645352	641058	648398	1.43	cps
Calcium	44-1	10617132	10547459	10431496	10532029	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6969946	6813697	6946092	6909912	1.22	cps
Cobalt	59-2	28593159	28182971	28045897	28274009	1.01	cps
Copper	63-2	11477328	11253813	11324363	11351835	1.01	cps
Dysprosium	156-1	176754	175398	175373	175842	0.45	cps
Dysprosium	156-2	127348	129353	129010	128570	0.83	cps
Erbium	164-1	138903	136707	137060	137557	0.86	cps
Erbium	164-2	81875	81683	81274	81611	0.38	cps
Gadolinium	160-1	161598	161496	161359	161484	0.07	cps
Gadolinium	160-2	101793	101931	100991	101572	0.50	cps
Holmium	165-1	38836268	37040402	36947011	37607894	2.83	cps
Holmium	165-2	21769583	21677681	21448028	21631764	0.77	cps
Indium	115-1	32200189	30982142	30615011	31265781	2.65	cps
Indium	115-2	9638480	9538340	9548503	9575108	0.58	cps
Iron	56-2	832770628	837763081	832567348	834367019	0.35	cps
Iron	57-2	20617989	20329648	20368980	20438872	0.77	cps
Iron	54-2	46030278	45693354	45077198	45600277	1.06	cps
Krypton	83-1	617	583	663	621	6.47	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03MS	Instrumnet Name :	P7
Client Sample ID :	MYE5F5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:29:44	DataFile Name :	220SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2593371	2632570	2602978	2609640	0.78	cps
Lead	207-1	2269320	2288996	2264447	2274255	0.57	cps
Lead	208-1	10402183	10490239	10362736	10418386	0.63	cps
Lithium	6-1	2587171	2522335	2456883	2522130	2.58	cps
Magnesium	24-2	14760919	14490977	14455426	14569107	1.15	cps
Manganese	55-2	43398341	43156223	43370208	43308257	0.31	cps
Molybdenum	94-1	175403	174435	174354	174731	0.33	cps
Molybdenum	95-1	14364	14567	14858	14596	1.70	cps
Molybdenum	96-1	52367	52173	51781	52107	0.57	cps
Molybdenum	97-1	8543	8676	8306	8508	2.20	cps
Molybdenum	98-1	22113	22791	21957	22287	1.99	cps
Neodymium	150-1	328251	332816	328955	330007	0.74	cps
Neodymium	150-2	167350	169165	169340	168619	0.65	cps
Nickel	60-2	6784059	6691763	6580466	6685429	1.52	cps
Phosphorus	31-2	47517	47019	46631	47055	0.94	cps
Potassium	39-2	7879535	7944753	7983907	7936065	0.66	cps
Rhodium	103-1	30374498	29441090	28781079	29532222	2.71	cps
Rhodium	103-2	16684084	16571270	16650836	16635397	0.35	cps
Scandium	45-1	16518498	15932306	15601449	16017418	2.90	cps
Scandium	45-2	1417246	1401471	1429816	1416178	1.00	cps
Selenium	82-1	137255	136772	135286	136438	0.75	cps
Selenium	77-2	12932	13219	13133	13095	1.12	cps
Selenium	78-2	42207	41836	42040	42027	0.44	cps
Silicon	28-1	81324729	81244995	79236415	80602047	1.47	cps
Silver	107-1	4116698	4129006	4079055	4108253	0.63	cps
Silver	109-1	3957769	3979428	3936203	3957800	0.55	cps
Sodium	23-2	241106	241759	243306	242057	0.47	cps
Strontium	86-1	579507	575345	574968	576607	0.44	cps
Strontium	88-1	5024750	4981605	4988298	4998217	0.46	cps
Sulfur	34-1	217110	216582	211844	215179	1.35	cps
Terbium	159-1	39020933	37957893	37706466	38228431	1.83	cps
Terbium	159-2	21879861	21798820	21624156	21767612	0.60	cps
Thallium	203-1	3233895	3267129	3304797	3268607	1.09	cps
Thallium	205-1	7785202	7909444	7792494	7829046	0.89	cps
Tin	118-1	50013	50180	50150	50115	0.18	cps
Titanium	47-1	2352058	2363024	2348842	2354641	0.32	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03MS	Instrumnet Name :	P7
Client Sample ID :	MYE5F5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:29:44	DataFile Name :	220SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	74151	74999	74848	74666	0.61	cps
Vanadium	51-2	14249348	14149070	14000469	14132962	0.89	cps
Yttrium	89-1	44295614	42521174	42426314	43081034	2.44	cps
Yttrium	89-2	10296588	10261750	10266494	10274944	0.18	cps
Zinc	66-2	3287581	3234507	3208666	3243585	1.24	cps
Zirconium	90-1	447629	459199	451406	452745	1.30	cps
Zirconium	91-1	101293	100686	101565	101181	0.45	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-06	Instrumnet Name :	P7
Client Sample ID :	MYE5F6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:32:36	DataFile Name :	221SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40961104	40772345	40422813	40718754	0.67	cps
Antimony	121-1	34204	35250	35557	35004	2.03	cps
Arsenic	75-2	284924	283352	280906	283061	0.72	cps
Barium	135-1	2784939	2865456	2820057	2823484	1.43	cps
Barium	137-1	4842919	4943354	4852224	4879499	1.14	cps
Beryllium	9-1	2750	2645	2367	2587	7.65	cps
Bismuth	209-1	20658678	20355718	20519986	20511461	0.74	cps
Bismuth	209-2	13547987	13425196	13356080	13443088	0.72	cps
Bromine	81-1	32385	32977	33214	32859	1.30	cps
Bromine	81-2	3217	3194	3200	3204	0.38	cps
Cadmium	108-1	1107	1243	1193	1181	5.85	cps
Cadmium	106-1	11902	11855	11768	11842	0.57	cps
Cadmium	111-1	9353	9453	9281	9362	0.92	cps
Calcium	43-1	1138646	1143936	1131444	1138009	0.55	cps
Calcium	44-1	17673739	17328222	17423657	17475206	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3113808	3105816	3107708	3109111	0.13	cps
Cobalt	59-2	2422674	2395738	2357586	2391999	1.37	cps
Copper	63-2	5046025	5009156	5031041	5028741	0.37	cps
Dysprosium	156-1	154483	154306	156576	155121	0.81	cps
Dysprosium	156-2	112586	111374	111249	111736	0.66	cps
Erbium	164-1	146971	146226	147402	146866	0.40	cps
Erbium	164-2	87240	86952	85540	86577	1.05	cps
Gadolinium	160-1	150991	153909	151958	152286	0.98	cps
Gadolinium	160-2	96395	96500	96647	96514	0.13	cps
Holmium	165-1	36476882	36230395	36301479	36336252	0.35	cps
Holmium	165-2	21426640	21138427	21254444	21273170	0.68	cps
Indium	115-1	30232256	29856900	29903142	29997433	0.68	cps
Indium	115-2	9388168	9253873	9302159	9314733	0.73	cps
Iron	56-2	1598736616	1563471337	1591159443	1584455799	1.17	cps
Iron	57-2	39561715	39148008	38941400	39217041	0.81	cps
Iron	54-2	86969659	86838952	87640982	87149864	0.49	cps
Krypton	83-1	630	770	640	680	11.49	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-06	Instrumnet Name :	P7
Client Sample ID :	MYE5F6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:32:36	DataFile Name :	221SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	850973	853097	865254	856441	0.90	cps
Lead	207-1	744422	747491	756655	749523	0.85	cps
Lead	208-1	3403618	3411016	3458346	3424327	0.87	cps
Lithium	6-1	2496135	2406722	2371506	2424787	2.65	cps
Magnesium	24-2	46744348	47083274	46613994	46813872	0.52	cps
Manganese	55-2	31144323	30594082	31237755	30992053	1.12	cps
Molybdenum	94-1	144417	148218	148955	147197	1.65	cps
Molybdenum	95-1	16356	16433	16446	16412	0.30	cps
Molybdenum	96-1	57368	58269	57794	57810	0.78	cps
Molybdenum	97-1	10581	10437	10450	10489	0.76	cps
Molybdenum	98-1	25572	25663	25229	25488	0.90	cps
Neodymium	150-1	261850	264010	264575	263478	0.55	cps
Neodymium	150-2	135972	135054	136332	135786	0.49	cps
Nickel	60-2	938463	936753	942997	939404	0.34	cps
Phosphorus	31-2	45026	44705	44953	44895	0.37	cps
Potassium	39-2	4775522	4820615	4863792	4819977	0.92	cps
Rhodium	103-1	28526309	28147881	28015540	28229910	0.94	cps
Rhodium	103-2	16246021	16054184	16048534	16116246	0.70	cps
Scandium	45-1	16713937	16334522	16268306	16438921	1.46	cps
Scandium	45-2	1454245	1437065	1461717	1451009	0.87	cps
Selenium	82-1	1802	1434	1715	1650	11.66	cps
Selenium	77-2	500	590	550	547	8.25	cps
Selenium	78-2	960	907	940	936	2.88	cps
Silicon	28-1	74515296	73273574	73075564	73621478	1.06	cps
Silver	107-1	9807	9396	9003	9402	4.27	cps
Silver	109-1	9480	8789	8666	8978	4.89	cps
Sodium	23-2	375566	374545	379068	376393	0.63	cps
Strontium	86-1	621428	623858	624595	623294	0.27	cps
Strontium	88-1	5348826	5413594	5387694	5383371	0.61	cps
Sulfur	34-1	201726	204111	202902	202913	0.59	cps
Terbium	159-1	37554729	37420269	36969000	37314666	0.82	cps
Terbium	159-2	21797600	21566342	21692749	21685564	0.53	cps
Thallium	203-1	7789	7776	7659	7741	0.92	cps
Thallium	205-1	18459	18499	18446	18468	0.15	cps
Tin	118-1	46144	46063	45940	46049	0.22	cps
Titanium	47-1	3252789	3178973	3204051	3211938	1.17	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-06	Instrumnet Name :	P7
Client Sample ID :	MYE5F6	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:32:36	DataFile Name :	221SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60788	60845	61799	61144	0.93	cps
Vanadium	51-2	3370018	3388041	3430136	3396065	0.91	cps
Yttrium	89-1	42604524	42063398	42155369	42274430	0.68	cps
Yttrium	89-2	10187445	10101616	10188913	10159325	0.49	cps
Zinc	66-2	538138	535410	530580	534709	0.72	cps
Zirconium	90-1	369261	375423	371810	372165	0.83	cps
Zirconium	91-1	82648	82855	81696	82400	0.75	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-07	Instrumnet Name :	P7
Client Sample ID :	MYE5F7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:35:35	DataFile Name :	222SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17443977	17716092	17957756	17705942	1.45	cps
Antimony	121-1	30278	31605	31839	31241	2.69	cps
Arsenic	75-2	147262	147000	149106	147789	0.78	cps
Barium	135-1	3664272	3820995	3751164	3745477	2.10	cps
Barium	137-1	6363424	6452380	6500598	6438800	1.08	cps
Beryllium	9-1	3628	3628	3795	3684	2.61	cps
Bismuth	209-1	21250717	21544666	21146324	21313902	0.97	cps
Bismuth	209-2	14005269	13966995	13826119	13932794	0.68	cps
Bromine	81-1	26460	27683	28020	27388	3.00	cps
Bromine	81-2	2240	2250	2387	2292	3.58	cps
Cadmium	108-1	1320	1487	1500	1436	6.99	cps
Cadmium	106-1	12389	12265	12012	12222	1.57	cps
Cadmium	111-1	18553	18240	18902	18565	1.78	cps
Calcium	43-1	639291	647643	646005	644313	0.69	cps
Calcium	44-1	9864693	9897693	9919322	9893903	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	861434	855875	851199	856170	0.60	cps
Cobalt	59-2	1035934	1029896	1023659	1029830	0.60	cps
Copper	63-2	3634803	3598561	3624331	3619232	0.52	cps
Dysprosium	156-1	182363	187116	185258	184912	1.30	cps
Dysprosium	156-2	136973	135654	137563	136730	0.71	cps
Erbium	164-1	142811	146584	146769	145388	1.54	cps
Erbium	164-2	87807	86713	87284	87268	0.63	cps
Gadolinium	160-1	164922	168950	169603	167825	1.51	cps
Gadolinium	160-2	108584	109026	106317	107976	1.35	cps
Holmium	165-1	36658702	36893462	35869169	36473778	1.47	cps
Holmium	165-2	21548566	21519934	21118677	21395726	1.12	cps
Indium	115-1	30559053	30817449	30159898	30512133	1.09	cps
Indium	115-2	9679891	9431185	9493778	9534952	1.36	cps
Iron	56-2	770883109	768270255	760480069	766544477	0.71	cps
Iron	57-2	19193951	18884587	19014436	19030991	0.82	cps
Iron	54-2	42743583	42554671	42011279	42436511	0.90	cps
Krypton	83-1	607	693	743	681	10.15	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-07	Instrumnet Name :	P7
Client Sample ID :	MYE5F7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:35:35	DataFile Name :	222SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2528261	2628552	2580771	2579195	1.94	cps
Lead	207-1	2272572	2348378	2301355	2307435	1.66	cps
Lead	208-1	10372618	10627635	10470497	10490250	1.23	cps
Lithium	6-1	2557594	2460118	2356539	2458084	4.09	cps
Magnesium	24-2	13505425	13776941	13624845	13635737	1.00	cps
Manganese	55-2	31223641	31093105	31153160	31156635	0.21	cps
Molybdenum	94-1	205519	214014	215163	211565	2.49	cps
Molybdenum	95-1	13863	14474	14267	14201	2.19	cps
Molybdenum	96-1	56338	57583	57947	57289	1.47	cps
Molybdenum	97-1	8556	8312	8496	8455	1.50	cps
Molybdenum	98-1	20628	21352	21286	21089	1.90	cps
Neodymium	150-1	345795	355540	357830	353055	1.81	cps
Neodymium	150-2	184151	181453	182644	182749	0.74	cps
Nickel	60-2	382580	382067	378648	381098	0.56	cps
Phosphorus	31-2	53704	53844	54088	53879	0.36	cps
Potassium	39-2	8615148	8400722	8448812	8488227	1.33	cps
Rhodium	103-1	28726290	28944232	28565803	28745442	0.66	cps
Rhodium	103-2	16605307	16322289	16402944	16443513	0.89	cps
Scandium	45-1	15740903	15617818	15310351	15556357	1.43	cps
Scandium	45-2	1429124	1398906	1403441	1410490	1.16	cps
Selenium	82-1	1759	1750	1569	1693	6.33	cps
Selenium	77-2	687	560	660	636	10.51	cps
Selenium	78-2	1063	1043	990	1032	3.67	cps
Silicon	28-1	88332329	87822322	86229455	87461369	1.25	cps
Silver	107-1	22194	23205	22978	22792	2.33	cps
Silver	109-1	21152	22034	21890	21692	2.18	cps
Sodium	23-2	252940	251305	252444	252230	0.33	cps
Strontium	86-1	593071	610542	608729	604114	1.59	cps
Strontium	88-1	5226184	5337453	5221051	5261563	1.25	cps
Sulfur	34-1	207540	197030	190687	198419	4.29	cps
Terbium	159-1	37339136	38210914	37070151	37540067	1.59	cps
Terbium	159-2	21434396	21528075	21273364	21411945	0.60	cps
Thallium	203-1	19658	20365	20399	20141	2.08	cps
Thallium	205-1	45957	47616	48058	47211	2.35	cps
Tin	118-1	56022	57313	57973	57103	1.74	cps
Titanium	47-1	2540195	2574651	2606529	2573792	1.29	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-07	Instrumnet Name :	P7
Client Sample ID :	MYE5F7	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:35:35	DataFile Name :	222SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77631	80039	79069	78913	1.54	cps
Vanadium	51-2	1527301	1514933	1494094	1512109	1.11	cps
Yttrium	89-1	42488014	42751376	41324249	42187880	1.80	cps
Yttrium	89-2	10442491	10159374	10223620	10275161	1.44	cps
Zinc	66-2	528509	524314	528453	527092	0.46	cps
Zirconium	90-1	538944	558301	553221	550155	1.82	cps
Zirconium	91-1	122305	123773	124929	123669	1.06	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-08	Instrumnet Name :	P7
Client Sample ID :	MYE5F8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:38:36	DataFile Name :	223SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16977097	17253352	16985391	17071947	0.92	cps
Antimony	121-1	48812	48702	49003	48839	0.31	cps
Arsenic	75-2	229943	229450	229328	229574	0.14	cps
Barium	135-1	5950593	5988567	5910335	5949832	0.66	cps
Barium	137-1	10358627	10175814	10201222	10245221	0.97	cps
Beryllium	9-1	3939	3662	3734	3778	3.82	cps
Bismuth	209-1	20625066	21013169	21103888	20914041	1.22	cps
Bismuth	209-2	13863164	13963874	13719624	13848887	0.89	cps
Bromine	81-1	25743	26731	26891	26455	2.35	cps
Bromine	81-2	2160	1997	2107	2088	3.99	cps
Cadmium	108-1	1767	1750	1773	1763	0.68	cps
Cadmium	106-1	12465	12092	12148	12235	1.65	cps
Cadmium	111-1	23977	24373	23843	24064	1.15	cps
Calcium	43-1	327400	327827	325446	326891	0.39	cps
Calcium	44-1	5140678	5044620	5053322	5079540	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1037445	1032333	1025774	1031851	0.57	cps
Cobalt	59-2	1553079	1557230	1534783	1548364	0.77	cps
Copper	63-2	4131248	4114033	4072947	4106076	0.73	cps
Dysprosium	156-1	237543	236541	239816	237967	0.71	cps
Dysprosium	156-2	175451	177814	176363	176543	0.68	cps
Erbium	164-1	169039	170072	170840	169984	0.53	cps
Erbium	164-2	101831	101204	101351	101462	0.32	cps
Gadolinium	160-1	194556	195038	192375	193990	0.73	cps
Gadolinium	160-2	124642	125035	123035	124237	0.85	cps
Holmium	165-1	36418945	36058124	36434616	36303895	0.59	cps
Holmium	165-2	21497326	21702272	21381708	21527102	0.75	cps
Indium	115-1	30337702	30181713	30208734	30242716	0.28	cps
Indium	115-2	9611062	9566303	9359980	9512448	1.41	cps
Iron	56-2	980675585	978907479	975945799	978509621	0.24	cps
Iron	57-2	24096615	24371060	24161049	24209575	0.59	cps
Iron	54-2	54038251	53880428	53269916	53729531	0.76	cps
Krypton	83-1	643	590	613	616	4.34	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-08	Instrumnet Name :	P7
Client Sample ID :	MYE5F8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:38:36	DataFile Name :	223SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1604688	1613454	1605790	1607977	0.30	cps
Lead	207-1	1372072	1401735	1393471	1389093	1.10	cps
Lead	208-1	6286935	6375079	6335276	6332430	0.70	cps
Lithium	6-1	2448171	2368898	2326789	2381286	2.59	cps
Magnesium	24-2	13862462	13998852	13702104	13854473	1.07	cps
Manganese	55-2	66880631	66248709	65817801	66315713	0.81	cps
Molybdenum	94-1	91601	91769	92751	92040	0.68	cps
Molybdenum	95-1	24537	24150	23833	24173	1.46	cps
Molybdenum	96-1	47958	48213	48209	48127	0.30	cps
Molybdenum	97-1	13887	14270	14107	14088	1.37	cps
Molybdenum	98-1	36028	35099	35914	35680	1.42	cps
Neodymium	150-1	385840	387036	389162	387346	0.43	cps
Neodymium	150-2	199680	199218	197718	198872	0.52	cps
Nickel	60-2	539736	544270	544227	542744	0.48	cps
Phosphorus	31-2	42047	41165	41546	41586	1.06	cps
Potassium	39-2	7111164	7071416	6946298	7042959	1.22	cps
Rhodium	103-1	28529995	28131688	28388372	28350018	0.71	cps
Rhodium	103-2	16563515	16502230	16412646	16492797	0.46	cps
Scandium	45-1	15804176	15394113	15312916	15503735	1.70	cps
Scandium	45-2	1411470	1396759	1396242	1401490	0.62	cps
Selenium	82-1	2041	2047	2066	2051	0.63	cps
Selenium	77-2	720	770	693	728	5.35	cps
Selenium	78-2	1173	1137	1233	1181	4.13	cps
Silicon	28-1	80405567	80200982	79777139	80127896	0.40	cps
Silver	107-1	20084	19440	19927	19817	1.70	cps
Silver	109-1	19513	18706	18983	19067	2.15	cps
Sodium	23-2	363042	361444	361145	361877	0.28	cps
Strontium	86-1	428827	428595	428993	428805	0.05	cps
Strontium	88-1	3688588	3740053	3745203	3724615	0.84	cps
Sulfur	34-1	166954	164174	163780	164969	1.05	cps
Terbium	159-1	37747364	36523799	37621615	37297593	1.80	cps
Terbium	159-2	21508603	21829521	21660716	21666280	0.74	cps
Thallium	203-1	14998	15075	15526	15200	1.87	cps
Thallium	205-1	35891	36362	36526	36259	0.91	cps
Tin	118-1	43980	43465	44315	43920	0.97	cps
Titanium	47-1	3124186	3055159	3052042	3077129	1.33	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-08	Instrumnet Name :	P7
Client Sample ID :	MYE5F8	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:38:36	DataFile Name :	223SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	104563	107308	107617	106496	1.58	cps
Vanadium	51-2	1979090	1988760	1981449	1983100	0.25	cps
Yttrium	89-1	42867741	42029734	42607821	42501765	1.01	cps
Yttrium	89-2	10295202	10300451	10221077	10272243	0.43	cps
Zinc	66-2	690096	687365	689666	689042	0.21	cps
Zirconium	90-1	215423	215078	214773	215092	0.15	cps
Zirconium	91-1	49331	48055	48600	48662	1.32	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:41:37	DataFile Name :	224CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25624514	25478789	25617487	25573597	0.32	cps
Antimony	121-1	12719394	12933505	12890388	12847763	0.88	cps
Arsenic	75-2	699104	704304	706097	703168	0.52	cps
Barium	135-1	15114396	15378187	15408035	15300206	1.06	cps
Barium	137-1	26172491	26465928	26621785	26420068	0.86	cps
Beryllium	9-1	923470	928316	943289	931691	1.11	cps
Bismuth	209-1	18354519	18242883	18260615	18286006	0.33	cps
Bismuth	209-2	12627972	12703332	12546681	12625995	0.62	cps
Bromine	81-1	19750	20691	20267	20236	2.33	cps
Bromine	81-2	267	227	227	240	9.62	cps
Cadmium	108-1	248552	253011	254410	251991	1.21	cps
Cadmium	106-1	360580	368206	364682	364490	1.05	cps
Cadmium	111-1	3304250	3334059	3312165	3316825	0.47	cps
Calcium	43-1	14687369	15012035	14996514	14898639	1.23	cps
Calcium	44-1	257366415	260766753	260083355	259405508	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5094566	5199246	5171290	5155034	1.05	cps
Cobalt	59-2	9938282	9955562	9963433	9952426	0.13	cps
Copper	63-2	63336174	63889206	63620147	63615176	0.43	cps
Dysprosium	156-1	607	610	570	596	3.73	cps
Dysprosium	156-2	887	883	967	912	5.17	cps
Erbium	164-1	613	653	737	668	9.42	cps
Erbium	164-2	427	407	423	419	2.56	cps
Gadolinium	160-1	633	553	580	589	6.92	cps
Gadolinium	160-2	1350	1293	1267	1303	3.27	cps
Holmium	165-1	34401564	34337895	34398001	34379153	0.10	cps
Holmium	165-2	20832961	21018216	20982187	20944455	0.47	cps
Indium	115-1	28062303	27546617	27526200	27711707	1.10	cps
Indium	115-2	9227085	9224944	9109070	9187033	0.74	cps
Iron	56-2	1123970063	1127616597	1127031770	1126206143	0.17	cps
Iron	57-2	27814008	28167975	28241240	28074408	0.81	cps
Iron	54-2	61830879	61942774	62028922	61934192	0.16	cps
Krypton	83-1	477	470	480	476	1.07	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:41:37	DataFile Name :	224CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41729489	42291933	41857507	41959643	0.70	cps
Lead	207-1	36437979	36887476	36525459	36616971	0.65	cps
Lead	208-1	167384553	169255307	167831082	168156981	0.58	cps
Lithium	6-1	2464891	2477402	2457824	2466706	0.40	cps
Magnesium	24-2	221117323	225474570	222608377	223066757	0.99	cps
Manganese	55-2	37641828	38132637	38081357	37951941	0.71	cps
Molybdenum	94-1	44514991	45574289	45187903	45092394	1.19	cps
Molybdenum	95-1	64367117	65742257	66057912	65389096	1.37	cps
Molybdenum	96-1	70954806	72130447	71949776	71678343	0.88	cps
Molybdenum	97-1	40734700	40985736	40823896	40848111	0.31	cps
Molybdenum	98-1	104601922	106273528	106644915	105840122	1.03	cps
Neodymium	150-1	807	917	857	860	6.40	cps
Neodymium	150-2	287	197	300	261	21.53	cps
Nickel	60-2	2284015	2242712	2271059	2265929	0.93	cps
Phosphorus	31-2	260725	262628	261639	261664	0.36	cps
Potassium	39-2	131448831	131414795	132471825	131778484	0.46	cps
Rhodium	103-1	25769114	25617717	25594487	25660439	0.37	cps
Rhodium	103-2	15254290	15104490	15086893	15148558	0.61	cps
Scandium	45-1	14524502	14663689	14861987	14683393	1.16	cps
Scandium	45-2	1328262	1356234	1333810	1339435	1.11	cps
Selenium	82-1	199368	202808	203354	201843	1.07	cps
Selenium	77-2	19733	19616	19847	19732	0.58	cps
Selenium	78-2	66040	66894	66270	66401	0.67	cps
Silicon	28-1	7149618	7261380	7371996	7260998	1.53	cps
Silver	107-1	16550661	16811301	16646103	16669355	0.79	cps
Silver	109-1	16053650	16132634	16216052	16134112	0.50	cps
Sodium	23-2	356165741	359000728	355248421	356804964	0.55	cps
Strontium	86-1	4264356	4332446	4356216	4317672	1.10	cps
Strontium	88-1	37044951	37479039	37872347	37465446	1.10	cps
Sulfur	34-1	1049248	1062923	1068312	1060161	0.93	cps
Terbium	159-1	34774776	34928822	35063043	34922214	0.41	cps
Terbium	159-2	21004760	21013152	21071005	21029639	0.17	cps
Thallium	203-1	10359901	10446212	10465765	10423959	0.54	cps
Thallium	205-1	24928402	25239333	25131395	25099710	0.63	cps
Tin	118-1	10432412	10535636	10482208	10483419	0.49	cps
Titanium	47-1	14505949	14560057	14608186	14558064	0.35	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:41:37	DataFile Name :	224CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33553788	34170252	34276045	34000028	1.15	cps
Vanadium	51-2	4541519	4481651	4524508	4515893	0.68	cps
Yttrium	89-1	37829649	37798160	38661232	38096347	1.28	cps
Yttrium	89-2	9855292	9712389	9814978	9794220	0.75	cps
Zinc	66-2	9437030	9518388	9563256	9506225	0.67	cps
Zirconium	90-1	21709831	22141290	21989531	21946884	1.00	cps
Zirconium	91-1	4790926	4889345	4949546	4876606	1.64	cps

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Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:44:20	DataFile Name :	225CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	653	597	543	598	9.20	cps
Antimony	121-1	4581	5781	7299	5887	23.14	cps
Arsenic	75-2	40	40	33	38	10.19	cps
Barium	135-1	1260	653	490	801	50.65	cps
Barium	137-1	1870	1273	807	1317	40.48	cps
Beryllium	9-1	111	128	106	115	10.07	cps
Bismuth	209-1	21999512	21258854	20854352	21370906	2.72	cps
Bismuth	209-2	14781203	14916252	14673064	14790173	0.82	cps
Bromine	81-1	20147	19977	20277	20134	0.75	cps
Bromine	81-2	153	210	243	202	22.50	cps
Cadmium	108-1	63	33	33	43	39.97	cps
Cadmium	106-1	12159	11041	10594	11264	7.15	cps
Cadmium	111-1	1542	1376	1237	1385	11.00	cps
Calcium	43-1	1347	1157	770	1091	26.93	cps
Calcium	44-1	60422	54601	50240	55088	9.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1990	1977	2020	1996	1.11	cps
Cobalt	59-2	570	532	437	513	13.39	cps
Copper	63-2	4007	3727	3587	3774	5.67	cps
Dysprosium	156-1	7	10	17	11	45.82	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Erbium	164-1	207	150	90	149	39.19	cps
Erbium	164-2	63	127	107	99	32.74	cps
Gadolinium	160-1	173	163	143	160	9.55	cps
Gadolinium	160-2	1027	1100	1133	1087	5.02	cps
Holmium	165-1	37535791	36759698	35407463	36567651	2.95	cps
Holmium	165-2	22137442	22270654	21681894	22029997	1.40	cps
Indium	115-1	32552419	31814409	30757544	31708124	2.85	cps
Indium	115-2	10274640	10331912	9870045	10158866	2.48	cps
Iron	56-2	50531	46873	45308	47571	5.63	cps
Iron	57-2	2127	2297	2084	2169	5.20	cps
Iron	54-2	5674	5071	5231	5325	5.87	cps
Krypton	83-1	337	393	470	400	16.73	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:44:20	DataFile Name :	225CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3694	2780	2170	2881	26.61	cps
Lead	207-1	3124	2387	1780	2430	27.69	cps
Lead	208-1	14807	10808	8538	11384	27.88	cps
Lithium	6-1	2974661	2921578	2757134	2884458	3.93	cps
Magnesium	24-2	6141	5791	5198	5710	8.35	cps
Manganese	55-2	1317	1190	1253	1253	5.05	cps
Molybdenum	94-1	4711	3871	3714	4098	13.08	cps
Molybdenum	95-1	4948	3761	3167	3958	22.90	cps
Molybdenum	96-1	5504	4234	3884	4541	18.78	cps
Molybdenum	97-1	3054	2300	2164	2506	19.13	cps
Molybdenum	98-1	7702	5948	5464	6371	18.48	cps
Neodymium	150-1	13	10	3	9	57.30	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	333	310	327	323	3.72	cps
Phosphorus	31-2	250	277	297	274	8.53	cps
Potassium	39-2	96312	96342	94806	95820	0.92	cps
Rhodium	103-1	31713482	30541913	29304499	30519965	3.95	cps
Rhodium	103-2	17525665	17570335	17098076	17398025	1.50	cps
Scandium	45-1	16689636	16544508	15913569	16382571	2.52	cps
Scandium	45-2	1400329	1457719	1371642	1409897	3.11	cps
Selenium	82-1	1602	1556	1446	1535	5.21	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	533	603	647	594	9.62	cps
Silicon	28-1	1263888	1255453	1235246	1251529	1.18	cps
Silver	107-1	1837	1273	957	1356	32.88	cps
Silver	109-1	1653	1233	940	1276	28.11	cps
Sodium	23-2	58785	57580	56296	57554	2.16	cps
Strontium	86-1	1077	1000	950	1009	6.32	cps
Strontium	88-1	2607	1750	1247	1868	36.82	cps
Sulfur	34-1	274758	275533	276598	275630	0.34	cps
Terbium	159-1	38504550	37467608	36654674	37542277	2.47	cps
Terbium	159-2	22525151	22936913	22156709	22539591	1.73	cps
Thallium	203-1	2594	1943	1573	2037	25.36	cps
Thallium	205-1	5718	4748	4011	4825	17.75	cps
Tin	118-1	4407	4044	3837	4096	7.05	cps
Titanium	47-1	1103	857	710	890	22.34	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:44:20	DataFile Name :	225CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2037	1320	987	1448	37.06	cps
Vanadium	51-2	97	117	107	107	9.37	cps
Yttrium	89-1	43722794	42822321	41315412	42620176	2.85	cps
Yttrium	89-2	10201025	10554159	10071799	10275661	2.43	cps
Zinc	66-2	890	923	893	902	2.03	cps
Zirconium	90-1	5011	4687	4681	4793	3.94	cps
Zirconium	91-1	1047	1093	1133	1091	3.98	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-09	Instrumnet Name :	P7
Client Sample ID :	MYE5F9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:47:35	DataFile Name :	226SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25610134	25342077	25144397	25365536	0.92	cps
Antimony	121-1	21773	22845	23192	22603	3.27	cps
Arsenic	75-2	175157	174195	174850	174734	0.28	cps
Barium	135-1	3121305	3160477	3132729	3138171	0.64	cps
Barium	137-1	5334922	5403684	5369653	5369419	0.64	cps
Beryllium	9-1	2973	2789	2389	2717	10.98	cps
Bismuth	209-1	20866236	20607313	20522588	20665379	0.87	cps
Bismuth	209-2	13983686	14054510	13801103	13946433	0.94	cps
Bromine	81-1	33531	35158	35676	34789	3.22	cps
Bromine	81-2	3310	3144	3357	3270	3.43	cps
Cadmium	108-1	737	803	723	754	5.68	cps
Cadmium	106-1	13106	12282	11788	12392	5.37	cps
Cadmium	111-1	7279	7251	7247	7259	0.24	cps
Calcium	43-1	822259	812420	806450	813710	0.98	cps
Calcium	44-1	12624461	12300867	12197920	12374416	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1699653	1673241	1657697	1676864	1.26	cps
Cobalt	59-2	1309292	1300400	1292253	1300648	0.66	cps
Copper	63-2	2334248	2263378	2273536	2290387	1.67	cps
Dysprosium	156-1	155774	158311	156046	156710	0.89	cps
Dysprosium	156-2	114734	113232	112180	113382	1.13	cps
Erbium	164-1	129541	131135	132962	131213	1.30	cps
Erbium	164-2	78275	77788	77309	77791	0.62	cps
Gadolinium	160-1	148545	149923	149148	149205	0.46	cps
Gadolinium	160-2	95828	94774	95858	95487	0.65	cps
Holmium	165-1	37186269	36938509	36129473	36751417	1.50	cps
Holmium	165-2	21673126	21828641	21524872	21675546	0.70	cps
Indium	115-1	31922036	31200660	31122411	31415035	1.40	cps
Indium	115-2	9889586	9743819	9708565	9780657	0.98	cps
Iron	56-2	999110465	987419239	983378705	989969470	0.83	cps
Iron	57-2	24622600	24352202	24311734	24428845	0.69	cps
Iron	54-2	54085868	53974293	53383848	53814669	0.70	cps
Krypton	83-1	550	683	587	607	11.35	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-09	Instrumnet Name :	P7
Client Sample ID :	MYE5F9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:47:35	DataFile Name :	226SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	560562	563233	559046	560947	0.38	cps
Lead	207-1	477365	480386	479583	479111	0.33	cps
Lead	208-1	2208775	2223039	2209190	2213668	0.37	cps
Lithium	6-1	2681823	2558200	2428388	2556137	4.96	cps
Magnesium	24-2	24542505	23992799	23935555	24156953	1.39	cps
Manganese	55-2	24156780	24041910	23957946	24052212	0.41	cps
Molybdenum	94-1	124396	124813	122537	123915	0.98	cps
Molybdenum	95-1	11004	11324	11254	11194	1.50	cps
Molybdenum	96-1	41666	42562	41352	41860	1.50	cps
Molybdenum	97-1	6898	6935	7028	6954	0.96	cps
Molybdenum	98-1	17397	16683	16950	17010	2.12	cps
Neodymium	150-1	291581	297612	294294	294496	1.03	cps
Neodymium	150-2	151942	152398	152303	152214	0.16	cps
Nickel	60-2	558217	556740	552374	555777	0.55	cps
Phosphorus	31-2	33563	33146	33233	33314	0.66	cps
Potassium	39-2	4049923	4031594	3966201	4015906	1.10	cps
Rhodium	103-1	30275511	29428368	29537252	29747044	1.55	cps
Rhodium	103-2	16854990	16892344	16745053	16830795	0.45	cps
Scandium	45-1	17193272	16666331	16532231	16797278	2.08	cps
Scandium	45-2	1482177	1484627	1506582	1491129	0.90	cps
Selenium	82-1	1884	1738	1748	1790	4.54	cps
Selenium	77-2	567	647	663	626	8.26	cps
Selenium	78-2	957	997	963	972	2.20	cps
Silicon	28-1	95833595	95787119	93039802	94886839	1.69	cps
Silver	107-1	8106	7675	7355	7712	4.88	cps
Silver	109-1	7675	6902	6958	7179	6.01	cps
Sodium	23-2	345741	341767	343035	343514	0.59	cps
Strontium	86-1	531116	535995	526260	531124	0.92	cps
Strontium	88-1	4589221	4675041	4595629	4619964	1.03	cps
Sulfur	34-1	258123	237071	221238	238811	7.75	cps
Terbium	159-1	38163109	38127151	37415743	37902001	1.11	cps
Terbium	159-2	22070673	21592442	22000635	21887917	1.18	cps
Thallium	203-1	10114	9413	9550	9692	3.83	cps
Thallium	205-1	24549	22843	22028	23140	5.56	cps
Tin	118-1	43977	43643	44194	43938	0.63	cps
Titanium	47-1	2694612	2693011	2630601	2672741	1.37	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-09	Instrumnet Name :	P7
Client Sample ID :	MYE5F9	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:47:35	DataFile Name :	226SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	63437	64338	64492	64089	0.89	cps
Vanadium	51-2	2153185	2121273	2140144	2138201	0.75	cps
Yttrium	89-1	44283503	44042868	43731518	44019296	0.63	cps
Yttrium	89-2	10669088	10672414	10746621	10696041	0.41	cps
Zinc	66-2	334368	329295	331845	331836	0.76	cps
Zirconium	90-1	319415	321811	318907	320044	0.48	cps
Zirconium	91-1	70726	72052	71506	71428	0.93	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-10	Instrumnet Name :	P7
Client Sample ID :	MYE5G0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:50:39	DataFile Name :	227SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15901098	15499735	15804465	15735099	1.33	cps
Antimony	121-1	53737	54342	53864	53981	0.59	cps
Arsenic	75-2	200644	198117	199792	199518	0.64	cps
Barium	135-1	3594109	3577951	3552874	3574978	0.58	cps
Barium	137-1	6207364	6244453	6169335	6207051	0.61	cps
Beryllium	9-1	3067	2889	2672	2876	6.87	cps
Bismuth	209-1	21100641	20971523	21192818	21088327	0.53	cps
Bismuth	209-2	13764265	14110432	13886078	13920258	1.26	cps
Bromine	81-1	26023	26708	26350	26360	1.30	cps
Bromine	81-2	1883	1643	1707	1745	7.13	cps
Cadmium	108-1	1717	1847	1760	1775	3.73	cps
Cadmium	106-1	12719	12499	12395	12538	1.32	cps
Cadmium	111-1	22923	23261	22629	22938	1.38	cps
Calcium	43-1	359056	357124	353644	356608	0.77	cps
Calcium	44-1	5568330	5472165	5509128	5516541	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	898047	900005	892894	896982	0.41	cps
Cobalt	59-2	1044001	1035746	1040297	1040014	0.40	cps
Copper	63-2	4608805	4588994	4616576	4604791	0.31	cps
Dysprosium	156-1	157508	159383	159117	158669	0.64	cps
Dysprosium	156-2	116676	115436	115785	115966	0.55	cps
Erbium	164-1	126718	126365	127172	126752	0.32	cps
Erbium	164-2	75479	75395	75486	75453	0.07	cps
Gadolinium	160-1	147141	147073	144533	146249	1.02	cps
Gadolinium	160-2	93630	92670	91349	92549	1.24	cps
Holmium	165-1	37228206	36852039	36499622	36859956	0.99	cps
Holmium	165-2	21594147	21416804	21297983	21436311	0.70	cps
Indium	115-1	31064405	31147797	30898939	31037047	0.41	cps
Indium	115-2	9733561	9649487	9726298	9703115	0.48	cps
Iron	56-2	869348867	862967080	859807001	864040983	0.56	cps
Iron	57-2	21554942	21372897	21485295	21471045	0.43	cps
Iron	54-2	47694151	47324113	47394608	47470957	0.41	cps
Krypton	83-1	583	627	593	601	3.78	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-10	Instrumnet Name :	P7
Client Sample ID :	MYE5G0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:50:39	DataFile Name :	227SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2280628	2303846	2229846	2271440	1.67	cps
Lead	207-1	2009333	2044232	2000971	2018179	1.14	cps
Lead	208-1	9173057	9299586	9127888	9200177	0.97	cps
Lithium	6-1	2539434	2441753	2457954	2479714	2.11	cps
Magnesium	24-2	12343442	12199531	12418280	12320418	0.90	cps
Manganese	55-2	39106944	39212233	38913385	39077521	0.39	cps
Molybdenum	94-1	150360	149528	150645	150178	0.39	cps
Molybdenum	95-1	17340	17123	17314	17259	0.69	cps
Molybdenum	96-1	50674	51430	51333	51146	0.80	cps
Molybdenum	97-1	10390	10464	10217	10357	1.22	cps
Molybdenum	98-1	26170	26781	26394	26448	1.17	cps
Neodymium	150-1	293756	295004	291576	293445	0.59	cps
Neodymium	150-2	151642	150689	149894	150742	0.58	cps
Nickel	60-2	366363	362177	365782	364774	0.62	cps
Phosphorus	31-2	40333	41042	40798	40724	0.88	cps
Potassium	39-2	7119897	7132260	7072009	7108055	0.45	cps
Rhodium	103-1	29406541	29304187	28658425	29123051	1.39	cps
Rhodium	103-2	16892624	16872254	16709244	16824707	0.60	cps
Scandium	45-1	16233074	16164925	16130619	16176206	0.32	cps
Scandium	45-2	1448469	1498141	1464250	1470287	1.73	cps
Selenium	82-1	1953	1762	1676	1797	7.88	cps
Selenium	77-2	577	603	580	587	2.48	cps
Selenium	78-2	1060	1147	1160	1122	4.84	cps
Silicon	28-1	88440382	88461859	85888472	87596904	1.69	cps
Silver	107-1	22134	22301	22701	22378	1.30	cps
Silver	109-1	21519	21289	21780	21529	1.14	cps
Sodium	23-2	205678	205394	205560	205544	0.07	cps
Strontium	86-1	422648	421148	418605	420800	0.49	cps
Strontium	88-1	3629372	3668776	3580523	3626224	1.22	cps
Sulfur	34-1	194242	187040	179983	187088	3.81	cps
Terbium	159-1	37492432	37839424	37318651	37550169	0.71	cps
Terbium	159-2	21572181	21725139	21741212	21679511	0.43	cps
Thallium	203-1	12192	12539	12055	12262	2.03	cps
Thallium	205-1	29445	29672	29031	29383	1.11	cps
Tin	118-1	55533	53947	54814	54765	1.45	cps
Titanium	47-1	2729763	2737229	2672864	2713285	1.30	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-10	Instrumnet Name :	P7
Client Sample ID :	MYE5G0	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:50:39	DataFile Name :	227SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	72838	73887	73411	73378	0.72	cps
Vanadium	51-2	1761394	1767628	1732161	1753728	1.08	cps
Yttrium	89-1	43713716	43244333	42637703	43198584	1.25	cps
Yttrium	89-2	10479757	10563728	10524702	10522729	0.40	cps
Zinc	66-2	639611	627882	628968	632154	1.03	cps
Zirconium	90-1	379218	381345	378358	379640	0.40	cps
Zirconium	91-1	83945	85618	84320	84628	1.04	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-11	Instrumnet Name :	P7
Client Sample ID :	MYE5G2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:53:38	DataFile Name :	228SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24803634	24741945	24405866	24650482	0.87	cps
Antimony	121-1	34475	35891	35608	35325	2.12	cps
Arsenic	75-2	249551	247572	245980	247701	0.72	cps
Barium	135-1	5320329	5383914	5342218	5348821	0.60	cps
Barium	137-1	9140532	9312658	9186263	9213151	0.97	cps
Beryllium	9-1	4128	4284	4167	4193	1.93	cps
Bismuth	209-1	21020411	20654516	21226221	20967049	1.38	cps
Bismuth	209-2	13824849	13885058	13863872	13857926	0.22	cps
Bromine	81-1	28177	29770	30291	29413	3.74	cps
Bromine	81-2	2484	2514	2484	2494	0.69	cps
Cadmium	108-1	1750	1607	1763	1707	5.09	cps
Cadmium	106-1	13063	12766	12395	12741	2.62	cps
Cadmium	111-1	20821	20275	20893	20663	1.64	cps
Calcium	43-1	650742	656431	648673	651949	0.62	cps
Calcium	44-1	10016694	10161222	10085672	10087863	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1311094	1301521	1291852	1301489	0.74	cps
Cobalt	59-2	1508106	1495730	1484947	1496261	0.77	cps
Copper	63-2	3899631	3874575	3807458	3860554	1.23	cps
Dysprosium	156-1	234586	237044	237986	236539	0.74	cps
Dysprosium	156-2	172616	173362	171386	172455	0.58	cps
Erbium	164-1	185857	189956	189748	188520	1.22	cps
Erbium	164-2	114149	110496	110869	111838	1.80	cps
Gadolinium	160-1	218377	221540	220164	220027	0.72	cps
Gadolinium	160-2	139975	140288	139356	139873	0.34	cps
Holmium	165-1	37446194	36647146	36578559	36890633	1.31	cps
Holmium	165-2	21370156	21355421	21485507	21403695	0.33	cps
Indium	115-1	31363763	30839717	30668182	30957221	1.17	cps
Indium	115-2	9708815	9592277	9595607	9632233	0.69	cps
Iron	56-2	1234561155	1228789342	1209897209	1224415902	1.05	cps
Iron	57-2	30675115	30278716	30333411	30429081	0.71	cps
Iron	54-2	67457747	68012677	66859994	67443473	0.85	cps
Krypton	83-1	683	723	707	704	2.85	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-11	Instrumnet Name :	P7
Client Sample ID :	MYE5G2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:53:38	DataFile Name :	228SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1860737	1854643	1890532	1868637	1.03	cps
Lead	207-1	1661949	1692524	1684387	1679620	0.94	cps
Lead	208-1	7536320	7557729	7680360	7591470	1.02	cps
Lithium	6-1	2646434	2371495	2411851	2476593	5.99	cps
Magnesium	24-2	18221349	18231668	17891938	18114985	1.07	cps
Manganese	55-2	51371973	51735276	50695506	51267585	1.03	cps
Molybdenum	94-1	198403	200888	201205	200165	0.77	cps
Molybdenum	95-1	18836	18215	18799	18616	1.87	cps
Molybdenum	96-1	63852	63058	63815	63575	0.70	cps
Molybdenum	97-1	10757	10807	10734	10766	0.35	cps
Molybdenum	98-1	26257	26818	26895	26657	1.31	cps
Neodymium	150-1	443497	451042	446298	446946	0.85	cps
Neodymium	150-2	231213	229548	228033	229598	0.69	cps
Nickel	60-2	541169	538991	541988	540716	0.29	cps
Phosphorus	31-2	53510	52423	52078	52670	1.42	cps
Potassium	39-2	10094109	9907419	9764215	9921914	1.67	cps
Rhodium	103-1	29692034	28939689	29129648	29253790	1.34	cps
Rhodium	103-2	16618010	16666066	16619325	16634467	0.16	cps
Scandium	45-1	16569271	16034552	15959788	16187870	2.05	cps
Scandium	45-2	1503562	1447933	1420781	1457425	2.90	cps
Selenium	82-1	1935	1756	1818	1837	4.96	cps
Selenium	77-2	810	773	750	778	3.89	cps
Selenium	78-2	1210	1237	1167	1205	2.93	cps
Silicon	28-1	81107055	81576404	80843680	81175713	0.46	cps
Silver	107-1	19964	20154	20187	20102	0.60	cps
Silver	109-1	19520	19510	19213	19414	0.90	cps
Sodium	23-2	245315	243230	250599	246381	1.54	cps
Strontium	86-1	710550	717634	721721	716635	0.79	cps
Strontium	88-1	6151392	6239746	6207387	6199509	0.72	cps
Sulfur	34-1	190096	188757	187974	188943	0.57	cps
Terbium	159-1	37938813	37459589	37583009	37660470	0.66	cps
Terbium	159-2	21778353	21507984	21607331	21631223	0.63	cps
Thallium	203-1	14905	14758	14965	14876	0.72	cps
Thallium	205-1	34825	35343	35790	35319	1.37	cps
Tin	118-1	56979	57956	59236	58057	1.95	cps
Titanium	47-1	2850687	2932153	2875098	2885979	1.45	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-11	Instrumnet Name :	P7
Client Sample ID :	MYE5G2	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:53:38	DataFile Name :	228SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	94257	95066	95254	94859	0.56	cps
Vanadium	51-2	2540730	2464481	2459016	2488076	1.84	cps
Yttrium	89-1	44571511	43917816	43422673	43970667	1.31	cps
Yttrium	89-2	10642059	10390993	10463210	10498754	1.23	cps
Zinc	66-2	725612	720981	715124	720572	0.73	cps
Zirconium	90-1	505875	522725	514992	514531	1.64	cps
Zirconium	91-1	114224	115147	113998	114456	0.53	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-12	Instrumnet Name :	P7
Client Sample ID :	MYE5G3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:56:41	DataFile Name :	229SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19856923	20008505	19681986	19849138	0.82	cps
Antimony	121-1	61106	62167	62190	61821	1.00	cps
Arsenic	75-2	327678	333699	329066	330147	0.95	cps
Barium	135-1	4441696	4566489	4415459	4474548	1.80	cps
Barium	137-1	7779846	7747694	7795064	7774201	0.31	cps
Beryllium	9-1	3050	2956	3067	3024	1.98	cps
Bismuth	209-1	21643107	22375522	22173626	22064085	1.71	cps
Bismuth	209-2	14049474	14081774	13857941	13996396	0.86	cps
Bromine	81-1	27252	27452	28574	27759	2.57	cps
Bromine	81-2	2310	2230	2360	2300	2.85	cps
Cadmium	108-1	2167	2187	2310	2221	3.50	cps
Cadmium	106-1	13563	13543	13657	13588	0.45	cps
Cadmium	111-1	29300	29636	29844	29593	0.93	cps
Calcium	43-1	473791	474881	474654	474442	0.12	cps
Calcium	44-1	7355052	7354389	7368585	7359342	0.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1043757	1035558	1038620	1039312	0.40	cps
Cobalt	59-2	1205782	1190729	1202411	1199640	0.66	cps
Copper	63-2	5536354	5395429	5457336	5463040	1.29	cps
Dysprosium	156-1	199511	202397	202505	201471	0.84	cps
Dysprosium	156-2	149930	148031	148307	148756	0.69	cps
Erbium	164-1	161081	160670	162102	161284	0.46	cps
Erbium	164-2	97726	99025	97739	98163	0.76	cps
Gadolinium	160-1	184837	187565	188177	186860	0.95	cps
Gadolinium	160-2	122090	123919	122043	122684	0.87	cps
Holmium	165-1	37759438	38935904	38283689	38326344	1.54	cps
Holmium	165-2	21742610	21433903	21264166	21480226	1.13	cps
Indium	115-1	31916394	32289041	31908152	32037862	0.68	cps
Indium	115-2	9802015	9501290	9458926	9587411	1.95	cps
Iron	56-2	1069093104	1047650891	1066348864	1061030953	1.10	cps
Iron	57-2	26271665	26116807	26191160	26193211	0.30	cps
Iron	54-2	58784481	58416292	58153452	58451409	0.54	cps
Krypton	83-1	607	627	647	627	3.19	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-12	Instrumnet Name :	P7
Client Sample ID :	MYE5G3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:56:41	DataFile Name :	229SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2822396	2839003	2879005	2846802	1.02	cps
Lead	207-1	2458237	2520491	2515349	2498026	1.38	cps
Lead	208-1	11412349	11643469	11602419	11552746	1.07	cps
Lithium	6-1	2581262	2605461	2500161	2562295	2.15	cps
Magnesium	24-2	13893355	14242884	13935296	14023845	1.36	cps
Manganese	55-2	44498726	43470576	43423791	43797698	1.39	cps
Molybdenum	94-1	165493	164694	165274	165154	0.25	cps
Molybdenum	95-1	21583	21760	21045	21463	1.73	cps
Molybdenum	96-1	57670	59079	58985	58578	1.34	cps
Molybdenum	97-1	12902	12686	12812	12800	0.85	cps
Molybdenum	98-1	31988	32426	32079	32164	0.72	cps
Neodymium	150-1	372029	376189	378249	375489	0.84	cps
Neodymium	150-2	197117	194976	195291	195794	0.59	cps
Nickel	60-2	450724	446421	444107	447084	0.75	cps
Phosphorus	31-2	46377	45665	46514	46185	0.99	cps
Potassium	39-2	7619151	7289622	7498717	7469163	2.23	cps
Rhodium	103-1	29896908	30421557	30140645	30153036	0.87	cps
Rhodium	103-2	16805496	16505950	16319078	16543508	1.48	cps
Scandium	45-1	16378190	16666892	16489222	16511435	0.88	cps
Scandium	45-2	1452656	1449673	1437146	1446492	0.57	cps
Selenium	82-1	2168	2007	2096	2090	3.85	cps
Selenium	77-2	757	700	717	724	4.02	cps
Selenium	78-2	1207	1117	1097	1140	5.14	cps
Silicon	28-1	65526364	64879642	64790957	65065655	0.62	cps
Silver	107-1	30425	30839	30248	30504	0.99	cps
Silver	109-1	29423	29179	29103	29235	0.57	cps
Sodium	23-2	257877	260953	255166	257999	1.12	cps
Strontium	86-1	501004	501270	500059	500777	0.13	cps
Strontium	88-1	4289787	4371062	4328101	4329650	0.94	cps
Sulfur	34-1	181514	180763	178377	180218	0.91	cps
Terbium	159-1	38509957	39621948	39252267	39128057	1.45	cps
Terbium	159-2	22043954	21905811	21621227	21856997	0.99	cps
Thallium	203-1	13530	13200	13520	13417	1.40	cps
Thallium	205-1	32135	32074	33040	32416	1.67	cps
Tin	118-1	61842	63271	63368	62827	1.36	cps
Titanium	47-1	3078947	3062498	3051348	3064264	0.45	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-12	Instrumnet Name :	P7
Client Sample ID :	MYE5G3	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:56:41	DataFile Name :	229SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	89011	89638	90404	89685	0.78	cps
Vanadium	51-2	2145419	2116247	2130826	2130831	0.68	cps
Yttrium	89-1	44475493	44906566	44150084	44510714	0.85	cps
Yttrium	89-2	10571798	10371658	10429742	10457733	0.98	cps
Zinc	66-2	743557	740397	738457	740804	0.35	cps
Zirconium	90-1	409191	411705	412050	410982	0.38	cps
Zirconium	91-1	91952	91785	92378	92038	0.33	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-13	Instrumnet Name :	P7
Client Sample ID :	MYE506	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:59:41	DataFile Name :	230SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17548481	17236384	17479901	17421589	0.94	cps
Antimony	121-1	83447	83383	82508	83113	0.63	cps
Arsenic	75-2	201995	200087	200573	200885	0.49	cps
Barium	135-1	3152978	3144484	3111835	3136432	0.69	cps
Barium	137-1	5424007	5461428	5438102	5441179	0.35	cps
Beryllium	9-1	2667	2706	2928	2767	5.09	cps
Bismuth	209-1	20801719	21027675	20972711	20934035	0.56	cps
Bismuth	209-2	14335680	14011471	14165146	14170766	1.14	cps
Bromine	81-1	26424	26313	27342	26693	2.12	cps
Bromine	81-2	1870	1973	1770	1871	5.43	cps
Cadmium	108-1	1620	1793	1763	1726	5.37	cps
Cadmium	106-1	13256	12325	12542	12708	3.83	cps
Cadmium	111-1	21728	21340	21681	21583	0.98	cps
Calcium	43-1	513244	508311	502731	508095	1.04	cps
Calcium	44-1	7959483	7862641	7739107	7853743	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	859039	857544	850858	855814	0.51	cps
Cobalt	59-2	1035617	1024848	1025630	1028698	0.58	cps
Copper	63-2	3741333	3761406	3704935	3735891	0.77	cps
Dysprosium	156-1	189048	190740	189484	189757	0.46	cps
Dysprosium	156-2	140141	140336	138828	139768	0.59	cps
Erbium	164-1	144360	142300	143905	143522	0.75	cps
Erbium	164-2	85678	86164	85607	85816	0.35	cps
Gadolinium	160-1	174429	172434	172157	173006	0.72	cps
Gadolinium	160-2	111291	111691	109628	110870	0.99	cps
Holmium	165-1	37196449	36694902	36606601	36832651	0.86	cps
Holmium	165-2	21861257	21996415	21584711	21814128	0.96	cps
Indium	115-1	30813383	30504310	30501505	30606399	0.59	cps
Indium	115-2	9504983	9530747	9493944	9509891	0.20	cps
Iron	56-2	861954760	862919507	879468814	868114360	1.13	cps
Iron	57-2	21587297	21314121	21361044	21420821	0.68	cps
Iron	54-2	47751566	48011744	47288679	47683997	0.77	cps
Krypton	83-1	550	573	593	572	3.79	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-13	Instrumnet Name :	P7
Client Sample ID :	MYE506	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:59:41	DataFile Name :	230SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1982659	1984438	1996297	1987798	0.37	cps
Lead	207-1	1777958	1770354	1773993	1774101	0.21	cps
Lead	208-1	8001063	8055920	8033505	8030163	0.34	cps
Lithium	6-1	2508321	2429189	2451352	2462954	1.66	cps
Magnesium	24-2	15432794	15153001	15138413	15241402	1.09	cps
Manganese	55-2	17459990	17638131	17567385	17555169	0.51	cps
Molybdenum	94-1	206934	204895	206005	205945	0.50	cps
Molybdenum	95-1	16803	17060	16519	16794	1.61	cps
Molybdenum	96-1	61258	59400	60146	60268	1.55	cps
Molybdenum	97-1	10854	10030	10424	10436	3.95	cps
Molybdenum	98-1	26831	26511	26414	26585	0.82	cps
Neodymium	150-1	372981	374155	370441	372526	0.51	cps
Neodymium	150-2	192896	190521	190121	191179	0.78	cps
Nickel	60-2	420649	416545	419938	419044	0.52	cps
Phosphorus	31-2	57742	58608	57983	58111	0.77	cps
Potassium	39-2	7816274	7776499	7747656	7780143	0.44	cps
Rhodium	103-1	29302640	28801013	28839963	28981205	0.96	cps
Rhodium	103-2	16581832	16656030	16608921	16615594	0.23	cps
Scandium	45-1	15766927	15578733	15425055	15590239	1.10	cps
Scandium	45-2	1419184	1433196	1418303	1423561	0.59	cps
Selenium	82-1	1933	1934	1992	1953	1.73	cps
Selenium	77-2	713	647	710	690	5.44	cps
Selenium	78-2	1270	1070	1043	1128	10.99	cps
Silicon	28-1	62378242	61095406	60900669	61458106	1.31	cps
Silver	107-1	22895	23139	22501	22845	1.41	cps
Silver	109-1	21903	21763	21937	21868	0.42	cps
Sodium	23-2	215166	213656	216480	215100	0.66	cps
Strontium	86-1	620090	616426	613722	616746	0.52	cps
Strontium	88-1	5357817	5341999	5317977	5339264	0.38	cps
Sulfur	34-1	196135	196165	195486	195929	0.20	cps
Terbium	159-1	38337321	36996416	37311083	37548273	1.87	cps
Terbium	159-2	22003471	21507382	21863469	21791441	1.17	cps
Thallium	203-1	11432	11382	11095	11303	1.61	cps
Thallium	205-1	27040	26606	26436	26694	1.17	cps
Tin	118-1	64771	65803	65153	65242	0.80	cps
Titanium	47-1	2913706	2866314	2850517	2876845	1.14	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-13	Instrumnet Name :	P7
Client Sample ID :	MYE506	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 10:59:41	DataFile Name :	230SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	85831	85015	85787	85544	0.54	cps
Vanadium	51-2	1706931	1661888	1689844	1686221	1.35	cps
Yttrium	89-1	42989451	42817073	42595856	42800793	0.46	cps
Yttrium	89-2	10258555	10394709	10328034	10327100	0.66	cps
Zinc	66-2	657262	650052	649486	652266	0.66	cps
Zirconium	90-1	529069	528487	525914	527824	0.32	cps
Zirconium	91-1	117156	118389	116810	117452	0.71	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-14	Instrumnet Name :	P7
Client Sample ID :	MYE507	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:02:43	DataFile Name :	231SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15659052	15603695	15309165	15523970	1.21	cps
Antimony	121-1	55222	56356	55446	55675	1.08	cps
Arsenic	75-2	171438	169542	172324	171101	0.83	cps
Barium	135-1	2716950	2700405	2694712	2704022	0.43	cps
Barium	137-1	4678292	4591528	4627162	4632327	0.94	cps
Beryllium	9-1	2506	2689	2767	2654	5.05	cps
Bismuth	209-1	21661316	21015000	21301727	21326015	1.52	cps
Bismuth	209-2	14246709	13919565	14167727	14111334	1.21	cps
Bromine	81-1	25676	26674	27112	26487	2.78	cps
Bromine	81-2	1877	2023	1890	1930	4.20	cps
Cadmium	108-1	1977	1973	2047	1999	2.07	cps
Cadmium	106-1	12746	12495	12179	12473	2.28	cps
Cadmium	111-1	25527	25335	25184	25349	0.68	cps
Calcium	43-1	439862	435942	435664	437156	0.54	cps
Calcium	44-1	6809758	6791469	6754974	6785400	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	774770	780103	764336	773070	1.04	cps
Cobalt	59-2	810044	809923	806973	808980	0.21	cps
Copper	63-2	4916879	4868910	4820506	4868765	0.99	cps
Dysprosium	156-1	165334	164893	167028	165751	0.68	cps
Dysprosium	156-2	121456	118720	120242	120139	1.14	cps
Erbium	164-1	128955	127468	128798	128407	0.64	cps
Erbium	164-2	77400	75734	76166	76433	1.13	cps
Gadolinium	160-1	155061	155341	153800	154734	0.53	cps
Gadolinium	160-2	100014	99658	98701	99458	0.68	cps
Holmium	165-1	37299313	36953984	36619009	36957436	0.92	cps
Holmium	165-2	21751798	21338054	21737006	21608953	1.09	cps
Indium	115-1	30823450	30536714	30570187	30643450	0.51	cps
Indium	115-2	9513634	9583358	9487582	9528191	0.52	cps
Iron	56-2	682265110	690647856	679763403	684225456	0.83	cps
Iron	57-2	17143488	16989811	16954512	17029270	0.59	cps
Iron	54-2	37819794	37343624	37307220	37490212	0.76	cps
Krypton	83-1	553	650	613	606	8.06	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-14	Instrumnet Name :	P7
Client Sample ID :	MYE507	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:02:43	DataFile Name :	231SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2432225	2461986	2453162	2449125	0.62	cps
Lead	207-1	2121551	2186775	2143758	2150695	1.54	cps
Lead	208-1	9842704	9886511	9850525	9859913	0.24	cps
Lithium	6-1	2556350	2422468	2484090	2487636	2.69	cps
Magnesium	24-2	12013914	11851642	11755346	11873634	1.10	cps
Manganese	55-2	15080556	14963426	14920215	14988066	0.55	cps
Molybdenum	94-1	158019	159289	157190	158166	0.67	cps
Molybdenum	95-1	14267	13930	13760	13986	1.85	cps
Molybdenum	96-1	47443	47427	47283	47384	0.19	cps
Molybdenum	97-1	8609	8576	8873	8686	1.87	cps
Molybdenum	98-1	21843	22634	21910	22129	1.98	cps
Neodymium	150-1	319522	321416	323122	321353	0.56	cps
Neodymium	150-2	165355	162404	162636	163465	1.00	cps
Nickel	60-2	322938	320139	319967	321015	0.52	cps
Phosphorus	31-2	40457	40938	40437	40610	0.70	cps
Potassium	39-2	6810829	6843087	6730103	6794673	0.86	cps
Rhodium	103-1	29213390	28815995	28528100	28852495	1.19	cps
Rhodium	103-2	16418576	16683769	16406329	16502891	0.95	cps
Scandium	45-1	15643912	15332563	15298565	15425013	1.23	cps
Scandium	45-2	1397824	1387775	1389587	1391729	0.38	cps
Selenium	82-1	1797	1797	1737	1777	1.94	cps
Selenium	77-2	660	610	647	639	4.05	cps
Selenium	78-2	1030	1077	1070	1059	2.38	cps
Silicon	28-1	70605931	71274554	69897472	70592652	0.98	cps
Silver	107-1	32560	32182	31417	32053	1.82	cps
Silver	109-1	30632	30432	30562	30542	0.33	cps
Sodium	23-2	219227	219019	217768	218671	0.36	cps
Strontium	86-1	436211	434766	429492	433490	0.82	cps
Strontium	88-1	3746512	3760989	3752215	3753238	0.19	cps
Sulfur	34-1	184415	180371	179302	181363	1.49	cps
Terbium	159-1	37594480	37615570	37251374	37487141	0.55	cps
Terbium	159-2	21764383	21385914	21690571	21613622	0.93	cps
Thallium	203-1	9450	9807	9510	9589	1.99	cps
Thallium	205-1	22232	22308	22619	22386	0.92	cps
Tin	118-1	57845	57474	57394	57571	0.42	cps
Titanium	47-1	2416310	2368535	2365263	2383369	1.20	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-14	Instrumnet Name :	P7
Client Sample ID :	MYE507	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:02:43	DataFile Name :	231SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	71118	72569	72590	72092	1.17	cps
Vanadium	51-2	1307693	1326482	1297834	1310670	1.11	cps
Yttrium	89-1	42514928	41914969	41985098	42138331	0.78	cps
Yttrium	89-2	10129900	10005825	10081515	10072413	0.62	cps
Zinc	66-2	651772	647277	652292	650447	0.42	cps
Zirconium	90-1	407930	409237	404580	407249	0.59	cps
Zirconium	91-1	91808	89863	89973	90548	1.21	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-15	Instrumnet Name :	P7
Client Sample ID :	MYE508	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:05:43	DataFile Name :	232SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15966206	16227631	16060061	16084633	0.82	cps
Antimony	121-1	64132	65428	63730	64430	1.38	cps
Arsenic	75-2	172513	174030	173140	173228	0.44	cps
Barium	135-1	2947429	2970497	2995813	2971246	0.81	cps
Barium	137-1	5166388	5068017	5143984	5126130	1.01	cps
Beryllium	9-1	2695	2506	2339	2513	7.08	cps
Bismuth	209-1	21381895	19695498	20599176	20558857	4.10	cps
Bismuth	209-2	14004623	14051825	14171015	14075821	0.61	cps
Bromine	81-1	25532	25846	26581	25986	2.07	cps
Bromine	81-2	1743	1813	1760	1772	2.06	cps
Cadmium	108-1	1693	1567	1593	1618	4.13	cps
Cadmium	106-1	12909	11832	12025	12255	4.69	cps
Cadmium	111-1	20467	20535	20265	20423	0.69	cps
Calcium	43-1	425949	430462	422435	426282	0.94	cps
Calcium	44-1	6632242	6564350	6530648	6575747	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	794735	791912	794625	793757	0.20	cps
Cobalt	59-2	965890	960679	964663	963744	0.28	cps
Copper	63-2	3400084	3414355	3420558	3411666	0.31	cps
Dysprosium	156-1	177834	177503	176498	177278	0.39	cps
Dysprosium	156-2	128861	128482	130207	129183	0.70	cps
Erbium	164-1	135358	135352	135907	135539	0.24	cps
Erbium	164-2	79431	80064	78660	79385	0.89	cps
Gadolinium	160-1	162750	160192	161384	161442	0.79	cps
Gadolinium	160-2	103428	102219	102676	102775	0.59	cps
Holmium	165-1	36872415	34111484	35701259	35561719	3.90	cps
Holmium	165-2	21701796	21507010	21598092	21602299	0.45	cps
Indium	115-1	30432704	28080127	29328946	29280592	4.02	cps
Indium	115-2	9609083	9404387	9395089	9469520	1.28	cps
Iron	56-2	788282948	786277588	781998175	785519571	0.41	cps
Iron	57-2	19286169	19173618	19308296	19256028	0.38	cps
Iron	54-2	43556051	43303118	42897311	43252160	0.77	cps
Krypton	83-1	513	603	620	579	9.91	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-15	Instrumnet Name :	P7
Client Sample ID :	MYE508	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:05:43	DataFile Name :	232SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1908323	1925104	1888856	1907428	0.95	cps
Lead	207-1	1729875	1740986	1720226	1730362	0.60	cps
Lead	208-1	7749049	7801715	7772594	7774453	0.34	cps
Lithium	6-1	2518732	2324570	2431591	2424964	4.01	cps
Magnesium	24-2	14515897	14665456	14358505	14513286	1.06	cps
Manganese	55-2	15933308	15766652	15735187	15811716	0.67	cps
Molybdenum	94-1	216747	218225	215948	216973	0.53	cps
Molybdenum	95-1	15341	15151	15358	15284	0.75	cps
Molybdenum	96-1	60126	60545	59858	60176	0.57	cps
Molybdenum	97-1	9767	9653	9456	9625	1.63	cps
Molybdenum	98-1	23836	24097	24374	24102	1.12	cps
Neodymium	150-1	346786	348727	344031	346515	0.68	cps
Neodymium	150-2	179207	177817	176926	177983	0.65	cps
Nickel	60-2	387804	386449	387893	387382	0.21	cps
Phosphorus	31-2	50831	50440	49804	50358	1.03	cps
Potassium	39-2	7145379	6989340	7008169	7047629	1.21	cps
Rhodium	103-1	29005375	26751108	27906779	27887754	4.04	cps
Rhodium	103-2	16454473	16217493	16570831	16414266	1.10	cps
Scandium	45-1	15670566	14308000	14834659	14937742	4.60	cps
Scandium	45-2	1407952	1354160	1395767	1385960	2.04	cps
Selenium	82-1	1998	1772	1796	1855	6.68	cps
Selenium	77-2	687	700	677	688	1.70	cps
Selenium	78-2	1070	990	1003	1021	4.20	cps
Silicon	28-1	66830981	66124332	64764081	65906465	1.59	cps
Silver	107-1	20568	20274	20605	20482	0.88	cps
Silver	109-1	20268	19663	19723	19885	1.67	cps
Sodium	23-2	214754	215352	213523	214543	0.43	cps
Strontium	86-1	553279	554160	551241	552893	0.27	cps
Strontium	88-1	4813653	4838799	4756400	4802951	0.88	cps
Sulfur	34-1	187660	185316	186631	186536	0.63	cps
Terbium	159-1	38116424	34990807	36525794	36544342	4.28	cps
Terbium	159-2	21601136	21239904	21747935	21529658	1.21	cps
Thallium	203-1	10824	10588	10811	10741	1.24	cps
Thallium	205-1	25046	25624	25223	25298	1.17	cps
Tin	118-1	59791	59723	60556	60024	0.77	cps
Titanium	47-1	2765608	2755152	2708086	2742948	1.12	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-15	Instrumnet Name :	P7
Client Sample ID :	MYE508	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:05:43	DataFile Name :	232SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	79874	80394	79690	79986	0.46	cps
Vanadium	51-2	1546126	1513635	1516429	1525397	1.18	cps
Yttrium	89-1	42075704	39105186	41050799	40743896	3.70	cps
Yttrium	89-2	10135116	10052498	10126443	10104686	0.45	cps
Zinc	66-2	605854	608037	606709	606867	0.18	cps
Zirconium	90-1	559199	565377	555843	560139	0.86	cps
Zirconium	91-1	124465	124368	123420	124084	0.47	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-16	Instrumnet Name :	P7
Client Sample ID :	MYE509	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:08:45	DataFile Name :	233SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17266221	17056858	17060140	17127740	0.70	cps
Antimony	121-1	97155	98001	95884	97013	1.10	cps
Arsenic	75-2	180729	180310	179373	180137	0.39	cps
Barium	135-1	2603581	2664163	2579942	2615895	1.66	cps
Barium	137-1	4535166	4586314	4517294	4546258	0.79	cps
Beryllium	9-1	2873	2622	2522	2672	6.75	cps
Bismuth	209-1	21189800	20944384	21100475	21078220	0.59	cps
Bismuth	209-2	14287729	14240694	14067809	14198744	0.82	cps
Bromine	81-1	25171	25409	25355	25312	0.49	cps
Bromine	81-2	1673	1503	1630	1602	5.51	cps
Cadmium	108-1	1870	1737	1770	1792	3.87	cps
Cadmium	106-1	13303	12926	12536	12921	2.97	cps
Cadmium	111-1	22740	22860	23100	22900	0.80	cps
Calcium	43-1	533572	530339	526626	530179	0.66	cps
Calcium	44-1	8164489	8098966	8082462	8115306	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	811543	802166	800182	804630	0.75	cps
Cobalt	59-2	927108	920053	922478	923213	0.39	cps
Copper	63-2	4284318	4263095	4254784	4267399	0.36	cps
Dysprosium	156-1	171695	172877	169058	171210	1.14	cps
Dysprosium	156-2	123113	123944	123483	123514	0.34	cps
Erbium	164-1	132471	133558	132017	132682	0.60	cps
Erbium	164-2	78761	77701	78740	78401	0.77	cps
Gadolinium	160-1	160774	162507	160686	161323	0.64	cps
Gadolinium	160-2	103291	103405	102203	102966	0.64	cps
Holmium	165-1	37389522	36745974	36436975	36857490	1.32	cps
Holmium	165-2	21546603	21411791	21346861	21435085	0.48	cps
Indium	115-1	30852758	30234849	30035796	30374468	1.40	cps
Indium	115-2	9454673	9491806	9507763	9484748	0.29	cps
Iron	56-2	847618254	857909294	838603614	848043721	1.14	cps
Iron	57-2	21039474	20838063	20778949	20885495	0.65	cps
Iron	54-2	46723291	46097229	46434259	46418260	0.68	cps
Krypton	83-1	550	530	530	537	2.15	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-16	Instrumnet Name :	P7
Client Sample ID :	MYE509	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:08:45	DataFile Name :	233SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3060635	3045700	3029281	3045205	0.52	cps
Lead	207-1	2685962	2676410	2681127	2681166	0.18	cps
Lead	208-1	12285919	12191559	12323092	12266856	0.55	cps
Lithium	6-1	2538417	2474404	2441299	2484707	1.99	cps
Magnesium	24-2	15075092	14952119	14979108	15002106	0.43	cps
Manganese	55-2	14727743	14695829	14588899	14670824	0.50	cps
Molybdenum	94-1	189374	187153	187950	188159	0.60	cps
Molybdenum	95-1	18976	18782	19520	19093	2.00	cps
Molybdenum	96-1	59959	59032	59269	59420	0.81	cps
Molybdenum	97-1	11528	11875	11491	11631	1.82	cps
Molybdenum	98-1	30565	30388	30251	30402	0.52	cps
Neodymium	150-1	338083	337875	332758	336239	0.90	cps
Neodymium	150-2	173568	172013	172762	172781	0.45	cps
Nickel	60-2	421303	418021	418857	419394	0.41	cps
Phosphorus	31-2	57544	58019	56818	57461	1.05	cps
Potassium	39-2	7577297	7558333	7419935	7518522	1.14	cps
Rhodium	103-1	29264024	28471340	28793399	28842921	1.38	cps
Rhodium	103-2	16384731	16337570	16432945	16385082	0.29	cps
Scandium	45-1	15656356	15331344	15338925	15442208	1.20	cps
Scandium	45-2	1408128	1383686	1378025	1389946	1.15	cps
Selenium	82-1	1896	1954	1959	1936	1.82	cps
Selenium	77-2	627	623	713	654	7.80	cps
Selenium	78-2	1170	1123	1117	1137	2.56	cps
Silicon	28-1	54873016	53542666	53518409	53978030	1.44	cps
Silver	107-1	30115	29390	28595	29366	2.59	cps
Silver	109-1	27700	28404	28228	28111	1.30	cps
Sodium	23-2	234190	235550	232824	234188	0.58	cps
Strontium	86-1	544983	543750	536202	541645	0.88	cps
Strontium	88-1	4712986	4711443	4637868	4687433	0.92	cps
Sulfur	34-1	204408	204719	205283	204803	0.22	cps
Terbium	159-1	37636301	37164864	36907939	37236368	0.99	cps
Terbium	159-2	21659982	21401330	21596573	21552628	0.63	cps
Thallium	203-1	9243	9060	9297	9200	1.35	cps
Thallium	205-1	22158	21714	22332	22068	1.44	cps
Tin	118-1	69219	68582	68093	68631	0.82	cps
Titanium	47-1	2466380	2429472	2400031	2431961	1.37	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-16	Instrumnet Name :	P7
Client Sample ID :	MYE509	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:08:45	DataFile Name :	233SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65617	64224	64123	64655	1.29	cps
Vanadium	51-2	1539542	1536386	1504469	1526799	1.27	cps
Yttrium	89-1	42572674	41568223	41506910	41882602	1.43	cps
Yttrium	89-2	10233548	10080847	10063844	10126080	0.92	cps
Zinc	66-2	776600	775281	775869	775917	0.09	cps
Zirconium	90-1	483043	480479	471277	478266	1.29	cps
Zirconium	91-1	106912	108337	107493	107581	0.67	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-17	Instrumnet Name :	P7
Client Sample ID :	MYE510	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:11:43	DataFile Name :	234SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19643311	19446831	19668409	19586183	0.62	cps
Antimony	121-1	61296	62281	60727	61435	1.28	cps
Arsenic	75-2	202396	202343	199725	201488	0.76	cps
Barium	135-1	3493859	3507383	3480169	3493804	0.39	cps
Barium	137-1	6040249	5998480	6028494	6022408	0.36	cps
Beryllium	9-1	3362	3528	3478	3456	2.48	cps
Bismuth	209-1	20923261	21019328	21036623	20993071	0.29	cps
Bismuth	209-2	13871469	13924539	13888680	13894896	0.19	cps
Bromine	81-1	28040	28180	29122	28447	2.07	cps
Bromine	81-2	2244	2270	2267	2260	0.64	cps
Cadmium	108-1	1717	1603	1810	1710	6.05	cps
Cadmium	106-1	12659	12292	12415	12455	1.50	cps
Cadmium	111-1	22491	22580	22439	22503	0.32	cps
Calcium	43-1	614063	609098	600828	607996	1.10	cps
Calcium	44-1	9619396	9272920	9249469	9380595	2.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	908801	907438	901452	905897	0.43	cps
Cobalt	59-2	1046195	1042158	1045820	1044724	0.21	cps
Copper	63-2	3425105	3395293	3390449	3403616	0.55	cps
Dysprosium	156-1	212083	211500	211922	211835	0.14	cps
Dysprosium	156-2	155140	153956	155317	154804	0.48	cps
Erbium	164-1	166488	164901	165646	165678	0.48	cps
Erbium	164-2	97098	96373	96152	96541	0.51	cps
Gadolinium	160-1	197909	196320	196644	196958	0.43	cps
Gadolinium	160-2	126414	125527	126034	125992	0.35	cps
Holmium	165-1	36428915	36149792	36746524	36441744	0.82	cps
Holmium	165-2	21030111	20995511	20963772	20996465	0.16	cps
Indium	115-1	29852919	29964038	29607104	29808021	0.61	cps
Indium	115-2	9449291	9265294	9269246	9327944	1.13	cps
Iron	56-2	883481400	865514014	888056707	879017374	1.36	cps
Iron	57-2	21937157	21679684	21920045	21845629	0.66	cps
Iron	54-2	48617383	48251329	47798423	48222378	0.85	cps
Krypton	83-1	577	670	687	644	9.20	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-17	Instrumnet Name :	P7
Client Sample ID :	MYE510	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:11:43	DataFile Name :	234SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2171467	2176099	2186416	2177994	0.35	cps
Lead	207-1	1913828	1885336	1889241	1896135	0.81	cps
Lead	208-1	8724805	8696871	8698038	8706571	0.18	cps
Lithium	6-1	2530679	2404092	2400142	2444971	3.04	cps
Magnesium	24-2	15750180	15494371	15723360	15655970	0.90	cps
Manganese	55-2	17892031	17731023	17692718	17771924	0.60	cps
Molybdenum	94-1	215155	216215	214772	215380	0.35	cps
Molybdenum	95-1	17347	17384	17344	17358	0.13	cps
Molybdenum	96-1	63099	64022	62416	63179	1.28	cps
Molybdenum	97-1	11011	10444	10811	10755	2.67	cps
Molybdenum	98-1	27556	27185	26925	27222	1.17	cps
Neodymium	150-1	419192	416630	417133	417652	0.33	cps
Neodymium	150-2	213501	210929	213510	212646	0.70	cps
Nickel	60-2	431952	419821	425518	425764	1.43	cps
Phosphorus	31-2	56005	56095	55483	55861	0.59	cps
Potassium	39-2	8910584	8826295	8644842	8793907	1.54	cps
Rhodium	103-1	28352176	28260767	28124984	28245976	0.40	cps
Rhodium	103-2	16294111	15973670	15995530	16087770	1.11	cps
Scandium	45-1	15573127	15055030	15177652	15268603	1.77	cps
Scandium	45-2	1369368	1393546	1363549	1375488	1.16	cps
Selenium	82-1	1873	1820	1858	1850	1.46	cps
Selenium	77-2	840	847	717	801	9.14	cps
Selenium	78-2	1113	1100	1093	1102	0.92	cps
Silicon	28-1	78864352	77080094	77168892	77704446	1.29	cps
Silver	107-1	23312	23182	23082	23192	0.50	cps
Silver	109-1	21813	21933	21880	21875	0.28	cps
Sodium	23-2	223357	223912	222160	223143	0.40	cps
Strontium	86-1	621638	619011	611883	617511	0.82	cps
Strontium	88-1	5343542	5371254	5254500	5323099	1.15	cps
Sulfur	34-1	218226	214417	211300	214648	1.62	cps
Terbium	159-1	37041163	36581408	36858593	36827054	0.63	cps
Terbium	159-2	21517878	21023762	21280970	21274203	1.16	cps
Thallium	203-1	11909	12079	12179	12055	1.13	cps
Thallium	205-1	29245	29362	28911	29172	0.80	cps
Tin	118-1	68184	68147	67540	67957	0.53	cps
Titanium	47-1	2690461	2601429	2586836	2626242	2.14	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-17	Instrumnet Name :	P7
Client Sample ID :	MYE510	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:11:43	DataFile Name :	234SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	89296	91397	90182	90292	1.17	cps
Vanadium	51-2	1745443	1709347	1706946	1720579	1.25	cps
Yttrium	89-1	41696589	41009211	41092454	41266085	0.91	cps
Yttrium	89-2	10105202	10033082	9869801	10002695	1.21	cps
Zinc	66-2	693232	692860	686782	690958	0.52	cps
Zirconium	90-1	559111	561198	552995	557768	0.76	cps
Zirconium	91-1	124506	123595	123810	123970	0.38	cps

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Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-18	Instrumnet Name :	P7
Client Sample ID :	MYE511	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:14:45	DataFile Name :	235SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19516909	19671064	19322593	19503522	0.90	cps
Antimony	121-1	43693	44137	43017	43616	1.29	cps
Arsenic	75-2	222499	215927	216685	218370	1.65	cps
Barium	135-1	3652093	3627090	3584915	3621366	0.94	cps
Barium	137-1	6301645	6287328	6123088	6237354	1.59	cps
Beryllium	9-1	3145	3167	3295	3202	2.53	cps
Bismuth	209-1	21450366	20998974	20987008	21145450	1.25	cps
Bismuth	209-2	14015800	14170224	14050056	14078693	0.58	cps
Bromine	81-1	24961	25712	25195	25290	1.52	cps
Bromine	81-2	1957	1940	1987	1961	1.21	cps
Cadmium	108-1	1883	1897	1687	1822	6.45	cps
Cadmium	106-1	12442	13083	12349	12624	3.16	cps
Cadmium	111-1	23763	23393	24006	23721	1.30	cps
Calcium	43-1	479727	472859	470920	474502	0.98	cps
Calcium	44-1	7495900	7294475	7263971	7351449	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	928878	921173	913931	921327	0.81	cps
Cobalt	59-2	1172573	1161588	1161823	1165328	0.54	cps
Copper	63-2	4468472	4427874	4439008	4445118	0.47	cps
Dysprosium	156-1	216325	217265	213935	215841	0.80	cps
Dysprosium	156-2	158022	160087	160195	159435	0.77	cps
Erbium	164-1	170329	169636	168580	169515	0.52	cps
Erbium	164-2	100874	100750	99897	100507	0.53	cps
Gadolinium	160-1	200474	200981	201434	200963	0.24	cps
Gadolinium	160-2	127420	128166	127608	127732	0.30	cps
Holmium	165-1	37016419	36164742	36210206	36463789	1.31	cps
Holmium	165-2	21479558	21695734	21136368	21437220	1.32	cps
Indium	115-1	30271963	29971788	29396095	29879948	1.49	cps
Indium	115-2	9210936	9205601	9145479	9187339	0.40	cps
Iron	56-2	867452120	870827960	858247827	865509303	0.75	cps
Iron	57-2	21572024	21241361	21362653	21392013	0.78	cps
Iron	54-2	47981701	47677028	46966963	47541897	1.10	cps
Krypton	83-1	623	637	710	657	7.11	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-18	Instrumnet Name :	P7
Client Sample ID :	MYE511	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:14:45	DataFile Name :	235SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2143166	2143820	2114702	2133896	0.78	cps
Lead	207-1	1888687	1896979	1859174	1881613	1.06	cps
Lead	208-1	8614022	8714922	8616060	8648335	0.67	cps
Lithium	6-1	2511632	2407750	2446060	2455147	2.14	cps
Magnesium	24-2	17174375	17218138	16806953	17066489	1.32	cps
Manganese	55-2	22406440	22128271	22061039	22198583	0.82	cps
Molybdenum	94-1	268435	269504	266214	268051	0.63	cps
Molybdenum	95-1	15398	14647	15091	15046	2.51	cps
Molybdenum	96-1	68151	68348	68486	68329	0.25	cps
Molybdenum	97-1	9246	9000	9066	9104	1.40	cps
Molybdenum	98-1	23175	22698	23052	22975	1.08	cps
Neodymium	150-1	423349	423493	419995	422279	0.47	cps
Neodymium	150-2	216151	215987	212726	214955	0.90	cps
Nickel	60-2	478492	473460	477713	476555	0.57	cps
Phosphorus	31-2	59870	58541	57795	58735	1.79	cps
Potassium	39-2	7930230	7840583	7855443	7875418	0.61	cps
Rhodium	103-1	28639475	27822807	27739260	28067181	1.77	cps
Rhodium	103-2	16244319	16066272	16056359	16122317	0.66	cps
Scandium	45-1	15584507	15345260	14956511	15295426	2.07	cps
Scandium	45-2	1392695	1356907	1375288	1374963	1.30	cps
Selenium	82-1	1858	1801	1617	1759	7.15	cps
Selenium	77-2	733	643	733	703	7.39	cps
Selenium	78-2	1150	1037	1063	1083	5.47	cps
Silicon	28-1	83507410	83178627	82445707	83043915	0.65	cps
Silver	107-1	33803	34565	34417	34262	1.18	cps
Silver	109-1	31902	32506	32627	32345	1.20	cps
Sodium	23-2	232320	233968	230582	232290	0.73	cps
Strontium	86-1	552069	549308	543072	548149	0.84	cps
Strontium	88-1	4829657	4742410	4644377	4738814	1.96	cps
Sulfur	34-1	174558	169451	168494	170834	1.91	cps
Terbium	159-1	37622721	37346064	37103917	37357568	0.69	cps
Terbium	159-2	21557536	21214011	21077708	21283085	1.16	cps
Thallium	203-1	11925	11585	11885	11799	1.58	cps
Thallium	205-1	28213	28774	28413	28466	1.00	cps
Tin	118-1	62830	62839	63573	63081	0.68	cps
Titanium	47-1	2982407	2978369	2934193	2964989	0.90	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-18	Instrumnet Name :	P7
Client Sample ID :	MYE511	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:14:45	DataFile Name :	235SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	99293	98397	98870	98853	0.45	cps
Vanadium	51-2	1828101	1733986	1779370	1780486	2.64	cps
Yttrium	89-1	42807584	41507470	41111994	41809016	2.12	cps
Yttrium	89-2	10132166	10041249	9911062	10028159	1.11	cps
Zinc	66-2	655783	655333	655187	655434	0.05	cps
Zirconium	90-1	705581	700579	691999	699386	0.98	cps
Zirconium	91-1	157120	156868	153901	155963	1.15	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-19	Instrumnet Name :	P7
Client Sample ID :	MYE512	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:17:44	DataFile Name :	236SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19941068	19347473	19397397	19561980	1.68	cps
Antimony	121-1	44275	43800	44024	44033	0.54	cps
Arsenic	75-2	181313	179970	180446	180576	0.38	cps
Barium	135-1	3591364	3554643	3542575	3562861	0.71	cps
Barium	137-1	6204840	6193048	6183246	6193711	0.17	cps
Beryllium	9-1	3211	3095	3189	3165	1.96	cps
Bismuth	209-1	20853332	20637616	21060557	20850502	1.01	cps
Bismuth	209-2	14082481	14197863	13774713	14018352	1.56	cps
Bromine	81-1	24120	24824	25372	24772	2.53	cps
Bromine	81-2	1883	1923	2100	1969	5.86	cps
Cadmium	108-1	1933	1800	1890	1875	3.63	cps
Cadmium	106-1	12832	12252	12452	12512	2.36	cps
Cadmium	111-1	24936	24968	24549	24818	0.94	cps
Calcium	43-1	476124	469166	467485	470925	0.97	cps
Calcium	44-1	7323753	7210588	7275488	7269943	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	956146	941092	945231	947490	0.82	cps
Cobalt	59-2	1136812	1130666	1136383	1134620	0.30	cps
Copper	63-2	4736488	4649525	4753668	4713227	1.18	cps
Dysprosium	156-1	208072	208641	207100	207937	0.37	cps
Dysprosium	156-2	153313	152258	154883	153485	0.86	cps
Erbium	164-1	163829	161471	161306	162202	0.87	cps
Erbium	164-2	95755	96685	96749	96396	0.58	cps
Gadolinium	160-1	192740	191331	190836	191636	0.52	cps
Gadolinium	160-2	122618	121871	122211	122233	0.31	cps
Holmium	165-1	35967804	36087287	36375177	36143423	0.58	cps
Holmium	165-2	21472220	21291274	21155545	21306346	0.75	cps
Indium	115-1	29735653	29474069	29415319	29541680	0.58	cps
Indium	115-2	9174790	9142172	9209851	9175604	0.37	cps
Iron	56-2	880659880	875201934	880765000	878875605	0.36	cps
Iron	57-2	21572821	21667080	21572056	21603986	0.25	cps
Iron	54-2	48920094	47899229	47982441	48267255	1.17	cps
Krypton	83-1	587	527	717	610	15.92	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-19	Instrumnet Name :	P7
Client Sample ID :	MYE512	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:17:44	DataFile Name :	236SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2551153	2566450	2565518	2561040	0.33	cps
Lead	207-1	2269091	2263394	2272051	2268179	0.19	cps
Lead	208-1	10315618	10294282	10315480	10308460	0.12	cps
Lithium	6-1	2447467	2422219	2408940	2426209	0.81	cps
Magnesium	24-2	18867366	18739553	18516588	18707836	0.95	cps
Manganese	55-2	20090291	19950471	19915587	19985450	0.46	cps
Molybdenum	94-1	230163	225960	226498	227540	1.01	cps
Molybdenum	95-1	13286	13416	13440	13381	0.62	cps
Molybdenum	96-1	59658	60561	59658	59959	0.87	cps
Molybdenum	97-1	7675	8249	8112	8012	3.74	cps
Molybdenum	98-1	20755	20384	20474	20538	0.94	cps
Neodymium	150-1	407533	406416	407762	407237	0.18	cps
Neodymium	150-2	210547	209602	207844	209331	0.66	cps
Nickel	60-2	501818	502429	502582	502276	0.08	cps
Phosphorus	31-2	55232	55226	55889	55449	0.69	cps
Potassium	39-2	7233973	7259024	7279688	7257562	0.32	cps
Rhodium	103-1	28047611	27973730	27641919	27887753	0.77	cps
Rhodium	103-2	15882032	16057026	16099064	16012707	0.72	cps
Scandium	45-1	15289456	15252613	15141034	15227701	0.51	cps
Scandium	45-2	1342775	1365975	1348750	1352500	0.89	cps
Selenium	82-1	1758	1883	1614	1752	7.68	cps
Selenium	77-2	763	697	703	721	5.09	cps
Selenium	78-2	1090	1027	1053	1057	3.01	cps
Silicon	28-1	91429745	90065049	89440549	90311781	1.13	cps
Silver	107-1	26187	26037	26561	26262	1.03	cps
Silver	109-1	25292	24628	24768	24896	1.41	cps
Sodium	23-2	214200	216731	213075	214668	0.87	cps
Strontium	86-1	534989	531461	532376	532942	0.34	cps
Strontium	88-1	4690407	4638170	4542351	4623643	1.62	cps
Sulfur	34-1	166904	163460	165758	165374	1.06	cps
Terbium	159-1	37116215	37280305	37173426	37189982	0.22	cps
Terbium	159-2	21595691	21573027	21332156	21500291	0.68	cps
Thallium	203-1	12856	12870	12900	12875	0.17	cps
Thallium	205-1	30027	30608	30638	30424	1.13	cps
Tin	118-1	58622	58210	58759	58530	0.49	cps
Titanium	47-1	2784890	2762803	2712648	2753447	1.34	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-19	Instrumnet Name :	P7
Client Sample ID :	MYE512	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:17:44	DataFile Name :	236SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	92763	93132	93441	93112	0.36	cps
Vanadium	51-2	1784335	1761297	1737552	1761061	1.33	cps
Yttrium	89-1	41270454	41410258	41029084	41236598	0.47	cps
Yttrium	89-2	9960815	9999712	9937666	9966065	0.31	cps
Zinc	66-2	657968	655405	658054	657142	0.23	cps
Zirconium	90-1	599450	595102	586314	593622	1.13	cps
Zirconium	91-1	133389	133601	132330	133107	0.51	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-20	Instrumnet Name :	P7
Client Sample ID :	MYE513	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:20:45	DataFile Name :	237SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18538415	18356601	18458777	18451264	0.49	cps
Antimony	121-1	53834	54780	54456	54357	0.89	cps
Arsenic	75-2	212624	213081	211510	212405	0.38	cps
Barium	135-1	3275560	3243537	3219806	3246301	0.86	cps
Barium	137-1	5500581	5546699	5497560	5514946	0.50	cps
Beryllium	9-1	3295	3545	3073	3304	7.15	cps
Bismuth	209-1	21116563	20979870	20953687	21016707	0.42	cps
Bismuth	209-2	14191099	14134678	14265481	14197086	0.46	cps
Bromine	81-1	24891	25669	24797	25119	1.90	cps
Bromine	81-2	1743	1713	1810	1756	2.82	cps
Cadmium	108-1	2010	1923	1827	1920	4.78	cps
Cadmium	106-1	12599	12606	12379	12528	1.03	cps
Cadmium	111-1	23882	24220	23645	23916	1.21	cps
Calcium	43-1	433191	430227	423250	428889	1.19	cps
Calcium	44-1	6668256	6612095	6565899	6615417	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	955844	963987	957494	959108	0.45	cps
Cobalt	59-2	1095976	1096669	1098184	1096943	0.10	cps
Copper	63-2	4307701	4228962	4260238	4265633	0.93	cps
Dysprosium	156-1	199232	199015	196211	198153	0.85	cps
Dysprosium	156-2	143593	142834	143676	143368	0.32	cps
Erbium	164-1	160585	159421	157561	159189	0.96	cps
Erbium	164-2	94987	92282	94601	93957	1.56	cps
Gadolinium	160-1	182503	182114	182138	182252	0.12	cps
Gadolinium	160-2	118402	116213	115159	116591	1.42	cps
Holmium	165-1	36583958	36438146	36485211	36502438	0.20	cps
Holmium	165-2	21558175	21668340	21643291	21623269	0.27	cps
Indium	115-1	29575317	29766263	29380697	29574092	0.65	cps
Indium	115-2	9186756	9198260	9208694	9197903	0.12	cps
Iron	56-2	971298679	964576732	971057132	968977514	0.39	cps
Iron	57-2	23816753	23756599	23731880	23768410	0.18	cps
Iron	54-2	52724499	53532158	52391746	52882801	1.11	cps
Krypton	83-1	493	623	620	579	12.80	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-20	Instrumnet Name :	P7
Client Sample ID :	MYE513	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:20:45	DataFile Name :	237SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2582557	2575217	2591824	2583199	0.32	cps
Lead	207-1	2289087	2308719	2293102	2296969	0.45	cps
Lead	208-1	10504071	10517908	10412427	10478135	0.55	cps
Lithium	6-1	2529684	2470140	2430552	2476792	2.01	cps
Magnesium	24-2	16194834	16379501	16232715	16269017	0.60	cps
Manganese	55-2	20690829	20885345	20748961	20775045	0.48	cps
Molybdenum	94-1	196033	196605	193595	195411	0.82	cps
Molybdenum	95-1	16573	16700	16753	16675	0.56	cps
Molybdenum	96-1	60421	60066	59032	59840	1.21	cps
Molybdenum	97-1	10257	10080	9947	10095	1.54	cps
Molybdenum	98-1	26023	25489	25619	25710	1.08	cps
Neodymium	150-1	364413	364285	365614	364771	0.20	cps
Neodymium	150-2	186109	187041	185659	186270	0.38	cps
Nickel	60-2	450992	448430	447586	449003	0.40	cps
Phosphorus	31-2	51674	54048	52931	52884	2.25	cps
Potassium	39-2	8162972	8196350	8148368	8169230	0.30	cps
Rhodium	103-1	28168847	27865285	28069421	28034518	0.55	cps
Rhodium	103-2	16087431	16116381	15923771	16042528	0.65	cps
Scandium	45-1	15325192	15056095	15160738	15180675	0.89	cps
Scandium	45-2	1361570	1347555	1333325	1347483	1.05	cps
Selenium	82-1	1945	1748	1735	1809	6.51	cps
Selenium	77-2	680	677	760	706	6.69	cps
Selenium	78-2	973	977	1083	1011	6.19	cps
Silicon	28-1	82690749	81587715	81805632	82028032	0.71	cps
Silver	107-1	23936	22821	23713	23490	2.51	cps
Silver	109-1	23075	22397	22651	22708	1.51	cps
Sodium	23-2	223712	223191	222438	223114	0.29	cps
Strontium	86-1	499109	497076	492648	496277	0.67	cps
Strontium	88-1	4374719	4291095	4261018	4308944	1.37	cps
Sulfur	34-1	181281	179709	177140	179377	1.17	cps
Terbium	159-1	37468639	37162538	37308434	37313203	0.41	cps
Terbium	159-2	21547715	21374948	21777001	21566555	0.94	cps
Thallium	203-1	18272	18376	18449	18366	0.48	cps
Thallium	205-1	44014	43436	43760	43737	0.66	cps
Tin	118-1	58833	59579	59378	59263	0.65	cps
Titanium	47-1	2832750	2836136	2804527	2824471	0.61	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-20	Instrumnet Name :	P7
Client Sample ID :	MYE513	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:20:45	DataFile Name :	237SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	87176	88152	88032	87787	0.61	cps
Vanadium	51-2	1929331	1961322	1901419	1930691	1.55	cps
Yttrium	89-1	41246603	41341985	41202623	41263737	0.17	cps
Yttrium	89-2	10014807	9914159	9916523	9948496	0.58	cps
Zinc	66-2	694533	686897	691504	690978	0.56	cps
Zirconium	90-1	506743	508326	500229	505099	0.85	cps
Zirconium	91-1	112934	112809	112017	112587	0.44	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-21	Instrumnet Name :	P7
Client Sample ID :	MYE514	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:23:46	DataFile Name :	238SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14627134	13230050	17354915	15070700	13.92	cps
Antimony	121-1	55992	54593	55915	55500	1.42	cps
Arsenic	75-2	269178	267495	312821	283164	9.07	cps
Barium	135-1	3445954	3422223	3456217	3441464	0.51	cps
Barium	137-1	5913264	5860606	5950188	5908019	0.76	cps
Beryllium	9-1	3034	2973	2728	2911	5.55	cps
Bismuth	209-1	21296232	20880263	20304478	20826991	2.39	cps
Bismuth	209-2	4186126	3825121	4830590	4280612	11.90	cps
Bromine	81-1	26260	26911	24824	25999	4.11	cps
Bromine	81-2	1933	1850	2067	1950	5.61	cps
Cadmium	108-1	1770	1633	1730	1711	4.11	cps
Cadmium	106-1	12669	12449	12893	12670	1.75	cps
Cadmium	111-1	23816	23840	24332	23996	1.21	cps
Calcium	43-1	478043	477710	505976	487243	3.33	cps
Calcium	44-1	7476014	7279015	7839964	7531664	3.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	636195	606648	755604	666149	11.84	cps
Cobalt	59-2	693102	657100	795823	715342	10.06	cps
Copper	63-2	3261093	3055856	3715285	3344078	10.09	cps
Dysprosium	156-1	188253	188467	187495	188072	0.27	cps
Dysprosium	156-2	58165	54222	66984	59790	10.93	cps
Erbium	164-1	146899	147408	145032	146446	0.85	cps
Erbium	164-2	32548	29832	37665	33348	11.93	cps
Gadolinium	160-1	175987	177529	176329	176615	0.46	cps
Gadolinium	160-2	43628	39730	50268	44542	11.96	cps
Holmium	165-1	36808499	36458654	36437344	36568166	0.57	cps
Holmium	165-2	7856777	7378162	8905509	8046816	9.71	cps
Indium	115-1	29835755	29792765	30824311	30150944	1.94	cps
Indium	115-2	5438729	4917953	5960707	5439130	9.59	cps
Iron	56-2	642065097	613787738	767263669	674372168	12.11	cps
Iron	57-2	16420766	14882781	18449562	16584370	10.79	cps
Iron	54-2	35206958	34151723	42882255	37413645	12.74	cps
Krypton	83-1	617	1160	11486	4421	138.54	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-21	Instrumnet Name :	P7
Client Sample ID :	MYE514	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:23:46	DataFile Name :	238SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2527739	2546301	2463521	2512520	1.73	cps
Lead	207-1	2235228	2221896	2195097	2217407	0.92	cps
Lead	208-1	10272754	10176902	9950429	10133362	1.63	cps
Lithium	6-1	2502304	2503494	2345295	2450364	3.71	cps
Magnesium	24-2	11419572	10402007	13442650	11754743	13.17	cps
Manganese	55-2	19376878	18729445	23810375	20638899	13.40	cps
Molybdenum	94-1	195580	194101	208278	199320	3.91	cps
Molybdenum	95-1	14447	14647	15358	14818	3.23	cps
Molybdenum	96-1	54565	54367	56686	55206	2.33	cps
Molybdenum	97-1	8936	9096	9473	9169	3.01	cps
Molybdenum	98-1	22280	22621	23592	22831	2.98	cps
Neodymium	150-1	368956	369961	373905	370941	0.71	cps
Neodymium	150-2	80709	72811	96045	83188	14.20	cps
Nickel	60-2	284295	271273	337339	297636	11.76	cps
Phosphorus	31-2	83946	82977	98005	88310	9.52	cps
Potassium	39-2	6480058	6001589	7580009	6687219	12.10	cps
Rhodium	103-1	28093825	28250379	28870440	28404882	1.45	cps
Rhodium	103-2	9890134	9292674	11035998	10072935	8.80	cps
Scandium	45-1	15347460	15039503	15990394	15459119	3.14	cps
Scandium	45-2	1146856	1122109	1367463	1212143	11.14	cps
Selenium	82-1	1750	1728	1860	1779	3.97	cps
Selenium	77-2	927	810	1203	980	20.61	cps
Selenium	78-2	1477	1487	1783	1582	11.01	cps
Silicon	28-1	78503352	77441724	80709492	78884856	2.11	cps
Silver	107-1	26584	26548	28064	27065	3.20	cps
Silver	109-1	25753	25826	27236	26272	3.18	cps
Sodium	23-2	328102	309447	346285	327945	5.62	cps
Strontium	86-1	527732	528285	573269	543095	4.81	cps
Strontium	88-1	4591284	4572731	4779382	4647799	2.46	cps
Sulfur	34-1	183882	179477	189386	184248	2.69	cps
Terbium	159-1	36997604	37107068	36925475	37010049	0.25	cps
Terbium	159-2	8274085	7682159	9747216	8567820	12.41	cps
Thallium	203-1	11462	11218	11385	11355	1.10	cps
Thallium	205-1	26853	27100	26419	26791	1.29	cps
Tin	118-1	61243	60633	62033	61303	1.14	cps
Titanium	47-1	2270535	2251465	2397084	2306361	3.43	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-21	Instrumnet Name :	P7
Client Sample ID :	MYE514	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:23:46	DataFile Name :	238SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	79606	79254	77994	78951	1.07	cps
Vanadium	51-2	1280335	1205069	1496820	1327408	11.41	cps
Yttrium	89-1	41030114	41108524	43611339	41916659	3.50	cps
Yttrium	89-2	6822517	6483175	7815896	7040529	9.84	cps
Zinc	66-2	702019	682433	799908	728120	8.64	cps
Zirconium	90-1	508877	505542	532998	515806	2.90	cps
Zirconium	91-1	113766	111913	120299	115326	3.82	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-22	Instrumnet Name :	P7
Client Sample ID :	MYE515	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:26:48	DataFile Name :	239SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17587565	17522158	17423305	17511009	0.47	cps
Antimony	121-1	28555	29023	28662	28747	0.85	cps
Arsenic	75-2	145027	143616	143957	144200	0.51	cps
Barium	135-1	3407648	3448828	3377892	3411456	1.04	cps
Barium	137-1	5774063	5896590	5882494	5851049	1.15	cps
Beryllium	9-1	2661	2311	2817	2597	9.97	cps
Bismuth	209-1	19098193	19925950	20170740	19731628	2.85	cps
Bismuth	209-2	13491171	13677105	13636251	13601509	0.72	cps
Bromine	81-1	39329	41495	43547	41457	5.09	cps
Bromine	81-2	4677	4717	4674	4690	0.51	cps
Cadmium	108-1	703	703	680	696	1.94	cps
Cadmium	106-1	11271	11731	11858	11620	2.66	cps
Cadmium	111-1	7659	7878	7716	7751	1.47	cps
Calcium	43-1	8035193	8152537	7814283	8000671	2.15	cps
Calcium	44-1	132093308	130565307	126937715	129865443	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	760066	761947	752904	758306	0.63	cps
Cobalt	59-2	1151413	1157004	1152110	1153509	0.26	cps
Copper	63-2	1448429	1435733	1435325	1439829	0.52	cps
Dysprosium	156-1	184806	184927	184830	184854	0.03	cps
Dysprosium	156-2	135459	137010	136496	136322	0.58	cps
Erbium	164-1	142886	144493	145018	144132	0.77	cps
Erbium	164-2	86671	86710	87861	87080	0.78	cps
Gadolinium	160-1	165869	169455	172899	169408	2.08	cps
Gadolinium	160-2	109857	110283	109695	109945	0.28	cps
Holmium	165-1	34008830	35365849	35226537	34867072	2.14	cps
Holmium	165-2	21124320	20975000	21011905	21037075	0.37	cps
Indium	115-1	28238487	28806890	29346518	28797298	1.92	cps
Indium	115-2	9173254	9254189	9218157	9215200	0.44	cps
Iron	56-2	646441457	648905857	643958124	646435146	0.38	cps
Iron	57-2	16115681	16149462	15969165	16078103	0.60	cps
Iron	54-2	35437574	35661189	35395540	35498101	0.40	cps
Krypton	83-1	1183	963	920	1022	13.81	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-22	Instrumnet Name :	P7
Client Sample ID :	MYE515	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:26:48	DataFile Name :	239SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	606088	614659	613762	611503	0.77	cps
Lead	207-1	517049	527045	519073	521056	1.01	cps
Lead	208-1	2380313	2412221	2431440	2407991	1.07	cps
Lithium	6-1	2414762	2378108	2377740	2390203	0.89	cps
Magnesium	24-2	14341224	14338504	14285580	14321769	0.22	cps
Manganese	55-2	22282531	22538783	22480373	22433896	0.60	cps
Molybdenum	94-1	169559	171322	169906	170262	0.55	cps
Molybdenum	95-1	16806	15909	16242	16319	2.78	cps
Molybdenum	96-1	51440	52069	51811	51773	0.61	cps
Molybdenum	97-1	9797	10187	9850	9945	2.13	cps
Molybdenum	98-1	25629	25582	25078	25430	1.20	cps
Neodymium	150-1	348342	351855	359067	353088	1.55	cps
Neodymium	150-2	183482	182999	183761	183414	0.21	cps
Nickel	60-2	446712	443719	443080	444504	0.44	cps
Phosphorus	31-2	58508	59143	57564	58405	1.36	cps
Potassium	39-2	6578613	6619684	6498373	6565557	0.94	cps
Rhodium	103-1	26516671	27842580	27361955	27240402	2.46	cps
Rhodium	103-2	15850399	16222545	15917034	15996659	1.24	cps
Scandium	45-1	14940367	15199444	15117098	15085636	0.88	cps
Scandium	45-2	1353947	1359110	1324879	1345979	1.37	cps
Selenium	82-1	1700	1479	1670	1616	7.42	cps
Selenium	77-2	750	663	613	676	10.24	cps
Selenium	78-2	1077	1097	1003	1059	4.64	cps
Silicon	28-1	70239184	70133139	69117577	69829967	0.89	cps
Silver	107-1	7559	7575	7325	7486	1.87	cps
Silver	109-1	7175	6985	6925	7028	1.86	cps
Sodium	23-2	208651	208776	210035	209154	0.37	cps
Strontium	86-1	765223	776966	764016	768735	0.93	cps
Strontium	88-1	6610004	6643604	6579239	6610949	0.49	cps
Sulfur	34-1	264587	264600	263400	264196	0.26	cps
Terbium	159-1	34140001	36523462	35990660	35551374	3.52	cps
Terbium	159-2	21327461	21138020	21252991	21239491	0.45	cps
Thallium	203-1	8276	8329	8183	8263	0.90	cps
Thallium	205-1	19431	19417	19568	19472	0.43	cps
Tin	118-1	44639	45943	45876	45486	1.61	cps
Titanium	47-1	2349777	2236560	2265832	2284056	2.57	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-22	Instrumnet Name :	P7
Client Sample ID :	MYE515	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:26:48	DataFile Name :	239SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61946	63165	64636	63249	2.13	cps
Vanadium	51-2	1274552	1274780	1267791	1272375	0.31	cps
Yttrium	89-1	39531796	40787308	40591312	40303472	1.68	cps
Yttrium	89-2	10002565	10019665	9925913	9982714	0.50	cps
Zinc	66-2	289808	292647	292430	291628	0.54	cps
Zirconium	90-1	433881	434439	440856	436392	0.89	cps
Zirconium	91-1	98192	98883	98699	98592	0.36	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:29:52	DataFile Name :	240SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4943947	4968704	4896202	4936284	0.75	cps
Antimony	121-1	8246	8119	8106	8157	0.95	cps
Arsenic	75-2	40204	39696	40138	40013	0.69	cps
Barium	135-1	999326	990019	991547	993630	0.50	cps
Barium	137-1	1727584	1707569	1696713	1710622	0.92	cps
Beryllium	9-1	944	878	828	883	6.63	cps
Bismuth	209-1	20713538	20805236	20501963	20673579	0.75	cps
Bismuth	209-2	13996465	13972802	13824184	13931150	0.67	cps
Bromine	81-1	23225	22961	23238	23142	0.68	cps
Bromine	81-2	927	807	890	874	7.03	cps
Cadmium	108-1	337	287	393	339	15.75	cps
Cadmium	106-1	10984	10644	10514	10714	2.27	cps
Cadmium	111-1	4577	4630	4393	4533	2.74	cps
Calcium	43-1	171783	170162	169973	170640	0.58	cps
Calcium	44-1	2694480	2650667	2670746	2671964	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	267315	264291	264583	265396	0.63	cps
Cobalt	59-2	260229	258985	258263	259159	0.38	cps
Copper	63-2	725564	716942	711582	718029	0.98	cps
Dysprosium	156-1	45881	45841	45142	45622	0.91	cps
Dysprosium	156-2	33299	33313	33523	33379	0.38	cps
Erbium	164-1	35425	35281	35254	35320	0.26	cps
Erbium	164-2	21173	21126	20886	21061	0.73	cps
Gadolinium	160-1	42040	41685	41902	41876	0.43	cps
Gadolinium	160-2	27016	27260	26445	26907	1.55	cps
Holmium	165-1	35887335	35866978	35476910	35743741	0.65	cps
Holmium	165-2	21317105	21155660	20651405	21041390	1.65	cps
Indium	115-1	30583371	30273271	29952683	30269775	1.04	cps
Indium	115-2	9488460	9530980	9455498	9491646	0.40	cps
Iron	56-2	211924864	211613577	209038724	210859055	0.75	cps
Iron	57-2	5201078	5187768	5188811	5192552	0.14	cps
Iron	54-2	11627387	11579816	11590130	11599111	0.22	cps
Krypton	83-1	410	513	543	489	14.31	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:29:52	DataFile Name :	240SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	399069	395548	397721	397446	0.45	cps
Lead	207-1	348998	346955	340903	345618	1.22	cps
Lead	208-1	1597312	1585613	1581110	1588011	0.53	cps
Lithium	6-1	2476471	2423788	2400618	2433626	1.60	cps
Magnesium	24-2	3763867	3766313	3690643	3740274	1.15	cps
Manganese	55-2	8600476	8520878	8441047	8520800	0.94	cps
Molybdenum	94-1	44772	44594	44982	44783	0.43	cps
Molybdenum	95-1	3701	3754	3510	3655	3.50	cps
Molybdenum	96-1	13356	13576	13410	13447	0.85	cps
Molybdenum	97-1	2244	2280	2054	2192	5.55	cps
Molybdenum	98-1	5551	5644	5528	5574	1.11	cps
Neodymium	150-1	85457	84997	86211	85555	0.72	cps
Neodymium	150-2	43657	43300	43290	43416	0.48	cps
Nickel	60-2	102893	102648	101796	102446	0.56	cps
Phosphorus	31-2	12519	12759	12072	12450	2.80	cps
Potassium	39-2	2147373	2128018	2136224	2137205	0.45	cps
Rhodium	103-1	29106190	28873192	28862665	28947349	0.48	cps
Rhodium	103-2	16556549	16521039	16405733	16494440	0.48	cps
Scandium	45-1	15384849	15257644	15068651	15237048	1.04	cps
Scandium	45-2	1343336	1322997	1333963	1333432	0.76	cps
Selenium	82-1	1569	1513	1438	1507	4.36	cps
Selenium	77-2	133	170	143	149	12.73	cps
Selenium	78-2	603	720	723	682	10.02	cps
Silicon	28-1	21538433	21599453	21261233	21466373	0.84	cps
Silver	107-1	4101	4347	4124	4191	3.25	cps
Silver	109-1	4017	4004	3957	3993	0.79	cps
Sodium	23-2	94501	94870	93216	94196	0.92	cps
Strontium	86-1	151183	150049	148752	149995	0.81	cps
Strontium	88-1	1316948	1307434	1295979	1306787	0.80	cps
Sulfur	34-1	254603	248607	241042	248084	2.74	cps
Terbium	159-1	36907132	36972266	36179748	36686382	1.20	cps
Terbium	159-2	21315988	21096297	21342915	21251733	0.64	cps
Thallium	203-1	2727	2740	2640	2703	2.01	cps
Thallium	205-1	6415	6632	6215	6420	3.25	cps
Tin	118-1	16159	16276	15862	16099	1.33	cps
Titanium	47-1	628643	617307	619756	621902	0.96	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:29:52	DataFile Name :	240SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19060	19641	18733	19145	2.40	cps
Vanadium	51-2	417648	417262	410711	415207	0.94	cps
Yttrium	89-1	40842527	40552784	40313004	40569438	0.65	cps
Yttrium	89-2	9740086	9716465	9801007	9752519	0.45	cps
Zinc	66-2	132474	131271	131597	131781	0.47	cps
Zirconium	90-1	116807	117061	114432	116100	1.25	cps
Zirconium	91-1	25689	25943	25429	25687	1.00	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:33:03	DataFile Name :	241SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4914995	4865439	4833818	4871417	0.84	cps
Antimony	121-1	7605	7449	7445	7500	1.22	cps
Arsenic	75-2	38263	37821	38176	38087	0.61	cps
Barium	135-1	1026695	1014972	1017394	1019687	0.61	cps
Barium	137-1	1775196	1760035	1750110	1761780	0.72	cps
Beryllium	9-1	839	883	872	865	2.67	cps
Bismuth	209-1	20339401	20433616	20305873	20359630	0.33	cps
Bismuth	209-2	13680914	13947349	13993906	13874056	1.22	cps
Bromine	81-1	22173	21693	21823	21896	1.14	cps
Bromine	81-2	850	877	843	857	2.06	cps
Cadmium	108-1	297	353	343	331	9.14	cps
Cadmium	106-1	10581	10114	9543	10079	5.15	cps
Cadmium	111-1	4624	4360	4432	4472	3.05	cps
Calcium	43-1	171184	170985	169215	170461	0.64	cps
Calcium	44-1	2657285	2641142	2618461	2638963	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257106	257499	257006	257204	0.10	cps
Cobalt	59-2	255363	252860	253093	253772	0.54	cps
Copper	63-2	703008	703535	696348	700963	0.57	cps
Dysprosium	156-1	45022	43831	43684	44179	1.66	cps
Dysprosium	156-2	32708	33029	32938	32892	0.50	cps
Erbium	164-1	34903	34640	34222	34588	0.99	cps
Erbium	164-2	20288	20729	20632	20550	1.13	cps
Gadolinium	160-1	40528	40080	39746	40118	0.98	cps
Gadolinium	160-2	26712	26495	26682	26630	0.44	cps
Holmium	165-1	35302044	35398008	35101389	35267147	0.43	cps
Holmium	165-2	20835382	21170453	20894839	20966891	0.85	cps
Indium	115-1	30173545	29938754	29726847	29946382	0.75	cps
Indium	115-2	9475676	9329759	9343835	9383090	0.86	cps
Iron	56-2	204115017	201681504	202712797	202836439	0.60	cps
Iron	57-2	5064958	4966315	5017760	5016344	0.98	cps
Iron	54-2	11151099	11105809	11021925	11092944	0.59	cps
Krypton	83-1	543	517	567	542	4.61	cps

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:33:03	DataFile Name :	241SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	403583	403731	399842	402385	0.55	cps
Lead	207-1	355175	349617	351139	351977	0.82	cps
Lead	208-1	1617529	1610168	1605454	1611050	0.38	cps
Lithium	6-1	2562973	2500399	2517541	2526971	1.28	cps
Magnesium	24-2	3662483	3651174	3725622	3679760	1.09	cps
Manganese	55-2	8627746	8653129	8589890	8623588	0.37	cps
Molybdenum	94-1	44808	45009	44243	44687	0.89	cps
Molybdenum	95-1	3590	3644	3527	3587	1.63	cps
Molybdenum	96-1	12969	13089	13486	13182	2.05	cps
Molybdenum	97-1	2077	2144	2230	2150	3.58	cps
Molybdenum	98-1	5431	5174	5224	5277	2.58	cps
Neodymium	150-1	83971	82540	82965	83159	0.88	cps
Neodymium	150-2	43183	43113	43176	43157	0.09	cps
Nickel	60-2	100547	100340	99367	100085	0.63	cps
Phosphorus	31-2	12649	12075	11985	12236	2.94	cps
Potassium	39-2	2157684	2097555	2097272	2117504	1.64	cps
Rhodium	103-1	28933948	28989727	28738851	28887509	0.46	cps
Rhodium	103-2	16512020	16281497	16083694	16292404	1.32	cps
Scandium	45-1	15410285	15038213	15040469	15162989	1.41	cps
Scandium	45-2	1327356	1316330	1314655	1319447	0.52	cps
Selenium	82-1	1395	1521	1517	1478	4.84	cps
Selenium	77-2	203	177	197	192	7.22	cps
Selenium	78-2	710	607	583	633	10.64	cps
Silicon	28-1	21929846	21711549	21773704	21805033	0.52	cps
Silver	107-1	4417	4314	4124	4285	3.47	cps
Silver	109-1	4097	4147	4037	4094	1.35	cps
Sodium	23-2	93599	91839	92797	92745	0.95	cps
Strontium	86-1	148611	148372	148106	148363	0.17	cps
Strontium	88-1	1301084	1292852	1276019	1289985	0.99	cps
Sulfur	34-1	221860	214156	205877	213964	3.74	cps
Terbium	159-1	35875542	36457780	36287078	36206800	0.83	cps
Terbium	159-2	21270961	20948634	21271431	21163675	0.88	cps
Thallium	203-1	2600	2690	2680	2657	1.86	cps
Thallium	205-1	6532	6572	6478	6527	0.72	cps
Tin	118-1	16560	16770	17180	16837	1.88	cps
Titanium	47-1	611489	600523	600613	604208	1.04	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5D	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:33:03	DataFile Name :	241SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18409	18483	18249	18381	0.65	cps
Vanadium	51-2	402277	401032	397462	400257	0.62	cps
Yttrium	89-1	40163043	40537549	39385552	40028714	1.47	cps
Yttrium	89-2	9771761	9748938	9524916	9681872	1.41	cps
Zinc	66-2	132256	131173	129714	131048	0.97	cps
Zirconium	90-1	117233	115462	115126	115941	0.98	cps
Zirconium	91-1	25546	26390	25703	25880	1.74	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5F5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 11:36:12	DataFile Name :	242SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1006029	1016409	999081	1007173	0.87	cps
Antimony	121-1	1723	1560	1787	1690	6.92	cps
Arsenic	75-2	8102	8139	7969	8070	1.11	cps
Barium	135-1	201815	198183	195963	198653	1.49	cps
Barium	137-1	346138	344223	338653	343005	1.13	cps
Beryllium	9-1	172	211	161	181	14.47	cps
Bismuth	209-1	20444314	20254134	20288391	20328946	0.50	cps
Bismuth	209-2	14251745	13949014	13767533	13989431	1.75	cps
Bromine	81-1	19176	18872	19049	19032	0.80	cps
Bromine	81-2	267	277	303	282	6.72	cps
Cadmium	108-1	93	103	67	88	21.59	cps
Cadmium	106-1	9907	9350	8846	9368	5.66	cps
Cadmium	111-1	1677	1577	1643	1632	3.11	cps
Calcium	43-1	35618	35478	34700	35265	1.40	cps
Calcium	44-1	609155	601832	601047	604011	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54913	54665	54672	54750	0.26	cps
Cobalt	59-2	52570	52049	52800	52473	0.73	cps
Copper	63-2	167368	165874	165089	166110	0.70	cps
Dysprosium	156-1	8886	8880	8806	8857	0.50	cps
Dysprosium	156-2	6918	6542	6542	6667	3.26	cps
Erbium	164-1	6968	7239	6865	7024	2.75	cps
Erbium	164-2	4077	4357	4214	4216	3.32	cps
Gadolinium	160-1	8273	8323	8162	8253	0.99	cps
Gadolinium	160-2	5941	5958	6211	6037	2.51	cps
Holmium	165-1	35238947	35261156	35156060	35218721	0.16	cps
Holmium	165-2	21239194	20800096	20880162	20973151	1.12	cps
Indium	115-1	31006591	30404244	30019294	30476710	1.63	cps
Indium	115-2	9618442	9537767	9558485	9571565	0.44	cps
Iron	56-2	42309340	42068858	41985609	42121269	0.40	cps
Iron	57-2	1093375	1097489	1089134	1093333	0.38	cps
Iron	54-2	2325915	2296402	2294653	2305657	0.76	cps
Krypton	83-1	653	547	653	618	9.97	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5F5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 11:36:12	DataFile Name :	242SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	79628	80084	79256	79656	0.52	cps
Lead	207-1	69845	69869	69714	69809	0.12	cps
Lead	208-1	318573	317924	315710	317402	0.47	cps
Lithium	6-1	2544315	2509197	2553363	2535625	0.92	cps
Magnesium	24-2	753422	754429	751477	753109	0.20	cps
Manganese	55-2	1668480	1714429	1690560	1691156	1.36	cps
Molybdenum	94-1	9580	9643	9326	9517	1.76	cps
Molybdenum	95-1	707	693	847	749	11.34	cps
Molybdenum	96-1	2870	3054	2827	2917	4.13	cps
Molybdenum	97-1	487	463	503	484	4.15	cps
Molybdenum	98-1	1273	1227	1210	1237	2.65	cps
Neodymium	150-1	16940	16870	16600	16803	1.07	cps
Neodymium	150-2	8673	8920	8639	8744	1.75	cps
Nickel	60-2	21255	21359	21749	21454	1.21	cps
Phosphorus	31-2	2670	3014	2620	2768	7.74	cps
Potassium	39-2	518173	519601	515531	517768	0.40	cps
Rhodium	103-1	29607853	29420017	28882963	29303611	1.28	cps
Rhodium	103-2	16867149	16559322	16404031	16610167	1.42	cps
Scandium	45-1	15405562	15283149	15136226	15274979	0.88	cps
Scandium	45-2	1323737	1334290	1307346	1321791	1.03	cps
Selenium	82-1	1418	1529	1552	1500	4.75	cps
Selenium	77-2	23	33	23	27	21.65	cps
Selenium	78-2	550	587	570	569	3.23	cps
Silicon	28-1	5434723	5400753	5321148	5385541	1.08	cps
Silver	107-1	1017	927	1037	993	5.90	cps
Silver	109-1	890	860	843	864	2.74	cps
Sodium	23-2	51128	52315	50981	51475	1.42	cps
Strontium	86-1	31200	30485	31240	30975	1.37	cps
Strontium	88-1	264834	263331	262467	263544	0.45	cps
Sulfur	34-1	188176	188156	188244	188192	0.02	cps
Terbium	159-1	36771519	36061810	36160126	36331152	1.06	cps
Terbium	159-2	21353542	21224281	21152703	21243509	0.48	cps
Thallium	203-1	780	807	660	749	10.43	cps
Thallium	205-1	1870	1783	1817	1823	2.40	cps
Tin	118-1	6505	6862	6745	6704	2.71	cps
Titanium	47-1	128752	127441	126127	127440	1.03	cps

Reviewed By:mohan
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LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5F5L	Dilution Factor :	20
Date & Time Acquired :	2024-11-11 11:36:12	DataFile Name :	242SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3821	3661	3667	3716	2.44	cps
Vanadium	51-2	82685	83006	82484	82725	0.32	cps
Yttrium	89-1	40769393	40251561	39934486	40318480	1.05	cps
Yttrium	89-2	9986083	9796002	9738619	9840235	1.32	cps
Zinc	66-2	27332	27238	27459	27343	0.40	cps
Zirconium	90-1	24681	24624	24751	24685	0.26	cps
Zirconium	91-1	5581	5414	5404	5467	1.82	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:39:27	DataFile Name :	243SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4923070	4933924	4929743	4928912	0.11	cps
Antimony	121-1	388426	387900	385329	387218	0.43	cps
Arsenic	75-2	45205	46054	45269	45510	1.04	cps
Barium	135-1	2756601	2796417	2760913	2771310	0.79	cps
Barium	137-1	4829192	4844927	4781380	4818500	0.69	cps
Beryllium	9-1	15208	15085	14657	14983	1.93	cps
Bismuth	209-1	20617303	20655036	20184102	20485481	1.28	cps
Bismuth	209-2	14386774	14186437	14172389	14248533	0.84	cps
Bromine	81-1	21906	22043	21729	21893	0.72	cps
Bromine	81-2	887	823	843	851	3.80	cps
Cadmium	108-1	3974	3654	3510	3713	6.39	cps
Cadmium	106-1	14918	14571	14501	14663	1.52	cps
Cadmium	111-1	52080	52032	53145	52419	1.20	cps
Calcium	43-1	168076	167945	166485	167502	0.53	cps
Calcium	44-1	2644614	2598201	2541422	2594746	1.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	564167	561741	555647	560518	0.78	cps
Cobalt	59-2	1635869	1652195	1608970	1632345	1.34	cps
Copper	63-2	1133784	1139760	1129743	1134429	0.44	cps
Dysprosium	156-1	43022	42691	42394	42703	0.74	cps
Dysprosium	156-2	31676	31836	31906	31806	0.37	cps
Erbium	164-1	34158	34152	33784	34031	0.63	cps
Erbium	164-2	20502	20963	20165	20543	1.95	cps
Gadolinium	160-1	39512	39469	39188	39390	0.45	cps
Gadolinium	160-2	26535	26432	26231	26399	0.59	cps
Holmium	165-1	36294559	35358220	35372368	35675049	1.50	cps
Holmium	165-2	21735061	21407463	21081886	21408136	1.53	cps
Indium	115-1	30841345	30472429	30168391	30494055	1.11	cps
Indium	115-2	9769564	9687629	9718510	9725234	0.43	cps
Iron	56-2	206306670	204576190	205220890	205367917	0.43	cps
Iron	57-2	5097865	5096531	5005677	5066691	1.04	cps
Iron	54-2	11288213	11183882	11137270	11203122	0.69	cps
Krypton	83-1	813	777	693	761	8.08	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:39:27	DataFile Name :	243SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	437385	432732	433020	434379	0.60	cps
Lead	207-1	378097	377427	373843	376456	0.61	cps
Lead	208-1	1740883	1727217	1724519	1730873	0.51	cps
Lithium	6-1	2641510	2661239	2554088	2618945	2.18	cps
Magnesium	24-2	3646542	3629143	3603612	3626432	0.60	cps
Manganese	55-2	8819971	8759781	8736627	8772126	0.49	cps
Molybdenum	94-1	43043	44016	42017	43025	2.32	cps
Molybdenum	95-1	3887	3597	3580	3688	4.68	cps
Molybdenum	96-1	13543	13039	12866	13149	2.68	cps
Molybdenum	97-1	2180	2114	2224	2172	2.55	cps
Molybdenum	98-1	5561	5691	5184	5479	4.80	cps
Neodymium	150-1	81956	81528	80944	81476	0.62	cps
Neodymium	150-2	42500	43273	42955	42909	0.90	cps
Nickel	60-2	423410	425618	417666	422231	0.97	cps
Phosphorus	31-2	12145	11971	12402	12173	1.78	cps
Potassium	39-2	2089970	2050680	2028694	2056448	1.51	cps
Rhodium	103-1	29319923	29175808	28808521	29101417	0.91	cps
Rhodium	103-2	16817952	16549426	16585394	16650924	0.88	cps
Scandium	45-1	15786392	15513834	15247190	15515805	1.74	cps
Scandium	45-2	1355323	1355346	1335231	1348633	0.86	cps
Selenium	82-1	9220	9165	9321	9235	0.86	cps
Selenium	77-2	833	847	803	828	2.68	cps
Selenium	78-2	2984	3097	3040	3040	1.86	cps
Silicon	28-1	21688311	21397847	21397899	21494686	0.78	cps
Silver	107-1	216402	215452	214176	215343	0.52	cps
Silver	109-1	209339	206018	205914	207090	0.94	cps
Sodium	23-2	83823	84681	84074	84193	0.52	cps
Strontium	86-1	145709	144938	145190	145279	0.27	cps
Strontium	88-1	1274649	1265974	1255344	1265322	0.76	cps
Sulfur	34-1	199639	191176	185329	192048	3.75	cps
Terbium	159-1	36716229	36651372	36735945	36701182	0.12	cps
Terbium	159-2	21540036	21769096	21545256	21618129	0.60	cps
Thallium	203-1	164302	165587	165918	165269	0.52	cps
Thallium	205-1	396225	392795	395047	394689	0.44	cps
Tin	118-1	14884	15315	15248	15149	1.53	cps
Titanium	47-1	613418	609034	605097	609183	0.68	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5S	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:39:27	DataFile Name :	243SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18182	18326	18189	18233	0.44	cps
Vanadium	51-2	1048276	1043013	1035222	1042170	0.63	cps
Yttrium	89-1	41604695	40671764	40732196	41002885	1.27	cps
Yttrium	89-2	10034989	9845642	9797909	9892847	1.27	cps
Zinc	66-2	266181	263795	264782	264919	0.45	cps
Zirconium	90-1	111966	110777	110656	111133	0.65	cps
Zirconium	91-1	25091	24815	24758	24888	0.72	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:42:32	DataFile Name :	244SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5511886	5496020	5479080	5495662	0.30	cps
Antimony	121-1	1882217	1896013	1849066	1875766	1.29	cps
Arsenic	75-2	76392	76713	76191	76432	0.34	cps
Barium	135-1	10114662	10071437	9835836	10007311	1.50	cps
Barium	137-1	17427138	17489931	17146581	17354550	1.05	cps
Beryllium	9-1	72826	72535	69912	71758	2.24	cps
Bismuth	209-1	20579467	20902595	20705651	20729237	0.79	cps
Bismuth	209-2	14520803	14293806	14210329	14341646	1.12	cps
Bromine	81-1	21966	22577	23105	22549	2.53	cps
Bromine	81-2	770	813	763	782	3.47	cps
Cadmium	108-1	17324	17204	17217	17248	0.38	cps
Cadmium	106-1	33585	33348	32984	33306	0.91	cps
Cadmium	111-1	246951	246371	249382	247568	0.65	cps
Calcium	43-1	167459	167934	166310	167235	0.50	cps
Calcium	44-1	2746388	2740752	2720516	2735886	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1776238	1747213	1752247	1758566	0.88	cps
Cobalt	59-2	7129303	7151963	7160961	7147409	0.23	cps
Copper	63-2	2953716	2862781	2919792	2912096	1.58	cps
Dysprosium	156-1	43688	43109	43290	43362	0.68	cps
Dysprosium	156-2	32785	31926	32244	32318	1.34	cps
Erbium	164-1	34031	34663	33761	34152	1.36	cps
Erbium	164-2	20709	20278	20642	20543	1.13	cps
Gadolinium	160-1	39923	39840	39646	39803	0.36	cps
Gadolinium	160-2	26235	26321	26505	26354	0.52	cps
Holmium	165-1	36203764	36196464	36032423	36144217	0.27	cps
Holmium	165-2	21798521	21758546	21654863	21737310	0.34	cps
Indium	115-1	30844408	31051111	30506972	30800830	0.89	cps
Indium	115-2	9960603	9622560	9664850	9749338	1.89	cps
Iron	56-2	211457550	210625870	210197037	210760152	0.30	cps
Iron	57-2	5258489	5164675	5261463	5228209	1.05	cps
Iron	54-2	11739157	11636759	11476201	11617372	1.14	cps
Krypton	83-1	1423	1503	1463	1463	2.73	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:42:32	DataFile Name :	244SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	654716	650508	653210	652811	0.33	cps
Lead	207-1	563403	569753	567555	566904	0.57	cps
Lead	208-1	2602033	2598524	2603320	2601292	0.10	cps
Lithium	6-1	2608881	2579509	2536859	2575083	1.41	cps
Magnesium	24-2	3645735	3640296	3645878	3643970	0.09	cps
Manganese	55-2	11035519	10998127	10821983	10951876	1.04	cps
Molybdenum	94-1	44899	43738	44253	44297	1.31	cps
Molybdenum	95-1	3804	3871	3761	3812	1.45	cps
Molybdenum	96-1	13613	13186	13476	13425	1.62	cps
Molybdenum	97-1	2354	2134	2167	2218	5.35	cps
Molybdenum	98-1	5835	5801	5871	5836	0.60	cps
Neodymium	150-1	83284	82805	82349	82813	0.56	cps
Neodymium	150-2	43283	43025	42330	42879	1.15	cps
Nickel	60-2	1722327	1723939	1744437	1730234	0.71	cps
Phosphorus	31-2	12345	12579	12182	12368	1.61	cps
Potassium	39-2	2079469	2066431	2078565	2074822	0.35	cps
Rhodium	103-1	29703702	29366700	29281989	29450797	0.76	cps
Rhodium	103-2	17023931	16805092	16969050	16932691	0.67	cps
Scandium	45-1	15789616	15879067	15595284	15754655	0.92	cps
Scandium	45-2	1380524	1357294	1340152	1359323	1.49	cps
Selenium	82-1	36013	35756	35297	35688	1.02	cps
Selenium	77-2	3277	3447	3330	3352	2.59	cps
Selenium	78-2	11091	11598	11495	11394	2.35	cps
Silicon	28-1	21723855	21567976	21450535	21580788	0.64	cps
Silver	107-1	1070499	1061135	1065032	1065555	0.44	cps
Silver	109-1	1020787	1015930	1017538	1018085	0.24	cps
Sodium	23-2	85207	84135	83940	84427	0.81	cps
Strontium	86-1	147725	147116	146769	147204	0.33	cps
Strontium	88-1	1278725	1264054	1260471	1267750	0.76	cps
Sulfur	34-1	183244	185437	183393	184025	0.67	cps
Terbium	159-1	37003625	37087260	37081684	37057523	0.13	cps
Terbium	159-2	21965916	21767425	21838383	21857241	0.46	cps
Thallium	203-1	829381	825072	827444	827299	0.26	cps
Thallium	205-1	1887678	1899609	1920324	1902537	0.87	cps
Tin	118-1	16016	16296	15939	16084	1.17	cps
Titanium	47-1	613344	607628	604725	608566	0.72	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4543-03MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5F5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-11 11:42:32	DataFile Name :	244SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17966	18296	18236	18166	0.97	cps
Vanadium	51-2	3588480	3590839	3563044	3580788	0.43	cps
Yttrium	89-1	40887029	41301706	40961579	41050105	0.54	cps
Yttrium	89-2	9957832	9971754	9965657	9965081	0.07	cps
Zinc	66-2	827175	825605	827323	826701	0.12	cps
Zirconium	90-1	114365	114068	114428	114287	0.17	cps
Zirconium	91-1	25105	25636	25379	25373	1.05	cps

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Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06A	Instrumnet Name :	P7
Client Sample ID :	MYE4W5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:45:32	DataFile Name :	245SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22084856	22460466	22258456	22267926	0.84	cps
Antimony	121-1	78794	78486	79173	78818	0.44	cps
Arsenic	75-2	794388	792462	795795	794215	0.21	cps
Barium	135-1	3830465	3875385	3858177	3854676	0.59	cps
Barium	137-1	6725088	6728183	6690412	6714561	0.31	cps
Beryllium	9-1	3017	3050	3034	3034	0.55	cps
Bismuth	209-1	21108030	20747149	20786734	20880638	0.95	cps
Bismuth	209-2	14085104	14030389	14027330	14047607	0.23	cps
Bromine	81-1	25325	25535	25539	25466	0.48	cps
Bromine	81-2	1563	1583	1513	1553	2.32	cps
Cadmium	108-1	2587	2630	2550	2589	1.55	cps
Cadmium	106-1	15281	14344	14067	14564	4.37	cps
Cadmium	111-1	32416	32716	32241	32458	0.74	cps
Calcium	43-1	838727	828830	823197	830252	0.95	cps
Calcium	44-1	13045041	12989837	12612523	12882467	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1086349	1079393	1075435	1080392	0.51	cps
Cobalt	59-2	1344496	1342031	1344161	1343562	0.10	cps
Copper	63-2	21480551	21371877	21285193	21379207	0.46	cps
Dysprosium	156-1	226338	227806	225492	226545	0.52	cps
Dysprosium	156-2	164518	165066	164872	164819	0.17	cps
Erbium	164-1	172280	172579	172359	172406	0.09	cps
Erbium	164-2	103393	102281	103100	102925	0.56	cps
Gadolinium	160-1	204789	205286	206010	205361	0.30	cps
Gadolinium	160-2	130985	131359	130552	130966	0.31	cps
Holmium	165-1	36400511	36209289	36807490	36472430	0.84	cps
Holmium	165-2	21627392	21295886	21497021	21473433	0.78	cps
Indium	115-1	30888588	30376612	29985309	30416836	1.49	cps
Indium	115-2	9513819	9407001	9545085	9488635	0.76	cps
Iron	56-2	1036633371	1043440198	1036556331	1038876633	0.38	cps
Iron	57-2	25439825	25410982	25312784	25387864	0.26	cps
Iron	54-2	55860403	56780537	56564274	56401738	0.85	cps
Krypton	83-1	880	797	680	786	12.79	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06A	Instrumnet Name :	P7
Client Sample ID :	MYE4W5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:45:32	DataFile Name :	245SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9437650	9499314	9253660	9396875	1.36	cps
Lead	207-1	8272735	8279220	8288203	8280053	0.09	cps
Lead	208-1	38062433	38003849	38109485	38058589	0.14	cps
Lithium	6-1	2588199	2472997	2420455	2493884	3.44	cps
Magnesium	24-2	21873500	22210498	22013844	22032614	0.77	cps
Manganese	55-2	18795918	19174517	18946494	18972310	1.00	cps
Molybdenum	94-1	413434	414028	409108	412190	0.65	cps
Molybdenum	95-1	18522	18382	18415	18439	0.40	cps
Molybdenum	96-1	99143	97855	98697	98565	0.66	cps
Molybdenum	97-1	11298	11251	11405	11318	0.70	cps
Molybdenum	98-1	28852	28665	28341	28619	0.90	cps
Neodymium	150-1	444375	443764	440240	442793	0.50	cps
Neodymium	150-2	226712	225239	226062	226004	0.33	cps
Nickel	60-2	572820	577465	572570	574285	0.48	cps
Phosphorus	31-2	76654	78024	77177	77285	0.89	cps
Potassium	39-2	6675279	6728794	6608077	6670717	0.91	cps
Rhodium	103-1	29300499	28757764	28270396	28776220	1.79	cps
Rhodium	103-2	16482352	16590324	16405416	16492697	0.56	cps
Scandium	45-1	16335854	15903732	15601604	15947063	2.31	cps
Scandium	45-2	1433657	1417655	1399053	1416788	1.22	cps
Selenium	82-1	1946	2004	2186	2045	6.11	cps
Selenium	77-2	897	830	853	860	3.93	cps
Selenium	78-2	1273	1270	1337	1293	2.90	cps
Silicon	28-1	67473961	66311449	65997801	66594403	1.17	cps
Silver	107-1	43816	43689	41743	43083	2.70	cps
Silver	109-1	41045	40079	39818	40314	1.60	cps
Sodium	23-2	224514	226879	229932	227109	1.20	cps
Strontium	86-1	985660	972548	975900	978036	0.70	cps
Strontium	88-1	8605508	8501151	8318136	8474931	1.72	cps
Sulfur	34-1	221001	216674	213345	217007	1.77	cps
Terbium	159-1	37219188	37733528	36830824	37261180	1.22	cps
Terbium	159-2	21832712	21121515	21483761	21479329	1.66	cps
Thallium	203-1	12806	12533	12733	12690	1.12	cps
Thallium	205-1	30508	30838	30621	30656	0.55	cps
Tin	118-1	85122	85170	84674	84989	0.32	cps
Titanium	47-1	3623154	3560688	3483500	3555781	1.97	cps

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On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4524-06A	Instrumnet Name :	P7
Client Sample ID :	MYE4W5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:45:32	DataFile Name :	245SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	92867	94048	92817	93244	0.75	cps
Vanadium	51-2	2036892	2040174	2052994	2043353	0.42	cps
Yttrium	89-1	43280114	42932099	42539253	42917155	0.86	cps
Yttrium	89-2	10318025	10397562	10307429	10341005	0.48	cps
Zinc	66-2	795760	791851	785555	791056	0.65	cps
Zirconium	90-1	1081936	1085799	1079287	1082341	0.30	cps
Zirconium	91-1	244256	242272	239029	241852	1.09	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10A	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:48:30	DataFile Name :	246SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19116267	18739988	19123498	18993251	1.15	cps
Antimony	121-1	86213	85818	85797	85942	0.27	cps
Arsenic	75-2	859788	865239	855668	860232	0.56	cps
Barium	135-1	2898842	2858712	2886737	2881430	0.71	cps
Barium	137-1	4911939	4860404	4985307	4919217	1.28	cps
Beryllium	9-1	2873	3156	2906	2978	5.20	cps
Bismuth	209-1	21154711	20959911	20938203	21017608	0.57	cps
Bismuth	209-2	14008120	13881791	13924498	13938136	0.46	cps
Bromine	81-1	25579	26200	26140	25973	1.32	cps
Bromine	81-2	1763	1873	1717	1785	4.51	cps
Cadmium	108-1	2217	2097	2357	2224	5.85	cps
Cadmium	106-1	13943	13400	13039	13461	3.38	cps
Cadmium	111-1	27814	27767	27390	27657	0.84	cps
Calcium	43-1	480565	481366	473012	478314	0.96	cps
Calcium	44-1	7406403	7379837	7217555	7334598	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	896340	890699	890939	892659	0.36	cps
Cobalt	59-2	999887	995754	990160	995267	0.49	cps
Copper	63-2	5987513	6006471	6008335	6000773	0.19	cps
Dysprosium	156-1	206979	208315	206722	207339	0.41	cps
Dysprosium	156-2	150688	152089	149910	150896	0.73	cps
Erbium	164-1	154696	155239	156186	155373	0.49	cps
Erbium	164-2	90772	91034	91521	91109	0.42	cps
Gadolinium	160-1	192802	194369	193426	193533	0.41	cps
Gadolinium	160-2	123445	122803	121397	122548	0.85	cps
Holmium	165-1	36775749	35969040	36354838	36366543	1.11	cps
Holmium	165-2	21476661	21159167	21082916	21239581	0.98	cps
Indium	115-1	30562397	29945408	30394874	30300893	1.05	cps
Indium	115-2	9512024	9436330	9306279	9418211	1.10	cps
Iron	56-2	927382013	925478653	907345133	920068600	1.20	cps
Iron	57-2	22985726	22997350	22478264	22820447	1.30	cps
Iron	54-2	51007758	50379249	50250668	50545891	0.80	cps
Krypton	83-1	677	577	627	627	7.98	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10A	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:48:30	DataFile Name :	246SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8548238	8523819	8508403	8526820	0.24	cps
Lead	207-1	7676130	7518132	7495654	7563305	1.30	cps
Lead	208-1	34711071	34701447	34544444	34652321	0.27	cps
Lithium	6-1	2413399	2420725	2345695	2393273	1.73	cps
Magnesium	24-2	15025799	14868471	15076900	14990390	0.72	cps
Manganese	55-2	16249968	15899244	15845461	15998224	1.37	cps
Molybdenum	94-1	263045	261949	261003	261999	0.39	cps
Molybdenum	95-1	20855	21019	21152	21008	0.71	cps
Molybdenum	96-1	74679	74606	74958	74748	0.25	cps
Molybdenum	97-1	13023	13126	12972	13040	0.60	cps
Molybdenum	98-1	33178	32122	32573	32624	1.62	cps
Neodymium	150-1	411864	410765	405877	409502	0.78	cps
Neodymium	150-2	209673	209778	207503	208985	0.61	cps
Nickel	60-2	366302	362091	363345	363913	0.59	cps
Phosphorus	31-2	52259	52306	51904	52156	0.42	cps
Potassium	39-2	8636231	8569772	8437623	8547875	1.18	cps
Rhodium	103-1	29428404	28508695	28166830	28701310	2.27	cps
Rhodium	103-2	16579182	16569814	16114468	16421155	1.62	cps
Scandium	45-1	15815906	15416003	15164255	15465388	2.12	cps
Scandium	45-2	1417415	1373510	1373757	1388227	1.82	cps
Selenium	82-1	2085	2067	1988	2047	2.51	cps
Selenium	77-2	787	887	760	811	8.23	cps
Selenium	78-2	1137	1237	1287	1220	6.26	cps
Silicon	28-1	61855572	60180351	59815511	60617145	1.79	cps
Silver	107-1	38073	37712	38240	38009	0.71	cps
Silver	109-1	36873	36767	36944	36861	0.24	cps
Sodium	23-2	254763	253970	253894	254209	0.19	cps
Strontium	86-1	582801	585446	578616	582288	0.59	cps
Strontium	88-1	5126071	5047832	4944247	5039383	1.81	cps
Sulfur	34-1	190802	185562	181983	186115	2.38	cps
Terbium	159-1	37537212	36914943	37340149	37264101	0.85	cps
Terbium	159-2	21509316	21327480	21244730	21360509	0.63	cps
Thallium	203-1	11331	11565	11382	11426	1.08	cps
Thallium	205-1	27077	27348	27221	27215	0.50	cps
Tin	118-1	88023	87695	86622	87447	0.84	cps
Titanium	47-1	3484690	3396055	3356654	3412467	1.92	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4538-10A	Instrumnet Name :	P7
Client Sample ID :	MYE4Z6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:48:30	DataFile Name :	246SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	96184	97698	96882	96921	0.78	cps
Vanadium	51-2	1695790	1674482	1679981	1683418	0.66	cps
Yttrium	89-1	43106418	41720481	41625803	42150900	1.97	cps
Yttrium	89-2	10174388	10115342	10050655	10113462	0.61	cps
Zinc	66-2	763588	763499	760759	762615	0.21	cps
Zirconium	90-1	676893	674268	668293	673152	0.65	cps
Zirconium	91-1	152469	150725	151395	151530	0.58	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05A	Instrumnet Name :	P7
Client Sample ID :	MYE5B7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:51:31	DataFile Name :	247SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13879234	13699381	13753104	13777240	0.67	cps
Antimony	121-1	90667	89486	90787	90313	0.80	cps
Arsenic	75-2	245433	245285	245390	245369	0.03	cps
Barium	135-1	4622611	4558068	4574927	4585202	0.73	cps
Barium	137-1	7883302	7934302	7963874	7927159	0.51	cps
Beryllium	9-1	2689	2706	2539	2645	3.47	cps
Bismuth	209-1	21519483	21842922	21449409	21603938	0.97	cps
Bismuth	209-2	14174200	14040795	13894403	14036466	1.00	cps
Bromine	81-1	26190	26898	27148	26745	1.86	cps
Bromine	81-2	1903	1950	1960	1938	1.56	cps
Cadmium	108-1	2150	2134	2124	2136	0.63	cps
Cadmium	106-1	12866	12666	12252	12594	2.49	cps
Cadmium	111-1	27361	28597	28329	28096	2.31	cps
Calcium	43-1	625972	618238	607562	617257	1.50	cps
Calcium	44-1	9717939	9505204	9396773	9539972	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	920202	914003	914992	916399	0.36	cps
Cobalt	59-2	1059783	1057412	1060029	1059075	0.14	cps
Copper	63-2	5372708	5288498	5360947	5340717	0.85	cps
Dysprosium	156-1	149604	151312	150692	150536	0.57	cps
Dysprosium	156-2	111202	111895	111525	111541	0.31	cps
Erbium	164-1	112949	115731	114326	114335	1.22	cps
Erbium	164-2	68912	66899	67572	67795	1.51	cps
Gadolinium	160-1	134468	133253	133704	133808	0.46	cps
Gadolinium	160-2	85023	85154	85093	85090	0.08	cps
Holmium	165-1	36226334	37671427	36631862	36843208	2.02	cps
Holmium	165-2	21397417	21304199	21415527	21372381	0.28	cps
Indium	115-1	30235467	30966744	30306240	30502817	1.32	cps
Indium	115-2	9520651	9455778	9409187	9461872	0.59	cps
Iron	56-2	918754173	915635533	905919560	913436422	0.73	cps
Iron	57-2	22593222	22473939	22242242	22436468	0.80	cps
Iron	54-2	50224121	50112201	49820609	50052310	0.42	cps
Krypton	83-1	577	523	597	566	6.70	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05A	Instrumnet Name :	P7
Client Sample ID :	MYE5B7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:51:31	DataFile Name :	247SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10994131	10914711	10797085	10901976	0.91	cps
Lead	207-1	9592943	9648015	9515119	9585359	0.70	cps
Lead	208-1	44482502	44127733	43757977	44122737	0.82	cps
Lithium	6-1	2477824	2383443	2354180	2405149	2.69	cps
Magnesium	24-2	11732026	11573736	11617850	11641204	0.70	cps
Manganese	55-2	44360439	44109746	43749404	44073197	0.70	cps
Molybdenum	94-1	190995	191381	190320	190899	0.28	cps
Molybdenum	95-1	32082	31971	31494	31849	0.98	cps
Molybdenum	96-1	73175	72462	72187	72608	0.70	cps
Molybdenum	97-1	19463	19303	19423	19396	0.43	cps
Molybdenum	98-1	49560	49861	49678	49700	0.31	cps
Neodymium	150-1	282124	280826	279332	280761	0.50	cps
Neodymium	150-2	142367	142976	142761	142701	0.22	cps
Nickel	60-2	389531	388064	391151	389582	0.40	cps
Phosphorus	31-2	52092	51884	51607	51861	0.47	cps
Potassium	39-2	6826013	6834719	6769839	6810190	0.52	cps
Rhodium	103-1	28457425	29696123	29082329	29078626	2.13	cps
Rhodium	103-2	16541514	16159980	16264004	16321833	1.21	cps
Scandium	45-1	15345890	15718313	15225510	15429904	1.67	cps
Scandium	45-2	1377364	1389112	1400928	1389135	0.85	cps
Selenium	82-1	1890	2072	1836	1933	6.40	cps
Selenium	77-2	587	543	507	546	7.34	cps
Selenium	78-2	983	1060	1003	1016	3.92	cps
Silicon	28-1	76343737	76592767	74555384	75830629	1.47	cps
Silver	107-1	22745	22170	22247	22387	1.39	cps
Silver	109-1	21533	21292	21523	21449	0.63	cps
Sodium	23-2	225228	225265	227290	225928	0.52	cps
Strontium	86-1	578159	572002	574392	574851	0.54	cps
Strontium	88-1	4964830	5015389	4947132	4975784	0.71	cps
Sulfur	34-1	197570	193752	190005	193776	1.95	cps
Terbium	159-1	37033725	38563169	37532614	37709836	2.07	cps
Terbium	159-2	21663907	21429457	21220995	21438120	1.03	cps
Thallium	203-1	13360	13003	13213	13192	1.36	cps
Thallium	205-1	31680	31343	30574	31199	1.82	cps
Tin	118-1	70260	68023	68056	68780	1.86	cps
Titanium	47-1	2799299	2727326	2710608	2745744	1.72	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4541-05A	Instrumnet Name :	P7
Client Sample ID :	MYE5B7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:51:31	DataFile Name :	247SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	83288	82580	82296	82721	0.62	cps
Vanadium	51-2	1707104	1684460	1692990	1694851	0.67	cps
Yttrium	89-1	41142268	42938866	41644716	41908617	2.21	cps
Yttrium	89-2	10023301	9914208	9931472	9956327	0.59	cps
Zinc	66-2	736868	738167	735061	736699	0.21	cps
Zirconium	90-1	471396	467243	474083	470907	0.73	cps
Zirconium	91-1	104243	105386	104519	104716	0.57	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04A	Instrumnet Name :	P7
Client Sample ID :	MYE5D6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:54:30	DataFile Name :	248SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19052889	18578261	18245587	18625579	2.18	cps
Antimony	121-1	42907	41981	42192	42360	1.15	cps
Arsenic	75-2	431467	430206	431905	431193	0.20	cps
Barium	135-1	4661396	4668324	4620879	4650200	0.55	cps
Barium	137-1	7978375	8051283	8025451	8018369	0.46	cps
Beryllium	9-1	4051	4240	3845	4045	4.88	cps
Bismuth	209-1	21248948	20908006	21136896	21097950	0.82	cps
Bismuth	209-2	14287584	14249747	13728282	14088538	2.22	cps
Bromine	81-1	27663	28551	29483	28565	3.19	cps
Bromine	81-2	2437	2334	2534	2435	4.11	cps
Cadmium	108-1	2090	2017	1983	2030	2.69	cps
Cadmium	106-1	12789	13263	12689	12914	2.37	cps
Cadmium	111-1	24721	24244	24426	24464	0.99	cps
Calcium	43-1	629687	625207	623722	626205	0.50	cps
Calcium	44-1	9820518	9615268	9615921	9683902	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	957186	958644	958226	958019	0.08	cps
Cobalt	59-2	1181020	1185758	1182024	1182934	0.21	cps
Copper	63-2	5538166	5606294	5561532	5568664	0.62	cps
Dysprosium	156-1	229793	227671	229534	228999	0.51	cps
Dysprosium	156-2	171574	170251	173149	171658	0.85	cps
Erbium	164-1	169114	169056	169265	169145	0.06	cps
Erbium	164-2	99941	100542	99955	100146	0.34	cps
Gadolinium	160-1	203984	202110	201616	202570	0.62	cps
Gadolinium	160-2	128416	129542	129071	129010	0.44	cps
Holmium	165-1	36220196	36423272	36581401	36408290	0.50	cps
Holmium	165-2	21639422	21430186	20905400	21325003	1.77	cps
Indium	115-1	30314847	30026857	29691242	30010982	1.04	cps
Indium	115-2	9324527	9335389	9283298	9314405	0.30	cps
Iron	56-2	1011528945	1001171478	993865985	1002188803	0.89	cps
Iron	57-2	24521120	24079272	24273568	24291320	0.91	cps
Iron	54-2	54734338	54705868	53733108	54391104	1.05	cps
Krypton	83-1	667	603	590	620	6.61	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04A	Instrumnet Name :	P7
Client Sample ID :	MYE5D6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:54:30	DataFile Name :	248SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6983631	7071762	7003497	7019630	0.66	cps
Lead	207-1	6164343	6148812	6193748	6168968	0.37	cps
Lead	208-1	28258451	28267109	28294142	28273234	0.07	cps
Lithium	6-1	2402057	2340068	2266130	2336085	2.91	cps
Magnesium	24-2	12566172	12274889	12150446	12330503	1.73	cps
Manganese	55-2	33511681	33295593	32761309	33189528	1.16	cps
Molybdenum	94-1	395487	395386	392848	394574	0.38	cps
Molybdenum	95-1	17107	16523	16663	16764	1.82	cps
Molybdenum	96-1	94506	94114	91393	93338	1.82	cps
Molybdenum	97-1	10581	9933	10197	10237	3.18	cps
Molybdenum	98-1	26107	25489	25769	25788	1.20	cps
Neodymium	150-1	475062	470900	469913	471958	0.58	cps
Neodymium	150-2	240893	240181	240930	240668	0.18	cps
Nickel	60-2	492002	492459	495598	493353	0.40	cps
Phosphorus	31-2	61459	62045	61305	61603	0.63	cps
Potassium	39-2	8446126	8626499	8427554	8500060	1.29	cps
Rhodium	103-1	28721480	28276313	27974450	28324081	1.33	cps
Rhodium	103-2	16247582	16137874	16223704	16203053	0.36	cps
Scandium	45-1	15586314	15207768	14927531	15240538	2.17	cps
Scandium	45-2	1368517	1348796	1365314	1360876	0.78	cps
Selenium	82-1	1795	1866	1836	1832	1.94	cps
Selenium	77-2	833	813	777	808	3.56	cps
Selenium	78-2	1227	1193	1210	1210	1.38	cps
Silicon	28-1	70644829	69087556	67490426	69074270	2.28	cps
Silver	107-1	34945	34989	34147	34694	1.37	cps
Silver	109-1	33108	32987	32967	33021	0.23	cps
Sodium	23-2	206286	205467	205332	205695	0.25	cps
Strontium	86-1	867784	868902	867959	868215	0.07	cps
Strontium	88-1	7489148	7543130	7395041	7475773	1.00	cps
Sulfur	34-1	174248	171572	169825	171881	1.30	cps
Terbium	159-1	37795434	37268965	37117079	37393826	0.95	cps
Terbium	159-2	21522967	21524488	21220470	21422642	0.82	cps
Thallium	203-1	12863	12773	12456	12697	1.68	cps
Thallium	205-1	30193	30070	30494	30253	0.72	cps
Tin	118-1	71332	70799	70840	70990	0.42	cps
Titanium	47-1	3797081	3763106	3722557	3760914	0.99	cps

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Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	P4542-04A	Instrumnet Name :	P7
Client Sample ID :	MYE5D6ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:54:30	DataFile Name :	248SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	106602	108383	106743	107243	0.92	cps
Vanadium	51-2	1802269	1784779	1782422	1789823	0.61	cps
Yttrium	89-1	42547406	41656761	41461135	41888434	1.38	cps
Yttrium	89-2	10050134	10098437	10132068	10093546	0.41	cps
Zinc	66-2	556975	561048	562124	560049	0.48	cps
Zirconium	90-1	1052791	1041859	1048368	1047673	0.52	cps
Zirconium	91-1	237127	234358	231710	234398	1.16	cps

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Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164632BL	Instrumnet Name :	P7
Client Sample ID :	PBS632	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:57:33	DataFile Name :	249CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	583	463	523	523	11.46	cps
Antimony	121-1	63	63	83	70	16.50	cps
Arsenic	75-2	43	43	10	32	59.72	cps
Barium	135-1	313	270	183	256	25.90	cps
Barium	137-1	570	417	330	439	27.69	cps
Beryllium	9-1	28	6	22	19	62.43	cps
Bismuth	209-1	21129299	20833686	20781988	20914991	0.90	cps
Bismuth	209-2	14480677	14532624	14357928	14457076	0.62	cps
Bromine	81-1	18024	18518	18118	18220	1.44	cps
Bromine	81-2	137	170	177	161	13.30	cps
Cadmium	108-1	13	20	30	21	39.75	cps
Cadmium	106-1	8823	8933	8729	8828	1.15	cps
Cadmium	111-1	916	915	892	908	1.50	cps
Calcium	43-1	460	433	480	458	5.11	cps
Calcium	44-1	37369	37094	37443	37302	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1597	1657	1620	1625	1.86	cps
Cobalt	59-2	362	288	348	333	11.74	cps
Copper	63-2	2450	2457	2367	2425	2.07	cps
Dysprosium	156-1	30	20	0	17	91.65	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	157	123	147	142	12.03	cps
Erbium	164-2	117	127	110	118	7.12	cps
Gadolinium	160-1	190	190	170	183	6.30	cps
Gadolinium	160-2	1020	1123	1087	1077	4.87	cps
Holmium	165-1	36107496	35958479	35839065	35968347	0.37	cps
Holmium	165-2	21450583	21130649	21577809	21386347	1.08	cps
Indium	115-1	30606563	30554271	30326637	30495824	0.49	cps
Indium	115-2	9720112	9617673	9635972	9657919	0.57	cps
Iron	56-2	43901	41350	39595	41615	5.20	cps
Iron	57-2	2147	1913	1877	1979	7.40	cps
Iron	54-2	4451	4404	4484	4446	0.90	cps
Krypton	83-1	383	377	520	427	18.96	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164632BL	Instrumnet Name :	P7
Client Sample ID :	PBS632	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:57:33	DataFile Name :	249CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1460	1377	1243	1360	8.04	cps
Lead	207-1	1357	1187	1053	1199	12.68	cps
Lead	208-1	6297	5534	4947	5593	12.11	cps
Lithium	6-1	2471860	2498061	2492942	2487621	0.56	cps
Magnesium	24-2	2787	2947	2804	2846	3.09	cps
Manganese	55-2	1100	1113	1017	1077	4.87	cps
Molybdenum	94-1	683	747	807	746	8.27	cps
Molybdenum	95-1	47	20	57	41	46.11	cps
Molybdenum	96-1	143	163	210	172	19.86	cps
Molybdenum	97-1	47	43	63	51	20.96	cps
Molybdenum	98-1	60	77	67	68	12.38	cps
Neodymium	150-1	50	43	20	38	41.70	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	350	343	363	352	2.89	cps
Phosphorus	31-2	160	193	160	171	11.25	cps
Potassium	39-2	80830	81044	81986	81286	0.76	cps
Rhodium	103-1	29169510	28906281	28610950	28895580	0.97	cps
Rhodium	103-2	16795039	16620361	16666767	16694056	0.54	cps
Scandium	45-1	14813274	14932281	14883947	14876501	0.40	cps
Scandium	45-2	1324206	1308960	1303380	1312182	0.82	cps
Selenium	82-1	1525	1419	1215	1386	11.39	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	533	540	590	554	5.59	cps
Silicon	28-1	882049	881482	888030	883854	0.41	cps
Silver	107-1	197	220	220	212	6.35	cps
Silver	109-1	130	143	130	134	5.73	cps
Sodium	23-2	44481	43150	43585	43739	1.55	cps
Strontium	86-1	863	643	733	747	14.81	cps
Strontium	88-1	753	533	487	591	24.09	cps
Sulfur	34-1	140740	140727	142705	141391	0.81	cps
Terbium	159-1	36773912	36965189	36557618	36765573	0.55	cps
Terbium	159-2	21697518	21914205	21610336	21740686	0.72	cps
Thallium	203-1	253	260	253	256	1.51	cps
Thallium	205-1	703	647	693	681	4.44	cps
Tin	118-1	3584	3507	3514	3535	1.20	cps
Titanium	47-1	440	373	313	376	16.87	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164632BL	Instrumnet Name :	P7
Client Sample ID :	PBS632	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 11:57:33	DataFile Name :	249CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	27	37	34	20.14	cps
Vanadium	51-2	120	103	80	101	19.87	cps
Yttrium	89-1	39903366	39610343	39503050	39672253	0.52	cps
Yttrium	89-2	9755198	9691441	9691881	9712840	0.38	cps
Zinc	66-2	687	617	597	633	7.46	cps
Zirconium	90-1	2100	2144	2230	2158	3.07	cps
Zirconium	91-1	447	420	440	436	3.19	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164632BS	Instrumnet Name :	P7
Client Sample ID :	LCS632	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:00:50	DataFile Name :	250LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22073	21455	21625	21718	1.47	cps
Antimony	121-1	116329	113957	113157	114481	1.44	cps
Arsenic	75-2	3237	3047	3017	3100	3.85	cps
Barium	135-1	137308	135797	135888	136331	0.62	cps
Barium	137-1	239146	235028	234936	236370	1.02	cps
Beryllium	9-1	4651	4617	4473	4580	2.06	cps
Bismuth	209-1	21297023	20963407	20893396	21051275	1.02	cps
Bismuth	209-2	14468294	14362236	14283629	14371386	0.64	cps
Bromine	81-1	18558	18712	19079	18783	1.42	cps
Bromine	81-2	157	140	127	141	10.65	cps
Cadmium	108-1	1057	1043	1067	1056	1.11	cps
Cadmium	106-1	10867	10928	10531	10775	1.99	cps
Cadmium	111-1	16528	16257	15977	16254	1.70	cps
Calcium	43-1	68356	69013	67205	68191	1.34	cps
Calcium	44-1	1225127	1220766	1204399	1216764	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48023	47441	47892	47785	0.64	cps
Cobalt	59-2	43464	43116	43235	43272	0.41	cps
Copper	63-2	61382	59390	61107	60627	1.78	cps
Dysprosium	156-1	43	53	27	41	32.76	cps
Dysprosium	156-2	20	7	17	14	48.02	cps
Erbium	164-1	133	123	143	133	7.50	cps
Erbium	164-2	113	90	70	91	23.80	cps
Gadolinium	160-1	187	187	190	188	1.02	cps
Gadolinium	160-2	1033	1007	1040	1027	1.72	cps
Holmium	165-1	35778847	35400524	35274443	35484604	0.74	cps
Holmium	165-2	21599980	21584215	21097060	21427085	1.33	cps
Indium	115-1	30851341	30671841	30707722	30743635	0.31	cps
Indium	115-2	9712756	9632958	9754687	9700134	0.64	cps
Iron	56-2	4093657	4106675	4060566	4086966	0.58	cps
Iron	57-2	108317	108635	105014	107322	1.87	cps
Iron	54-2	235313	236803	235293	235803	0.37	cps
Krypton	83-1	387	380	397	388	2.16	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164632BS	Instrumnet Name :	P7
Client Sample ID :	LCS632	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:00:50	DataFile Name :	250LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41868	41182	41777	41609	0.90	cps
Lead	207-1	37291	36038	36024	36451	2.00	cps
Lead	208-1	168839	165786	167100	167241	0.92	cps
Lithium	6-1	2602788	2640774	2586814	2610125	1.06	cps
Magnesium	24-2	950053	943520	949223	947598	0.38	cps
Manganese	55-2	17730	17370	17217	17439	1.51	cps
Molybdenum	94-1	120228	119902	119664	119931	0.24	cps
Molybdenum	95-1	145636	145339	144569	145181	0.38	cps
Molybdenum	96-1	162835	161457	160453	161581	0.74	cps
Molybdenum	97-1	91970	90810	90806	91195	0.74	cps
Molybdenum	98-1	236304	236867	230683	234618	1.46	cps
Neodymium	150-1	27	30	30	29	6.65	cps
Neodymium	150-2	3	17	13	11	62.48	cps
Nickel	60-2	10404	10337	10547	10429	1.03	cps
Phosphorus	31-2	180	173	150	168	9.39	cps
Potassium	39-2	1252777	1248294	1248503	1249858	0.20	cps
Rhodium	103-1	29726669	29467355	29353751	29515925	0.65	cps
Rhodium	103-2	16601114	16566848	16640414	16602792	0.22	cps
Scandium	45-1	15389390	15265927	15321141	15325486	0.40	cps
Scandium	45-2	1314133	1295748	1323189	1311024	1.07	cps
Selenium	82-1	6309	6225	6258	6264	0.67	cps
Selenium	77-2	493	483	407	461	10.28	cps
Selenium	78-2	1983	2097	2134	2071	3.78	cps
Silicon	28-1	1374869	1377546	1370895	1374436	0.24	cps
Silver	107-1	75635	75404	75529	75523	0.15	cps
Silver	109-1	73880	72674	72895	73150	0.88	cps
Sodium	23-2	1527751	1526093	1523190	1525678	0.15	cps
Strontium	86-1	18649	18341	18298	18429	1.04	cps
Strontium	88-1	158349	156825	154906	156693	1.10	cps
Sulfur	34-1	165664	170570	172976	169736	2.20	cps
Terbium	159-1	36966149	36354245	36640184	36653526	0.84	cps
Terbium	159-2	21707076	21563732	21450770	21573859	0.60	cps
Thallium	203-1	50547	49861	48927	49778	1.63	cps
Thallium	205-1	119163	118453	116725	118114	1.06	cps
Tin	118-1	4137	4194	4097	4143	1.17	cps
Titanium	47-1	33019	33009	32822	32950	0.34	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	PB164632BS	Instrumnet Name :	P7
Client Sample ID :	LCS632	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:00:50	DataFile Name :	250LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	150711	151708	148955	150458	0.93	cps
Vanadium	51-2	96788	96674	96774	96745	0.06	cps
Yttrium	89-1	40417843	40178660	40063827	40220110	0.45	cps
Yttrium	89-2	9867943	9835502	9766919	9823455	0.53	cps
Zinc	66-2	23792	23271	23398	23487	1.16	cps
Zirconium	90-1	101548	100514	100427	100830	0.62	cps
Zirconium	91-1	22117	22631	22184	22310	1.25	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:04:06	DataFile Name :	251CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24817198	24700410	25270256	24929288	1.21	cps
Antimony	121-1	12407682	12392928	12522480	12441030	0.57	cps
Arsenic	75-2	687900	685531	688920	687450	0.25	cps
Barium	135-1	14835404	14986066	14969023	14930164	0.55	cps
Barium	137-1	25475529	26041286	26317145	25944654	1.65	cps
Beryllium	9-1	943896	980064	1020527	981496	3.91	cps
Bismuth	209-1	19525776	18325923	18206878	18686193	3.90	cps
Bismuth	209-2	12602706	12857154	12624559	12694806	1.11	cps
Bromine	81-1	19410	19413	20110	19644	2.06	cps
Bromine	81-2	220	203	133	186	24.78	cps
Cadmium	108-1	242426	250612	248433	247157	1.72	cps
Cadmium	106-1	354382	359374	358371	357376	0.74	cps
Cadmium	111-1	3189433	3270341	3282162	3247312	1.55	cps
Calcium	43-1	14623666	14992096	14982695	14866152	1.41	cps
Calcium	44-1	255114647	261133981	258826918	258358515	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5013527	5010213	5045616	5023119	0.39	cps
Cobalt	59-2	9710139	9648318	9656789	9671749	0.35	cps
Copper	63-2	61407384	61419382	62341902	61722890	0.87	cps
Dysprosium	156-1	603	657	560	607	7.98	cps
Dysprosium	156-2	847	947	787	860	9.40	cps
Erbium	164-1	700	650	677	676	3.70	cps
Erbium	164-2	417	363	390	390	6.84	cps
Gadolinium	160-1	580	613	610	601	3.05	cps
Gadolinium	160-2	1273	1233	1363	1290	5.16	cps
Holmium	165-1	36318579	34740373	34362184	35140379	2.95	cps
Holmium	165-2	21071021	21230139	21313425	21204861	0.58	cps
Indium	115-1	29991406	27902076	28002659	28632047	4.12	cps
Indium	115-2	9186590	9284871	9183768	9218409	0.62	cps
Iron	56-2	1100816170	1104194224	1104877397	1103295930	0.20	cps
Iron	57-2	27518241	27428708	27428953	27458634	0.19	cps
Iron	54-2	59949141	60324291	60023074	60098835	0.33	cps
Krypton	83-1	487	497	420	468	8.91	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:04:06	DataFile Name :	251CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40210425	40467150	40728599	40468725	0.64	cps
Lead	207-1	35168123	35773185	35825764	35589024	1.03	cps
Lead	208-1	162623817	163701738	164789898	163705151	0.66	cps
Lithium	6-1	2713023	2614920	2624172	2650705	2.04	cps
Magnesium	24-2	215549957	216523403	219824937	217299432	1.03	cps
Manganese	55-2	36888947	37154969	36818774	36954230	0.48	cps
Molybdenum	94-1	43693033	44871721	44861701	44475485	1.52	cps
Molybdenum	95-1	63619567	65023966	64824497	64489343	1.18	cps
Molybdenum	96-1	70212504	71032711	71198436	70814550	0.75	cps
Molybdenum	97-1	39851535	40357334	40038551	40082474	0.64	cps
Molybdenum	98-1	103092312	105303465	104572092	104322623	1.08	cps
Neodymium	150-1	820	917	933	890	6.88	cps
Neodymium	150-2	220	277	287	261	13.77	cps
Nickel	60-2	2217571	2189703	2214511	2207262	0.69	cps
Phosphorus	31-2	256987	256892	258786	257555	0.41	cps
Potassium	39-2	127270791	128374188	128032681	127892554	0.44	cps
Rhodium	103-1	27644709	26078204	25610436	26444450	4.03	cps
Rhodium	103-2	15088857	14974517	14884231	14982535	0.68	cps
Scandium	45-1	16144576	14985506	15037806	15389296	4.25	cps
Scandium	45-2	1309956	1338379	1336740	1328358	1.20	cps
Selenium	82-1	198197	201455	201408	200353	0.93	cps
Selenium	77-2	19096	19500	19560	19385	1.30	cps
Selenium	78-2	65698	65491	65179	65456	0.40	cps
Silicon	28-1	7303189	7378155	7489078	7390141	1.27	cps
Silver	107-1	16211420	16393625	16524001	16376349	0.96	cps
Silver	109-1	15695156	15924382	15789552	15803030	0.73	cps
Sodium	23-2	338894908	348167061	344214582	343758850	1.35	cps
Strontium	86-1	4163471	4247279	4259021	4223257	1.23	cps
Strontium	88-1	36353924	37032404	37363258	36916529	1.39	cps
Sulfur	34-1	1056595	1076411	1082315	1071774	1.26	cps
Terbium	159-1	37449994	35555864	34810211	35938690	3.79	cps
Terbium	159-2	21050219	21218160	20958925	21075768	0.62	cps
Thallium	203-1	10023151	10158147	10195315	10125538	0.89	cps
Thallium	205-1	24295248	24602825	24699511	24532528	0.86	cps
Tin	118-1	10081620	10236300	10264494	10194138	0.97	cps
Titanium	47-1	14179434	14631279	14629650	14480121	1.80	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:04:06	DataFile Name :	251CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32523536	33314728	33220546	33019603	1.31	cps
Vanadium	51-2	4416274	4420098	4426999	4421124	0.12	cps
Yttrium	89-1	41171845	38734352	38984749	39630316	3.38	cps
Yttrium	89-2	9713449	9583750	9611040	9636080	0.71	cps
Zinc	66-2	9294839	9320250	9238823	9284637	0.45	cps
Zirconium	90-1	21263074	21742905	22071590	21692523	1.87	cps
Zirconium	91-1	4725678	4850356	4890325	4822120	1.78	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:06:47	DataFile Name :	252CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	733	593	523	617	17.34	cps
Antimony	121-1	4421	5124	6498	5348	19.76	cps
Arsenic	75-2	30	27	23	27	12.51	cps
Barium	135-1	1450	857	510	939	50.63	cps
Barium	137-1	2700	1437	900	1679	55.05	cps
Beryllium	9-1	128	128	72	109	29.36	cps
Bismuth	209-1	21845108	21118353	20553556	21172339	3.06	cps
Bismuth	209-2	14747237	14723845	14478263	14649782	1.02	cps
Bromine	81-1	20047	21055	20337	20480	2.53	cps
Bromine	81-2	137	170	180	162	13.99	cps
Cadmium	108-1	40	33	23	32	26.04	cps
Cadmium	106-1	11661	11128	11061	11283	2.92	cps
Cadmium	111-1	1630	1416	1273	1440	12.49	cps
Calcium	43-1	2010	1147	1023	1393	38.59	cps
Calcium	44-1	69814	56310	51426	59183	16.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1793	1973	1653	1807	8.88	cps
Cobalt	59-2	537	465	450	484	9.57	cps
Copper	63-2	3600	3214	3130	3315	7.57	cps
Dysprosium	156-1	7	30	13	17	72.11	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	193	123	110	142	31.47	cps
Erbium	164-2	90	67	70	76	16.70	cps
Gadolinium	160-1	190	187	187	188	1.02	cps
Gadolinium	160-2	1087	1073	1133	1098	2.87	cps
Holmium	165-1	37066266	36318654	35724880	36369933	1.85	cps
Holmium	165-2	22199225	22022245	21915301	22045590	0.65	cps
Indium	115-1	32902026	31701303	31216154	31939828	2.72	cps
Indium	115-2	10074564	10016467	9982395	10024475	0.46	cps
Iron	56-2	53776	49688	44342	49269	9.60	cps
Iron	57-2	2190	2160	2220	2190	1.37	cps
Iron	54-2	5198	5088	4898	5061	3.00	cps
Krypton	83-1	390	443	417	417	6.40	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:06:47	DataFile Name :	252CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5188	2994	2324	3502	42.78	cps
Lead	207-1	4561	2647	2277	3162	38.77	cps
Lead	208-1	20900	12196	9631	14242	41.47	cps
Lithium	6-1	3103889	2931415	2836007	2957104	4.59	cps
Magnesium	24-2	7378	6828	6075	6760	9.68	cps
Manganese	55-2	1193	1097	933	1074	12.23	cps
Molybdenum	94-1	5678	3834	3380	4297	28.32	cps
Molybdenum	95-1	7038	4514	3721	5091	34.03	cps
Molybdenum	96-1	7982	4954	4347	5761	33.80	cps
Molybdenum	97-1	4567	2624	2387	3193	37.48	cps
Molybdenum	98-1	11508	7432	5935	8292	34.79	cps
Neodymium	150-1	30	27	10	22	48.22	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	280	263	287	277	4.34	cps
Phosphorus	31-2	217	230	267	238	10.89	cps
Potassium	39-2	93096	92388	92630	92705	0.39	cps
Rhodium	103-1	31355180	30320442	30023935	30566519	2.29	cps
Rhodium	103-2	17235155	17206679	16873974	17105269	1.17	cps
Scandium	45-1	16693841	16669961	16215109	16526304	1.63	cps
Scandium	45-2	1414283	1377002	1371301	1387529	1.68	cps
Selenium	82-1	1609	1531	1556	1565	2.54	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	603	607	583	598	2.11	cps
Silicon	28-1	1280248	1262333	1230087	1257556	2.02	cps
Silver	107-1	2090	1247	1013	1450	39.06	cps
Silver	109-1	2117	1117	917	1383	46.48	cps
Sodium	23-2	47961	47567	46667	47398	1.40	cps
Strontium	86-1	1107	917	777	933	17.75	cps
Strontium	88-1	3967	2164	1647	2593	46.99	cps
Sulfur	34-1	265380	265969	268106	266485	0.54	cps
Terbium	159-1	38657487	37287198	37237531	37727405	2.14	cps
Terbium	159-2	22065246	22128356	22052441	22082014	0.18	cps
Thallium	203-1	2500	1853	1727	2027	20.47	cps
Thallium	205-1	5998	4494	3867	4786	22.88	cps
Tin	118-1	5398	4634	4754	4929	8.33	cps
Titanium	47-1	1653	1013	663	1110	45.23	cps

Reviewed By:mohan
On:11/13/2024 2:51:14 AM
Inst Id :P7

LB Number :	LB133382	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-11-11 12:06:47	DataFile Name :	252CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3277	1743	1210	2077	51.67	cps
Vanadium	51-2	130	110	113	118	9.10	cps
Yttrium	89-1	43088746	41933470	41283707	42101974	2.17	cps
Yttrium	89-2	10271091	10348200	10174045	10264445	0.85	cps
Zinc	66-2	740	880	867	829	9.32	cps
Zirconium	90-1	4724	3887	3804	4138	12.30	cps
Zirconium	91-1	1017	857	860	911	10.04	cps

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Prep Standard - Chemical Standard Summary

Order ID : P4538

Test : Metals CLP MS FULL

Prepbatch ID : PB164601,

Sequence ID/Qc Batch ID: LB133382,

Standard ID :
MP81119,MP82127,MP83014,MP83016,MP83032,MP83033,MP83034,MP83035,MP83036,MP83037,MP83038,MP830
39,MP83041,MP83042,MP83043,MP83044,MP83046,MP83048,MP83049,MP83050,MP83156,

Chemical ID :
M5192,M5288,M5289,M5294,M5304,M5390,M5476,M5498,M5513,M5515,M5519,M5565,M5634,M5657,M5658,M5698
,M5739,M5751,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M587
3,M5874,M5935,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M60
40,M6055,M6095,M6112,M6115,W2606,W3112,

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP81119	06/21/2024	04/24/2025	Al-Terek Isaac	METALS_SCALE_2 (M SC-2)	METALS_PIPETTE_1 (ICP A)	Sarabjit Jaswal 06/21/2024

FROM 1250.00000ml of M5935 + 1250.00000ml of W2606 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP82127	09/03/2024	02/08/2025	Janvi Patel	None	None	Sarabjit Jaswal 09/03/2024

FROM 1250.00000ml of M6040 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP83014	11/02/2024	11/25/2024	Sarabjit Jaswal	None	None	Mohan Bera 11/04/2024

FROM 25.00000ml of M6095 + 4925.00000ml of W3112 + 50.00000ml of M6115 = Final Quantity: 5000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP83016	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5769 + 5.00000ml of M5806 + 79.00000ml of MP83014 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP83032	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.40000ml of M5513 + 1.00000ml of M5799 + 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M6115 + 2.00000ml of M5815 + 2.00000ml of M5817 + 2.50000ml of M5476 + 4.00000ml of M5390 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6095 + 50.00000ml of M5304 + 832.80000ml of W3112 + 9.00000ml of M5698 + 9.00000ml of M5819 + 9.00000ml of M5976 + 9.00000ml of M5978 + 9.90000ml of M5498 + 9.90000ml of M5751 + 9.90000ml of M5769 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3948	S6(SFAM,6020,200.8)	MP83033	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 48.50000ml of W3112 + 50.00000ml of MP83032 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	MP83034	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 86.00000ml of W3112 + 12.50000ml of MP83032 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3949	S5(SFAM,6020,200.8)	MP83035	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 73.50000ml of W3112 + 25.00000ml of MP83032 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP83036	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 88.50000ml of W3112 + 10.00000ml of MP83033 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP83037	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5982 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5751 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6095 + 226.25000ml of W3112 + 5.00000ml of M6115 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP83038	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 98.00000ml of W3112 + 0.50000ml of MP83037 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3957	S1(SFAM,6020,200.8)	MP83039	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 88.50000ml of W3112 + 10.00000ml of MP83038 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP83041	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 2.00000ml of M5294 + 98.00000ml of MP83014 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP83042	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 1.25000ml of M5476 + 10.00000ml of M6115 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5769 + 24.95000ml of M5806 + 25.00000ml of M5304 + 4.50000ml of M5698 + 4.50000ml of M5751 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6095 + 823.45000ml of W3112 = Final Quantity: 1000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP83043	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP83014 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP83044	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP83014 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP83046	11/01/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5982 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5751 + 0.50000ml of M5802 + 1.25000ml of M5192 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M6021 + 12.50000ml of M5498 + 12.50000ml of M5769 + 12.50000ml of M5806 + 12.52000ml of M5519 + 156.23000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 5.00000ml of M5515 + 5.00000ml of M6095 + 5.00000ml of M6115 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP83048	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.01000ml of M5769 + 9.99000ml of MP83014 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3894	TUNE 200PPB	MP83049	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP83048 + 98.00000ml of MP83014 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP83050	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 5.00000ml of M6115 + 75.00000ml of M5739 + 170.00000ml of MP83014 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
996	PB 100PPM	MP83156	11/07/2024	11/25/2024	Sarabjit Jaswal	None	None	Mohan Bera 11/08/2024

FROM 1.00000ml of M5513 + 9.00000ml of MP83014 = Final Quantity: 10.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57042 / Mo, 1000 PPM, 125 ml	051722	05/17/2025	07/01/2022 / bin	06/17/2022 / jaswal	M5192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58119 / K, 10000 PPM, 500 ml	071122	07/11/2025	09/01/2022 / jaswal	07/21/2022 / jaswal	M5288

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	01/01/2025	12/13/2023 / bin	02/20/2020 / bin	M5294

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	S2-MEB711244	10/20/2026	08/07/2024 / jaswal	04/01/2022 / jaswal	M5304

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/09/2025	07/29/2024 / jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	02/03/2025	04/18/2024 / jaswal	08/03/2022 / Al-Terek	M5634

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	T2-MEB721144	07/07/2027	08/23/2023 / jaswal	08/29/2023 / jaswal	M5657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	T2-MEB709511	09/03/2026	08/07/2024 / jaswal	04/11/2022 / jaswal	M5739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	071723	07/17/2026	10/01/2024 / Jaswal	08/25/2023 / jaswal	M5751

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57015 / P, 1000 PPM, 125 ml	091123	09/11/2026	05/01/2024 / jaswal	02/09/2024 / jaswal	M5820

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICPMS) STOCK SOLN	CP-MS ICSA-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5873

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSB (ICPMS) STOCK SOLUTION	CP-MS ICSB-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	12/08/2024	06/21/2024 / Al-Terek	06/07/2024 / Al-Terek	M5935

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57092 / U, 1000 PPM, 125 ml	060724	06/07/2027	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5981

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

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Fax : 908 789 8922

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	06/12/2027	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	01/25/2019 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	24D1562005	02/08/2025	08/09/2024 / jaswal	08/01/2024 / Janvi	M6040

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL	U2-MEB734294	06/21/2028	08/21/2024 / Jaswal	08/19/2024 / Jaswal	M6055

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)		03/17/2029	10/26/2024 / Janvi	10/21/2024 / Janvi	M6095

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24B1362001	05/03/2025	11/03/2024 / Eman	09/29/2024 / Eman	M6112

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24B1362001	05/04/2025	11/02/2024 / Janvi	09/29/2024 / Eman	M6115

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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M6028

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1934

CERTIFIED WEIGHT REPORT:

Part Number: 57048
Lot Number: 070124
Description: Cadmium (Cd)

Expiration Date: 070127
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

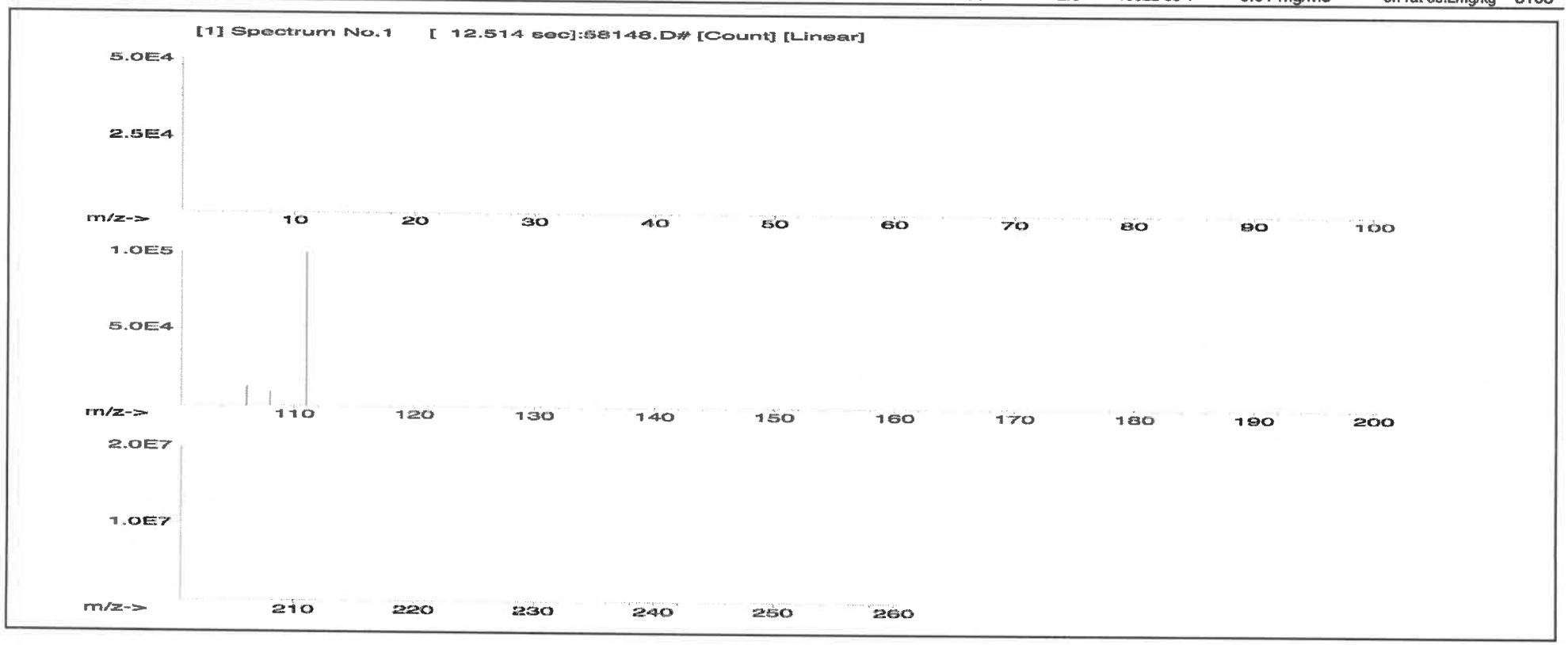
Weight shown below was diluted to (mL): 2000.07 ± 0.100 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	± 5E-05 Balance Uncertainty

Aleah O'Brady
Formulated By: Aleah O'Brady 070124

Pedro Rentas
Reviewed By: Pedro L. Rentas 070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



1935

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/5/24

1936

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

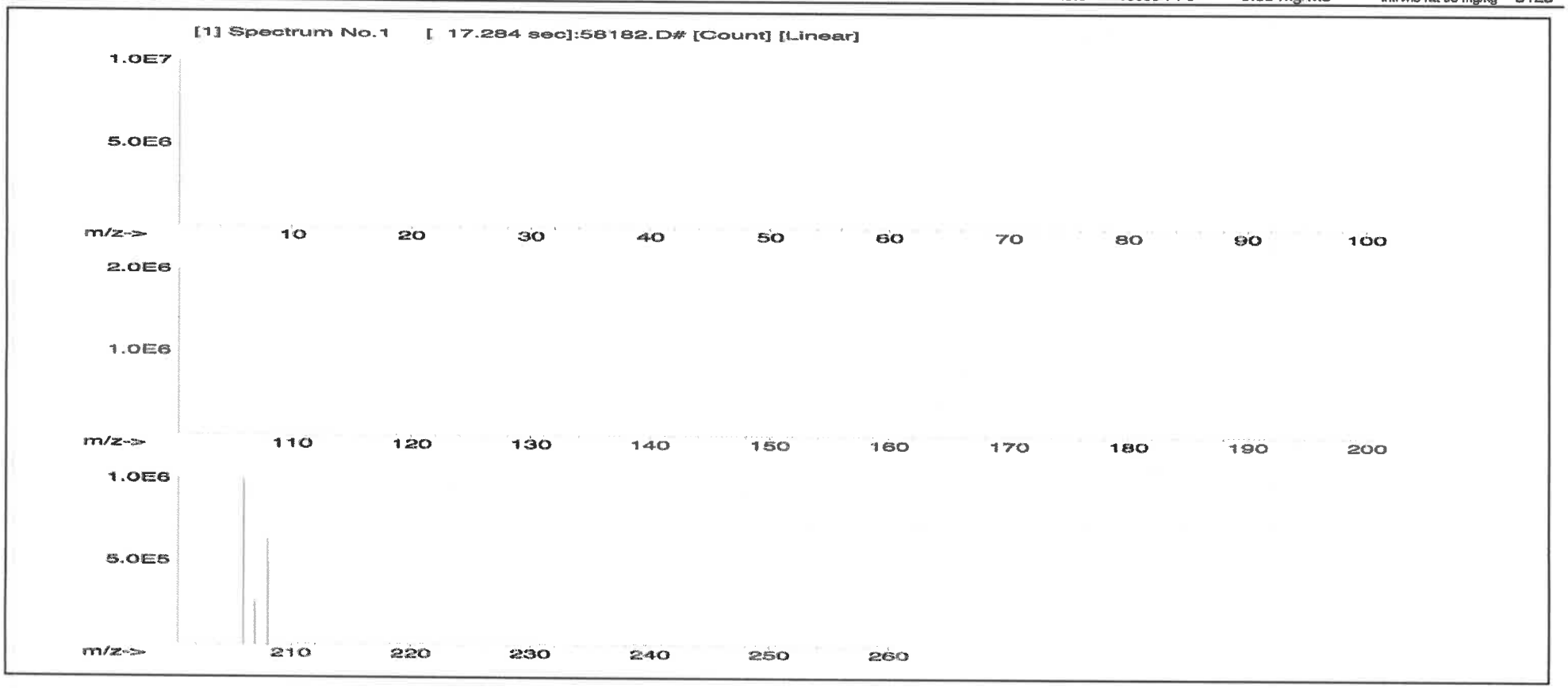
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546		Nitric Acid
	2%	40.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



1937

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5192 R: 06/17/22

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1938

CERTIFIED WEIGHT REPORT:

Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)

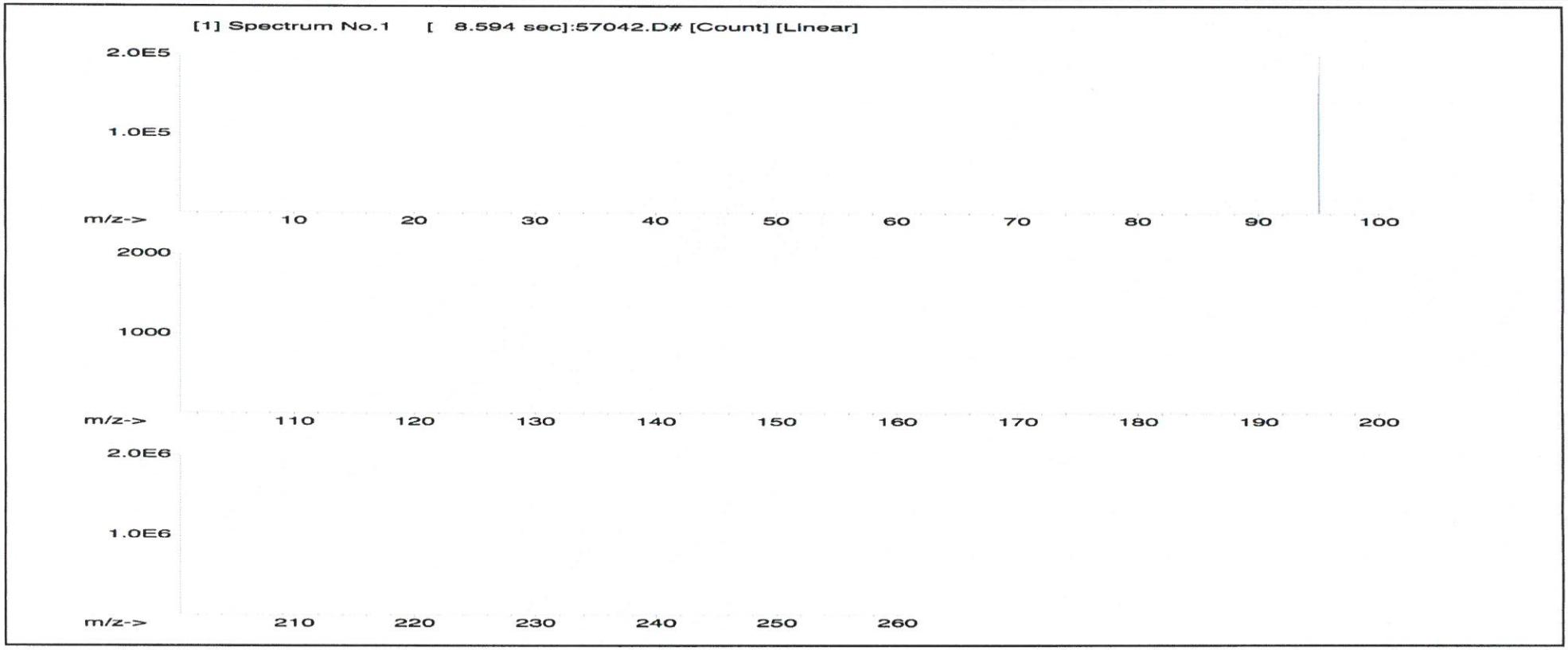
Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Volume shown below was diluted to (mL): 3000.41

Lot #	Solvent:		
MKBQ8597V	Ammonium hydroxide		
0.5%	15.0 (mL)	Ammonium hydroxide	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By: Lawrence Barry 051722

Reviewed By: Pedro L. Rentas 051722

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium molybdate (Mo)	58142	022222	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	13106-76-8	5 mg(Mo)/m3	orl-rat 333 mg/kg	3134



1939

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	T	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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V15200 R: 04/24/22 (BD)

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1940

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

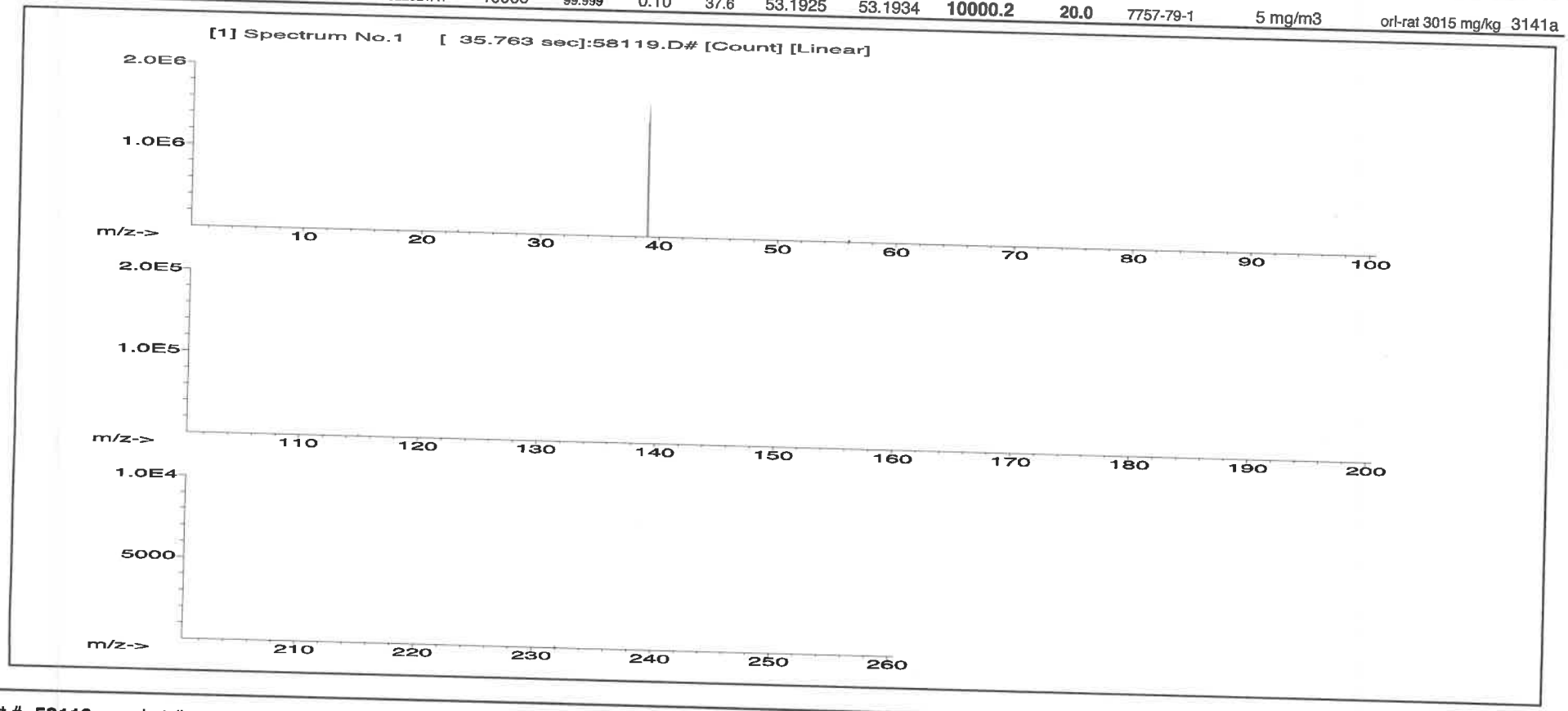
Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By: Lawrence Barry 071122

Reviewed By: Pedro L. Rentas 071122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	53.1925	53.1934	**10000.2**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



1941

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5289 R: 07/12/22 (BH)

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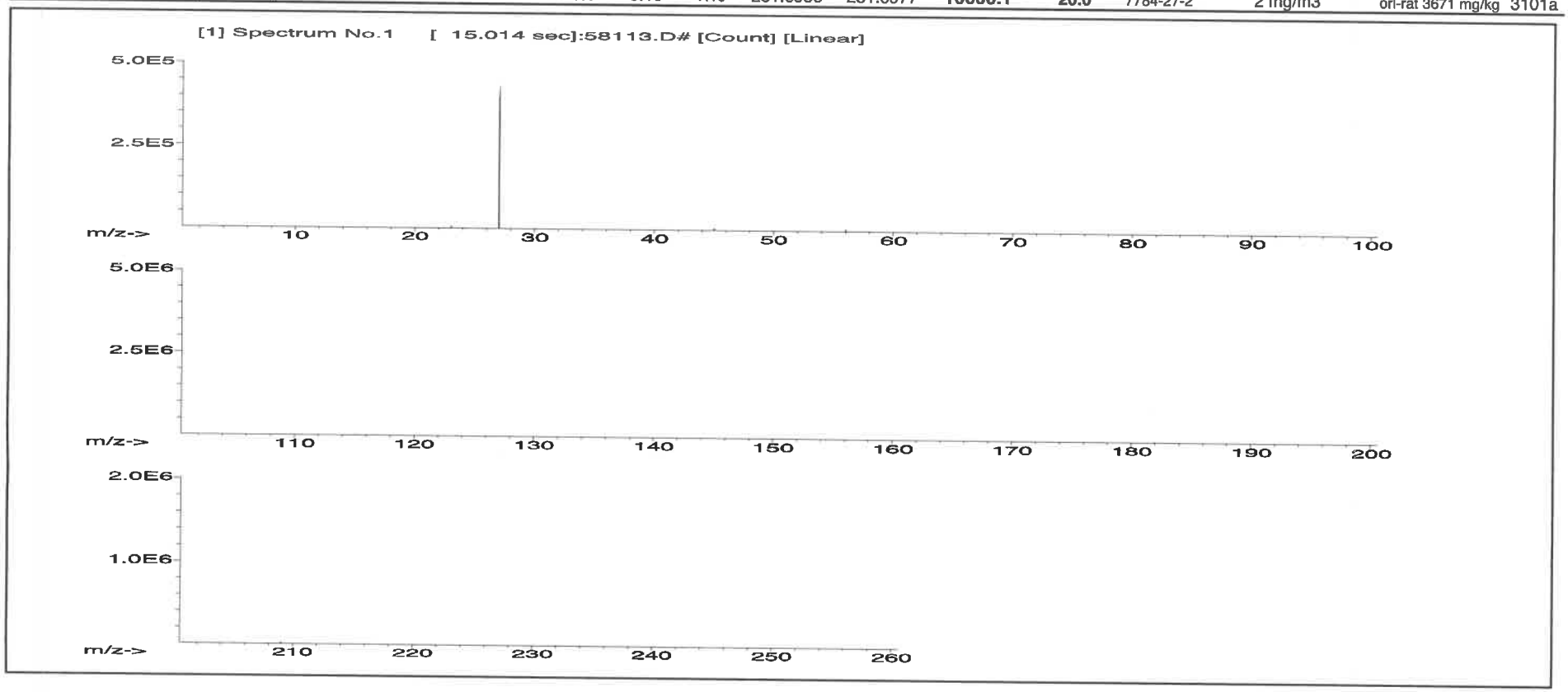
1942

CERTIFIED WEIGHT REPORT:

Part Number:	**58113**			**Lot #**	
Lot Number:	**070622**		**Solvent:**	20370011	Nitric Acid
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	070625				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	**SDS Information** (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



1943

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

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Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020CAL-1
Lot Number:	S2-MEB711244
Matrix:	5% (v/v) HNO3 tr. HF
Value / Analyte(s):	20 µg/mL ea:

Silver, Aluminum,
Arsenic, Barium,
Beryllium, Calcium,
Cadmium, Cobalt,
Chromium, Copper,
Iron, Potassium,
Magnesium, Manganese,
Sodium, Nickel,
Lead, Antimony,
Selenium, Thallium,
Vanadium, Zinc

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	**20.01 ± 0.08 µg/mL**	**Antimony, Sb**	**20.01 ± 0.12 µg/mL**
Arsenic, As	**20.01 ± 0.18 µg/mL**	**Barium, Ba**	**20.01 ± 0.11 µg/mL**
Beryllium, Be	**20.01 ± 0.14 µg/mL**	**Cadmium, Cd**	**20.01 ± 0.11 µg/mL**
Calcium, Ca	**20.01 ± 0.10 µg/mL**	**Chromium, Cr**	**20.01 ± 0.16 µg/mL**
Cobalt, Co	**20.01 ± 0.11 µg/mL**	**Copper, Cu**	**20.01 ± 0.10 µg/mL**
Iron, Fe	**20.01 ± 0.09 µg/mL**	**Lead, Pb**	**20.01 ± 0.11 µg/mL**
Magnesium, Mg	**19.99 ± 0.10 µg/mL**	**Manganese, Mn**	**20.01 ± 0.10 µg/mL**
Nickel, Ni	**20.01 ± 0.11 µg/mL**	**Potassium, K**	**20.01 ± 0.10 µg/mL**
Selenium, Se	**20.02 ± 0.14 µg/mL**	**Silver, Ag**	**20.02 ± 0.09 µg/mL**
Sodium, Na	**20.01 ± 0.10 µg/mL**	**Thallium, Tl**	**20.01 ± 0.13 µg/mL**
Vanadium, V	**20.01 ± 0.11 µg/mL**	**Zinc, Zn**	**20.01 ± 0.11 µg/mL**

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Density: 1.026 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
As	ICP Assay	3103a	100818
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Fe	Calculated		See Sec. 4.2
K	ICP Assay	3141a	140813
K	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	140110
Mg	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Na	ICP Assay	3152a	120715
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2
V	ICP Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

Low Silver Note: This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1950

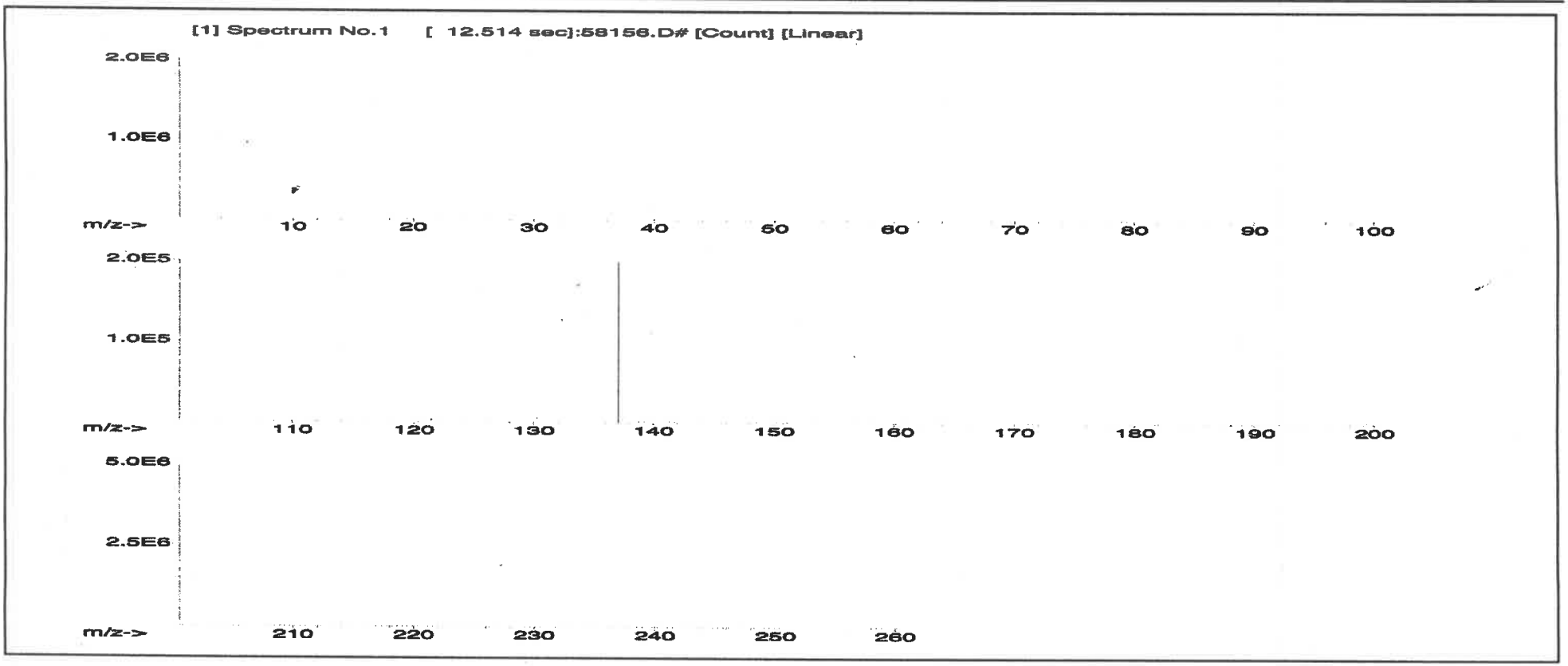
CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57056**	**Solvent:**	20510011	Nitric Acid
Lot Number:	**072122**			
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	072125			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	2.0	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

T951

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Certified Reference Material CRM

M5497 - M5498 R: 03/17/23 BH

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

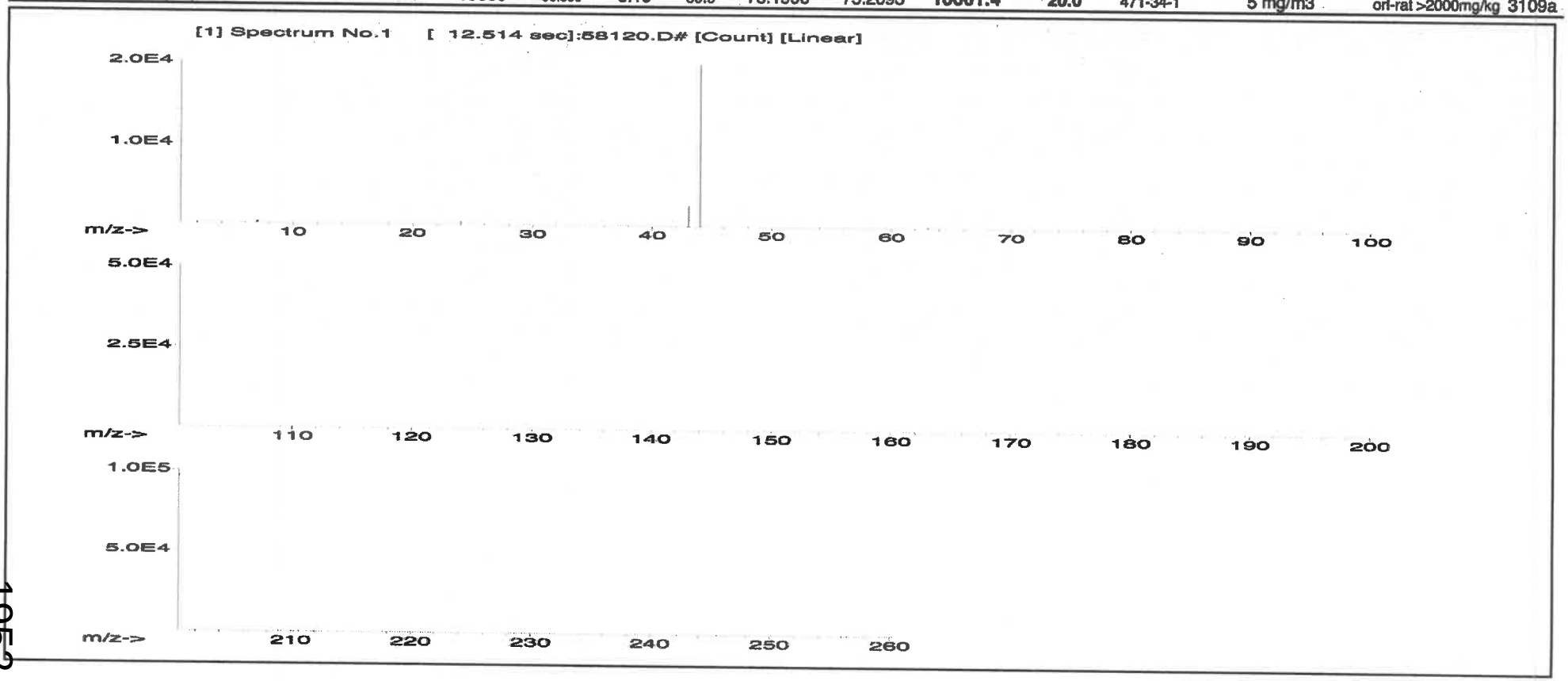
		Lot #	
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	031523
Reviewed By:	Pedro L. Rentas	031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



1952

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

19953

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Certified Reference Material CRM

MS513 R:03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

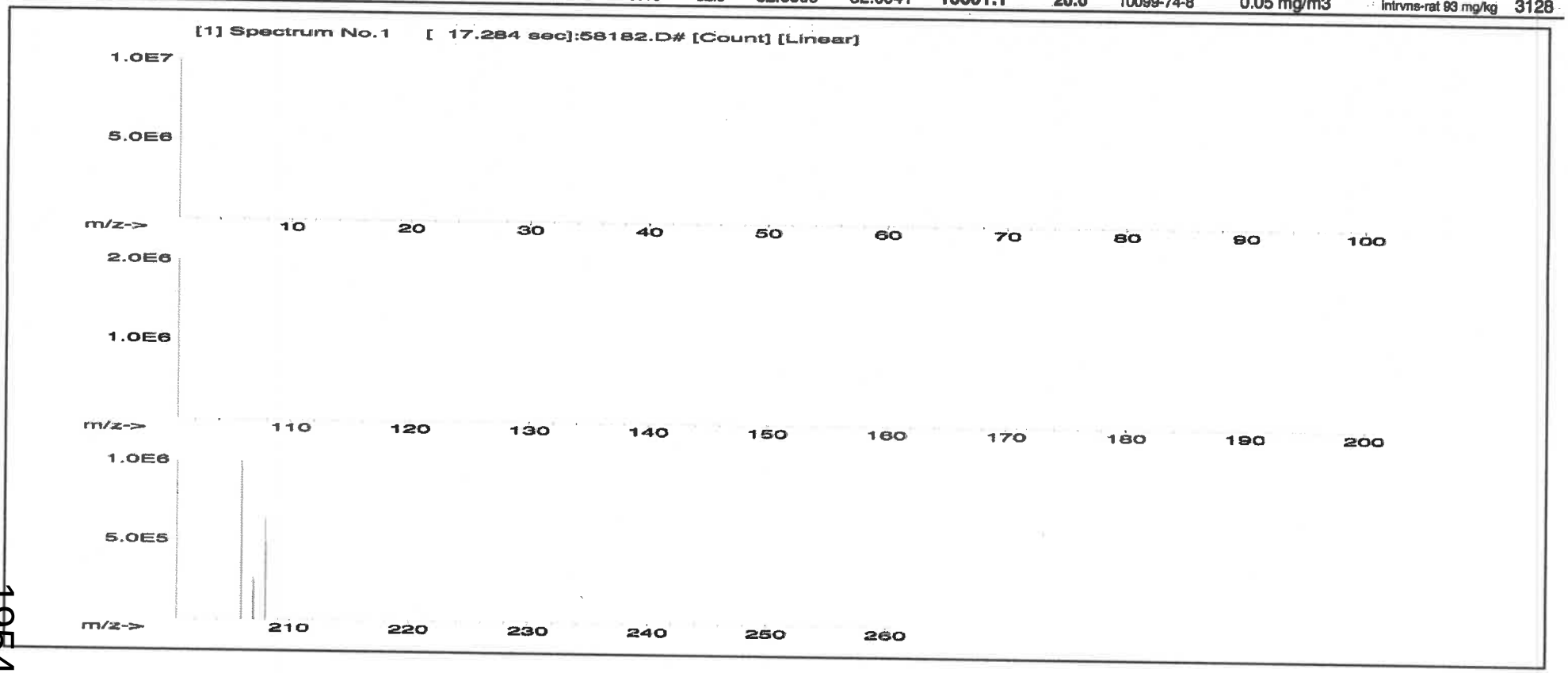
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



1954

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

T955

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

MS514 - MS515 R: 03/17/22

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58126
Lot Number: 092122
Description: Iron (Fe)

Expiration Date: 092125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 5000.1 ± 0.12 Flask Uncertainty

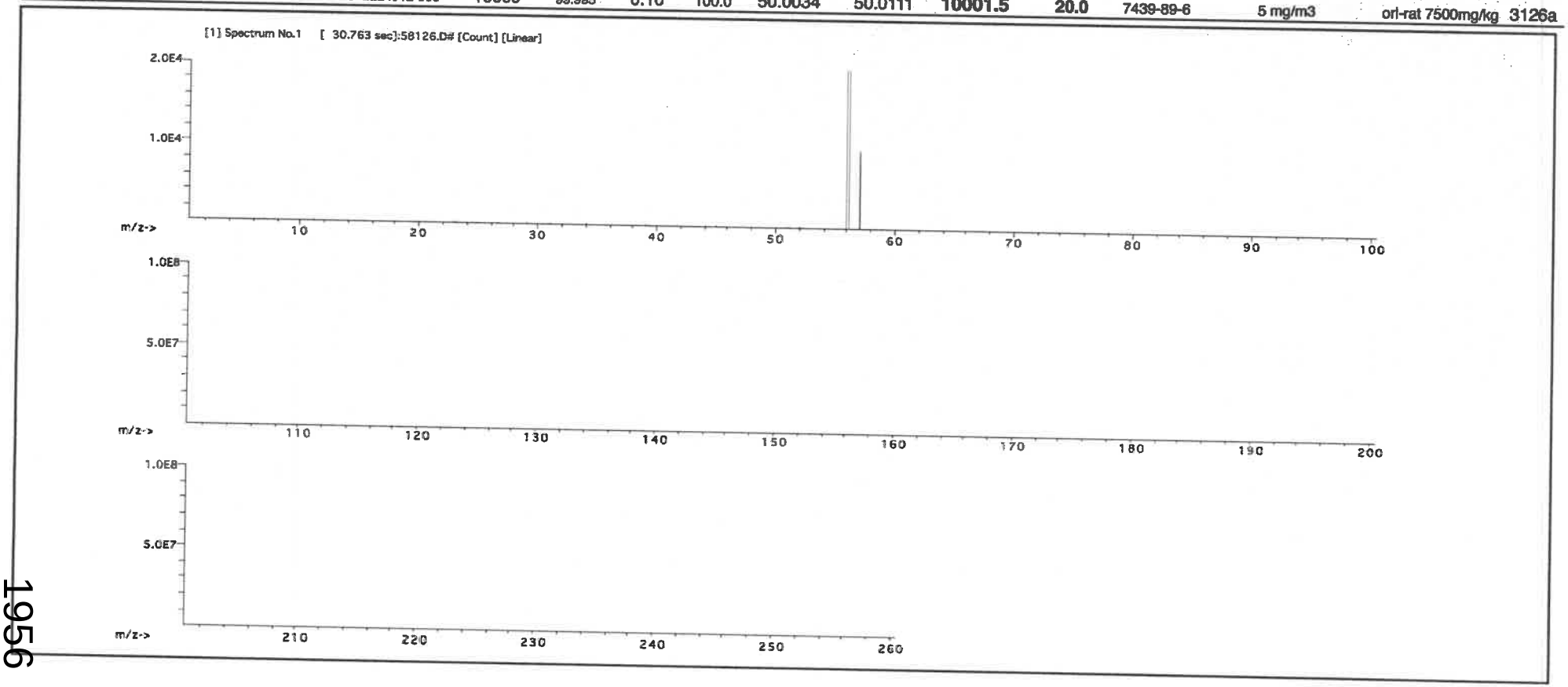
	Lot #			
Solvent:	20510011	Nitric Acid		
7.0%	350.0 (mL)	Nitric Acid		

5E-05 Balance Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	092122
Reviewed By:	Pedro L. Rentas	092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



1956

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1957

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800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5519. M5520 (BH) R:03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1958

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.4

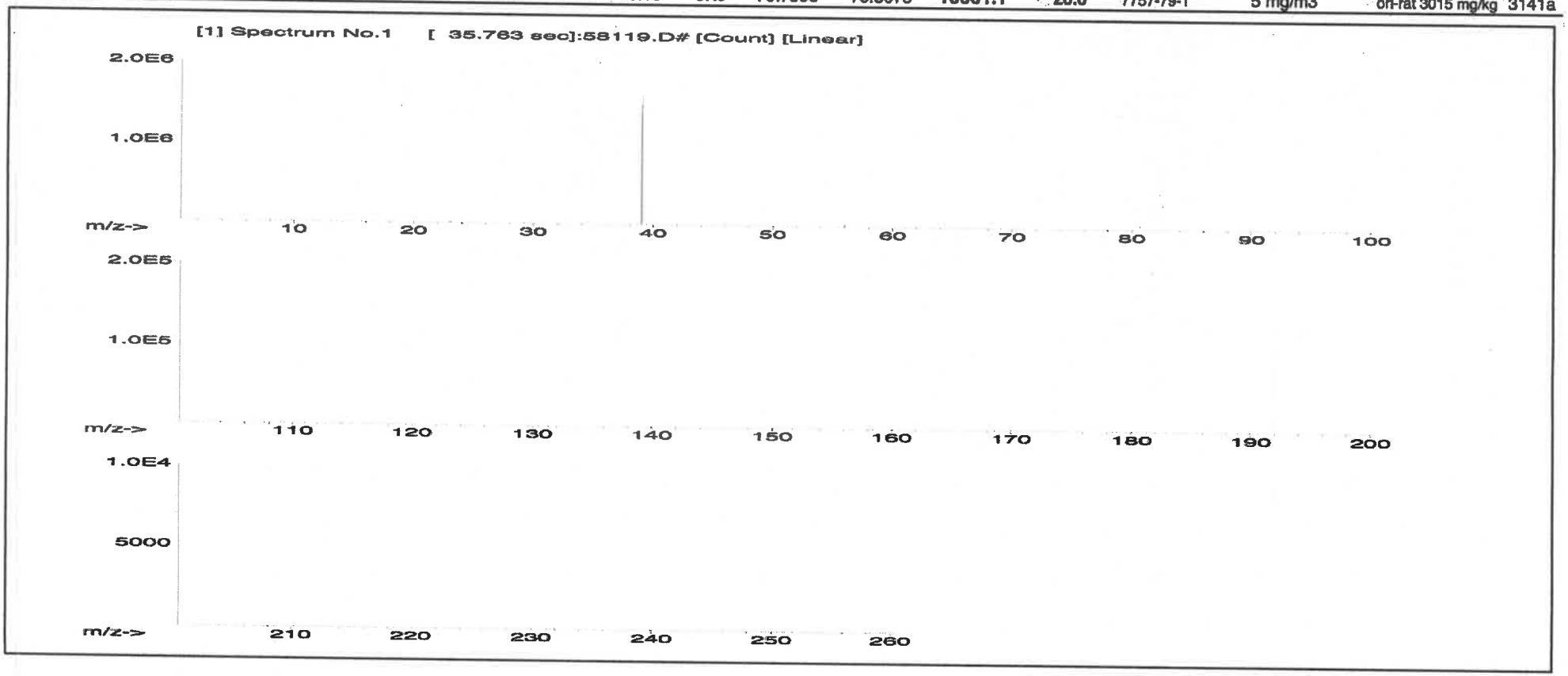
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



1959

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES
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Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium,
	1 000 µg/mL ea: Iron,
	500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt,
	250 µg/mL ea: Copper,
	200 µg/mL ea: Chromium,
	50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method I with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (t) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (t) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

CERTIFICATE OF ANALYSIS

Date: 8/3/2022 MS631 MS632 MS633 MS634 **Lot No 820803**

Hydrogen Peroxide, ACS
Reagent Grade

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	29-32%	31.4%
Color (APHA)	10	5
Residue after Evaporation	0.002%	.0001%
Titratable Acid	0.0006 meq/g	< .0006 meq/g
Chloride (Cl)	2 ppm	< 1 ppm
Nitrate (NO_3)	2 ppm	< 1 ppm
Phosphate	2 ppm	< 1 ppm
Sulfate (SO_4)	5 ppm	< .5 ppm
Ammonium (NH_4)	5 ppm	< 1 ppm
Heavy Metals (as Pb)	1 ppm	< .1 ppm
Iron (Fe)	0.5 ppm	< .1 ppm
Sodium Stannate	200 – 300 ppb	Pass

***Our Hydrogen Peroxide is considered un-stabilized because it is very slightly stabilized with Sodium Stannate, 500 ppb maximum, just for safety purposes.

Date of MFG: 8/2022
Retest date: 8/2024

Gina M. Rambo
Office Manager

CORCO CHEMICAL CORPORATION. 299 CEDAR LANE. FAIRLESS HILLS, PA 19030. 215-295-5006. FAX 215-295-0781

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Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

M5657 A: 8/29/22

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-4
Lot Number:	T2-MEB721144
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead,
	10 µg/mL ea: Selenium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	99.9 ± 0.8 µg/mL	Arsenic, As	40.00 ± 0.25 µg/mL
Cadmium, Cd	49.96 ± 0.22 µg/mL	Lead, Pb	19.99 ± 0.10 µg/mL
Selenium, Se	10.00 ± 0.06 µg/mL	Thallium, Tl	49.96 ± 0.32 µg/mL

Density: 1.014 g/mL (measured at 20 ± 4 °C)

Assay Information:

1965

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	traceable to 3103a	R2-AS691113
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 07, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **July 07, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

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Certified Reference Material CRM

M5658 R ! 8/25/23

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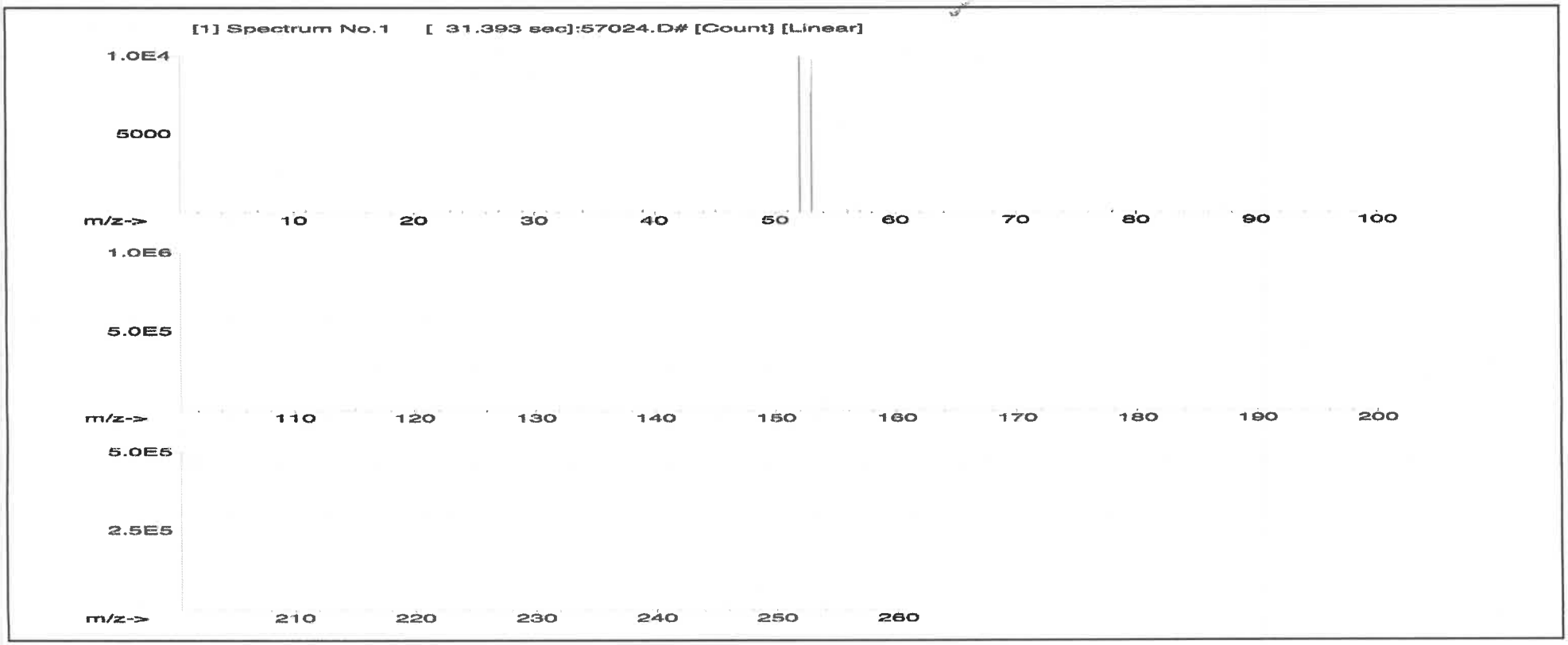
1969

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	58024	21110221	Nitric Acid	
Lot Number:	060523			
Description:	Chromium (Cr)			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



1970

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5648 R: 10/27/23

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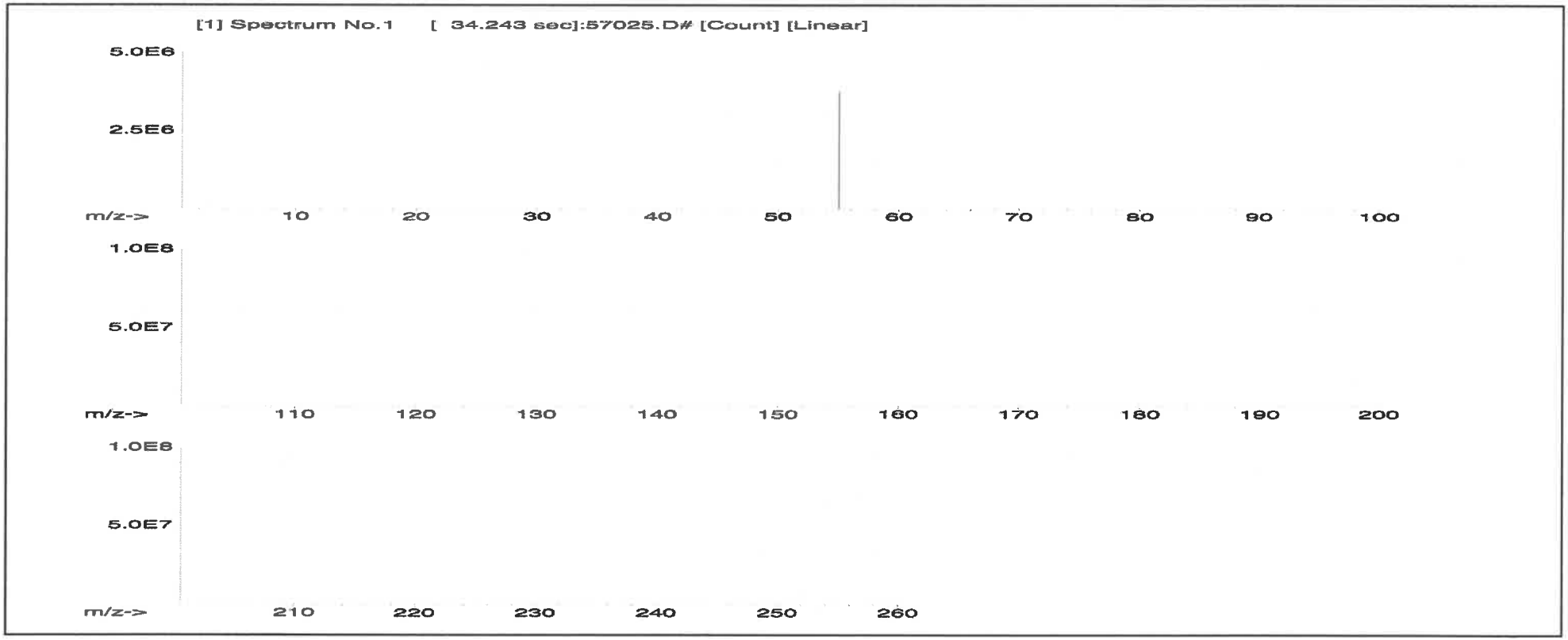
1971

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58025**	24002546	Nitric Acid	
Lot Number:	**102623**			
Description:	**Manganese (Mn)**	2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	102626			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102623
Reviewed By:	Pedro L. Rentas	102623

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Manganese(II) nitrate tetrahydrate (Mn)	58125	071123	0.1000	300.0	0.084	1000	10000.1	**1000.0**	**2.1**	20694-39-7	5 mg/m3	orl-rat >300mg/kg	3132



1972

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 8/25/23 M575

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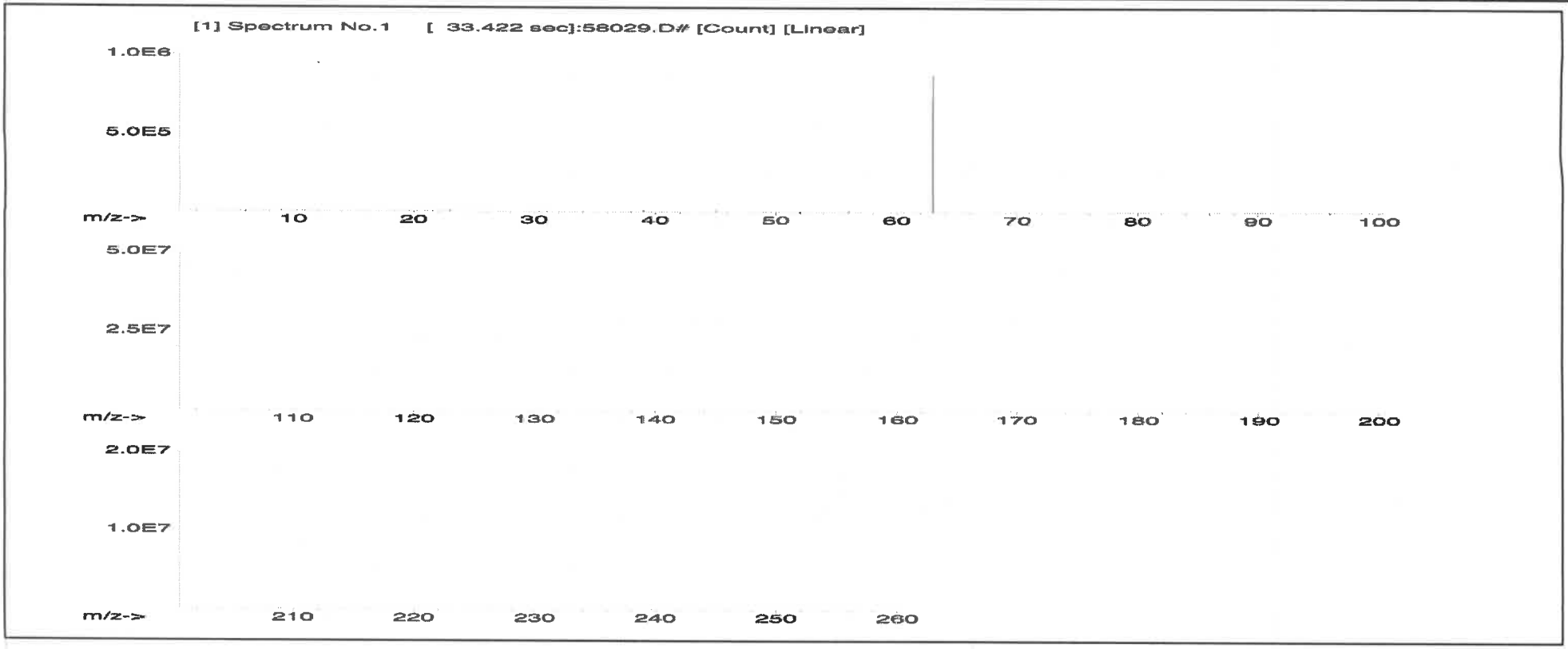
1973

CERTIFIED WEIGHT REPORT:

Part Number:	**58029**			**Lot #**	**Solvent:**	
Lot Number:	**071723**			21110221	Nitric Acid	
Description:	**Copper (Cu)**					
				2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071726					
Recommended Storage:	Ambient (20 °C)					
Nominal Concentration (µg/mL):	**1000**					
NIST Test Number:	6UTB	5E-05	Balance Uncertainty			
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty			

Formulated By:	Benson Chan	071723
Reviewed By:	Pedro L. Rentas	071723

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	022723	0.1000	200.0	0.084	1000	10000.5	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

Certified Reference Material CRM

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1975

CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid

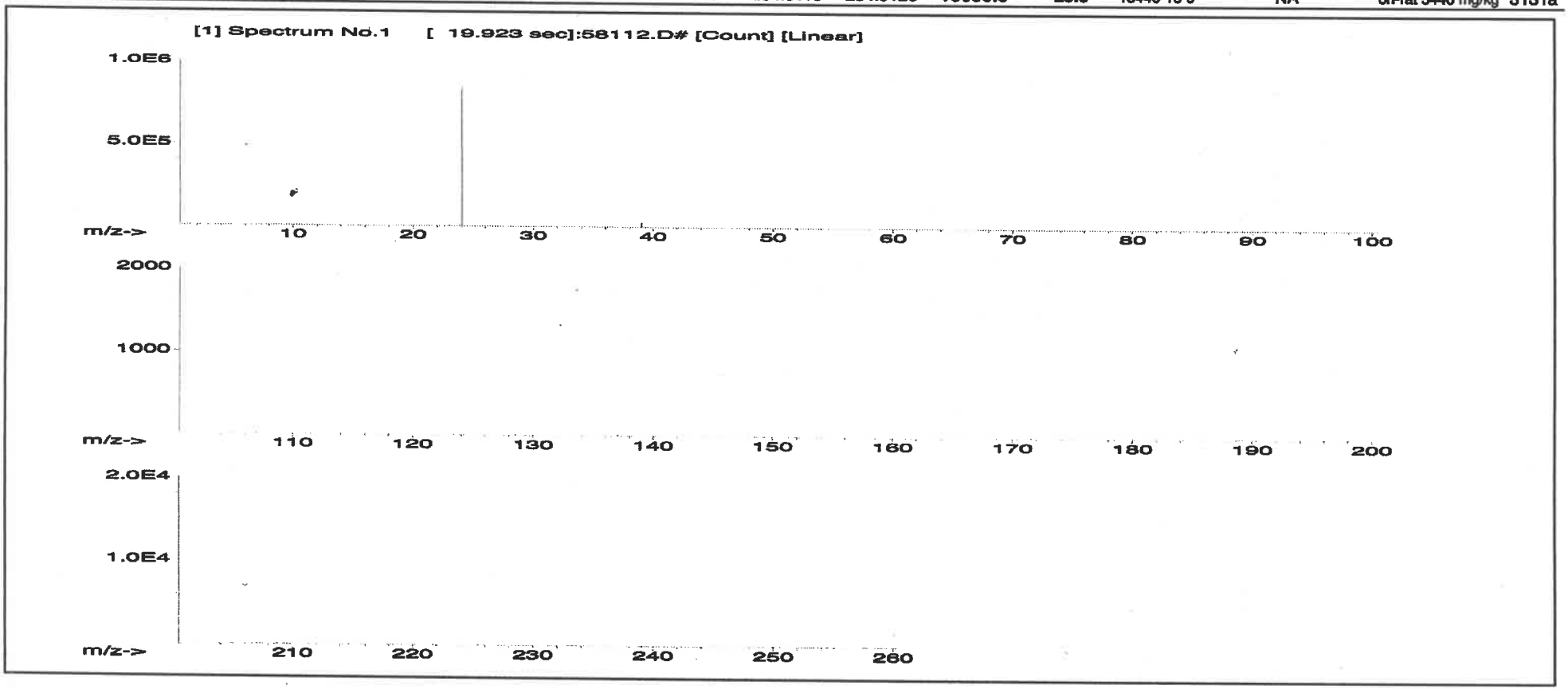
5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	orl-rat 5440 mg/kg	3131a



19766

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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Certified Reference Material CRM

R: 02/09/24 M5798

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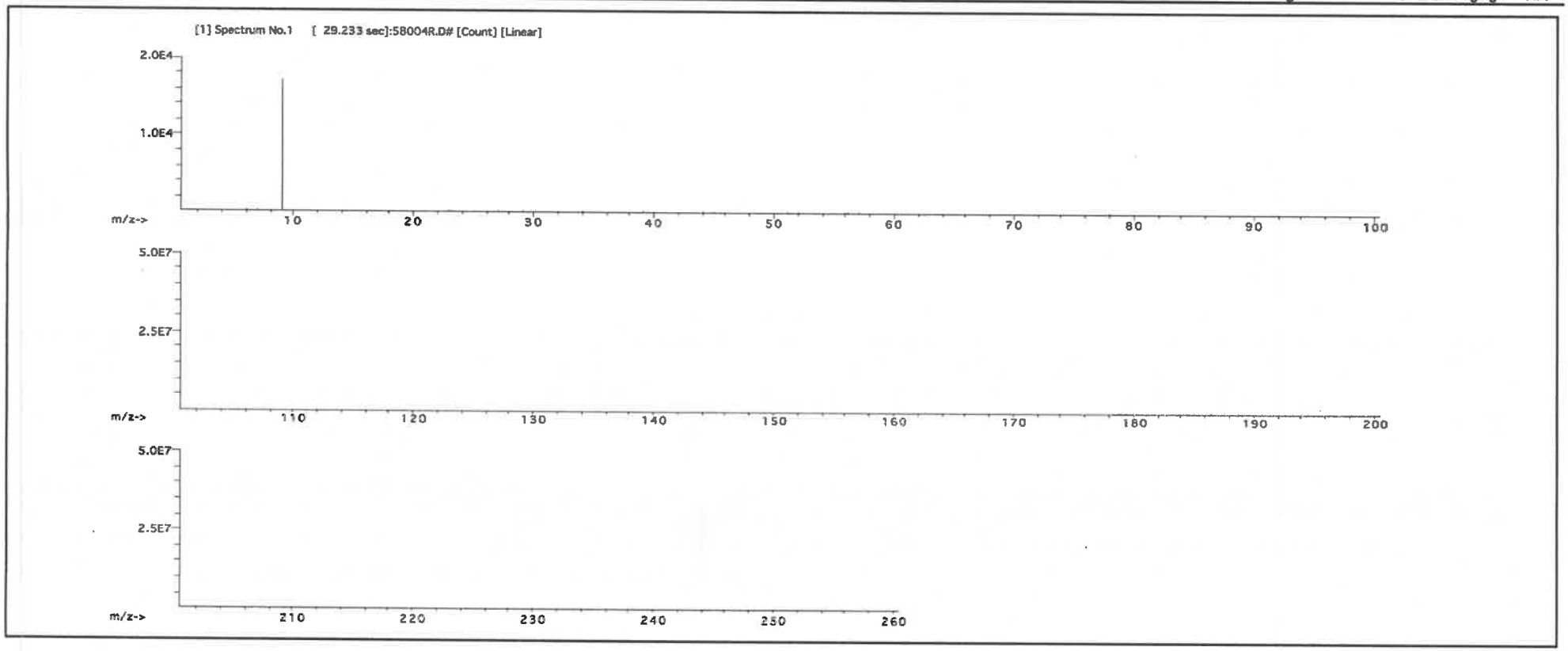
1977

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57004**	24002546	Nitric Acid		
Lot Number:	**102523**				
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	102526				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1978

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1979

CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

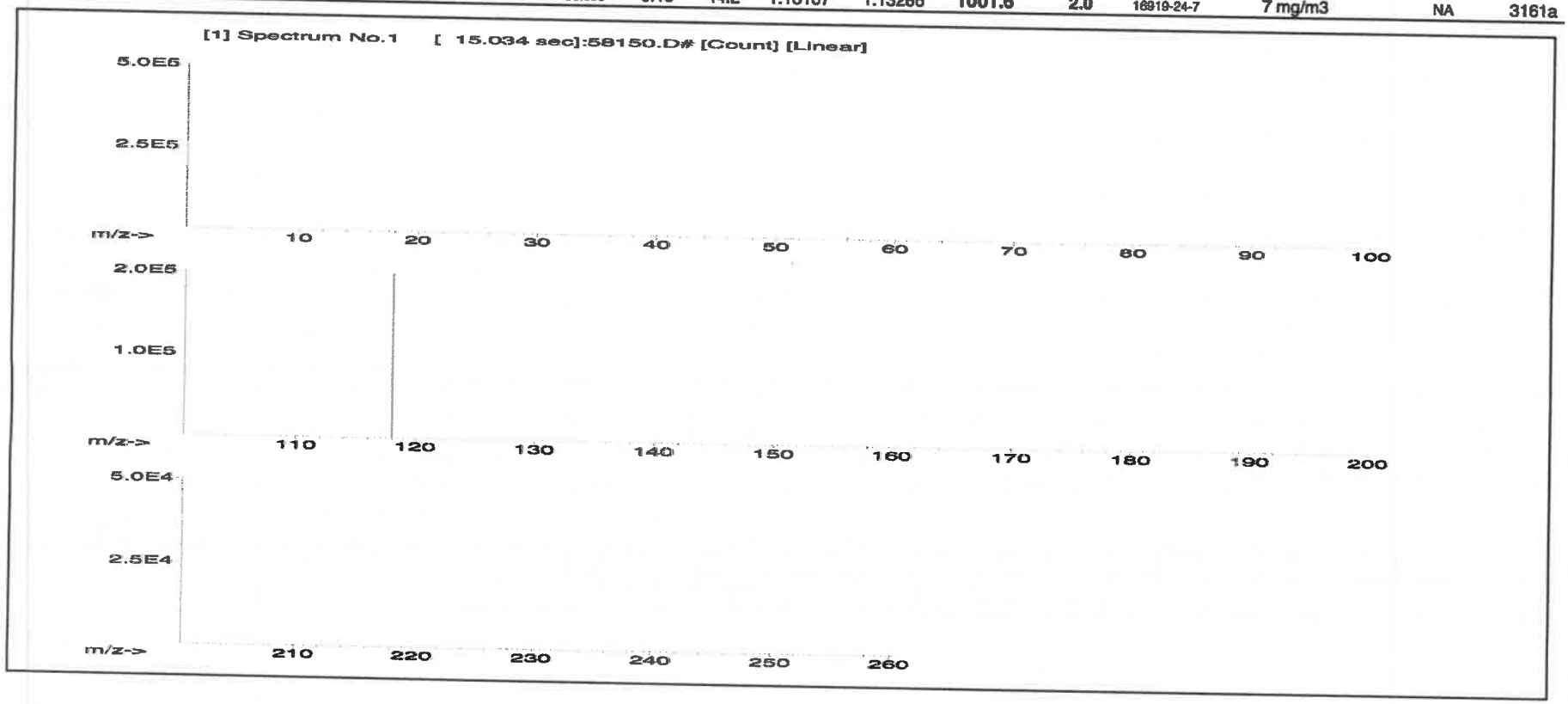
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	Lot #		
Solvents:	21110221	Nitric Acid	
	22D0562008	Hydrochloric acid	
2%	10.0	Nitric Acid	
6%	30.0	Hydrochloric acid	
	(mL)		

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Benson Chan	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorostannate(IV) (Sn)	IN010	SND042023A1	1000	99.999	0.10	44.2	1.13107	1.13286	**1001.6**	**2.0**	16919-24-7	7 mg/m3	NA	3161a



1980

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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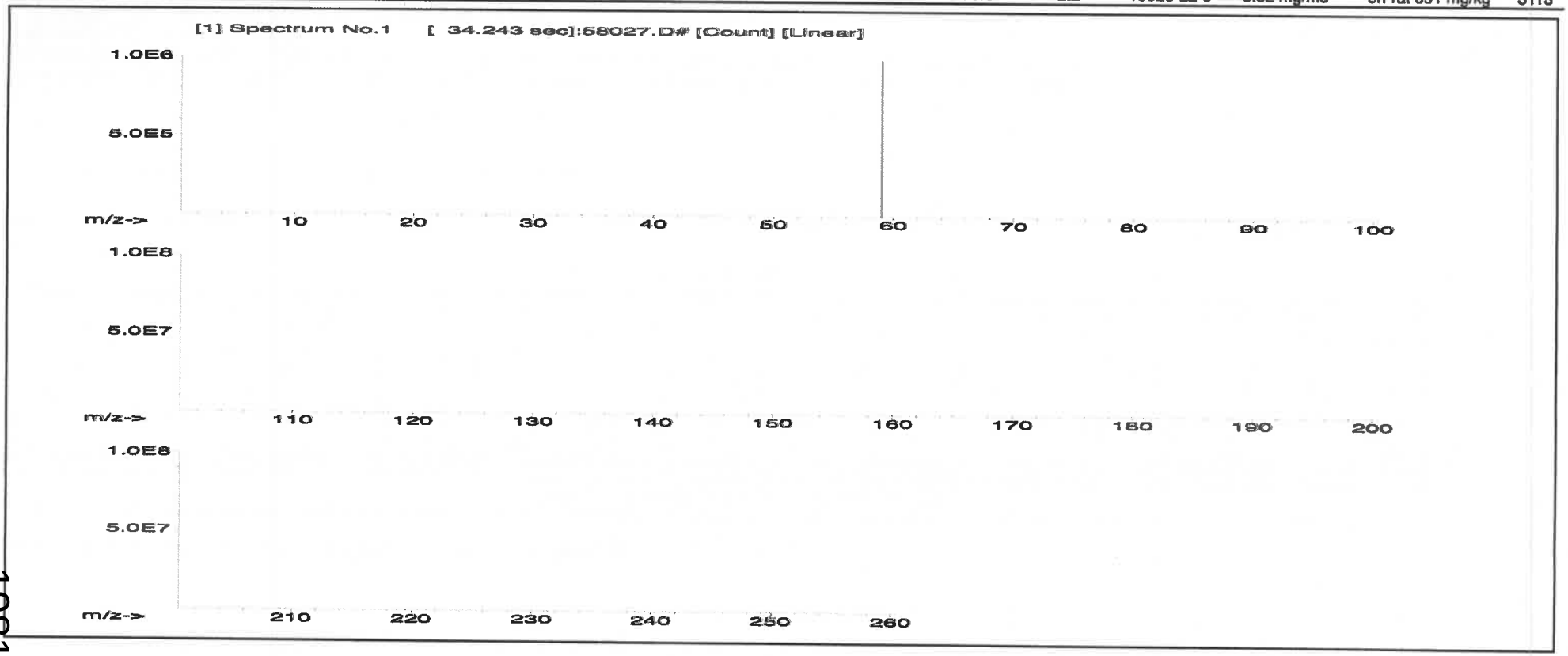
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By: Lawrence Barry 091923

Reviewed By: Pedro L. Rentas 091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	2.2	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



1981

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1982

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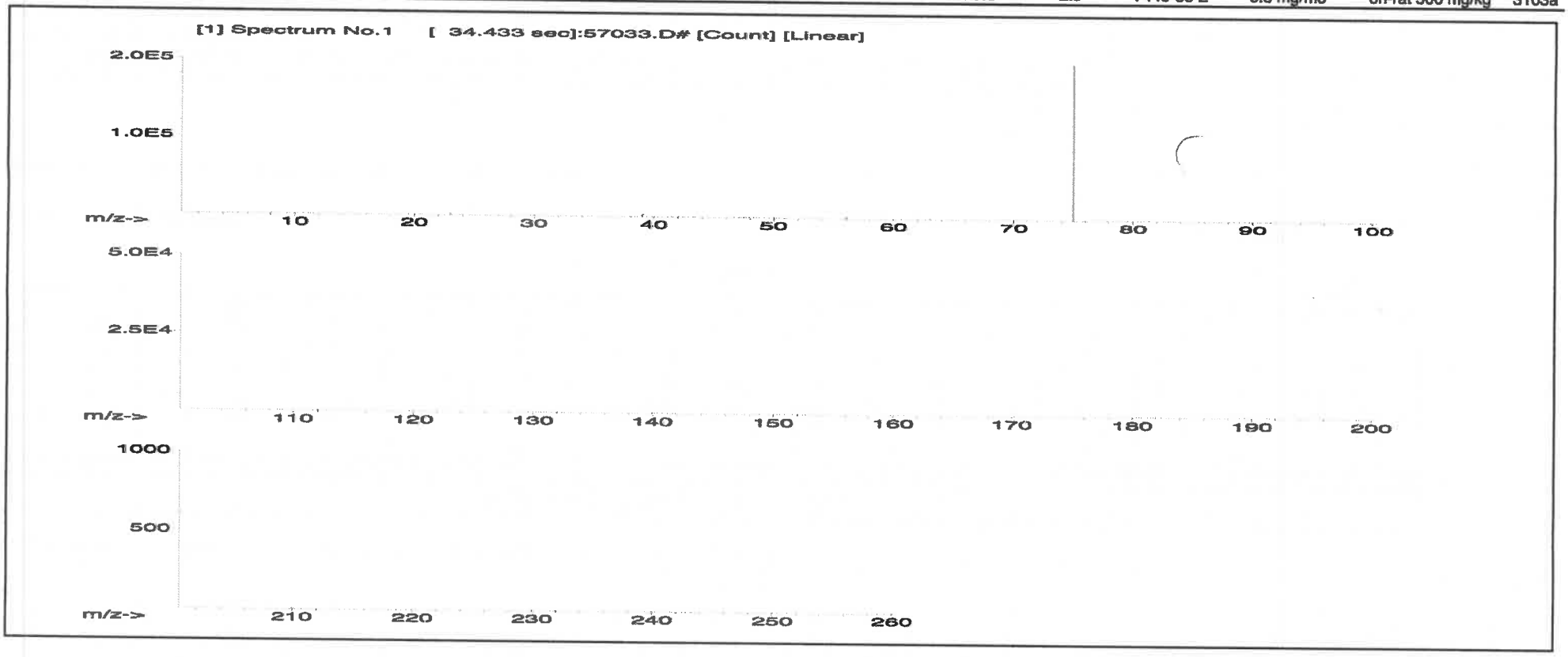
1983

CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**				
Lot Number:	**111323**	24002546	Nitric Acid		
Description:	**Arsenic (As)**				
		2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



1984

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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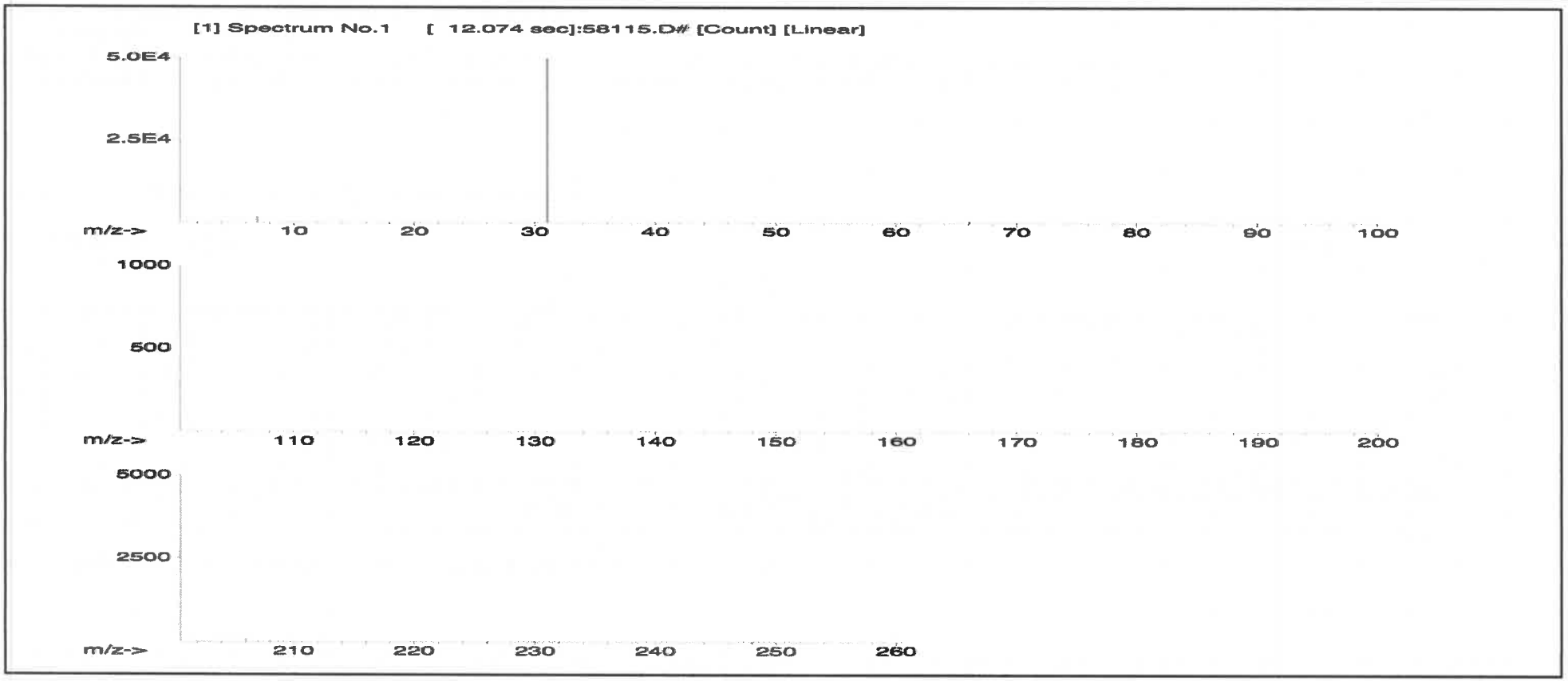
1985

CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



1986

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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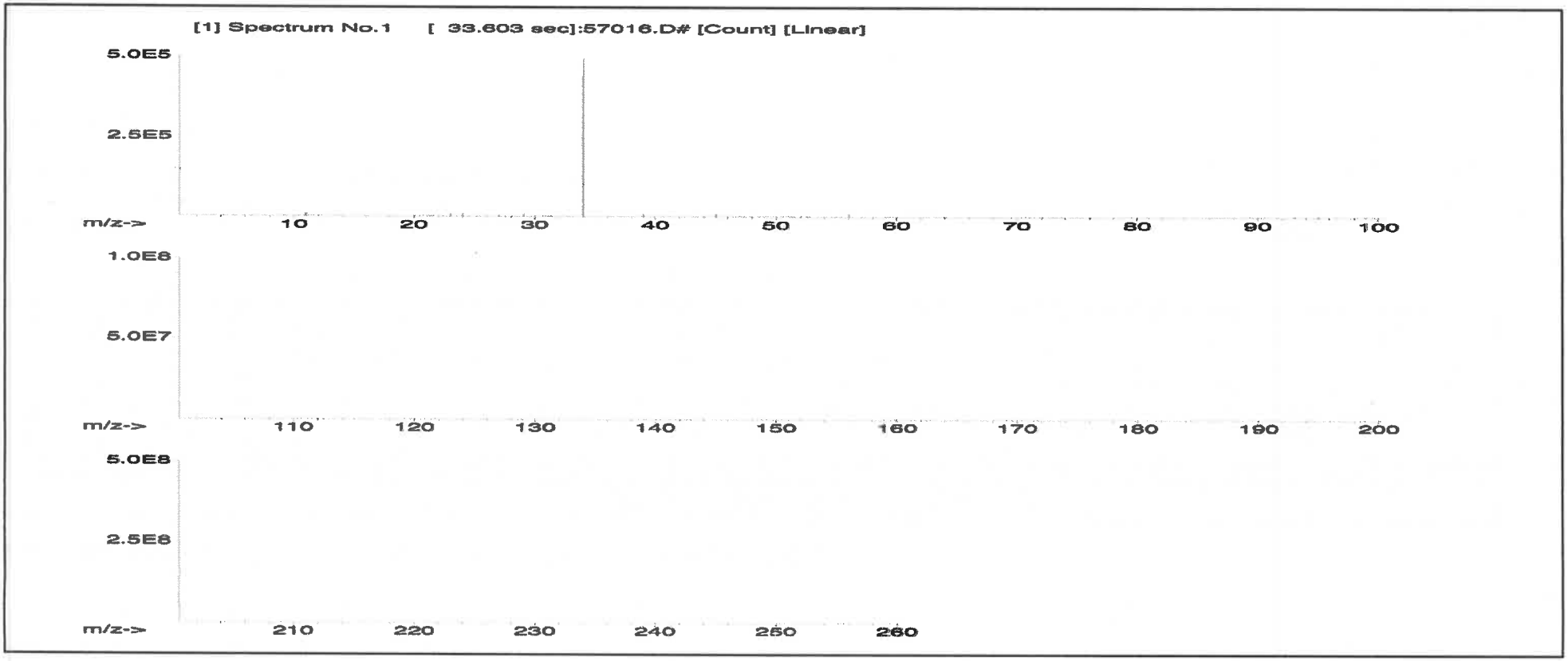
1987

CERTIFIED WEIGHT REPORT:

Part Number:	**57016**		**Solvent:**	Lot # 122923	ASTM Type 1 Water
Lot Number:	**122923**				
Description:	**Sulfur (S)**				
Expiration Date:	122926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Benson Chan	122923
Reviewed By:	Pedro L. Rentas	122923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	1000	99.9	0.10	24.3	16.4979	16.4980	**1000.0**	**2.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



1988

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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R: 02/09/24 M5817

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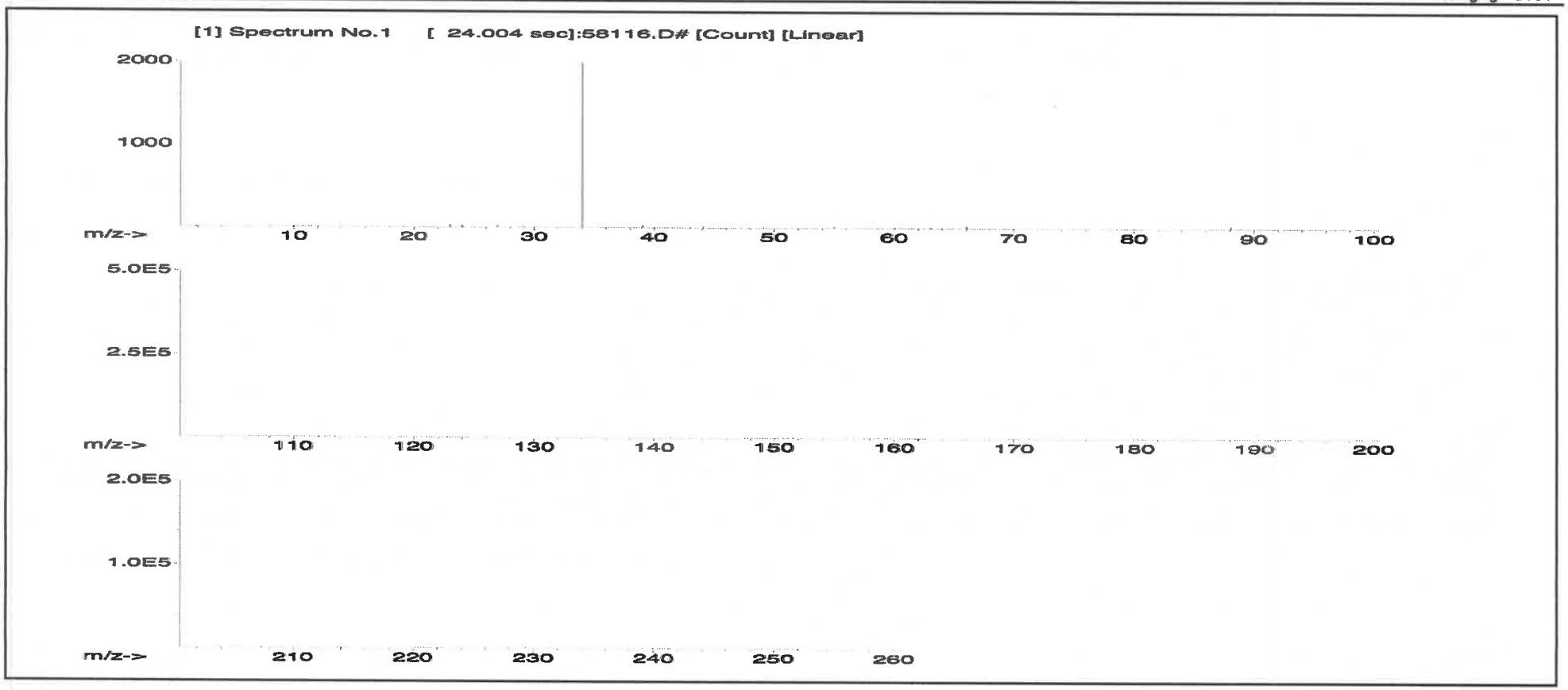
1989

CERTIFIED WEIGHT REPORT:

Part Number:	**57116**		**Lot #**	
Lot Number:	**071123**	**Solvent:**	071123	ASTM Type 1 Water
Description:	**Sulfur (S)**			
Expiration Date:	071126			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	1999.48	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



1990

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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1991

CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1999.48 ± 0.058 Flask Uncertainty

Lot #

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

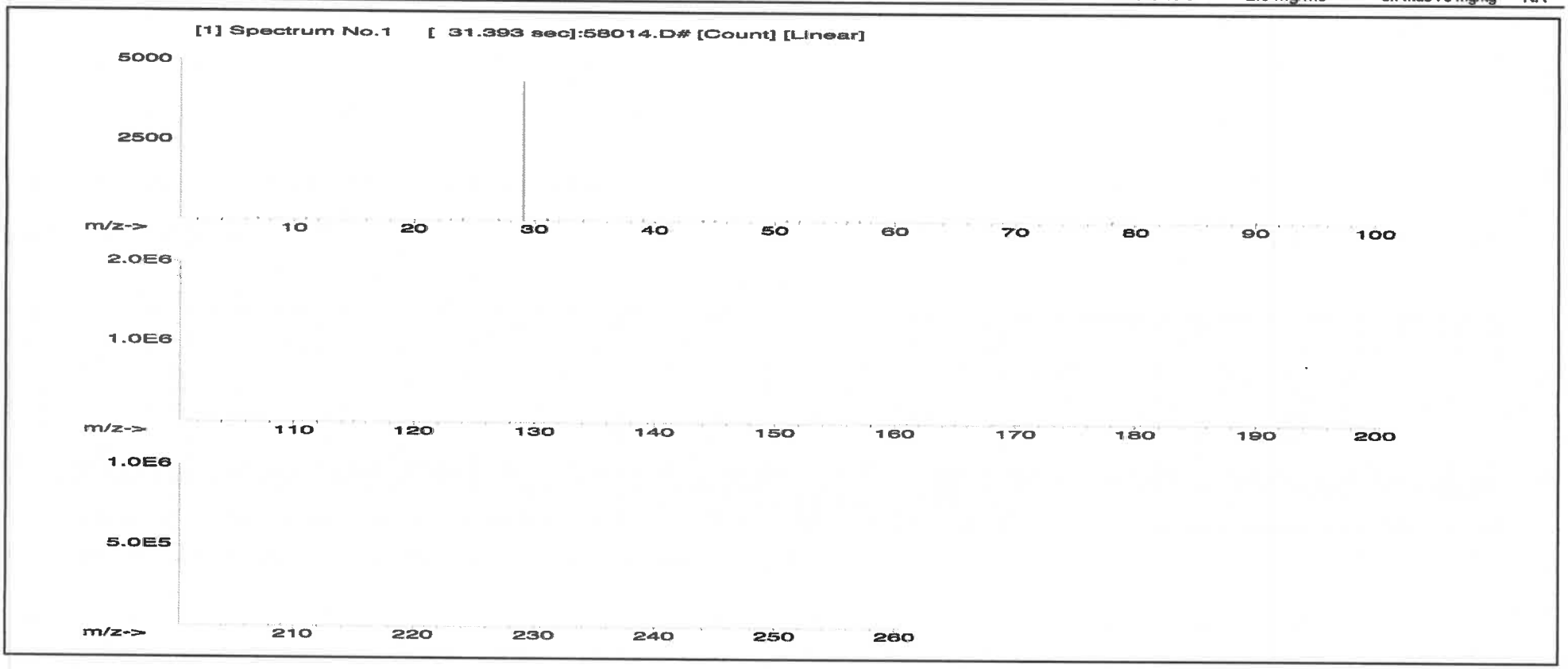
Aleah O'Brady

Formulated By: Aleah O'Brady 122023

Pedro Rentas

Reviewed By: Pedro L. Rentas 122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



1992

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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1993

CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

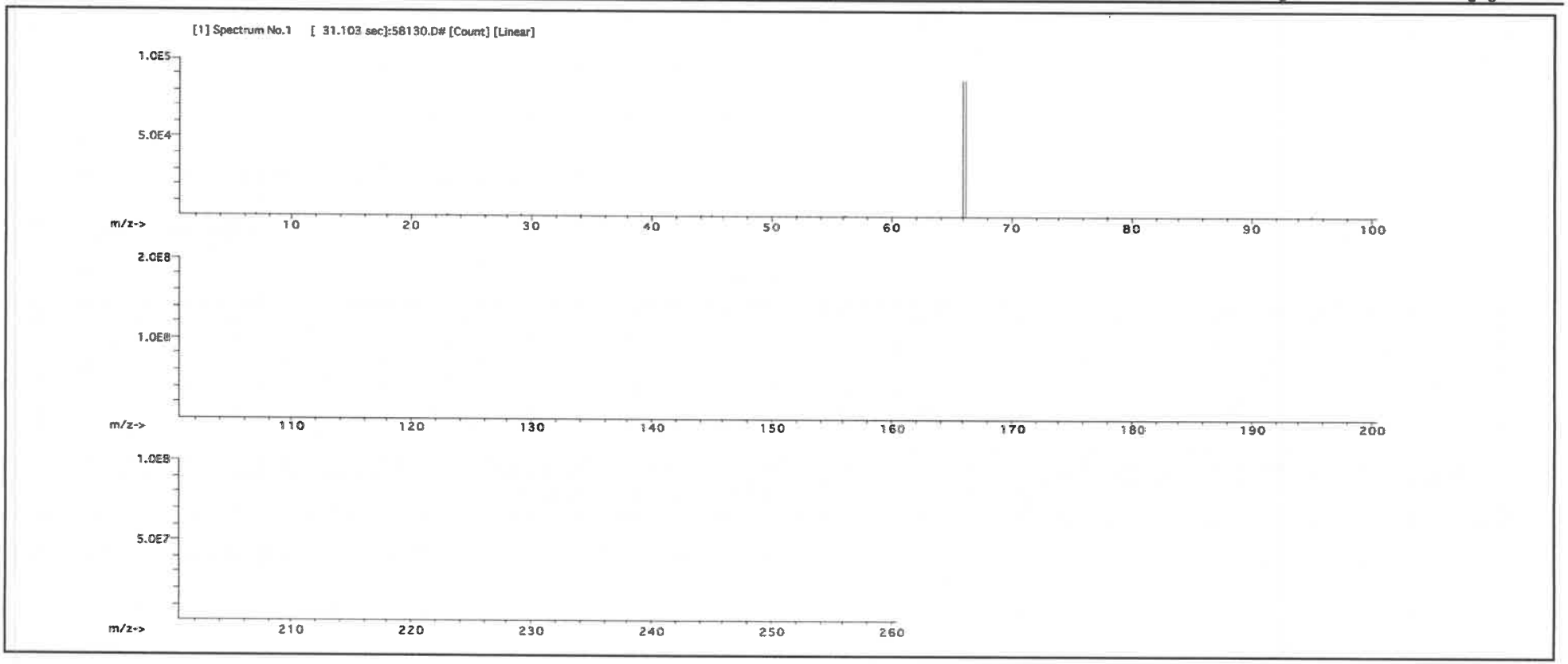
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



1994

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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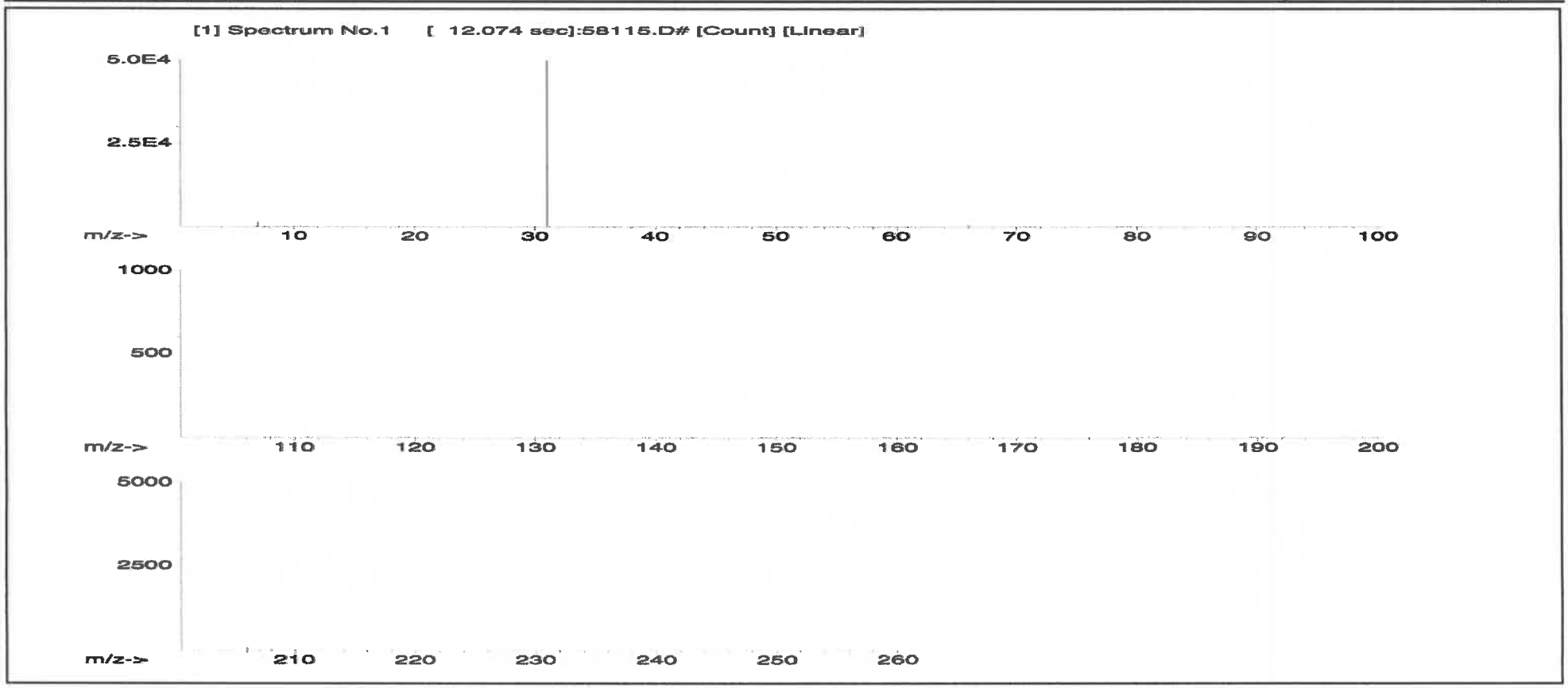
1995

CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Solvent:**	**Lot #** 24002546	Nitric Acid
Lot Number:	**091123**				
Description:	**Phosphorous (P)**		2%	40.0 (mL)	Nitric Acid
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



1996

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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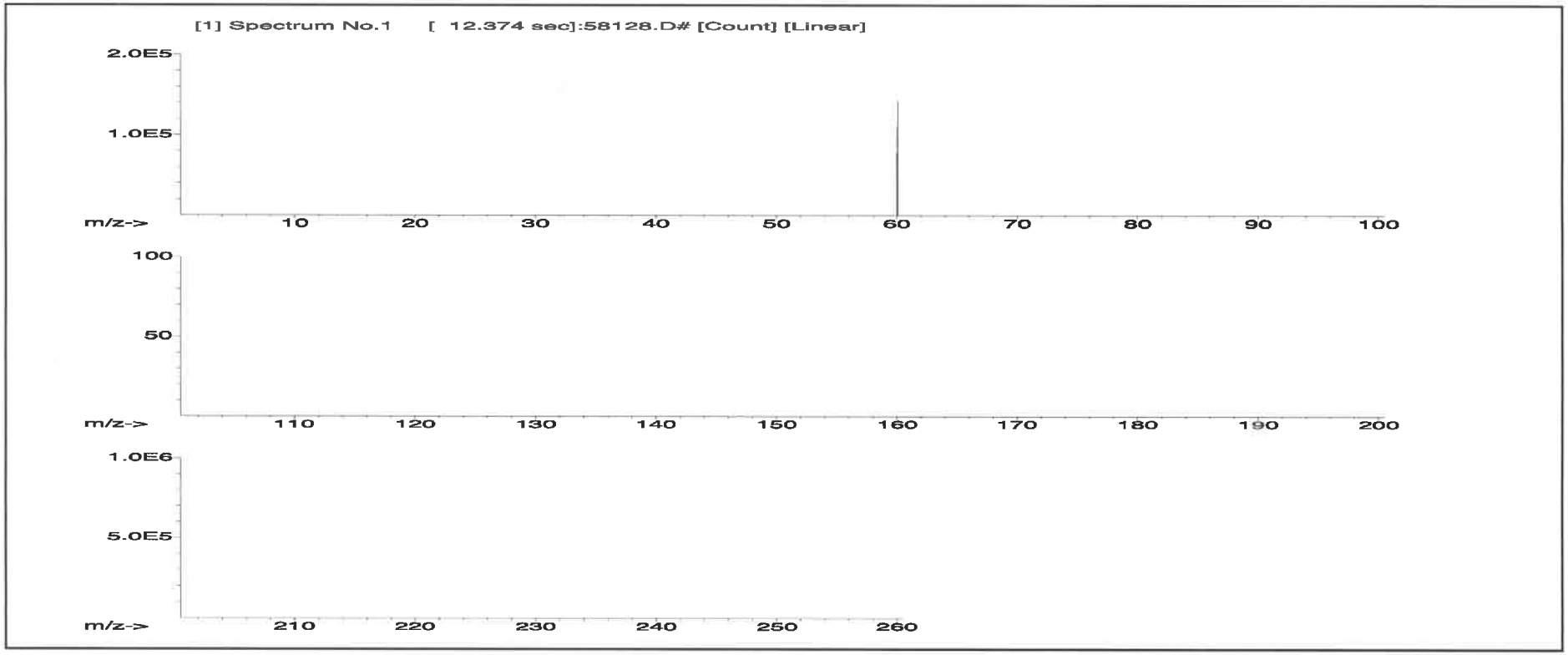
1997

CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57028**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**041124**			
Description:	**Nickel (Ni)**			
		2%	5.0 (mL)	Nitric Acid
Expiration Date:	041127			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	249.85	0.002	Flask Uncertainty	

Formulated By:	Brian Geddes	041124
Reviewed By:	Pedro L. Rentas	041124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Nickel(II) nitrate hexahydrate (Ni)	IN033	NIM052023A1	1000	99.999	0.10	20.2	1.2369	1.2369	**1000.0**	**2.0**	13478-00-7	1 mg/m3	orl-rat 1620 mg/kg	3136



19988

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	T	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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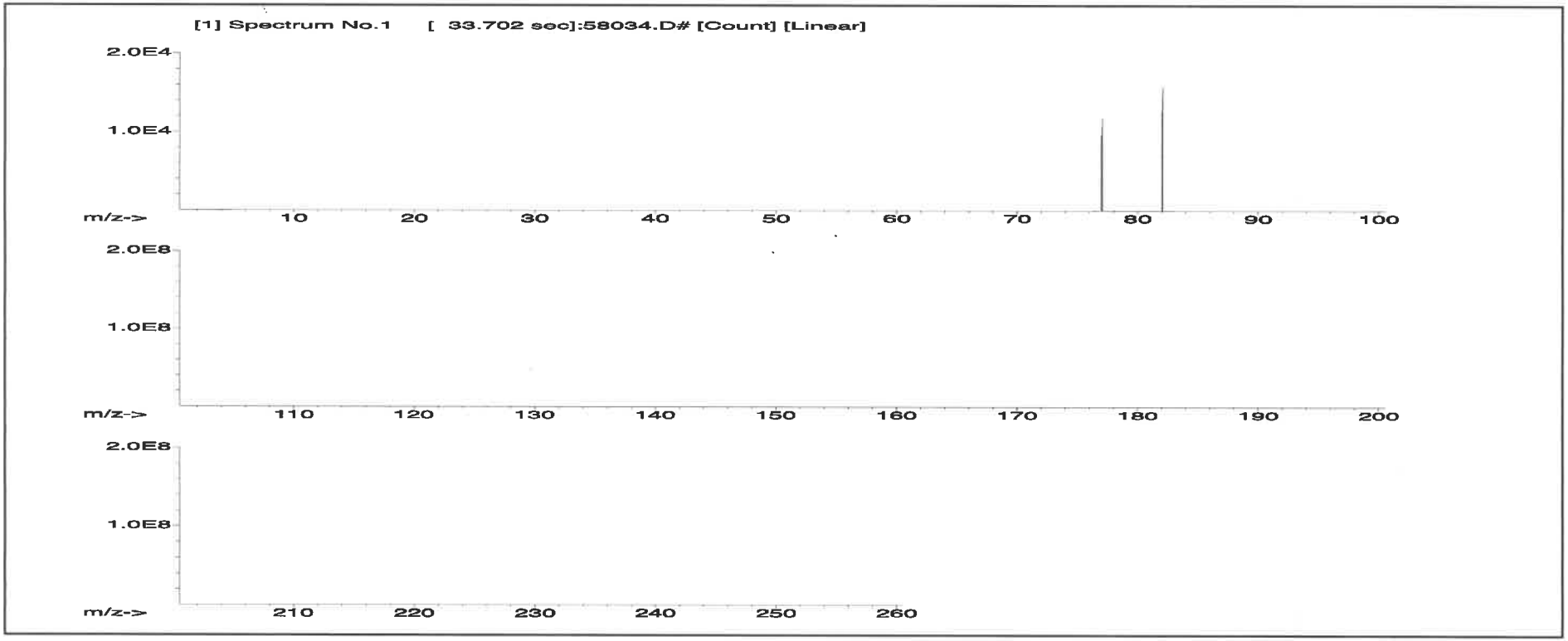
1999

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57034**	24002546	Nitric Acid	
Lot Number:	**060624**			
Description:	**Selenium (Se)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060627			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan	060624
Reviewed By:	Pedro L. Rentas	060624

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Selenium (Se)	58134	071223	0.1000	200.0	0.084	1000	10002.5	**1000.0**	**2.2**	7782-49-2	0.2 mg/m3	orl-rat 6700 mg/kg	3149



2000

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

2001

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

2002

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation

Certificate Approved By:

Michael Booth
Director, Technical

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

2005

M5978, M5979

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
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inorganicventures.com

R: 2/22/24

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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$
w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma(w_i)^2\ (u_{char\ i})^2]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty
u_{lts} = long term stability standard uncertainty (storage)
u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with
$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization
u_{bb} = bottle to bottle homogeneity standard uncertainty
u_{lts} = long term stability standard uncertainty (storage)
u_{ts} = transport stability standard uncertainty

2006

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

2007

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

2008

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

H5981 R:6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57092**	24002546	Nitric Acid		
Lot Number:	**060724**				
Description:	**Uranium (U)**				
		2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	060727				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

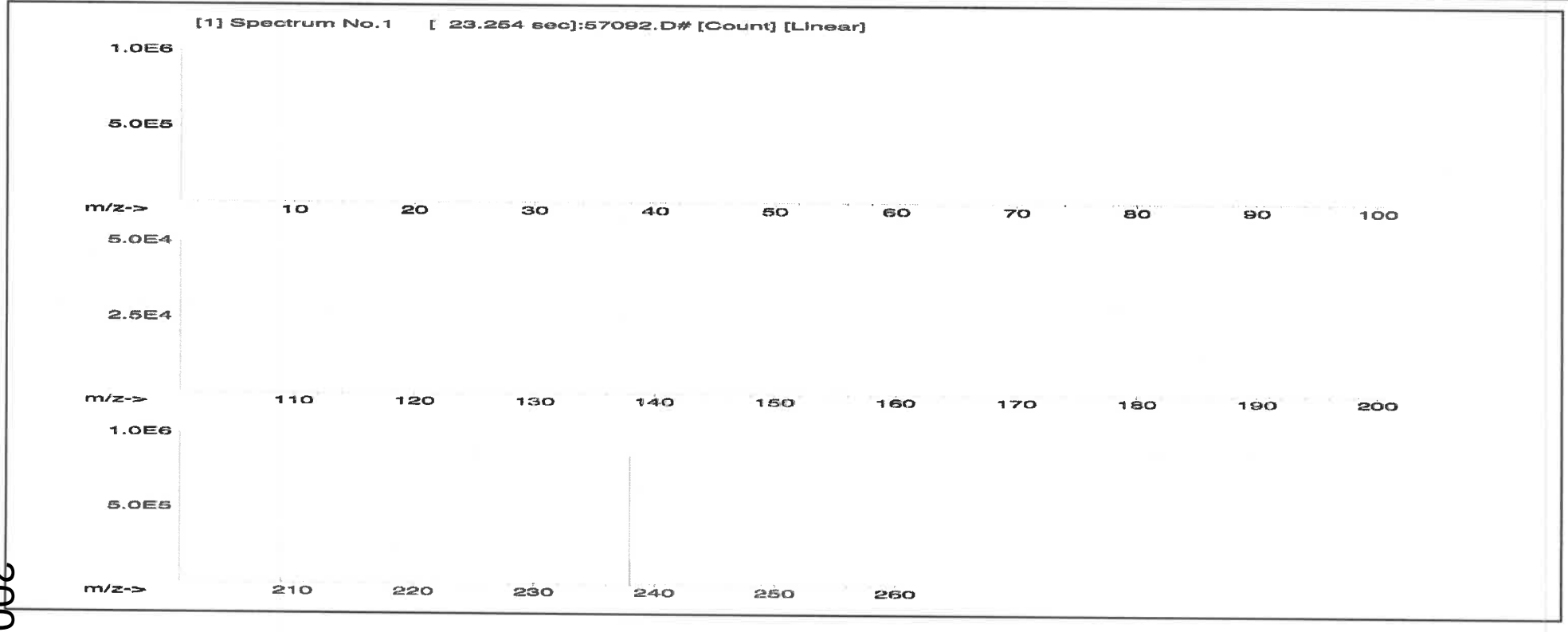
Giovanni Esposito

Formulated By:	Giovanni Esposito	060724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	060724

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Uranyl nitrate hexahydrate (U)	58192	041524	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13520-83-7	0.05 mg/m3	orl-rat 1040 mg/kg	3164



2009

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	T
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

2010

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

45982 R: 6/11/24

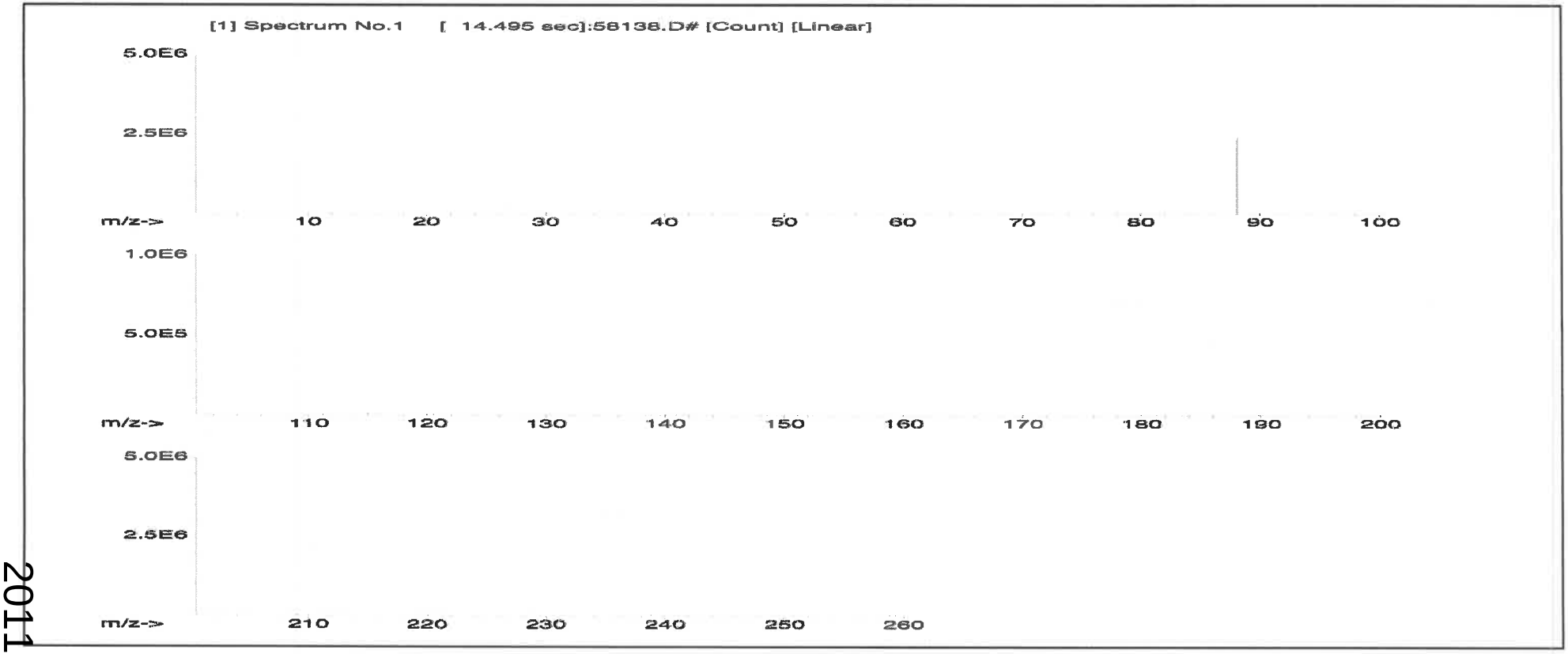
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57038**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**031524**			
Description:	**Strontium (Sr)**			
		2%	40.0 (mL)	Nitric Acid
Expiration Date:	031527			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan 031524
Reviewed By:	Pedro L. Rentas 031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



2011

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

2012

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5983 R: 6/11/24

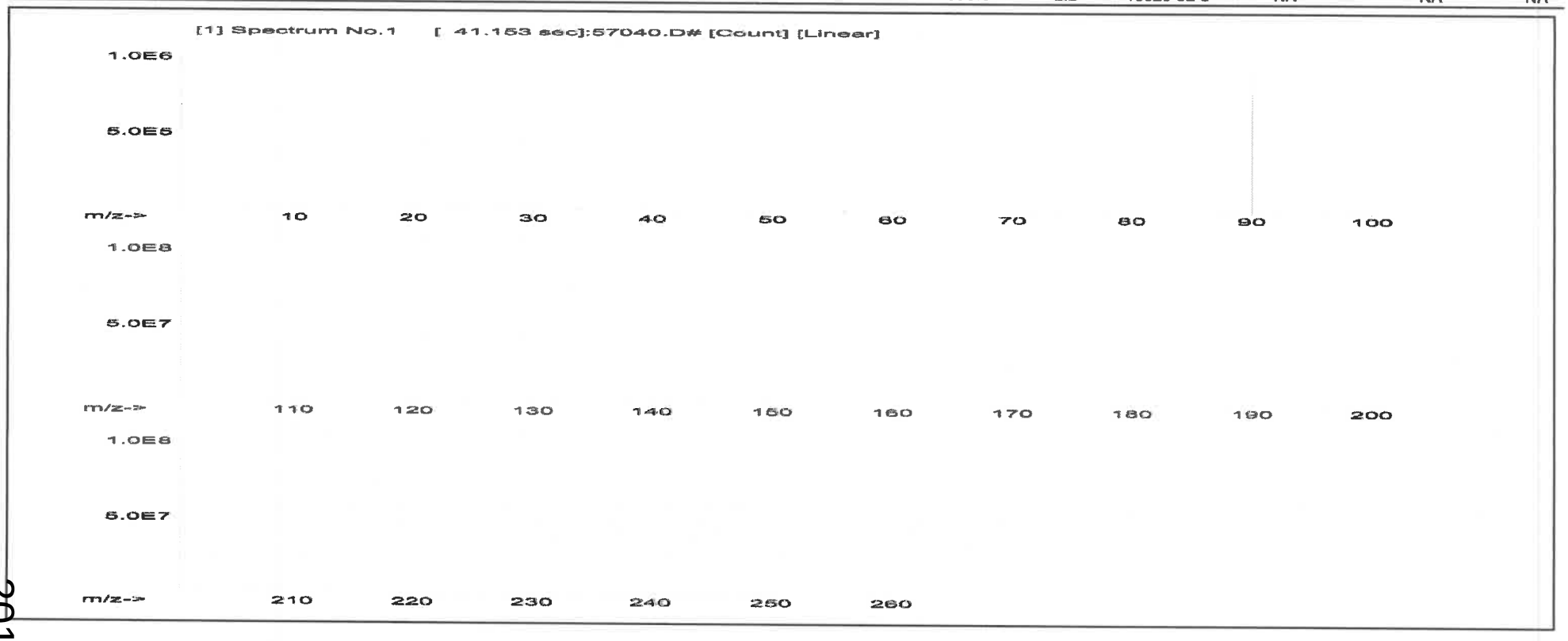
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	57040	21110221	Nitric Acid	
Lot Number:	071423			
Description:	Zirconium (Zr)	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071426			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071423
Reviewed By:	Pedro L. Rentas	071423

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zirconyl chloride octahydrate (Zr)	58140	070621	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	13520-92-8	NA	NA	NA



2013

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

2014

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

2015

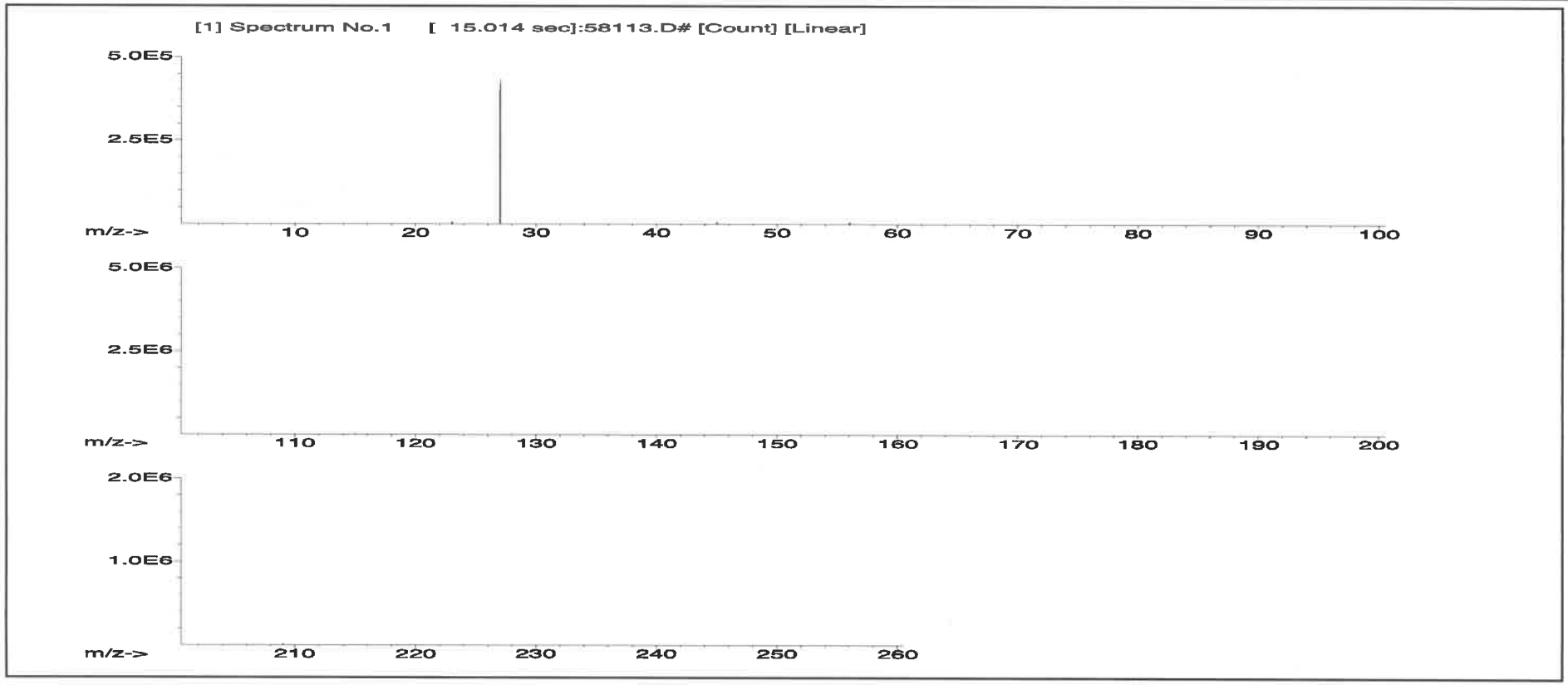
CERTIFIED WEIGHT REPORT:

				Lot #	
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

2016

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

2018

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

R 18/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	IV-STOCK-12
Lot Number:	U2-MEB734294
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.01 ± 0.04 µg/mL	Beryllium, Be	10.01 ± 0.05 µg/mL
Bismuth, Bi	10.01 ± 0.06 µg/mL	Cerium, Ce	10.01 ± 0.04 µg/mL
Cobalt, Co	10.01 ± 0.05 µg/mL	Indium, In	10.01 ± 0.04 µg/mL
Lead, Pb	10.00 ± 0.04 µg/mL	Lithium, Li	10.01 ± 0.04 µg/mL
Nickel, Ni	10.01 ± 0.04 µg/mL	Uranium, U	10.01 ± 0.05 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

2019

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ba	ICP Assay	3104a	140909
Ba	Calculated		See Sec. 4.2
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Bi	ICP Assay	3106	180815
Ce	ICP Assay	3110	160830
Ce	EDTA	928	928
Ce	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Co	Calculated		See Sec. 4.2
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Calculated		See Sec. 4.2
Li	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Ni	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
U	ICP Assay	traceable to 3164	R2-U689597
U	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Uranium 238U	99.8 ± 0.1
Uranium 235U	0.19 ± 0.05

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

2020

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

2022

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

M6094
M6095.

metdig
10/21/24.

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid-base titrn)	36.5 – 38.0 %	37.6 %
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.192
ACS – Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS – Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS – Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities – Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities – Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities – Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities – Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities – Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities – Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities – Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

2023

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities - Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities - Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities - Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities - Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities - Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities - Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

2025

Nitric Acid 69%
CMOS

M6112
M6113
M6114
M6115
M6116
M6117

Receive:
9/29/24
Met dig

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.6 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	< 1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	< 0.2 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

2026

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	3 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	1 par/ml

>>> Continued on page 3 >>>

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

2028

Nitric Acid 69%
CMOS

M6112
M6113
M6114
M6115
M6116
M6117

Receive:
9/29/24
Met dig

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.6 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	< 1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	< 0.2 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

2029

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	3 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	1 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

2031

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

2032

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 122223
Description: Sodium (Na)

Expiration Date: 122226
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

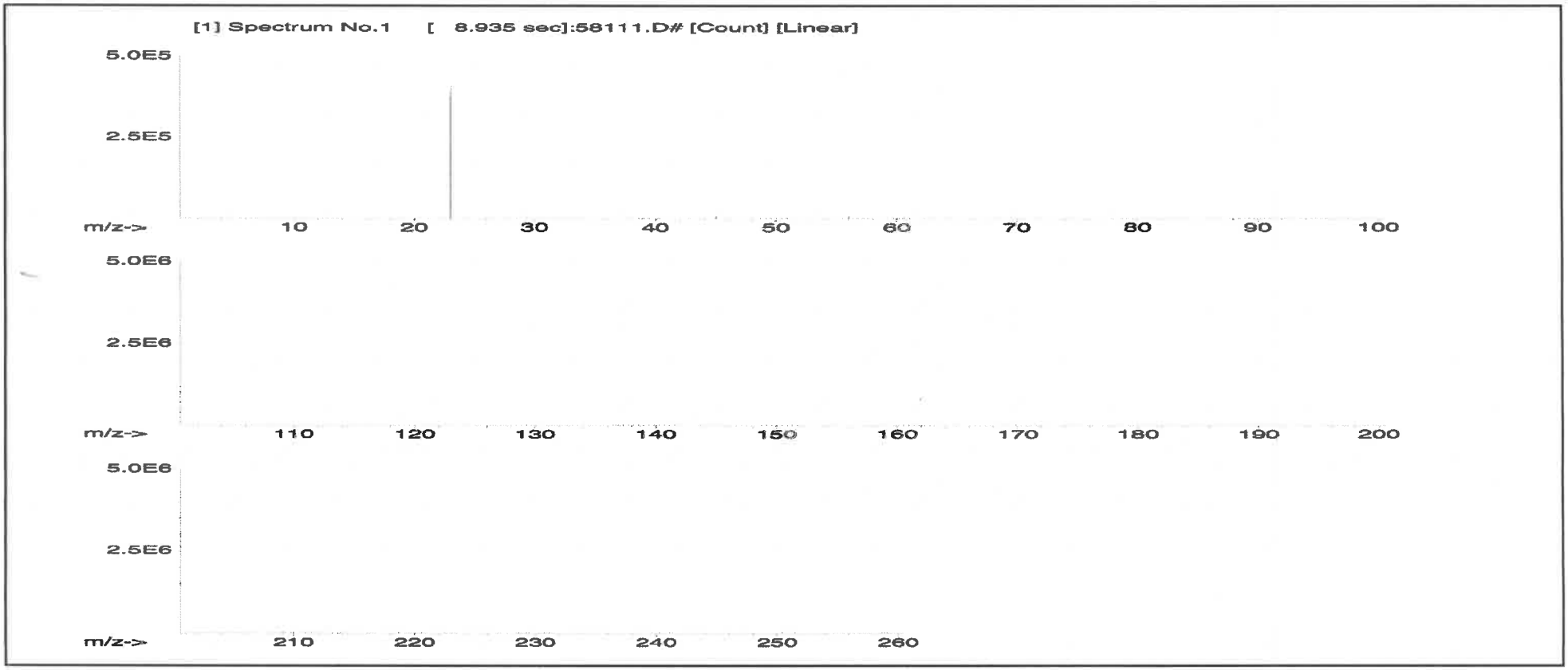
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	60.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



2033

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES

Refine your results. Redefine your industry.

A: 4/11/22

Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 — ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020ISS
Lot Number:	S2-MEB709511
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
6-Lithium, Li6	10.00 ± 0.03 µg/mL	Bismuth, Bi	10.00 ± 0.05 µg/mL
Holmium, Ho	10.00 ± 0.05 µg/mL	Indium, In	10.00 ± 0.04 µg/mL
Rhodium, Rh	10.00 ± 0.07 µg/mL	Scandium, Sc	10.00 ± 0.04 µg/mL
Terbium, Tb	10.00 ± 0.04 µg/mL	Yttrium, Y	10.00 ± 0.04 µg/mL

Density: 1.035 g/mL (measured at 20 ± 4 °C)

Assay Information:

2034

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Bi	ICP Assay	3106	180815
Bi	Calculated		See Sec. 4.2
Ho	ICP Assay	3123a	090408
Ho	EDTA	928	928
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li6	Gravimetric		See Sec. 4.2
Rh	ICP Assay	3144	070619
Sc	ICP Assay	3148a	100701
Sc	EDTA	928	928
Tb	ICP Assay	3157a	100518
Tb	EDTA	928	928
Tb	Calculated		See Sec. 4.2
Y	ICP Assay	3167a	120314
Y	EDTA	928	928
Y	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Lithium Li6	95.6 ± 0.3
Lithium Li7	4.4 ± 0.1

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- September 03, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

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R: 01/03/24 M5802, M5803

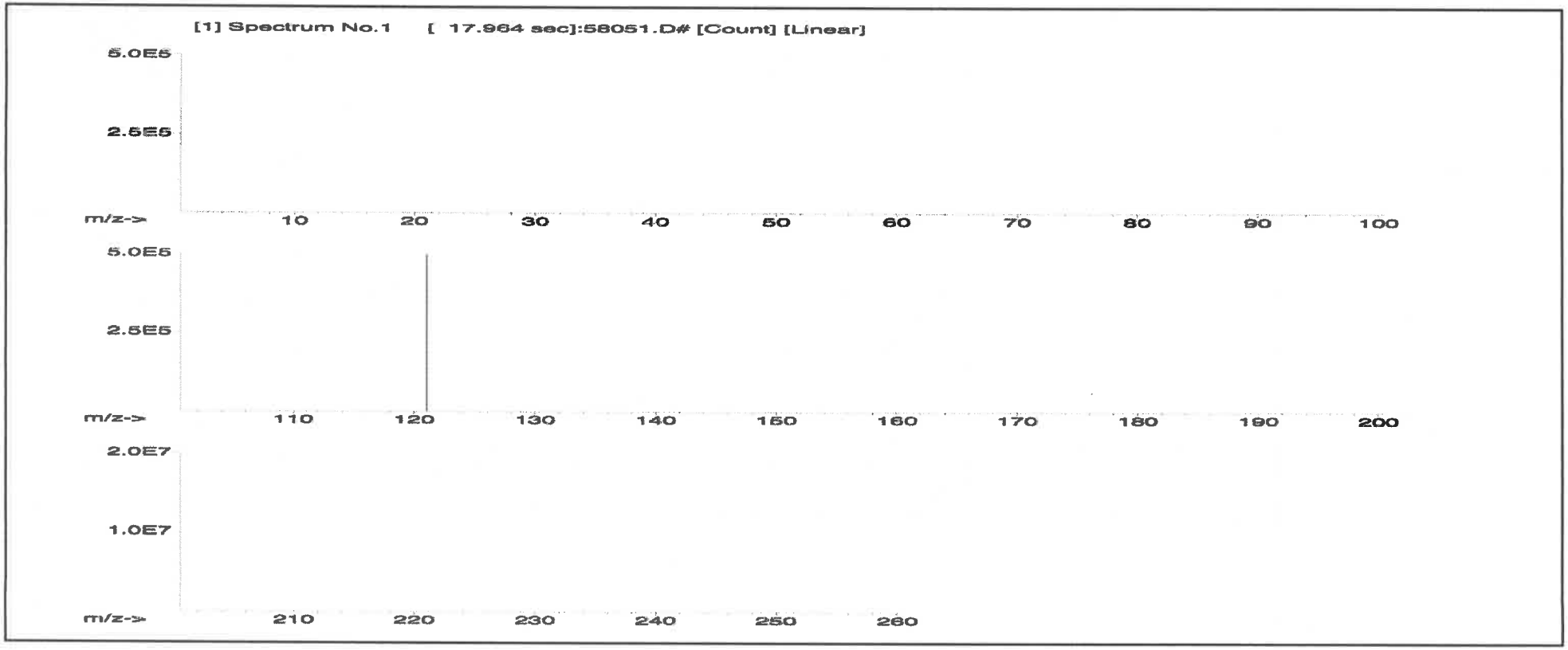
2042

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57051**	24002546	Nitric Acid		
Lot Number:	**120523**				
Description:	**Antimony (Sb)**				
		2.0%	60.0 (mL)	Nitric Acid	
Expiration Date:	120526				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



2043

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M6030

R: 8/5/24

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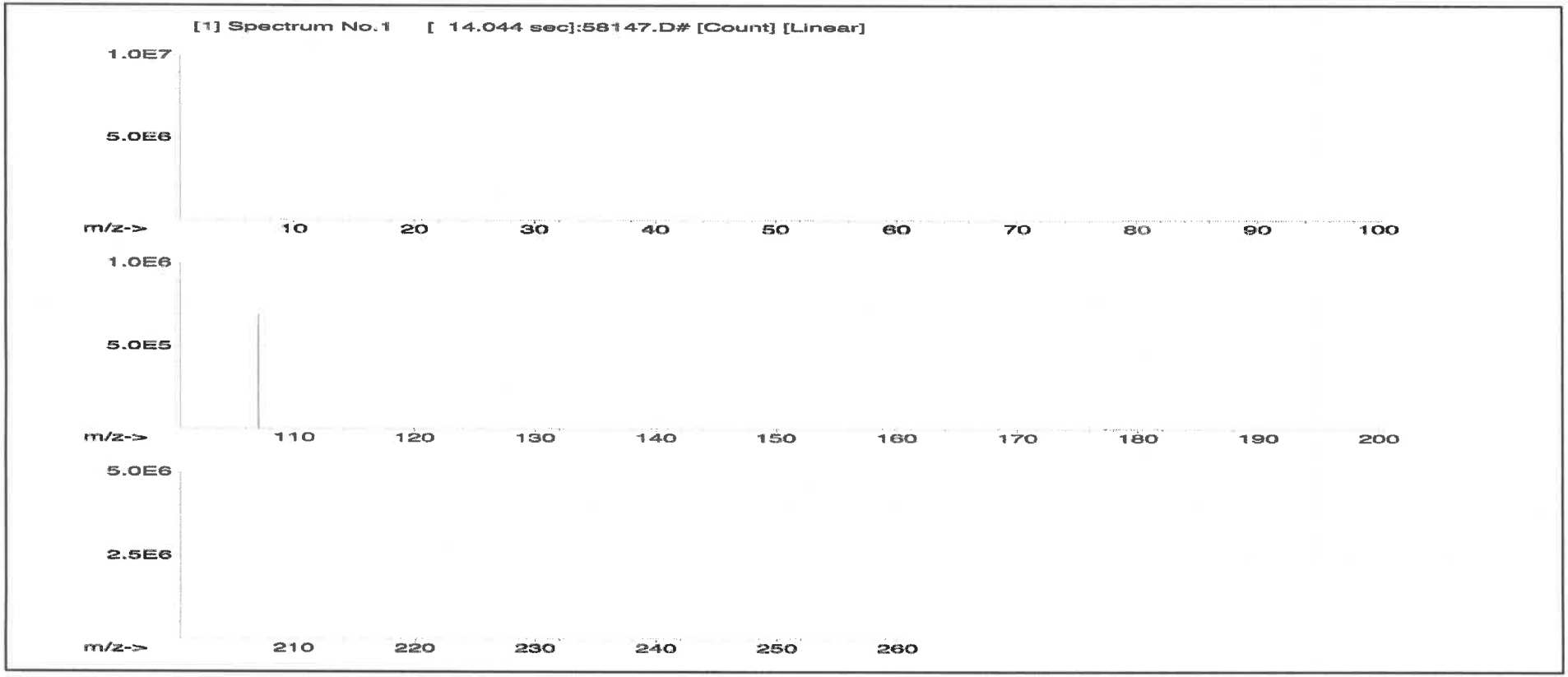
2044

CERTIFIED WEIGHT REPORT:

Part Number:	**57047**			**Lot #**	
Lot Number:	**122823**	**Solvent:**	24002546	Nitric Acid	
Description:	**Silver (Ag)**				
		2%	80.0 (mL)	Nitric Acid	
Expiration Date:	122826				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.30	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	122823
Reviewed By:	Pedro L. Rentas	122823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Silver nitrate (Ag)	IN035	J0612AGA1	1000.0	99.9999	0.10	63.7	6.27992	6.27998	**1000.0**	**2.0**	7761-88-8	10 ug/m3	NA	3151



2045

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 03/16/23 M5473, M5474, M5475, M5476

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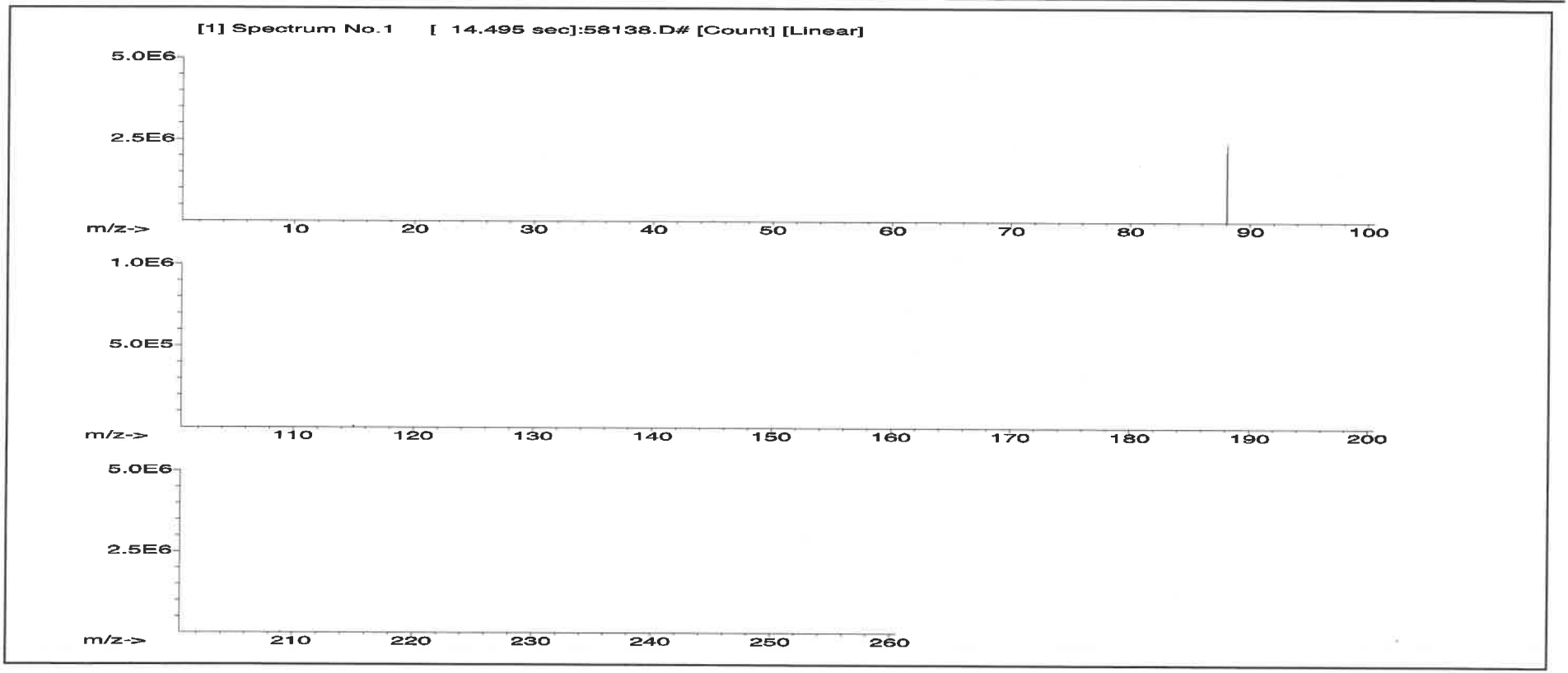
2046

CERTIFIED WEIGHT REPORT:

Part Number:	**56138**		**Lot #**		
Lot Number:	**082922**	**Solvent:**	20510011	Nitric Acid	
Description:	**Strontium (Sr)**	2%	20.0 (mL)	Nitric Acid	
Expiration Date:	082925				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	1000.12	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M6023

R ! 8/5/24

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2048

CERTIFIED WEIGHT REPORT:

Part Number:	**57081**		**Lot #**		
Lot Number:	**062724**	**Solvent:**	24002546	Nitric Acid	
Description:	**Thallium (Tl)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	062727				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.1	0.10	Flask Uncertainty		

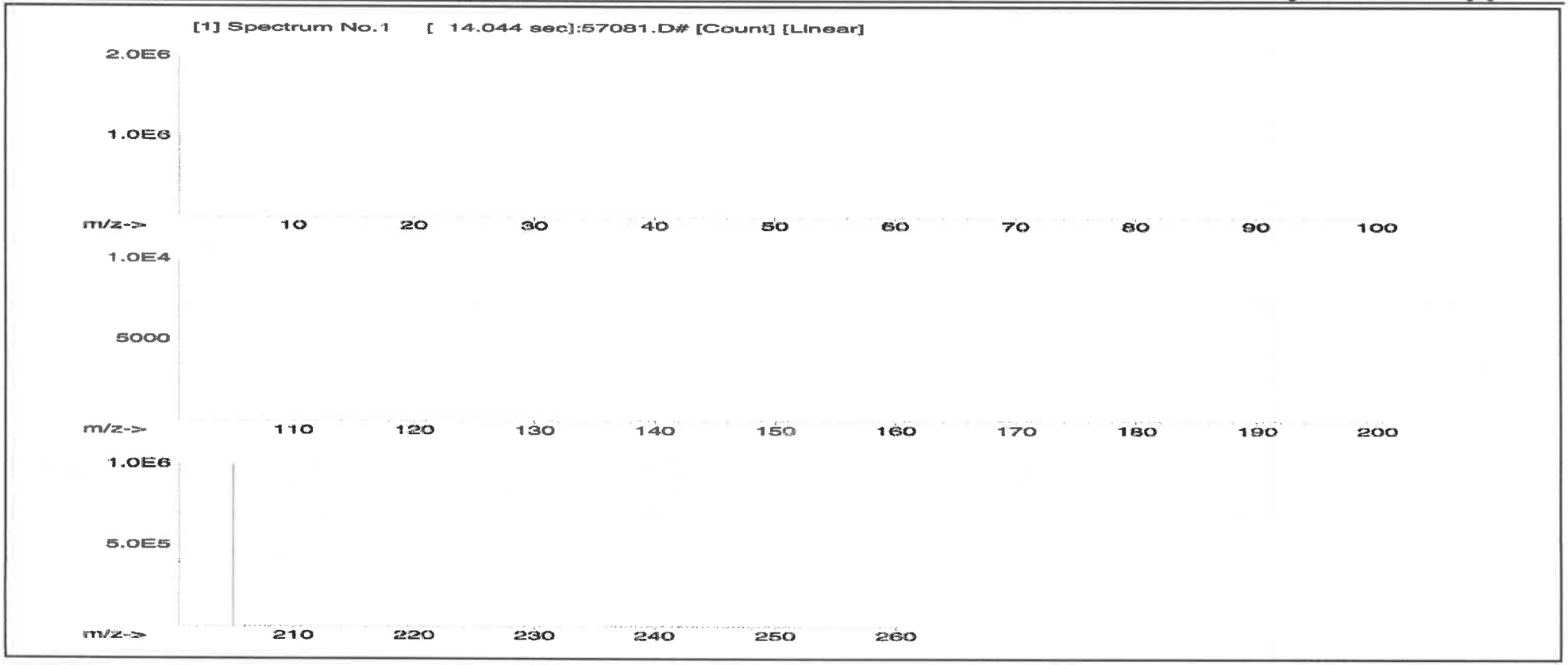
Aleah O'Brady

Formulated By:	Aleah O'Brady	062724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062724

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Thallium nitrate (Tl)	IN037	BCCF4399	1000	99.999	0.10	77.0	2.5975	2.5977	**1000.1**	**2.0**	10102-45-1	0.1 mg/m3	orl-mus 15mg/kg	3158



2049

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M6021

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

Rc. 8/5/24

2050

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**	24002546	Nitric Acid	
Lot Number:	**062424**			
Description:	**Vanadium (V)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

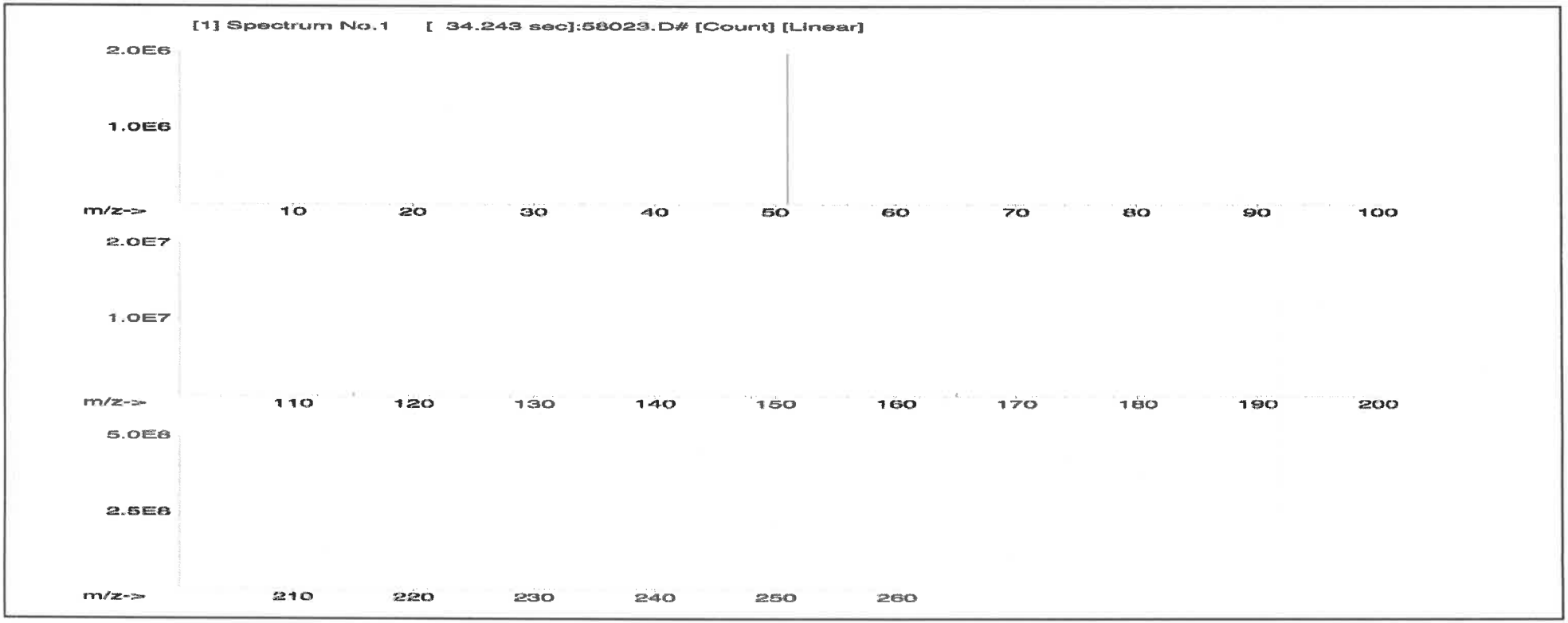
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



2051

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164601

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYE4Y7

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #5 2. N/A

Start Digest Date: 11/03/2024 **Time :** 10:00 **Temp :** 95 °C

End Digest Date: 11/03/2024 **Time :** 13:00 **Temp :** 95 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: JSP

Supervisor Signature:

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	MP83046
LCSSD	0.50	MP83046
Spike Sol 1	0.3mL,0.3mL,0.027mL	M5565,M5657,M5962
Spike Sol 2	1.5mL,1.5mL,0.135mL	M5565,M5657,M5962
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP81119
1:1 HCL	5.00	MP82127
Conc. HNO3	5.00	M6112
30% H2O2	3.00	M5634
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #5 CELL #34 : 95 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/3/24 13:30	JSP Met dig	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164601

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4538-01	MYE4Y7	N/A	1.42	500	Brown	Yellow	Medium	N/A	N/A	1
P4538-02	MYE4Y8	N/A	1.41	500	Brown	Yellow	Medium	N/A	N/A	2
P4538-03	MYE4Y9	N/A	1.20	500	Brown	Yellow	Medium	N/A	N/A	3
P4538-04	MYE4Z0	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	4
P4538-05	MYE4Z1	N/A	1.22	500	Brown	Yellow	Medium	N/A	N/A	5
P4538-06	MYE4Z2	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	6
P4538-07	MYE4Z3	N/A	1.27	500	Brown	Yellow	Medium	N/A	N/A	7
P4538-08	MYE4Z4	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	8
P4538-09	MYE4Z5	N/A	1.19	500	Brown	Yellow	Medium	N/A	N/A	9
P4538-10	MYE4Z6	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	10
P4538-10MS	MYE4Z6MS RE JSP 11/3/24	N/A	1.41	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	11
~~P4538-10MSD~~	~~MYE4Z6MSD~~ JSP 11/3/24	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	N/A
P4538-11	MYE4Z6D	N/A	1.30	500	Brown	Yellow	Medium	N/A	N/A	12
P4538-12	MYE4Z6S	N/A	1.16	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	13
P4538-13	MYE4Z7	N/A	1.23	500	Brown	Yellow	Medium	N/A	N/A	14
P4538-14	MYE4Z8	N/A	1.47	500	Brown	Yellow	Medium	N/A	N/A	15
P4538-15	MYE4Z9	N/A	1.39	500	Brown	Yellow	Medium	N/A	N/A	16
P4538-16	MYE500	N/A	1.09	500	Brown	Yellow	Medium	N/A	N/A	17
P4538-17	MYE501	N/A	1.41	500	Brown	Yellow	Medium	N/A	N/A	18
P4538-18	MYE502	N/A	1.13	500	Brown	Yellow	Medium	N/A	N/A	19
P4538-19	MYE503	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	20
P4538-20	MYE504	N/A	1.12	500	Brown	Yellow	Medium	N/A	N/A	21
P4538-21	MYE505	N/A	1.19	500	Brown	Yellow	Medium	N/A	N/A	22
PB164601BL	PBS601	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	23
PB164601BS	LCS601	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP83046	24
PB164601BSD	LCSD601	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP83046	25

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133382

Review By	Sarabjit Jaswal	Review On	11/12/2024 5:31:27 PM
Supervise By	Mohan Bera	Supervise On	11/13/2024 2:51:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016
ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE005	TUNE	11/10/24 22:06		Jaswal	OK
2	S00	S00	CAL1	11/10/24 23:04		Jaswal	OK
3	S02	S02	CAL3	11/10/24 23:11		Jaswal	OK
4	S03	S03	CAL4	11/10/24 23:14		Jaswal	OK
5	S04	S04	CAL5	11/10/24 23:17		Jaswal	OK
6	S05	S05	CAL6	11/10/24 23:20		Jaswal	OK
7	S06	S06	CAL7	11/10/24 23:23		Jaswal	OK
8	S07	S07	CAL8	11/10/24 23:25		Jaswal	OK
9	S08	S08	CAL9	11/10/24 23:28		Jaswal	OK
10	ICV005	ICV005	ICV	11/10/24 23:40	Inst. paused for calibration review	Jaswal	OK
11	ICB005	ICB005	ICB	11/10/24 23:44		Jaswal	OK
12	ICSA005	ICSA005	ICSA	11/10/24 23:47		Jaswal	OK
13	ICSAB005	ICSAB005	ICSAB	11/10/24 23:50		Jaswal	OK
14	CCV011	CCV011	CCV	11/11/24 00:07	Inst. paused for review	Jaswal	OK
15	CCB011	CCB011	CCB	11/11/24 00:10		Jaswal	OK
16	PB164599BL	PBS599	MB	11/11/24 00:14		Jaswal	OK
17	PB164599BS	LCS599	LCS	11/11/24 00:17		Jaswal	OK
18	PB164599BSD	LCSD599	LCSD	11/11/24 00:21		Jaswal	OK

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

19	PB164601BL	PBS601	MB	11/11/24 00:24		Jaswal	OK
20	PB164601BS	LCS601	LCS	11/11/24 00:27		Jaswal	OK
21	PB164601BSD	LCSD601	LCSD	11/11/24 00:30		Jaswal	OK
22	PB164624BLRE	PBS624	SAM	11/11/24 00:34	Not Use	Jaswal	Not Ok
23	PB164624BSRE	LCS624	SAM	11/11/24 00:37	Not Use	Jaswal	Not Ok
24	PB164624BSDRE	LCSD624	SAM	11/11/24 00:40	Not Use	Jaswal	Not Ok
25	P4524-01	MYE4W0	SAM	11/11/24 00:43	INT_STD 45Sc(2),89Y(1) Fail	Jaswal	Dilution
26	P4524-02	MYE4W1	SAM	11/11/24 00:46	INT_STD 45Sc(2),89Y(1&2) Fail	Jaswal	Dilution
27	P4524-03	MYE4W2	SAM	11/11/24 00:49	INT_STD 45Sc(2),89Y(1) Fail	Jaswal	Dilution
28	P4524-04	MYE4W3	SAM	11/11/24 00:52	INT_STD 89Y(1) Fail	Jaswal	Dilution
29	P4524-05	MYE4W4	SAM	11/11/24 00:55	INT_STD 89Y(1) Fail	Jaswal	Dilution
30	P4524-06RE	MYE4W5	SAM	11/11/24 00:58	Not USe	Jaswal	Not Ok
31	P4524-07	MYE4W5D	DUP	11/11/24 01:01	INT_STD 89Y(1) Fail,Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
32	P4524-06L	MYE4W5L	SD	11/11/24 01:04	INT_STD 89Y(1) Fail,Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
33	P4524-08	MYE4W5S	MS	11/11/24 01:07	INT_STD 89Y(1) Fail,Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
34	P4524-06MS	MYE4W5SRE	MS	11/11/24 01:10	MS Fail For As,Cu,Pb, INT_STD 89Y(1) Fail,Ba,Co,Ni, V High	Jaswal	Dilution

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: P7

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Supervise By	Mohan Bera	Supervise On	11/13/2024 2:51:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016
ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

35	P4524-09	MYE4W6	SAM	11/11/24 01:13		Jaswal	OK
36	P4524-10	MYE4W7	SAM	11/11/24 01:16		Jaswal	OK
37	P4524-11	MYE4Y0	SAM	11/11/24 01:19		Jaswal	OK
38	P4524-12	MYE4Y1	SAM	11/11/24 01:22	INT_STD 89Y(1) Fail	Jaswal	Dilution
39	P4484-03A	MYE4H2ARE	PS	11/11/24 01:25	Not Use	Jaswal	Not Ok
40	P4484-03ADL2	MYE4H2ARE	PS	11/11/24 01:28	PS For As-0.0082 -M5801,Cr- 0.012 - M5658,Ni - 0.0075 M5961,V - 0.007 - M5697-PS For Ni,V,Cr	Jaswal	Confirms
41	P4524-13	MYE4Y2	SAM	11/11/24 01:31		Jaswal	OK
42	P4524-14	MYE4Y3	SAM	11/11/24 01:34		Jaswal	OK
43	P4524-15	MYE4Y4	SAM	11/11/24 01:37		Jaswal	OK
44	P4524-16	MYE4Y5	SAM	11/11/24 01:40		Jaswal	OK
45	P4524-17	MYE4Y6	SAM	11/11/24 01:43		Jaswal	OK
46	P4538-01	MYE4Y7	SAM	11/11/24 01:46		Jaswal	OK
47	CCV012	CCV012	CCV	11/11/24 01:49		Jaswal	OK
48	CCB012	CCB012	CCB	11/11/24 01:53		Jaswal	OK
49	P4538-02	MYE4Y8	SAM	11/11/24 01:57	INT_STD 89Y(1) Fail	Jaswal	Dilution
50	P4538-03	MYE4Y9	SAM	11/11/24 02:00		Jaswal	OK
51	P4538-04	MYE4Z0	SAM	11/11/24 02:03		Jaswal	OK
52	P4538-05	MYE4Z1	SAM	11/11/24 02:06		Jaswal	OK

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CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

53	P4538-06	MYE4Z2	SAM	11/11/24 02:09		Jaswal	OK
54	P4538-07	MYE4Z3	SAM	11/11/24 02:12		Jaswal	OK
55	P4538-08	MYE4Z4	SAM	11/11/24 02:15		Jaswal	OK
56	P4538-09	MYE4Z5	SAM	11/11/24 02:18		Jaswal	OK
57	P4538-10	MYE4Z6	SAM	11/11/24 02:21	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
58	P4538-11	MYE4Z6D	DUP	11/11/24 02:24	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
59	P4538-10L	MYE4Z6L	SD	11/11/24 02:27	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
60	P4538-12	MYE4Z6S	MS	11/11/24 02:30	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
61	P4538-10MS	MYE4Z6SRE	MS	11/11/24 02:33	MS Fail For As,Pb,Ba,Co,Ni, V High	Jaswal	Dilution
62	P4538-13	MYE4Z7	SAM	11/11/24 02:36		Jaswal	OK
63	P4538-14	MYE4Z8	SAM	11/11/24 02:39		Jaswal	OK
64	P4538-15	MYE4Z9	SAM	11/11/24 02:42		Jaswal	OK
65	P4538-16	MYE500	SAM	11/11/24 02:45		Jaswal	OK
66	P4538-17	MYE501	SAM	11/11/24 02:48		Jaswal	OK
67	P4538-18	MYE502	SAM	11/11/24 02:51		Jaswal	OK
68	P4524-06	MYE4W5	SAM	11/11/24 02:53	INT_STD 89Y(1) Fail,Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
69	P4538-19	MYE503	SAM	11/11/24 02:56		Jaswal	OK
70	P4538-20	MYE504	SAM	11/11/24 02:59		Jaswal	OK
71	P4538-21	MYE505	SAM	11/11/24 03:02		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Daily Analysis Runlog For Sequence/QCBatch ID # LB133382

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CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

72	P4541-01	MYE5B3	SAM	11/11/24 03:05		Jaswal	OK
73	P4541-02	MYE5B4	SAM	11/11/24 03:08		Jaswal	OK
74	P4541-03	MYE5B5	SAM	11/11/24 03:11		Jaswal	OK
75	CCV013	CCV013	CCV	11/11/24 03:15		Jaswal	OK
76	CCB013	CCB013	CCB	11/11/24 03:17		Jaswal	OK
77	P4484-03ADL	MYE4H2ARE	PS	11/11/24 03:24	PS For As-0.0082 -M5801,PS For As	Jaswal	Dilution
78	P4541-04	MYE5B6	SAM	11/11/24 03:27		Jaswal	OK
79	P4541-05	MYE5B7	SAM	11/11/24 03:30	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
80	P4541-06	MYE5B7D	DUP	11/11/24 03:33	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
81	P4541-05L	MYE5B7L	SD	11/11/24 03:36	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
82	P4541-07	MYE5B7S	MS	11/11/24 03:39	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
83	P4541-05MS	MYE5B7SRE	MS	11/11/24 03:42	MS Fail For Pb,Ba,Co,Ni, V High	Jaswal	Dilution
84	P4541-08	MYE5B8	SAM	11/11/24 03:45		Jaswal	OK
85	P4541-09	MYE5B9	SAM	11/11/24 03:48		Jaswal	OK
86	P4541-10	MYE5C0	SAM	11/11/24 03:51		Jaswal	OK
87	P4541-11	MYE5C1	SAM	11/11/24 03:54		Jaswal	OK
88	P4541-12	MYE5C2	SAM	11/11/24 03:57		Jaswal	OK
89	P4541-13	MYE5C3	SAM	11/11/24 04:00		Jaswal	OK
90	P4541-14	MYE5C4	SAM	11/11/24 04:03		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	11/13/2024 2:51:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016
ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

91	P4541-15	MYE5C5	SAM	11/11/24 04:06		Jaswal	OK
92	P4541-16	MYE5C6	SAM	11/11/24 04:09		Jaswal	OK
93	P4541-17	MYE5C7	SAM	11/11/24 04:12		Jaswal	OK
94	P4541-18	MYE5C8	SAM	11/11/24 04:15		Jaswal	OK
95	P4541-19	MYE5C9	SAM	11/11/24 04:18		Jaswal	OK
96	P4541-20	MYE5D0	SAM	11/11/24 04:21		Jaswal	OK
97	P4541-21	MYE5D1	SAM	11/11/24 04:24		Jaswal	OK
98	P4541-22	MYE5D2	SAM	11/11/24 04:27		Jaswal	OK
99	P4521-08	MYE4P2	SAM	11/11/24 04:30	Not Use	Jaswal	Not Ok
100	P4521-09	MYE4P2D	DUP	11/11/24 04:33	Not Use	Jaswal	Not Ok
101	P4521-08L	MYE4P2L	SD	11/11/24 04:36	Not Use	Jaswal	Not Ok
102	P4521-10	MYE4P2S	MS	11/11/24 04:39	Not Use	Jaswal	Not Ok
103	P4521-08MS	MYE4P2SRE	MS	11/11/24 04:42	Not Use	Jaswal	Not Ok
104	CCV014	CCV014	CCV	11/11/24 04:45		Jaswal	OK
105	CCB014	CCB014	CCB	11/11/24 04:48		Jaswal	OK
106	P4521-11	MYE4P3	SAM	11/11/24 04:51	Not Use	Jaswal	Not Ok
107	P4521-12	MYE4P4	SAM	11/11/24 04:54	Not Use	Jaswal	Not Ok
108	P4521-13	MYE4P5	SAM	11/11/24 04:57	Not Use	Jaswal	Not Ok
109	P4521-14	MYE4Q2	SAM	11/11/24 05:00	Not Use	Jaswal	Not Ok
110	P4521-15	MYE4Q3	SAM	11/11/24 05:03	Not Use	Jaswal	Not Ok

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CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

111	P4521-16	MYE4Q4	SAM	11/11/24 05:06	Not Use	Jaswal	Not Ok
112	P4521-17	MYE4Q5	SAM	11/11/24 05:09	Not Use	Jaswal	Not Ok
113	P4521-18	MYE4Q6	SAM	11/11/24 05:12	Not Use	Jaswal	Not Ok
114	P4521-19	MYE4Q7	SAM	11/11/24 05:15	Not Use	Jaswal	Not Ok
115	P4521-20	MYE4Q8	SAM	11/11/24 05:18	Not Use	Jaswal	Not Ok
116	P4521-21	MYE4Q9	SAM	11/11/24 05:21	Not Use	Jaswal	Not Ok
117	P4521-22	MYE4R0	SAM	11/11/24 05:24	Not Use	Jaswal	Not Ok
118	P4524-06DL	MYE4W5	SAM	11/11/24 05:27	Not Use	Jaswal	Not Ok
119	P4524-07DL	MYE4W5D	DUP	11/11/24 05:30	Not Use	Jaswal	Not Ok
120	P4524-06LDL	MYE4W5L	SD	11/11/24 05:33	Not Use	Jaswal	Not Ok
121	P4524-08DL	MYE4W5S	MS	11/11/24 05:36	Not Use	Jaswal	Not Ok
122	P4524-06MSDL	MYE4W5SRE	MS	11/11/24 05:40	Not Use	Jaswal	Not Ok
123	P4538-10DL	MYE4Z6	SAM	11/11/24 05:42	4X For Ba,Co,Ni,V	Jaswal	Confirms
124	P4538-11DL	MYE4Z6D	DUP	11/11/24 05:46	4X For Ba,Co,Ni,V	Jaswal	Confirms
125	P4538-10LDL	MYE4Z6L	SD	11/11/24 05:49	4X For Ba,Co,Ni,V	Jaswal	Confirms
126	P4538-12DL	MYE4Z6S	MS	11/11/24 05:52	4X For Ba,Co,Ni,V	Jaswal	Confirms
127	P4538-10MSDL	MYE4Z6SRE	MS	11/11/24 05:55	4X For Ba,Co,Ni,V	Jaswal	Confirms
128	P4538-02DL	MYE4Y8	SAM	11/11/24 05:58	2X For INT_STD 89Y(1)	Jaswal	Confirms
129	P4541-02DL	MYE5B4	SAM	11/11/24 06:01	Not Required	Jaswal	Not Ok
130	P4541-05DL	MYE5B7	SAM	11/11/24 06:04	4X For Ba,Co,Ni,V	Jaswal	Confirms

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

131	P4541-06DL	MYE5B7D	DUP	11/11/24 06:07	4X For Ba,Co,Ni,V	Jaswal	Confirms
132	P4541-05LDL	MYE5B7L	SD	11/11/24 06:10	4X For Ba,Co,Ni,V	Jaswal	Confirms
133	CCV015	CCV015	CCV	11/11/24 06:14		Jaswal	OK
134	CCB015	CCB015	CCB	11/11/24 06:16		Jaswal	OK
135	P4541-07DL	MYE5B7S	MS	11/11/24 06:20	4X For Ba,Co,Ni,V	Jaswal	Confirms
136	P4541-05MSDL	MYE5B7SRE	MS	11/11/24 06:23	4X For Ba,Co,Ni,V	Jaswal	Confirms
137	P4521-08DL	MYE4P2	SAM	11/11/24 06:26	4X For Ba,Co,Ni,V	Jaswal	Confirms
138	P4521-09DL	MYE4P2D	DUP	11/11/24 06:29	4X For Ba,Co,Ni,V	Jaswal	Confirms
139	P4521-08LDL	MYE4P2L	SD	11/11/24 06:32	4X For Ba,Co,Ni,V	Jaswal	Confirms
140	P4521-10DL	MYE4P2S	MS	11/11/24 06:35	4X For Ba,Co,Ni,V	Jaswal	Confirms
141	P4521-08MSDL	MYE4P2SRE	MS	11/11/24 06:38	4X For Ba,Co,Ni,V	Jaswal	Confirms
142	PB164624BL	PBS624	MB	11/11/24 06:41		Jaswal	OK
143	PB164624BS	LCS624	LCS	11/11/24 06:44		Jaswal	OK
144	PB164624BSD	LCSD624	LCSD	11/11/24 06:48		Jaswal	OK
145	PB164625BL	PBS625	MB	11/11/24 06:51		Jaswal	OK
146	PB164625BS	LCS625	LCS	11/11/24 06:54		Jaswal	OK
147	PB164625BSD	LCSD625	LCSD	11/11/24 06:57		Jaswal	OK
148	PB164798BL	PBW798	MB	11/11/24 07:01		Jaswal	OK
149	PB164798BS	LCS798	LCS	11/11/24 07:04		Jaswal	OK
150	P4542-04	MYE5D6	SAM	11/11/24 07:07	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

151	P4542-05	MYE5D6D	DUP	11/11/24 07:10	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
152	P4542-04L	MYE5D6L	SD	11/11/24 07:13	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
153	P4542-06	MYE5D6S	MS	11/11/24 07:16	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
154	P4542-04MS	MYE5D6SRE	MS	11/11/24 07:19	MS Fail For - As,Pb,Ba,Co,Ni, V High	Jaswal	Dilution
155	P4542-04DL	MYE5D6	SAM	11/11/24 07:22	4X For Ba,Co,Ni,V	Jaswal	Confirms
156	P4542-05DL	MYE5D6D	DUP	11/11/24 07:25	4X For Ba,Co,Ni,V	Jaswal	Confirms
157	P4542-04LDL	MYE5D6L	SD	11/11/24 07:28	4X For Ba,Co,Ni,V	Jaswal	Confirms
158	P4542-06DL	MYE5D6S	MS	11/11/24 07:32	4X For Ba,Co,Ni,V	Jaswal	Confirms
159	P4542-04MSDL	MYE5D6SRE	MS	11/11/24 07:35	4X For Ba,Co,Ni,V	Jaswal	Confirms
160	P4542-01	MYE5D3	SAM	11/11/24 07:38		Jaswal	OK
161	CCV016	CCV016	CCV	11/11/24 07:41		Jaswal	OK
162	CCB016	CCB016	CCB	11/11/24 07:44		Jaswal	OK
163	P4542-02	MYE5D4	SAM	11/11/24 07:47		Jaswal	OK
164	P4542-03	MYE5D5	SAM	11/11/24 07:50		Jaswal	OK
165	P4542-07	MYE5D7	SAM	11/11/24 07:53		Jaswal	OK
166	P4542-08	MYE5D8	SAM	11/11/24 07:56		Jaswal	OK
167	P4542-09	MYE5D9	SAM	11/11/24 07:59		Jaswal	OK
168	P4542-10	MYE5E0	SAM	11/11/24 08:02		Jaswal	OK
169	P4542-11	MYE5E1	SAM	11/11/24 08:05		Jaswal	OK

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

170	P4542-12	MYE5E2	SAM	11/11/24 08:08		Jaswal	OK
171	P4542-13	MYE5E3	SAM	11/11/24 08:11		Jaswal	OK
172	P4542-14	MYE5E4	SAM	11/11/24 08:14		Jaswal	OK
173	P4542-15	MYE5E5	SAM	11/11/24 08:17		Jaswal	OK
174	P4542-16	MYE5E6	SAM	11/11/24 08:20		Jaswal	OK
175	P4542-17	MYE5E7	SAM	11/11/24 08:23		Jaswal	OK
176	P4542-18	MYE5E8	SAM	11/11/24 08:26		Jaswal	OK
177	P4542-19	MYE5E9	SAM	11/11/24 08:29		Jaswal	OK
178	P4542-20	MYE5F0	SAM	11/11/24 08:32		Jaswal	OK
179	P4542-21	MYE5F1	SAM	11/11/24 08:35		Jaswal	OK
180	P4542-22	MYE5F2	SAM	11/11/24 08:38		Jaswal	OK
181	PB164766BL	PBW766	MB	11/11/24 08:41		Jaswal	OK
182	PB164766BS	LCS766	LCS	11/11/24 08:45		Jaswal	OK
183	P4730-01	MC0B82	SAM	11/11/24 08:48	Cr High	Jaswal	Dilution
184	P4730-02	MC0B83	SAM	11/11/24 08:51		Jaswal	OK
185	P4730-03	MC0B84	SAM	11/11/24 08:54		Jaswal	OK
186	P4730-04	MC0B86	SAM	11/11/24 08:58		Jaswal	OK
187	P4730-05	MC0B86D	DUP	11/11/24 09:01		Jaswal	OK
188	P4730-04L	MC0B86L	SD	11/11/24 09:04		Jaswal	OK
189	ICSA006	ICSA006	ICSA	11/11/24 09:07		Jaswal	OK

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

190	ICSAB006	ICSAB006	ICSAB	11/11/24 09:10		Jaswal	OK
191	CCV017	CCV017	CCV	11/11/24 09:13		Jaswal	OK
192	CCB017	CCB017	CCB	11/11/24 09:16		Jaswal	OK
193	P4730-06	MC0B86S	MS	11/11/24 09:19		Jaswal	OK
194	P4730-07	MC0B88	SAM	11/11/24 09:22		Jaswal	OK
195	P4580-01	MYE5L3	SAM	11/11/24 09:25		Jaswal	OK
196	P4580-02	MYE5L4	SAM	11/11/24 09:29		Jaswal	OK
197	P4580-03	MYE5L5	SAM	11/11/24 09:32		Jaswal	OK
198	P4580-04	MYE5L6	SAM	11/11/24 09:35		Jaswal	OK
199	P4580-05	MYE5L7	SAM	11/11/24 09:38		Jaswal	OK
200	P4580-06	MYE5L8	SAM	11/11/24 09:42		Jaswal	OK
201	P4580-07	MYE5L9	SAM	11/11/24 09:45		Jaswal	OK
202	P4580-08	MYE5M0	SAM	11/11/24 09:48		Jaswal	OK
203	P4580-09	MYE5M1	SAM	11/11/24 09:51		Jaswal	OK
204	P4580-10	MYE5M2	SAM	11/11/24 09:55		Jaswal	OK
205	P4542-14DL	MYE5E4	SAM	11/11/24 09:58	NOT USED	Jaswal	Not Ok
206	PB164627BL	PBS627	MB	11/11/24 10:01		Jaswal	OK
207	PB164627BS	LCS627	LCS	11/11/24 10:04		Jaswal	OK
208	PB164627BSD	LCSD627	LCSD	11/11/24 10:08		Jaswal	OK
209	P4543-01	MYE5F3	SAM	11/11/24 10:11		Jaswal	OK

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ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

210	P4543-02	MYE5F4	SAM	11/11/24 10:14		Jaswal	OK
211	P4543-03	MYE5F5	SAM	11/11/24 10:17	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
212	P4543-04	MYE5F5D	DUP	11/11/24 10:20	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
213	P4543-03L	MYE5F5L	SD	11/11/24 10:23	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
214	P4543-05	MYE5F5S	MS	11/11/24 10:26	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
215	P4543-03MS	MYE5F5SRE	MS	11/11/24 10:29	MS Fail For - As(109.84ppb),Pb(83.23ppb),Ag(Below RL),Ba,Co,Ni, V High	Jaswal	Dilution
216	P4543-06	MYE5F6	SAM	11/11/24 10:32		Jaswal	OK
217	P4543-07	MYE5F7	SAM	11/11/24 10:35		Jaswal	OK
218	P4543-08	MYE5F8	SAM	11/11/24 10:38		Jaswal	OK
219	CCV018	CCV018	CCV	11/11/24 10:41		Jaswal	OK
220	CCB018	CCB018	CCB	11/11/24 10:44		Jaswal	OK
221	P4543-09	MYE5F9	SAM	11/11/24 10:47		Jaswal	OK
222	P4543-10	MYE5G0	SAM	11/11/24 10:50		Jaswal	OK
223	P4543-11	MYE5G2	SAM	11/11/24 10:53		Jaswal	OK
224	P4543-12	MYE5G3	SAM	11/11/24 10:56		Jaswal	OK
225	P4543-13	MYE506	SAM	11/11/24 10:59		Jaswal	OK
226	P4543-14	MYE507	SAM	11/11/24 11:02		Jaswal	OK
227	P4543-15	MYE508	SAM	11/11/24 11:05		Jaswal	OK

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CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

228	P4543-16	MYE509	SAM	11/11/24 11:08		Jaswal	OK
229	P4543-17	MYE510	SAM	11/11/24 11:11		Jaswal	OK
230	P4543-18	MYE511	SAM	11/11/24 11:14		Jaswal	OK
231	P4543-19	MYE512	SAM	11/11/24 11:17		Jaswal	OK
232	P4543-20	MYE513	SAM	11/11/24 11:20		Jaswal	OK
233	P4543-21	MYE514	SAM	11/11/24 11:23		Jaswal	OK
234	P4543-22	MYE515	SAM	11/11/24 11:26		Jaswal	OK
235	P4543-03DL	MYE5F5	SAM	11/11/24 11:29	4X For Ba,Co,Ni,V	Jaswal	Confirms
236	P4543-04DL	MYE5F5D	DUP	11/11/24 11:33	4X For Ba,Co,Ni,V	Jaswal	Confirms
237	P4543-03LDL	MYE5F5L	SD	11/11/24 11:36	4X For Ba,Co,Ni,V	Jaswal	Confirms
238	P4543-05DL	MYE5F5S	MS	11/11/24 11:39	4X For Ba,Co,Ni,V	Jaswal	Confirms
239	P4543-03MSDL	MYE5F5SRE	MS	11/11/24 11:42	4X For Ba,Co,Ni,V	Jaswal	Confirms
240	P4524-06A	MYE4W5ARE	PS	11/11/24 11:45	PS For As - 0.0037 - M5801 , Cu - 0.011 - M5697, Pb - 0.0033 M6026	Jaswal	OK
241	P4538-10A	MYE4Z6ARE	PS	11/11/24 11:48	PS For As - 0.0041 - M5801, Pb - 0.029 MP83156	Jaswal	OK
242	P4541-05A	MYE5B7ARE	PS	11/11/24 11:51	PS For Pb - 0.037 - MP83156	Jaswal	OK
243	P4542-04A	MYE5D6ARE	PS	11/11/24 11:54	PS For As - 0.02 MP83228, Pb - 0.023 MP83156	Jaswal	OK
244	PB164632BL	PBS632	MB	11/11/24 11:57		Jaswal	OK
245	PB164632BS	LCS632	LCS	11/11/24 12:00		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133382

Review By	Sarabjit Jaswal	Review On	11/12/2024 5:31:27 PM
Supervise By	Mohan Bera	Supervise On	11/13/2024 2:51:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016
ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

246	CCV019	CCV019	CCV	11/11/24 12:04	Ca Fail	Jaswal	OK
247	CCB019	CCB019	CCB	11/11/24 12:06		Jaswal	OK
248	PB164632BSD	LCSD632	LCSD	11/11/24 12:10		Jaswal	OK
249	P4570-04	MYE537	SAM	11/11/24 12:22		Jaswal	OK
250	P4570-05	MYE538	SAM	11/11/24 12:25		Jaswal	OK
251	P4570-06	MYE539	SAM	11/11/24 12:28		Jaswal	OK
252	P4570-07	MYE540	SAM	11/11/24 12:31		Jaswal	OK
253	P4570-08	MYE541	SAM	11/11/24 12:34		Jaswal	OK
254	P4570-09	MYE542	SAM	11/11/24 12:37		Jaswal	OK
255	P4570-10	MYE563	SAM	11/11/24 12:40		Jaswal	OK
256	P4570-11	MYE564	SAM	11/11/24 12:43		Jaswal	OK
257	P4570-12	MYE565	SAM	11/11/24 12:47		Jaswal	OK
258	P4570-13	MYE566	SAM	11/11/24 12:50		Jaswal	OK
259	P4570-14	MYE567	SAM	11/11/24 12:53		Jaswal	OK
260	P4570-15	MYE568	SAM	11/11/24 12:56		Jaswal	OK
261	P4570-16	MYE569	SAM	11/11/24 12:59		Jaswal	OK
262	P4570-17	MYE570	SAM	11/11/24 13:02		Jaswal	OK
263	P4570-18	MYE571	SAM	11/11/24 13:05		Jaswal	OK
264	P4570-19	MYE572	SAM	11/11/24 13:08		Jaswal	OK
265	P4570-20	MYE573	SAM	11/11/24 13:11		Jaswal	OK

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

266	P4570-21	MYE574	SAM	11/11/24 13:14		Jaswal	OK
267	P4570-22	MYE575	SAM	11/11/24 13:17		Jaswal	OK
268	P4570-01	MYE531	SAM	11/11/24 13:20	Ba,Co,Ni, V High in MS RE	Jaswal	Dilution
269	P4570-02	MYE531D	DUP	11/11/24 13:23	Ba,Co,Ni, V High in MS RE	Jaswal	Dilution
270	P4570-01L	MYE531L	SD	11/11/24 13:26	Ba,Co,Ni, V High in MS RE	Jaswal	Dilution
271	P4570-03	MYE531S	MS	11/11/24 13:29	Ba,Co,Ni, V High in MS RE	Jaswal	Dilution
272	CCV020	CCV020	CCV	11/11/24 13:32		Jaswal	OK
273	CCB020	CCB020	CCB	11/11/24 13:35		Jaswal	OK
274	P4570-01MS	MYE531SRE	MS	11/11/24 13:38	MS Fail For Ag(Below RL),Ba,Co,Ni, V High	Jaswal	Dilution
275	P4543-21DL	MYE514	SAM	11/11/24 13:41	Not Required	Jaswal	Not Ok
276	P4570-01DL	MYE531	SAM	11/11/24 13:55	4X For Ba,Co,Ni,V	Jaswal	Confirms
277	P4570-02DL	MYE531D	DUP	11/11/24 13:58	4X For Ba,Co,Ni,V	Jaswal	Confirms
278	P4570-031LDL	MYE531S	SD	11/11/24 14:01	20X For Ba,Co,Ni,V	Jaswal	Confirms
279	P4570-03DL	MYE531S	MS	11/11/24 14:04	4X For Ba,Co,Ni,V	Jaswal	Confirms
280	P4570-01MSDL	MYE531SRE	MS	11/11/24 14:07	4X For Ba,Co,Ni,V	Jaswal	Confirms
281	CCV021	CCV021	CCV	11/11/24 14:10		Jaswal	OK
282	CCB021	CCB021	CCB	11/11/24 14:13		Jaswal	OK
283	PB164630BL	PBS630	MB	11/11/24 14:19		Jaswal	OK
284	PB164630BS	LCS630	LCS	11/11/24 14:23		Jaswal	OK

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

285	PB164630BSD	LCSD630	LCSD	11/11/24 14:26		Jaswal	OK
286	PB164635BL	PBS635	MB	11/11/24 14:32		Jaswal	OK
287	PB164635BS	LCS635	LCS	11/11/24 14:35		Jaswal	OK
288	PB164635BSD	LCSD635	LCSD	11/11/24 14:39		Jaswal	OK
289	P4569-01	MYE516	SAM	11/11/24 14:42		Jaswal	OK
290	P4569-02	MYE517	SAM	11/11/24 14:45		Jaswal	OK
291	P4569-03	MYE518	SAM	11/11/24 14:48		Jaswal	OK
292	P4569-04	MYE519	SAM	11/11/24 14:51	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
293	P4569-05	MYE519D	DUP	11/11/24 14:54	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
294	P4569-04L	MYE519L	SD	11/11/24 14:57	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
295	P4569-06	MYE519S	MS	11/11/24 15:00	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
296	P4569-04MS	MYE519SRE	MS	11/11/24 15:03	MS Fail For Ag(1.05ppb),Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
297	P4569-07	MYE520	SAM	11/11/24 15:06		Jaswal	OK
298	P4569-08	MYE521	SAM	11/11/24 15:09		Jaswal	OK
299	P4569-09	MYE522	SAM	11/11/24 15:12		Jaswal	OK
300	P4569-10	MYE523	SAM	11/11/24 15:15		Jaswal	OK
301	P4569-11	MYE524	SAM	11/11/24 15:18		Jaswal	OK
302	P4569-12	MYE525	SAM	11/11/24 15:21		Jaswal	OK
303	P4569-13	MYE526	SAM	11/11/24 15:24		Jaswal	OK

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CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

304	P4569-14	MYE527	SAM	11/11/24 15:27		Jaswal	OK
305	P4569-15	MYE528	SAM	11/11/24 15:30		Jaswal	OK
306	P4569-16	MYE529	SAM	11/11/24 15:33		Jaswal	OK
307	P4569-17	MYE530	SAM	11/11/24 15:36		Jaswal	OK
308	CCV022	CCV022	CCV	11/11/24 15:42		Jaswal	OK
309	CCB022	CCB022	CCB	11/11/24 15:45		Jaswal	OK
310	P4569-18	MYE532	SAM	11/11/24 15:48		Jaswal	OK
311	P4569-19	MYE533	SAM	11/11/24 15:51		Jaswal	OK
312	P4569-20	MYE534	SAM	11/11/24 15:54		Jaswal	OK
313	P4569-21	MYE535	SAM	11/11/24 15:57		Jaswal	OK
314	P4569-22	MYE536	SAM	11/11/24 16:00		Jaswal	OK
315	P4571-01	MYE543	SAM	11/11/24 16:03	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
316	P4571-02	MYE543D	DUP	11/11/24 16:06	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
317	P4571-01L	MYE543L	SD	11/11/24 16:09	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
318	P4571-03	MYE543S	MS	11/11/24 16:13	Ba,Co,Ni, V High in MSRE	Jaswal	Dilution
319	P4571-01MS	MYE543SRE	MS	11/11/24 16:16	MS Fail For Pb(51.79ppb),Ba,Co,Ni, V High	Jaswal	Dilution
320	P4571-04	MYE576	SAM	11/11/24 16:18		Jaswal	OK
321	P4571-07	MYE579	SAM	11/11/24 16:21		Jaswal	OK
322	P4571-08	MYE580	SAM	11/11/24 16:24		Jaswal	OK

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ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP83046
Chk Standard	MP83050,MP83049

323	P4571-09	MYE581	SAM	11/11/24 16:27		Jaswal	OK
324	P4571-10	MYE544	SAM	11/11/24 16:30		Jaswal	OK
325	P4571-11	MYE545	SAM	11/11/24 16:33		Jaswal	OK
326	P4571-12	MYE546	SAM	11/11/24 16:36		Jaswal	OK
327	P4571-13	MYE547	SAM	11/11/24 16:40		Jaswal	OK
328	P4571-14	MYE548	SAM	11/11/24 16:42		Jaswal	OK
329	P4571-15	MYE549	SAM	11/11/24 16:46		Jaswal	OK
330	P4571-16	MYE550	SAM	11/11/24 16:49		Jaswal	OK
331	P4571-17	MYE551	SAM	11/11/24 16:52		Jaswal	OK
332	P4571-18	MYE552	SAM	11/11/24 16:55		Jaswal	OK
333	P4571-19	MYE553	SAM	11/11/24 16:58		Jaswal	OK
334	P4571-20	MYE554	SAM	11/11/24 17:01	Ni High	Jaswal	Dilution
335	P4571-21	MYE555	SAM	11/11/24 17:04		Jaswal	OK
336	P4571-22	MYE556	SAM	11/11/24 17:07		Jaswal	OK
337	CCV023	CCV023	CCV	11/11/24 17:10		Jaswal	OK
338	CCB023	CCB023	CCB	11/11/24 17:12		Jaswal	OK

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ALLIANCE TECHNICAL GROUP LLC
284 SHEFFIELD ST

MOUNTAINSIDE NJ 07092
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2072

Alliance TECHNICAL GROUP 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Login Summary Report

Order ID :	P4538	Order Date :	10/24/2024 9:50:00 AM	Project Mgr :	Deepak
Client :	USEPA CLP SMO	Project :	51817	Report Type :	USEPA CLP
Contact :	Anita Kapadia	Receive Date :	10/24/2024 9:50:00 AM	EDD Type :	EPA CLP
Date Sign Off :	10/24/2024 4:40:27 PM				

Sample ID	Client ID	Matrix	Sampling Date	Test	Test Group	Method	TAT Days	Fax Due Date	HC Due Date
P4538-01	MYE4Y7	Solid	04/24/2024						
				Metals CLP Full		SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL		SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids		Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-02	MYE4Y8	Solid	04/24/2024						
				Metals CLP Full		SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL		SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids		Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-03	MYE4Y9	Solid	04/24/2024						
				Metals CLP Full		SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL		SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids		Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-04	MYE4Z0	Solid	04/24/2024						
				Metals CLP Full		SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL		SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids		Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-05	MYE4Z1	Solid	04/24/2024						
				Metals CLP Full		SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL		SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids		Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-06	MYE4Z2	Solid	04/24/2024						
				Metals CLP Full		SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL		SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids		Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-07	MYE4Z3	Solid	04/24/2024						
				Metals CLP Full		SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL		SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids		Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-08	MYE4Z4	Solid	04/24/2024						
				Metals CLP Full		SFAM_AES	15	11/14/2024	11/14/2024

				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-09	MYE4Z5	Solid	04/24/2024					
				Metals CLP Full	SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-10	MYE4Z6	Solid	04/24/2024					
				Metals CLP Full	SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-11	MYE4Z6D	Solid	04/24/2024					
				Metals CLP Full	SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-12	MYE4Z6S	Solid	04/24/2024					
				Metals CLP Full	SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-13	MYE4Z7	Solid	04/24/2024					
				Metals CLP Full	SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-14	MYE4Z8	Solid	04/24/2024					
				Metals CLP Full	SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-15	MYE4Z9	Solid	04/24/2024					
				Metals CLP Full	SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-16	MYE500	Solid	04/24/2024					
				Metals CLP Full	SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-17	MYE501	Solid	04/24/2024					
				Metals CLP Full	SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-18	MYE502	Solid	04/24/2024					
				Metals CLP Full	SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024

				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-19	MYE503	Solid	04/24/2024					
				Metals CLP Full	SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-20	MYE504	Solid	04/24/2024					
				Metals CLP Full	SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024
P4538-21	MYE505	Solid	04/24/2024					
				Metals CLP Full	SFAM_AES	15	11/14/2024	11/14/2024
				Metals CLP MS FULL	SFAM_MS	15	11/14/2024	11/14/2024
				Percent Solids	Chemtech -SOP	15	11/14/2024	11/14/2024

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB164600 **WorkList ID :** 185021 **Department :** Digestion **Date :** 11-01-2024 11:44:56

2076

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4538-01	MYE4Y7	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-02	MYE4Y8	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-03	MYE4Y9	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-04	MYE4Z0	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-05	MYE4Z1	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-06	MYE4Z2	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-07	MYE4Z3	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-08	MYE4Z4	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-09	MYE4Z5	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-10	MYE4Z6	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-11	MYE4Z6D	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-12	MYE4Z6S	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-13	MYE4Z7	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-14	MYE4Z8	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-15	MYE4Z9	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-16	MYE500	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-17	MYE501	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-18	MYE502	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-19	MYE503	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-20	MYE504	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES
P4538-21	MYE505	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_AES

Date/Time 11/3/24 9:15

Raw Sample Received by: gsp (Met dig)

Raw Sample Relinquished by: gsp (Met dig)

Date/Time 11/3/24 10:15

Raw Sample Received by: gsp (Met dig)

Raw Sample Relinquished by: gsp (Met dig)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB164601 **WorkList ID :** 185022 **Department :** Digestion **Date :** 11-01-2024 11:46:54

2077

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4538-01	MYE4Y7	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-02	MYE4Y8	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-03	MYE4Y9	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-04	MYE4Z0	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-05	MYE4Z1	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-06	MYE4Z2	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-07	MYE4Z3	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-08	MYE4Z4	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-09	MYE4Z5	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-10	MYE4Z6	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-11	MYE4Z6D	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-12	MYE4Z6S	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-13	MYE4Z7	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-14	MYE4Z8	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-15	MYE4Z9	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-16	MYE500	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-17	MYE501	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-18	MYE502	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-19	MYE503	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-20	MYE504	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS
P4538-21	MYE505	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	Q11	04/24/2024	SFAM_MS

Date/Time 11/3/24 9:15

Raw Sample Received by: JSP (Met dig)

Raw Sample Relinquished by: JSP (Met dig)

Date/Time 11/3/24 10:15

Raw Sample Received by: JSP (Met dig)

Raw Sample Relinquished by: JSP (Met dig)