SDG COVER PAGE

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

Lab Code: ACE Case No.: 51495 MA No.: 3221.2 SDG No.: MYD5D1

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MYD5D0	P2820-01		X		
MYD5D1	P2820-02		X		
MYD5D2	P2820-03		X		
MYD5D3	P2820-04		X		
MYD5D4	P2820-05		X		
MYD5D4D	P2820-06		X		
MYD5D4S	P2820-07		X		
MYD5D5	P2820-08		X		
MYD5D6	P2820-09		X		
MYD5D7	P2820-10		X		
MYD5D8	P2820-11		X		
MYD5D9	P2820-12		X		
MYD5E0	P2820-13		X		
MYD5E1	P2820-14		X		
MYD5E2	P2820-15		X		
MYD5E4	P2820-16		X		
MYD5E5	P2820-17		X		
MYD5E6	P2820-18		X		
MYD5E7	P2820-19		X		
MYD5E8	P2820-20		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: _____

USEPA CLP COC (LAB COPY)
DateShipped: 6/7/2024
CarrierName: FedEx
AirbillNo: 7767 6245 6715

CHAIN OF CUSTODY RECORD

Case #: 51495
Cooler #: 51495-065

No: 9-060724-134224-0065
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

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Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
1903-A-0001-01	MYD5B9	Soil/ ERT	Grab	ICP-AES 11(21)	9-3747 (None) (1)	1903-A-0001	06/06/2024 10:18	
1903-C-0003-01	MYD5C0	Soil/ REAC	Grab	ICP-AES 11(21)	9-3748 (None) (1)	1903-C-0003	06/06/2024 10:16	
1903-A-S0001-01	MYD5C1	Soil/ ERT	Grab	ICP-AES 11(21)	9-3749 (None) (1)	1903-A-S0001	06/06/2024 10:16	
1903-D-0001-01	MYD5C2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3750 (None) (1)	1903-D-0001	06/06/2024 10:22	
1903-E-0006-01	MYD5C3	Soil/ REAC	Grab	ICP-AES 11(21)	9-3751 (None) (1)	1903-E-0006	06/06/2024 10:34	
1903-A-0002-01	MYD5C4	Soil/ ERT	Grab	ICP-AES 11(21)	9-3752 (None) (1)	1903-A-0002	06/06/2024 10:27	
1903-E-0002-03	MYD5C5	Soil/ REAC	Grab	ICP-AES 11(21)	9-3753 (None) (1)	1903-E-0002	06/06/2024 10:40	
1903-D-S0001-01	MYD5C6	Soil/ REAC	Grab	ICP-AES 11(21)	9-3754 (None) (1)	1903-D-S0001	06/06/2024 10:40	
1903-B-0002-01	MYD5C7	Soil/ ERT	Grab	ICP-AES 11(21)	9-3755 (None) (1)	1903-B-0002	06/06/2024 10:38	
1903-E-0005-01	MYD5C8	Soil/ REAC	Grab	ICP-AES 11(21)	9-3756 (None) (1)	1903-E-0005	06/06/2024 10:38	
1903-E-0001-01	MYD5C9	Soil/ REAC	Grab	ICP-AES 11(21)	9-3757 (None) (1)	1903-E-0001	06/06/2024 10:36	
1903-C-0002-01	MYD5D0	Soil/ REAC	Grab	ICP-AES 11(21)	9-3758 (None) (1)	1903-C-0002	06/06/2024 10:24	1
1903-B-S0003-01	MYD5D1	Soil/ ERT	Grab	ICP-AES 11(21)	9-3759 (None) (1)	1903-B-S0003	06/06/2024 10:34	2
1903-E-0003-01	MYD5D2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3760 (None) (1)	1903-E-0003	06/06/2024 10:30	3
1903-A-0003-01	MYD5D3	Soil/ ERT	Grab	ICP-AES 11(21)	9-3761 (None) (1)	1903-A-0003	06/06/2024 10:32	4
1903-F-0005-03	MYD5D4	Soil/ REAC	Grab	ICP-AES 11(21)	9-3762 (None) (1)	1903-F-0005	06/06/2024 10:30	5 FD
1903-B-S0002-01	MYD5D5	Soil/ ERT	Grab	ICP-AES 11(21)	9-3763 (None) (1)	1903-B-S0002	06/06/2024 10:30	6
1903-B-0001-01	MYD5D6	Soil/ ERT	Grab	ICP-AES 11(21)	9-3764 (None) (1)	1903-B-0001	06/06/2024 10:23	7
1903-F-0006-01	MYD5D7	Soil/ REAC	Grab	ICP-AES 11(21)	9-3765 (None) (1)	1903-F-0006	06/06/2024 10:28	8

Sample(s) to be used for Lab QC: 1903-E-0002-03 Tag 9-3753, 1903-F-0005-03 Tag 9-3762 - Special Instructions: ICP-AES 11+ Metals: Ag, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Tl, V, Zn	**Shipment for Case Complete? N**
	Samples Transferred From Chain of Custody #
Analysis Key: ICP-AES 11=ICP-AES 11+Metals	

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Ship to Lab	Carolina Cayamo Weston	6/7/2024 15:00		6-10-24 0854	23.2°C IR Gun #1
					custody seals intact
					no temp blk

USEPA CLP COC (LAB COPY)
DateShipped: 6/7/2024
CarrierName: FedEx
AirbillNo: 7767 6245 6715

CHAIN OF CUSTODY RECORD

Case #: 51495
Cooler #: 51495-065

No: 9-060724-134224-0065
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

3

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
1903-D-0002-01	MYD5D8	Soil/ REAC	Grab	ICP-AES 11(21)	9-3766 (None) (1)	1903-D-0002	06/06/2024 10:27	9
1903-C-0004-01	MYD5D9	Soil/ REAC	Grab	ICP-AES 11(21)	9-3767 (None) (1)	1903-C-0004	06/06/2024 10:26	10
1903-E-0004-01	MYD5E0	Soil/ REAC	Grab	ICP-AES 11(21)	9-3768 (None) (1)	1903-E-0004	06/06/2024 10:36	11
196-A-005-01	MYD5E1	Soil/ REAC	Grab	ICP-AES 11(21)	9-3805 (None) (1)	196-A-005	06/06/2024 13:27	12
196-A-003-01	MYD5E2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3806 (None) (1)	196-A-003	06/06/2024 13:27	13
196-A-001-03	MYD5E3	Soil/ REAC	Grab	ICP-AES 11(21)	9-3807 (None) (1)	196-A-001	06/06/2024 13:25	14
196-A-004-01	MYD5E4	Soil/ REAC	Grab	ICP-AES 11(21)	9-3808 (None) (1)	196-A-004	06/06/2024 13:19	15
196-A-002-01	MYD5E5	Soil/ REAC	Grab	ICP-AES 11(21)	9-3809 (None) (1)	196-A-002	06/06/2024 13:17	16
216-A-005-01	MYD5E6	Soil/ REAC	Grab	ICP-AES 11(21)	9-3810 (None) (1)	216-A-005	06/06/2024 15:46	17
216-A-003-01	MYD5E7	Soil/ REAC	Grab	ICP-AES 11(21)	9-3811 (None) (1)	216-A-003	06/06/2024 15:45	18
216-A-001-01	MYD5E8	Soil/ REAC	Grab	ICP-AES 11(21)	9-3812 (None) (1)	216-A-001	06/06/2024 15:43	19

Sample(s) to be used for Lab QC: 196-A-001-03 Tag 9-3807 - Special Instructions: ICP-AES 11+ Metals: Ag, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Tl, V, Zn

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-AES 11=ICP-AES 11+Metals

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Ship to Lab	Caroline Cuyjame Weston	6/7/2024 15:00		6-10-24 0854	23.2°C IR GUN #4
					custody seals intact
					no temp BK.

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 1
Received By (Print Name) Casanova Rena		Log-in Date **6/10/2024**
Received By (Signature)		
Case Number 51495	SDG No. MYD5D0 & MYD5D1	MA No. 3208.0 & 3221.2

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.	776762456715 1
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	23.2 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	06/10/2024
12.Time Received	08:54

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MYD5D0	N/A	9-3758	P2820-01	Intact
2	MYD5D1	N/A	9-3759	P2820-02	Intact
3	MYD5D2	N/A	9-3760	P2820-03	Intact
4	MYD5D3	N/A	9-3761	P2820-04	Intact
5	MYD5D4	N/A	9-3762	P2820-05	Intact
6	MYD5D4D	N/A	9-3762	P2820-06	Intact
7	MYD5D4S	N/A	9-3762	P2820-07	Intact
8	MYD5D5	N/A	9-3763	P2820-08	Intact
9	MYD5D6	N/A	9-3764	P2820-09	Intact
10	MYD5D7	N/A	9-3765	P2820-10	Intact
11	MYD5D8	N/A	9-3766	P2820-11	Intact
12	MYD5D9	N/A	9-3767	P2820-12	Intact
13	MYD5E0	N/A	9-3768	P2820-13	Intact
14	MYD5E1	N/A	9-3805	P2820-14	Intact
15	MYD5E2	N/A	9-3806	P2820-15	Intact
16	MYD5E4	N/A	9-3808	P2820-16	Intact
17	MYD5E5	N/A	9-3809	P2820-17	Intact
18	MYD5E6	N/A	9-3810	P2820-18	Intact
19	MYD5E7	N/A	9-3811	P2820-19	Intact
20	MYD5E8	N/A	9-3812	P2820-20	Intact
21	N/A	N/A	N/A	N/A	N/A
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	6/11/24	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.	**51495**	SDG NO.	**MYD5D1**
MA NO.	**3221.2**	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	TO	CHECK LAB	REGION
1 . SDG Cover Page	1	1	✓	
2 . Traffic Report/Chain of Custody Record(s)	2	3	✓	
3 . Sample Log-In Sheet (DC-1)	4	4	✓	
4 . CSF Inventory Sheet (DC-2)	5	7	✓	
5 . SDG Narrative	8	13	✓	
6 . Communication Logs	14	17	✓	
7 . Percent Solids Log	18	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	NA	NA	✓	
9 . Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
10 . Standard and Reagent Preparation Logs	NA	NA	✓	
11 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
12 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
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	20	37	✓	
18 . Instrument raw data by instrument in analysis order	38	1042	✓	
Other Data				
19 . Standard and Reagent Preparation Logs	1043	1178	✓	
20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1179	1180	✓	
21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1181	1189	✓	
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)	1190	1190	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	1191	1193	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	1194	1194	✓	
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 # MYD5D1
CASE # 51495
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID #P2820
MODIFIED ANALYSIS#3221.2

A. Number of Samples and Date of Receipt

18 Soil sample were delivered to the laboratory intact on 06/10/2024.

B. Parameters

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: 23.2^{o}C

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

Issue 1: A "P" or "M" prefix was listed at the beginning of a CLP sample ID.

Issue 2: The laboratory received samples without ice. The coolers had temperatures 24.2 degrees C, 23.2 degrees C, 23.8 degrees C, 24.1 degrees C, and 26.1 degrees C upon arrival. The laboratory would like to know how to proceed.

E. Corrective Action taken for above:

Resolution 1: 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.

Resolution 2: Per Region 9, Case 51495 is for metals. There are no rinsates in those cooler so they don't require ice. The laboratory should 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.

G. Calculation:

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 MYD5D0 For Arsenic:

If C = 375.57 ppb
Vf = 500 ml
W = 1.31 g
S = 0.983(98.3/100)
DF = 1

$$\text{Concentration (mg/kg)} = 375.57 \times \frac{500}{1.31 \times 0.983} \times 1 / 1000$$

$$= 145.8263 \text{ mg/kg}$$

$$= 150 \text{ mg/kg (Reported Result with Signification)}$$

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 (MYD5D4S) did meet requirements except for Chromium, Copper and Lead. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

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

284 Sheffield Street
Mountainside, NJ 07092

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: 09/04/2024	**MA:** 3221.1	**Title:** ICP-MS Re-Digestion and Re-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 re-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 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.
  - 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.
- The 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.

From: Hairston, Miles (NE) <Miles.Hairston@gdit.com>
Sent: Monday, June 10, 2024 3:37 PM
To: Deepak Parmar; Sohil Jodhani; Mohammad Ahmed
Cc: R9RSCC (R9RSCC@epa.gov); carmon.jamie@epa.gov; Spiegel, Michael (he/him/his)
Subject: Region 09 | Case 51495 | Lab ACE | Issue Samples received at an elevated temperature | FINAL

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon,

Please advise on the issue below.

Issue: The laboratory received samples without ice. The coolers had temperatures 24.2 degrees C, 23.2 degrees C, 23.8 degrees C, 24.1 degrees C, and 26.1 degrees C upon arrival. The laboratory would like to know how to proceed.
Resolution: Per Region 9, Case 51495 is for metals. There are no rinsates in those cooler so they don't require ice. The laboratory should note the issue in the SDG narrative and proceed with the analysis of the samples.

Please note that the laboratory will have to contact the appropriate CLP COR should any defects need to be waived for this issue.

Thanks,
Miles Hairston
Associate Environmental Analyst
Under contract to EPA
QSS Coordinator – EPA Regions 1, 8, and 9

Work Phone: +1 571-454-0346
Miles.Hairston@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

Leave alert: N/A

GENERAL DYNAMICS
information technology

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From: R9RSCC <R9RSCC@epa.gov>
Sent: Monday, June 10, 2024 3:23 PM
To: Hairston, Miles (NE) <Miles.Hairston@gdit.com>
Cc: R9RSCC <R9RSCC@epa.gov>
Subject: RE: Region 09 | Case 51495 | Lab ACE | Issue Samples received at an elevated temperature

This Message Is From an External Sender

Please use caution with links, attachments, and any requests for credentials.

Hi Miles,

Case 51495 is for metals. The client said there are no rinsates in those cooler so they don't require ice.
Please have the lab proceed with analysis.

Thanks
-Jamie
Jamie Carmon (she/her)
****
Region 9
RSCC (Regional Sample Control Coordinator)
Phone: 510-412-2389
Email: R9RSCC@epa.gov

From: Hairston, Miles (NE) <Miles.Hairston@gdit.com>
Sent: Monday, June 10, 2024 11:35 AM
To: R9RSCC <R9RSCC@epa.gov>; Carmon, Jamie (she/her/hers) <Carmon.Jamie@epa.gov>; Spiegel, Michael (he/him/his) <Spiegel.Michael@epa.gov>
Subject: Region 09 | Case 51495 | Lab ACE | Issue Samples received at an elevated temperature

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Good afternoon,

Please advise on the issue below.

Issue: The laboratory received samples without ice. The coolers had temperatures 24.2 degrees C, 23.2 degrees C, 23.8 degrees C, 24.1 degrees C, and 26.1 degrees C upon arrival. The laboratory would like to know how to proceed.

Thanks,
Miles Hairston
Associate Environmental Analyst
Under contract to EPA
QSS Coordinator – EPA Regions 1, 8, and 9

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From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Monday, June 10, 2024 1:54 PM
To: Hairston, Miles (NE) <Miles.Hairston@gdit.com>
Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Subject: RE: Region 09 | Case 51495 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

This Message Is From an External Sender

Please use caution with links, attachments, and any requests for credentials.

Good afternoon,

the temperature of the cooler upon arrival is 24.2,23.2,23.8,24.1,26.1 without ice .

Thanks & Regards,

Deepak Parmar
QA/QC
An Alliance Technical Group Company
Main: 908-789-8900
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Hairston, Miles (NE) <Miles.Hairston@gdit.com>
Sent: Monday, June 10, 2024 1:46 PM
To: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Subject: Region 09 | Case 51495 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon,

What was the temperature of the cooler upon arrival?

Thanks,
Miles Hairston
Associate Environmental Analyst
Under contract to EPA
QSS Coordinator – EPA Regions 1, 8, and 9

Work Phone: +1 571-454-0346
Miles.Hairston@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

Leave alert: N/A

GENERAL DYNAMICS
information technology

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From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Monday, June 10, 2024 1:06 PM
To: Hairston, Miles (NE) <Miles.Hairston@gdit.com>
Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Subject: Region 09 | Case 51495 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

This Message Is From an External Sender

Please use caution with links, attachments, and any requests for credentials.

Good morning ,

Sample received for Case 51495 without ice ,there for lab like to confirm that can lab proceed with the analysis of the sample ?

Thanks & Regards,

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

Deepak Parmar
QA/QC
An Alliance Technical Group Company
Main: 908-789-8900
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com AST AEM AAS

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/13/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 13:45
In Date: 06/12/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 07:47
Out Date: 06/13/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB131191

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
P2820-01	MYD5D0	1	1.14	8.66	9.8	9.65	98.3	
P2820-02	MYD5D1	2	1.17	8.36	9.53	9.15	95.5	
P2820-03	MYD5D2	3	1.17	8.67	9.84	9.7	98.4	
P2820-04	MYD5D3	4	1.17	8.46	9.63	9.51	98.6	
P2820-05	MYD5D4	5	1.19	8.37	9.56	9.31	97.0	
P2820-06	MYD5D4D	6	1.19	8.37	9.56	9.31	97.0	
P2820-07	MYD5D4S	7	1.19	8.37	9.56	9.31	97.0	
P2820-08	MYD5D5	8	1.18	8.48	9.66	9.26	95.3	
P2820-09	MYD5D6	9	1.18	8.68	9.86	9.54	96.3	
P2820-10	MYD5D7	10	1.16	8.74	9.9	9.66	97.3	
P2820-11	MYD5D8	11	1.17	8.36	9.53	9.3	97.2	
P2820-12	MYD5D9	12	1.16	8.53	9.69	9.54	98.2	
P2820-13	MYD5E0	13	1.17	8.36	9.53	9.3	97.2	
P2820-14	MYD5E1	14	1.19	8.48	9.67	9.25	95.0	
P2820-15	MYD5E2	15	1.19	8.60	9.79	9.51	96.7	
P2820-16	MYD5E4	16	1.16	8.36	9.52	9.17	95.8	
P2820-17	MYD5E5	17	1.18	8.59	9.77	9.54	97.3	
P2820-18	MYD5E6	18	1.15	8.42	9.57	9.37	97.6	
P2820-19	MYD5E7	19	1.16	8.53	9.69	9.54	98.2	
P2820-20	MYD5E8	20	1.19	8.48	9.67	9.54	98.5	

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

WORKLIST(Hardcopy Internal Chain)

VB 13119

WorkList Name : %1-p2820 **WorkList ID :** 181014 **Department :** Wet-Chemistry **Date :** 06-12-2024 10:33:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2820-01	MYD5D0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-02	MYD5D1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-03	MYD5D2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-04	MYD5D3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-05	MYD5D4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-06	MYD5D4D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-07	MYD5D4S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-08	MYD5D5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-09	MYD5D6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-10	MYD5D7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-11	MYD5D8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-12	MYD5D9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-13	MYD5E0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-14	MYD5E1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-15	MYD5E2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-16	MYD5E4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-17	MYD5E5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-18	MYD5E6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-19	MYD5E7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2820-20	MYD5E8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO

19

Date/Time JB ~~06/20/24~~ 06.12.24 13:15

Raw Sample Received by: JG Cecil

Raw Sample Relinquished by: CP SM

Date/Time JB 06.20 06.12.24 13:50

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JG Cecil

EPA SAMPLE NO.

MYD5D0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-01

% Solids: 98.3 Date Received: 06/10/2024

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	0.84		10/03/2024	2020
7440-38-2	Arsenic	150		10/03/2024	2020
7440-39-3	Barium	180		10/03/2024	2020
7440-41-7	Beryllium	0.73		10/03/2024	2020
7440-43-9	Cadmium	0.40		10/03/2024	2020
7440-47-3	Chromium	110	*	10/03/2024	2020
7440-48-4	Cobalt	32		10/03/2024	2020
7440-50-8	Copper	75	*	10/03/2024	2020
7439-92-1	Lead	16	*	10/03/2024	2020
7440-02-0	Nickel	79		10/03/2024	2020
7782-49-2	Selenium	0.26	J	10/03/2024	2020
7440-22-4	Silver	0.066	J	10/03/2024	2020
7440-28-0	Thallium	0.12	J	10/03/2024	2020
7440-62-2	Vanadium	120		10/03/2024	2020
7440-66-6	Zinc	100		10/03/2024	2020

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

Comments:

EPA SAMPLE NO.

MYD5D1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-02

% Solids: 95.5 Date Received: 06/10/2024

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	0.72	J	10/03/2024	2024
7440-38-2	Arsenic	200		10/03/2024	2024
7440-39-3	Barium	190		10/03/2024	2024
7440-41-7	Beryllium	0.73		10/03/2024	2024
7440-43-9	Cadmium	0.26	J	10/03/2024	2024
7440-47-3	Chromium	160	*	10/03/2024	2024
7440-48-4	Cobalt	36		10/03/2024	2024
7440-50-8	Copper	66	*	10/03/2024	2024
7439-92-1	Lead	7.5	*	10/03/2024	2024
7440-02-0	Nickel	92		10/03/2024	2024
7782-49-2	Selenium	0.34	J	10/03/2024	2024
7440-22-4	Silver	0.047	J	10/03/2024	2024
7440-28-0	Thallium	0.11	J	10/03/2024	2024
7440-62-2	Vanadium	140		10/03/2024	2024
7440-66-6	Zinc	91		10/03/2024	2024

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

Comments:

EPA SAMPLE NO.

MYD5D2

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-03

% Solids: 98.4 Date Received: 06/10/2024

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		10/03/2024	2027
7440-38-2	Arsenic	310		10/03/2024	2027
7440-39-3	Barium	140		10/03/2024	2027
7440-41-7	Beryllium	0.55		10/03/2024	2027
7440-43-9	Cadmium	0.34	J	10/03/2024	2027
7440-47-3	Chromium	87	*	10/03/2024	2027
7440-48-4	Cobalt	36		10/03/2024	2027
7440-50-8	Copper	90	*	10/03/2024	2027
7439-92-1	Lead	10	*	10/03/2024	2027
7440-02-0	Nickel	77		10/03/2024	2027
7782-49-2	Selenium	0.56	J	10/03/2024	2027
7440-22-4	Silver	0.086	J	10/03/2024	2027
7440-28-0	Thallium	0.10	J	10/03/2024	2027
7440-62-2	Vanadium	150		10/03/2024	2027
7440-66-6	Zinc	99		10/03/2024	2027

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

Comments:

EPA SAMPLE NO.

MYD5D3

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-04

% Solids: 98.6 Date Received: 06/10/2024

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	0.90		10/03/2024	2033
7440-38-2	Arsenic	180		10/03/2024	2033
7440-39-3	Barium	160		10/03/2024	2033
7440-41-7	Beryllium	0.49		10/03/2024	2033
7440-43-9	Cadmium	0.35	J	10/03/2024	2033
7440-47-3	Chromium	96	*	10/03/2024	2033
7440-48-4	Cobalt	33		10/03/2024	2033
7440-50-8	Copper	69	*	10/03/2024	2033
7439-92-1	Lead	10	*	10/03/2024	2033
7440-02-0	Nickel	59		10/03/2024	2033
7782-49-2	Selenium	0.42	J	10/03/2024	2033
7440-22-4	Silver	0.066	J	10/03/2024	2033
7440-28-0	Thallium	0.12	J	10/03/2024	2033
7440-62-2	Vanadium	160		10/03/2024	2033
7440-66-6	Zinc	100		10/03/2024	2033

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

Comments:

EPA SAMPLE NO.

MYD5D4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-05

% Solids: 97 Date Received: 06/10/2024

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		10/03/2024	2036
7440-38-2	Arsenic	120		10/03/2024	2036
7440-39-3	Barium	200	D	10/03/2024	2347
7440-41-7	Beryllium	0.67		10/03/2024	2036
7440-43-9	Cadmium	0.47		10/03/2024	2036
7440-47-3	Chromium	93	*	10/03/2024	2036
7440-48-4	Cobalt	34	D	10/03/2024	2347
7440-50-8	Copper	91	*	10/03/2024	2036
7439-92-1	Lead	16	*	10/03/2024	2036
7440-02-0	Nickel	73	D	10/03/2024	2347
7782-49-2	Selenium	0.46	J	10/03/2024	2036
7440-22-4	Silver	0.12	J	10/03/2024	2036
7440-28-0	Thallium	0.13	J	10/03/2024	2036
7440-62-2	Vanadium	130	D	10/03/2024	2347
7440-66-6	Zinc	100		10/03/2024	2036

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

Comments:

EPA SAMPLE NO.

MYD5D5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-08

% Solids: 95.3 Date Received: 06/10/2024

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		10/03/2024	2055
7440-38-2	Arsenic	82		10/03/2024	2055
7440-39-3	Barium	210		10/03/2024	2055
7440-41-7	Beryllium	0.83		10/03/2024	2055
7440-43-9	Cadmium	0.29	J	10/03/2024	2055
7440-47-3	Chromium	79	*	10/03/2024	2055
7440-48-4	Cobalt	28		10/03/2024	2055
7440-50-8	Copper	66	*	10/03/2024	2055
7439-92-1	Lead	9.7	*	10/03/2024	2055
7440-02-0	Nickel	64		10/03/2024	2055
7782-49-2	Selenium	0.45	J	10/03/2024	2055
7440-22-4	Silver	0.13	J	10/03/2024	2055
7440-28-0	Thallium	0.15	J	10/03/2024	2055
7440-62-2	Vanadium	100		10/03/2024	2055
7440-66-6	Zinc	86		10/03/2024	2055

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

Comments:

EPA SAMPLE NO.

MYD5D6

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-09

% Solids: 96.3 Date Received: 06/10/2024

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		10/03/2024	2058
7440-38-2	Arsenic	69		10/03/2024	2058
7440-39-3	Barium	210		10/03/2024	2058
7440-41-7	Beryllium	0.79		10/03/2024	2058
7440-43-9	Cadmium	0.31	J	10/03/2024	2058
7440-47-3	Chromium	76	*	10/03/2024	2058
7440-48-4	Cobalt	35		10/03/2024	2058
7440-50-8	Copper	71	*	10/03/2024	2058
7439-92-1	Lead	11	*	10/03/2024	2058
7440-02-0	Nickel	65		10/03/2024	2058
7782-49-2	Selenium	0.37	J	10/03/2024	2058
7440-22-4	Silver	0.074	J	10/03/2024	2058
7440-28-0	Thallium	0.13	J	10/03/2024	2058
7440-62-2	Vanadium	120		10/03/2024	2058
7440-66-6	Zinc	95		10/03/2024	2058

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

Comments:

EPA SAMPLE NO.

MYD5D7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-10

% Solids: 97.3 Date Received: 06/10/2024

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	1.7		10/03/2024	2102
7440-38-2	Arsenic	550	D	10/04/2024	0020
7440-39-3	Barium	180		10/03/2024	2102
7440-41-7	Beryllium	0.69		10/03/2024	2102
7440-43-9	Cadmium	0.27	J	10/03/2024	2102
7440-47-3	Chromium	95	*	10/03/2024	2102
7440-48-4	Cobalt	47		10/03/2024	2102
7440-50-8	Copper	120	*	10/03/2024	2102
7439-92-1	Lead	7.2	*	10/03/2024	2102
7440-02-0	Nickel	82		10/03/2024	2102
7782-49-2	Selenium	0.39	J	10/03/2024	2102
7440-22-4	Silver	0.045	J	10/03/2024	2102
7440-28-0	Thallium	0.19	J	10/03/2024	2102
7440-62-2	Vanadium	200		10/03/2024	2102
7440-66-6	Zinc	110		10/03/2024	2102

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

Comments:

EPA SAMPLE NO.

MYD5D8

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-11

% Solids: 97.2 Date Received: 06/10/2024

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		10/03/2024	2105
7440-38-2	Arsenic	190		10/03/2024	2105
7440-39-3	Barium	190		10/03/2024	2105
7440-41-7	Beryllium	0.66		10/03/2024	2105
7440-43-9	Cadmium	0.70		10/03/2024	2105
7440-47-3	Chromium	110	*	10/03/2024	2105
7440-48-4	Cobalt	33		10/03/2024	2105
7440-50-8	Copper	100	*	10/03/2024	2105
7439-92-1	Lead	22	*	10/03/2024	2105
7440-02-0	Nickel	75		10/03/2024	2105
7782-49-2	Selenium	0.53	J	10/03/2024	2105
7440-22-4	Silver	0.15	J	10/03/2024	2105
7440-28-0	Thallium	0.13	J	10/03/2024	2105
7440-62-2	Vanadium	140		10/03/2024	2105
7440-66-6	Zinc	120		10/03/2024	2105

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

Comments:

EPA SAMPLE NO.

MYD5D9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-12

% Solids: 98.2 Date Received: 06/10/2024

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	2.2		10/03/2024	2108
7440-38-2	Arsenic	630	D	10/04/2024	0023
7440-39-3	Barium	140		10/03/2024	2108
7440-41-7	Beryllium	0.53		10/03/2024	2108
7440-43-9	Cadmium	0.38	J	10/03/2024	2108
7440-47-3	Chromium	68	*	10/03/2024	2108
7440-48-4	Cobalt	34		10/03/2024	2108
7440-50-8	Copper	89	*	10/03/2024	2108
7439-92-1	Lead	14	*	10/03/2024	2108
7440-02-0	Nickel	56		10/03/2024	2108
7782-49-2	Selenium	0.65	J	10/03/2024	2108
7440-22-4	Silver	0.083	J	10/03/2024	2108
7440-28-0	Thallium	0.061	J	10/03/2024	2108
7440-62-2	Vanadium	170		10/03/2024	2108
7440-66-6	Zinc	120		10/03/2024	2108

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

Comments:

EPA SAMPLE NO.

MYD5E0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-13

% Solids: 97.2 Date Received: 06/10/2024

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		10/03/2024	2111
7440-38-2	Arsenic	140		10/03/2024	2111
7440-39-3	Barium	180		10/03/2024	2111
7440-41-7	Beryllium	0.63		10/03/2024	2111
7440-43-9	Cadmium	0.53		10/03/2024	2111
7440-47-3	Chromium	110	*	10/03/2024	2111
7440-48-4	Cobalt	32		10/03/2024	2111
7440-50-8	Copper	99	*	10/03/2024	2111
7439-92-1	Lead	17	*	10/03/2024	2111
7440-02-0	Nickel	70		10/03/2024	2111
7782-49-2	Selenium	0.41	J	10/03/2024	2111
7440-22-4	Silver	0.13	J	10/03/2024	2111
7440-28-0	Thallium	0.12	J	10/03/2024	2111
7440-62-2	Vanadium	130		10/03/2024	2111
7440-66-6	Zinc	110		10/03/2024	2111

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

Comments:

EPA SAMPLE NO.

MYD5E1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-14

% Solids: 95 Date Received: 06/10/2024

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	0.41	J	10/03/2024	2114
7440-38-2	Arsenic	17		10/03/2024	2114
7440-39-3	Barium	98		10/03/2024	2114
7440-41-7	Beryllium	0.35	J	10/03/2024	2114
7440-43-9	Cadmium	0.23	J	10/03/2024	2114
7440-47-3	Chromium	34	*	10/03/2024	2114
7440-48-4	Cobalt	16		10/03/2024	2114
7440-50-8	Copper	45	*	10/03/2024	2114
7439-92-1	Lead	11	*	10/03/2024	2114
7440-02-0	Nickel	27		10/03/2024	2114
7782-49-2	Selenium	2.3	U	10/03/2024	2114
7440-22-4	Silver	0.069	J	10/03/2024	2114
7440-28-0	Thallium	0.060	J	10/03/2024	2114
7440-62-2	Vanadium	56		10/03/2024	2114
7440-66-6	Zinc	62		10/03/2024	2114

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

Comments:

EPA SAMPLE NO.

MYD5E2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-15

% Solids: 96.7 Date Received: 06/10/2024

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	0.55	J	10/03/2024	2117
7440-38-2	Arsenic	33		10/03/2024	2117
7440-39-3	Barium	83		10/03/2024	2117
7440-41-7	Beryllium	0.37	J	10/03/2024	2117
7440-43-9	Cadmium	0.20	J	10/03/2024	2117
7440-47-3	Chromium	80	*	10/03/2024	2117
7440-48-4	Cobalt	32		10/03/2024	2117
7440-50-8	Copper	83	*	10/03/2024	2117
7439-92-1	Lead	7.3	*	10/03/2024	2117
7440-02-0	Nickel	59		10/03/2024	2117
7782-49-2	Selenium	0.32	J	10/03/2024	2117
7440-22-4	Silver	0.067	J	10/03/2024	2117
7440-28-0	Thallium	0.059	J	10/03/2024	2117
7440-62-2	Vanadium	110		10/03/2024	2117
7440-66-6	Zinc	76		10/03/2024	2117

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

Comments:

EPA SAMPLE NO.

MYD5E4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-16

% Solids: 95.8 Date Received: 06/10/2024

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		10/03/2024	2121
7440-38-2	Arsenic	28		10/03/2024	2121
7440-39-3	Barium	150		10/03/2024	2121
7440-41-7	Beryllium	0.61		10/03/2024	2121
7440-43-9	Cadmium	0.76		10/03/2024	2121
7440-47-3	Chromium	47	*	10/03/2024	2121
7440-48-4	Cobalt	21		10/03/2024	2121
7440-50-8	Copper	110	*	10/03/2024	2121
7439-92-1	Lead	110	*	10/03/2024	2121
7440-02-0	Nickel	35		10/03/2024	2121
7782-49-2	Selenium	0.46	J	10/03/2024	2121
7440-22-4	Silver	0.36	J	10/03/2024	2121
7440-28-0	Thallium	0.10	J	10/03/2024	2121
7440-62-2	Vanadium	71		10/03/2024	2121
7440-66-6	Zinc	220		10/03/2024	2121

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

Comments:

EPA SAMPLE NO.

MYD5E5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-17

% Solids: 97.3 Date Received: 06/10/2024

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	0.58	J	10/03/2024	2124
7440-38-2	Arsenic	23		10/03/2024	2124
7440-39-3	Barium	72		10/03/2024	2124
7440-41-7	Beryllium	0.27	J	10/03/2024	2124
7440-43-9	Cadmium	0.39	J	10/03/2024	2124
7440-47-3	Chromium	61	*	10/03/2024	2124
7440-48-4	Cobalt	22		10/03/2024	2124
7440-50-8	Copper	67	*	10/03/2024	2124
7439-92-1	Lead	21	*	10/03/2024	2124
7440-02-0	Nickel	49		10/03/2024	2124
7782-49-2	Selenium	2.0	U	10/03/2024	2124
7440-22-4	Silver	0.10	J	10/03/2024	2124
7440-28-0	Thallium	0.044	J	10/03/2024	2124
7440-62-2	Vanadium	72		10/03/2024	2124
7440-66-6	Zinc	210		10/03/2024	2124

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

Comments:

EPA SAMPLE NO.

MYD5E6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-18

% Solids: 97.6 Date Received: 06/10/2024

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	4.1		10/03/2024	2139
7440-38-2	Arsenic	310		10/03/2024	2139
7440-39-3	Barium	220		10/03/2024	2139
7440-41-7	Beryllium	0.68		10/03/2024	2139
7440-43-9	Cadmium	0.23	J	10/03/2024	2139
7440-47-3	Chromium	250	*	10/03/2024	2139
7440-48-4	Cobalt	41		10/03/2024	2139
7440-50-8	Copper	93	*	10/03/2024	2139
7439-92-1	Lead	12	*	10/03/2024	2139
7440-02-0	Nickel	150		10/03/2024	2139
7782-49-2	Selenium	0.41	J	10/03/2024	2139
7440-22-4	Silver	0.080	J	10/03/2024	2139
7440-28-0	Thallium	0.15	J	10/03/2024	2139
7440-62-2	Vanadium	150		10/03/2024	2139
7440-66-6	Zinc	93		10/03/2024	2139

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

Comments:

EPA SAMPLE NO.

MYD5E7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-19

% Solids: 98.2 Date Received: 06/10/2024

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	6.0		10/03/2024	2142
7440-38-2	Arsenic	480	D	10/04/2024	0026
7440-39-3	Barium	220		10/03/2024	2142
7440-41-7	Beryllium	0.77		10/03/2024	2142
7440-43-9	Cadmium	0.21	J	10/03/2024	2142
7440-47-3	Chromium	380	*	10/03/2024	2142
7440-48-4	Cobalt	50		10/03/2024	2142
7440-50-8	Copper	120	*	10/03/2024	2142
7439-92-1	Lead	11	*	10/03/2024	2142
7440-02-0	Nickel	230		10/03/2024	2142
7782-49-2	Selenium	0.71	J	10/03/2024	2142
7440-22-4	Silver	0.052	J	10/03/2024	2142
7440-28-0	Thallium	0.13	J	10/03/2024	2142
7440-62-2	Vanadium	180		10/03/2024	2142
7440-66-6	Zinc	86		10/03/2024	2142

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

Comments:

EPA SAMPLE NO.

MYD5E8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5D1

Matrix: SOIL Lab Sample ID: P2820-20

% Solids: 98.5 Date Received: 06/10/2024

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	0.66	J	10/03/2024	2145
7440-38-2	Arsenic	32		10/03/2024	2145
7440-39-3	Barium	170		10/03/2024	2145
7440-41-7	Beryllium	0.65		10/03/2024	2145
7440-43-9	Cadmium	0.35	J	10/03/2024	2145
7440-47-3	Chromium	36	*	10/03/2024	2145
7440-48-4	Cobalt	14		10/03/2024	2145
7440-50-8	Copper	52	*	10/03/2024	2145
7439-92-1	Lead	20	*	10/03/2024	2145
7440-02-0	Nickel	28		10/03/2024	2145
7782-49-2	Selenium	0.38	J	10/03/2024	2145
7440-22-4	Silver	0.11	J	10/03/2024	2145
7440-28-0	Thallium	0.099	J	10/03/2024	2145
7440-62-2	Vanadium	54		10/03/2024	2145
7440-66-6	Zinc	100		10/03/2024	2145

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

Comments:

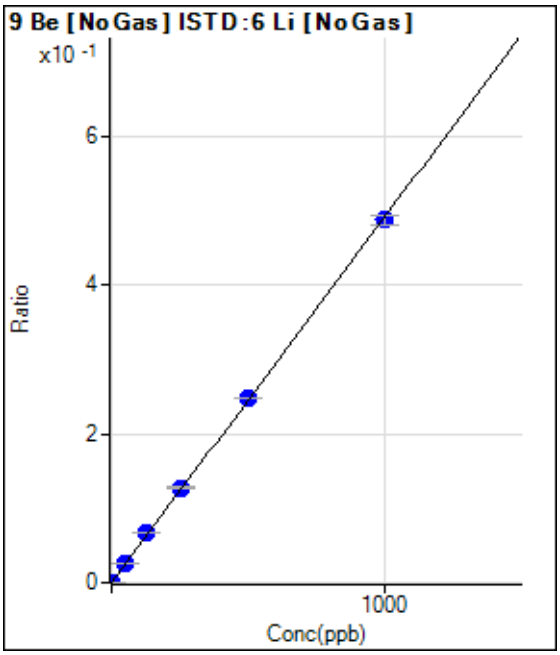
Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100324-MS5.b\
Analysis File: P7100324-MS5.batch.bin
DA Date-Time: 2024-10-04 04:05:14
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-03 15:51:29
2	005CALS.d	S02	2024-10-03 15:54:47
3	006CALS.d	S03	2024-10-03 15:58:06
4	007CALS.d	S04	2024-10-03 16:01:13
5	008CALS.d	S05	2024-10-03 16:04:12
6	009CALS.d	S06	2024-10-03 16:07:03
7	010CALS.d	S07	2024-10-03 16:09:52
8	011CALS.d	S08	2024-10-03 16:12:38

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	60.00	0.0000	P	28.
2	☐	1.000	1.121	1321.18	0.0006	P	3.7
3	☐	50.000	53.378	61663.70	0.0263	P	2.8
4	☐	125.000	135.372	151580.07	0.0666	P	0.8
5	☐	250.000	259.358	289517.00	0.1275	P	1.3
6	☐	500.000	506.054	549047.27	0.2488	P	0.5
7	☐	1000.000	993.168	1049537.29	0.4883	P	2.3
8	☐			261.12	0.0001	P	21.

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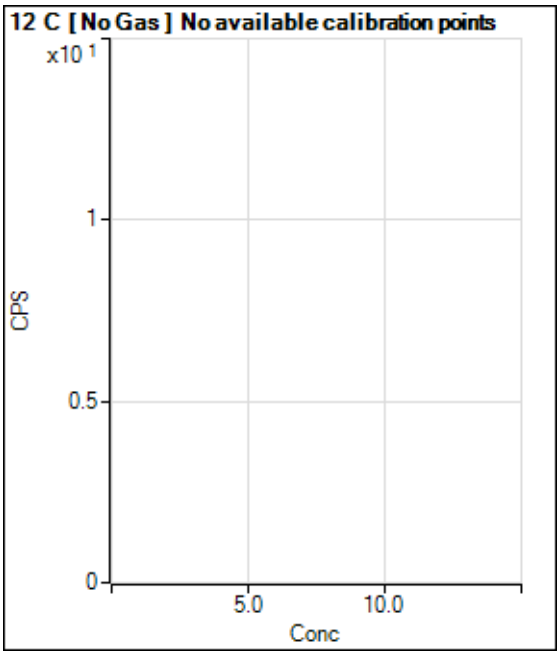
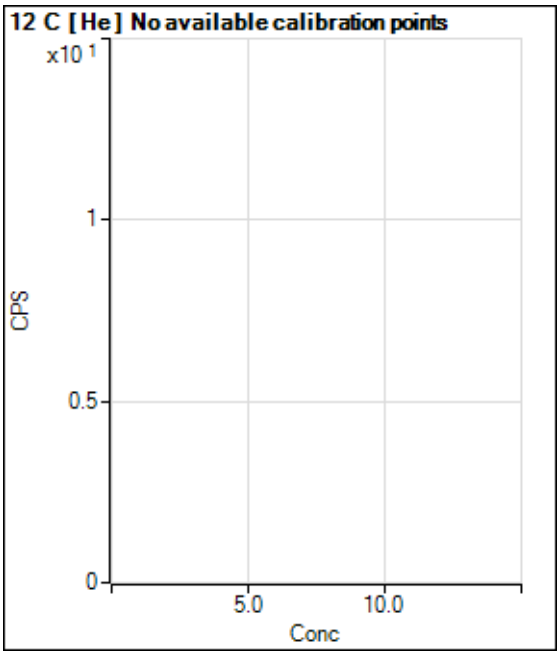
R = 0.9999
DL = 0.04582
BEC = 0.05365

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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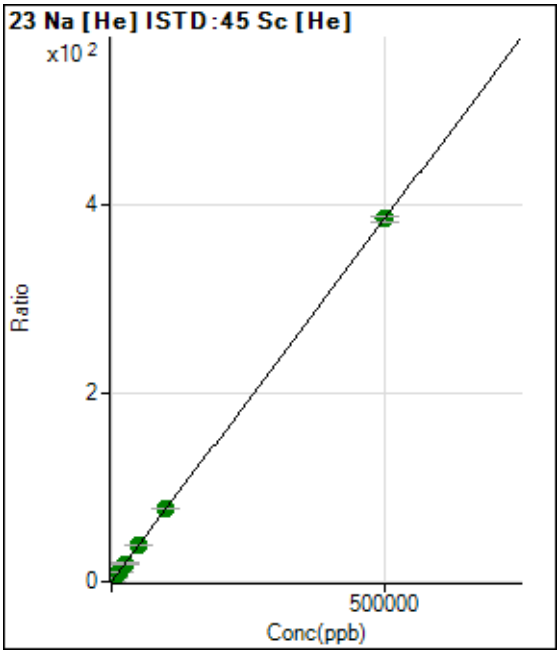
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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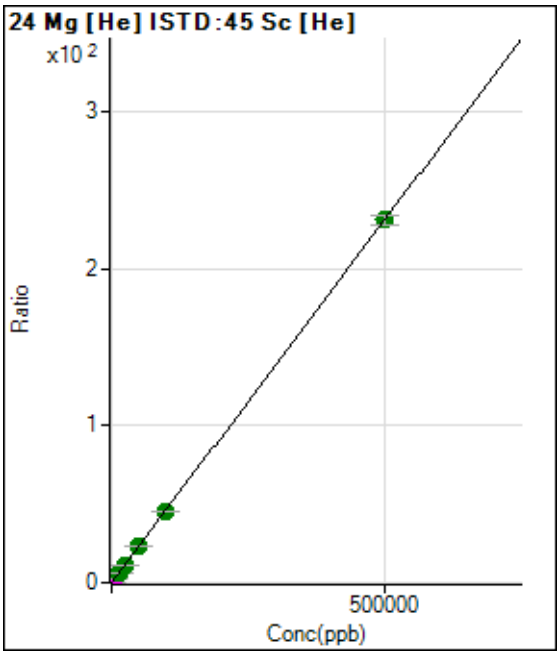
2	☐	500.000	499.715	197664.19	0.3995	P	0.6
3	☐	5000.000	4978.343	1879167.82	3.8528	A	0.9
4	☐	12500.000	12443.552	4517008.06	9.6089	A	1.0
5	☐	25000.000	24987.083	8576975.36	19.2807	A	1.7
6	☐	50000.000	50057.104	16461749.48	38.6112	A	0.8
7	☐	100000.00	99522.697	32385244.80	76.7520	A	0.1
8	☐	500000.00	500092.02	161613777.5	385.6146	A	1.9

y = 7.7106E-004 * x + 0.0142
R = 1.0000
DL = 0.4616
BEC = 18.4

Weight: <None>
Min Conc: 0

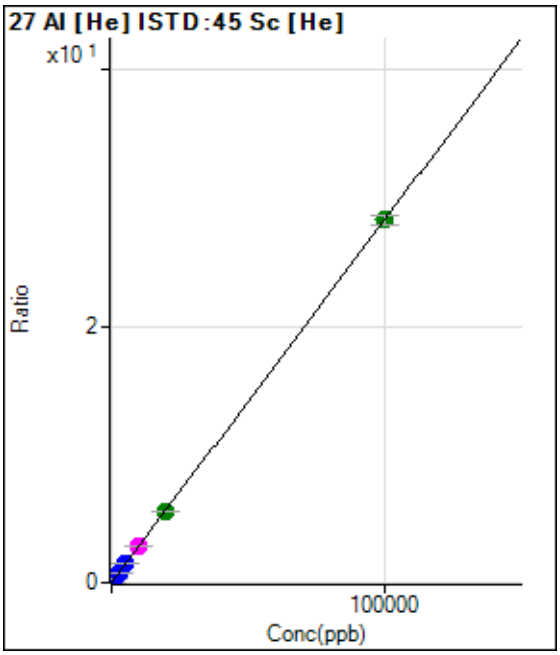
Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	637.80	0.0013	P	8.5
2	☐	500.000	534.319	122717.60	0.2480	P	1.2
3	☐	5000.000	5080.528	1144945.94	2.3474	M	2.1
4	☐	12500.000	12512.633	2716815.10	5.7795	A	0.5
5	☐	25000.000	24931.864	5122415.55	11.5146	A	0.8
6	☐	50000.000	49958.076	9836595.89	23.0715	A	0.4
7	☐	100000.00	98279.141	19149583.46	45.3858	A	0.8
8	☐	500000.00	500350.61	96825981.89	231.0594	A	2.8

y = 4.6179E-004 * x + 0.0013
R = 1.0000
DL = 0.708
BEC = 2.762

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110.00	0.0002	P	5.7
2	☐	20.000	24.716	3567.11	0.0072	P	3.1
3	☐	1000.000	1045.022	144244.39	0.2957	P	0.7
4	☐	2500.000	2565.667	341146.82	0.7258	P	0.8
5	☐	5000.000	5120.902	644316.47	1.4483	P	0.9
6	☐	10000.000	10139.228	1222599.01	2.8675	M	0.9
7	☐	20000.000	19805.446	2363267.67	5.6009	A	0.6
8	☐	100000.00	100016.85	11852862.04	28.2836	A	2.6

y = 2.8279E-004 * x + 2.1988E-004
R = 1.0000
DL = 0.1339
BEC = 0.7775

Weight: <None>
Min Conc: 0

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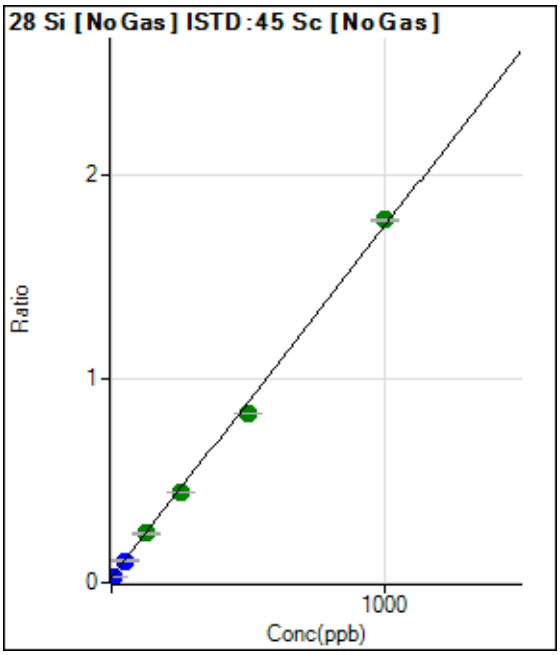
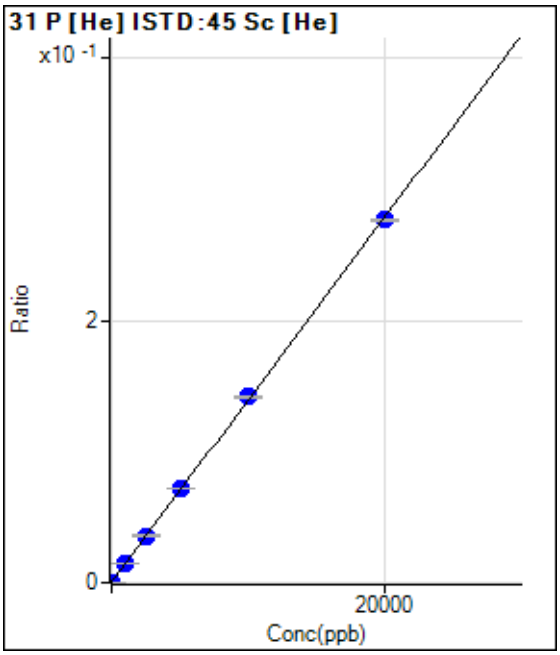


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	162774.61	0.0262	P	0.7
2	☐	10.000	2.208	184341.88	0.0300	P	0.7
3	☐	50.000	47.605	678083.79	0.1081	P	4.0
4	☐	125.000	124.776	1437826.30	0.2407	A	1.4
5	☐	250.000	241.000	2505424.93	0.4405	A	0.3
6	☐	500.000	468.688	4487093.37	0.8320	A	0.2
7	☐	1000.000	1018.132	9381057.29	1.7766	A	0.8
8	☐			196718.21	0.0386	P	1.1

y = 0.0017 * x + 0.0262
R = 0.9993
DL = 0.3168
BEC = 15.24

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.035	82.22	0.0002	P	5.8
2	☐	0.000	17.035	315.56	0.0006	P	10.
3	☐	1000.000	1033.526	7200.64	0.0148	P	1.3
4	☐	2500.000	2533.083	16734.80	0.0356	P	2.9
5	☐	5000.000	5146.934	31997.93	0.0719	P	0.7
6	☐	10000.000	10163.171	60383.94	0.1416	P	0.8
7	☐	20000.000	19875.869	116708.17	0.2766	P	0.5
8	☐			125.56	0.0003	P	1.8

y = 1.3896E-005 * x + 4.0107E-004
R = 0.9999
DL = 8.339
BEC = 28.86

Weight: <None>
Min Conc: 0

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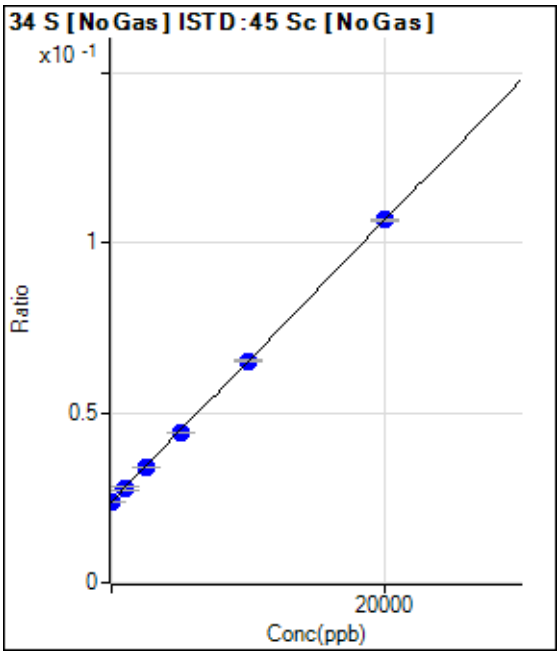
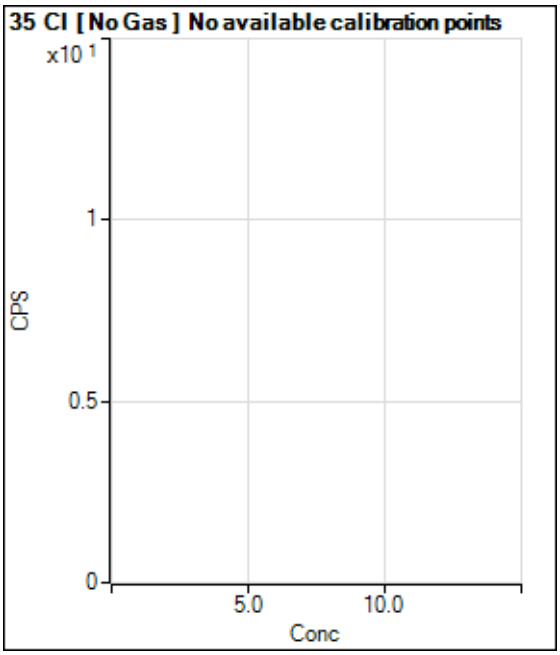


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-6.921	148540.34	0.0239	P	0.9
2	☐	0.000	6.921	147293.79	0.0240	P	0.4
3	☐	1000.000	916.175	174037.19	0.0277	P	4.5
4	☐	2500.000	2475.932	204246.97	0.0342	P	0.1
5	☐	5000.000	4930.778	252241.09	0.0444	P	0.3
6	☐	10000.000	10005.410	352491.54	0.0654	P	0.4
7	☐	20000.000	20021.800	563990.29	0.1068	P	0.9
8	☐			116133.73	0.0228	P	0.6

y = 4.1388E-006 * x + 0.0239
R = 1.0000
DL = 110.8
BEC = 5785

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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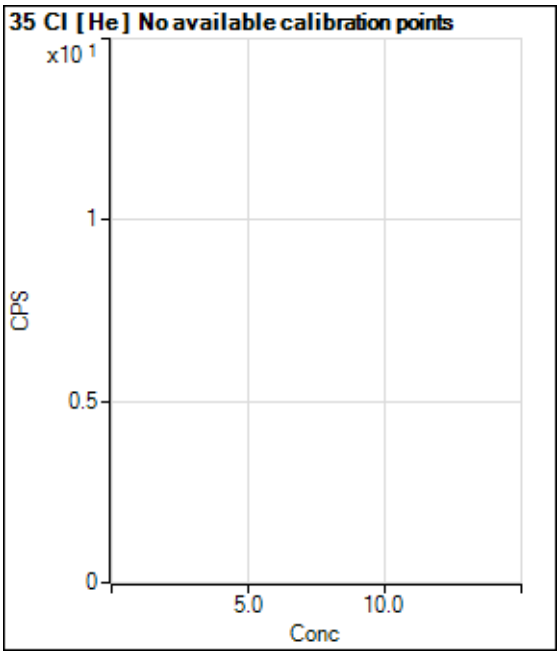
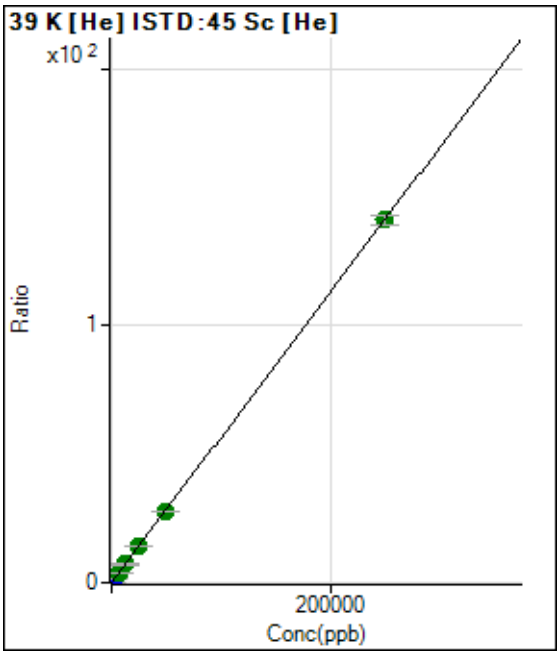


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34335.41	0.0686	P	0.4
2	☐	500.000	527.729	181169.10	0.3662	P	0.5
3	☐	2500.000	2716.201	780365.13	1.5999	P	0.1
4	☐	6250.000	6288.249	1698777.93	3.6137	A	1.3
5	☐	12500.000	12487.312	3162212.11	7.1085	A	1.6
6	☐	25000.000	24983.517	6034310.60	14.1534	A	0.3
7	☐	50000.000	49246.434	11742763.30	27.8318	A	0.9
8	☐	250000.00	250149.82	59128332.45	141.0932	A	2.5

y = 5.6376E-004 * x + 0.0686
R = 1.0000
DL = 1.511
BEC = 121.8

Weight: <None>
Min Conc: 0

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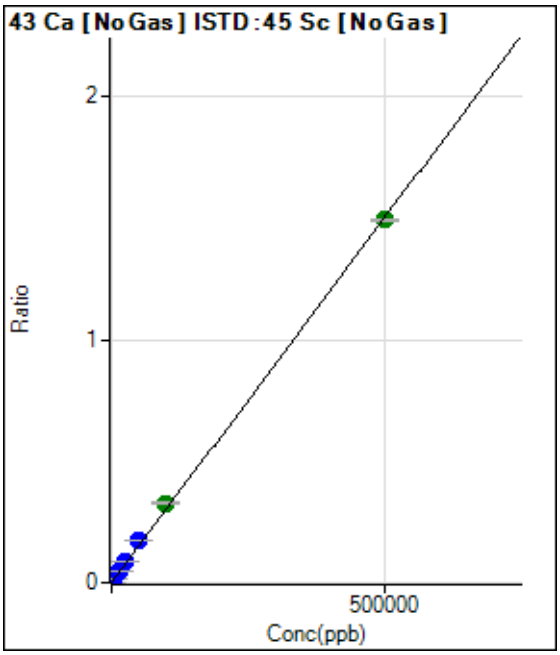
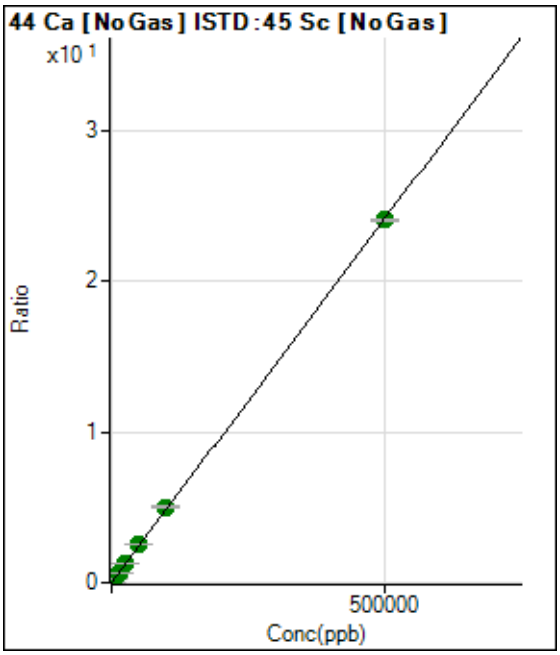


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.56	0.0000	P	35.
2	☐	500.000	527.375	9958.90	0.0016	P	2.1
3	☐	5000.000	5694.150	107601.02	0.0171	P	3.9
4	☐	12500.000	14589.103	262052.30	0.0439	P	1.2
5	☐	25000.000	28809.907	492534.31	0.0866	P	0.0
6	☐	50000.000	57547.006	932727.18	0.1729	P	0.6
7	☐	100000.00	108810.66	1726503.85	0.3270	A	1.6
8	☐	500000.00	497233.47	7606120.58	1.4941	A	0.6

y = 3.0047E-006 * x + 3.6343E-005
R = 0.9998
DL = 12.86
BEC = 12.1

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3198.17	0.0005	P	3.9
2	☐	500.000	521.121	157584.20	0.0256	P	0.4
3	☐	5000.000	5205.317	1578452.62	0.2516	A	4.5
4	☐	12500.000	13234.221	3815771.33	0.6388	A	0.8
5	☐	25000.000	26047.827	7147244.82	1.2568	A	0.6
6	☐	50000.000	52147.118	13566800.21	2.5155	A	0.5
7	☐	100000.00	103807.27	26436842.94	5.0069	A	1.4
8	☐	500000.00	498951.01	122505884.8	24.0640	A	0.8

y = 4.8228E-005 * x + 5.1487E-004
R = 1.0000
DL = 1.248
BEC = 10.68

Weight: <None>
Min Conc: 0

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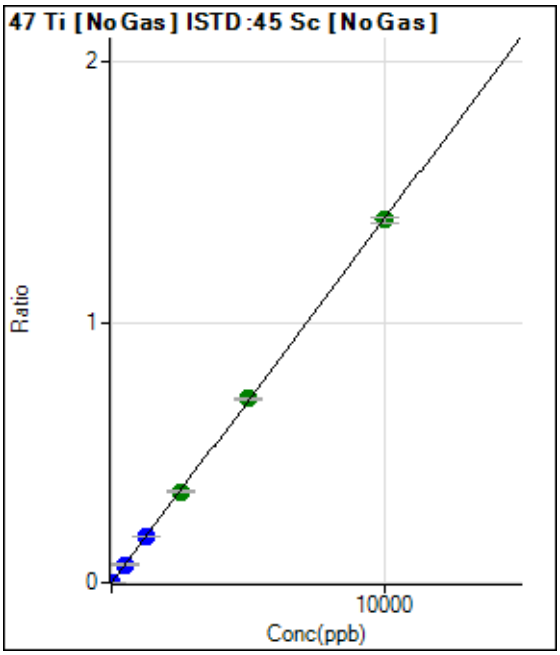
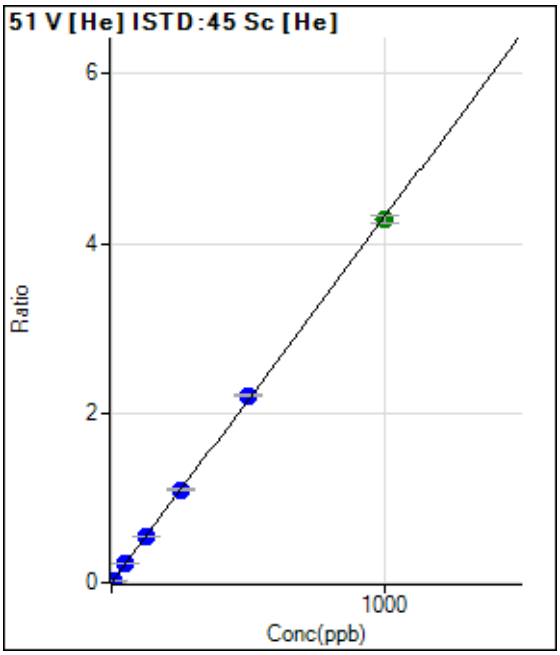


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	123.33	0.0000	P	24.
2	☐	5.000	4.832	4273.98	0.0007	P	3.5
3	☐	500.000	500.647	439551.64	0.0700	P	4.0
4	☐	1250.000	1283.918	1072744.54	0.1796	P	0.7
5	☐	2500.000	2507.592	1994656.05	0.3507	A	1.0
6	☐	5000.000	5050.310	3809751.51	0.7064	A	0.3
7	☐	10000.000	9968.675	7361702.11	1.3943	A	1.5
8	☐			1670.11	0.0003	P	3.0

y = 1.3986E-004 * x + 1.9862E-005
R = 1.0000
DL = 0.1029
BEC = 0.142

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	65.
2	☐	5.000	5.106	10906.24	0.0220	P	0.9
3	☐	50.000	51.814	109019.76	0.2235	P	0.6
4	☐	125.000	127.959	259461.47	0.5520	P	0.2
5	☐	250.000	254.985	489304.14	1.0999	P	1.0
6	☐	500.000	512.413	942349.66	2.2103	P	0.7
7	☐	1000.000	992.086	1805456.28	4.2794	A	2.0
8	☐			437.79	0.0010	P	5.5

y = 0.0043 * x + 1.5524E-005
R = 0.9999
DL = 0.007043
BEC = 0.003599

Weight: <None>
Min Conc: 0

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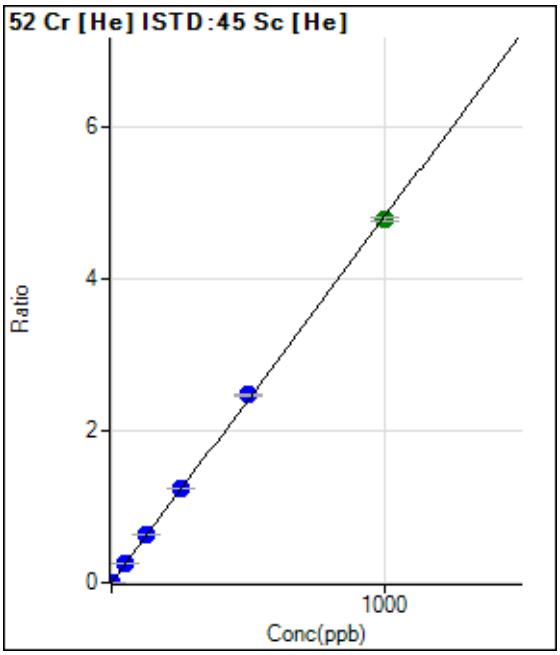
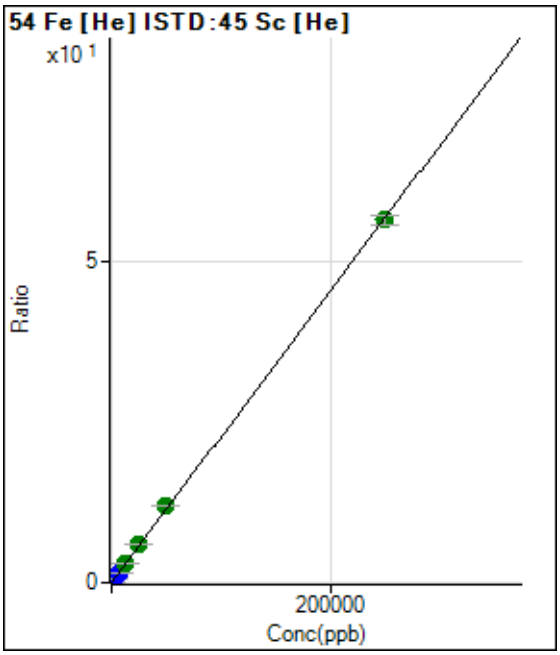


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	413.34	0.0008	P	6.6
2	☐	2.000	2.101	5423.25	0.0110	P	2.4
3	☐	50.000	51.960	122676.94	0.2515	P	0.5
4	☐	125.000	128.977	292896.94	0.6231	P	0.5
5	☐	250.000	256.832	551609.10	1.2399	P	0.8
6	☐	500.000	512.374	1054302.38	2.4728	P	0.2
7	☐	1000.000	991.510	2018631.88	4.7845	A	1.1
8	☐			7677.58	0.0183	P	3.1

y = 0.0048 * x + 8.2644E-004
R = 0.9999
DL = 0.0337
BEC = 0.1713

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1077.83	0.0022	P	6.5
2	☐	50.000	60.769	7876.59	0.0159	P	1.8
3	☐	2500.000	2868.728	317981.76	0.6519	P	0.7
4	☐	6250.000	7079.214	754775.79	1.6056	P	0.6
5	☐	12500.000	13379.474	1349183.33	3.0327	A	1.0
6	☐	25000.000	26864.936	2595347.88	6.0872	A	0.8
7	☐	50000.000	52732.256	5040431.97	11.9464	A	1.0
8	☐	250000.00	249198.66	23654789.37	56.4473	A	2.7

y = 2.2651E-004 * x + 0.0022
R = 0.9999
DL = 1.846
BEC = 9.512

Weight: <None>
Min Conc: 0

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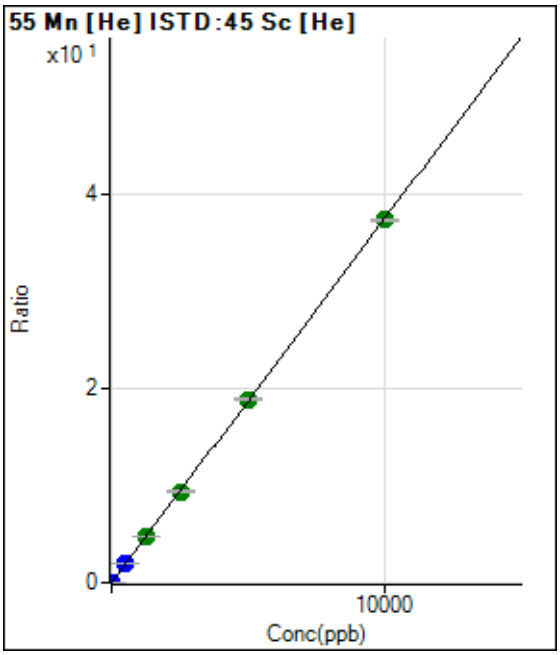
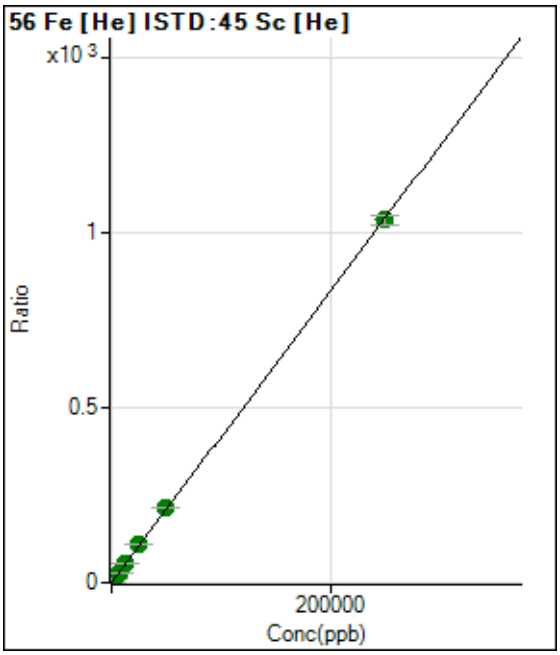


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	417.79	0.0008	P	6.8
2	☐	1.000	1.068	2394.66	0.0048	P	2.3
3	☐	500.000	520.232	951964.66	1.9518	P	0.4
4	☐	1250.000	1258.488	2218844.59	4.7203	A	0.9
5	☐	2500.000	2506.921	4182617.93	9.4020	A	1.3
6	☐	5000.000	5042.732	8063140.29	18.9116	A	0.3
7	☐	10000.000	9974.831	15783330.74	37.4074	A	0.5
8	☐			7782.08	0.0186	P	3.2

y = 0.0038 * x + 8.3536E-004
R = 1.0000
DL = 0.04521
BEC = 0.2228

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9241.80	0.0185	P	1.8
2	☐	50.000	55.956	124387.68	0.2514	P	0.6
3	☐	2500.000	2674.186	5438448.32	11.1500	A	0.1
4	☐	6250.000	6578.743	12881009.67	27.4031	A	0.7
5	☐	12500.000	13198.580	24449403.25	54.9589	A	0.6
6	☐	25000.000	26404.719	46870228.75	109.9307	A	0.3
7	☐	50000.000	51948.889	91245701.97	216.2608	A	0.7
8	☐	250000.00	249424.86	435106229.0	1,038.273	A	2.6

y = 0.0042 * x + 0.0185
R = 1.0000
DL = 0.2332
BEC = 4.438

Weight: <None>
Min Conc: 0

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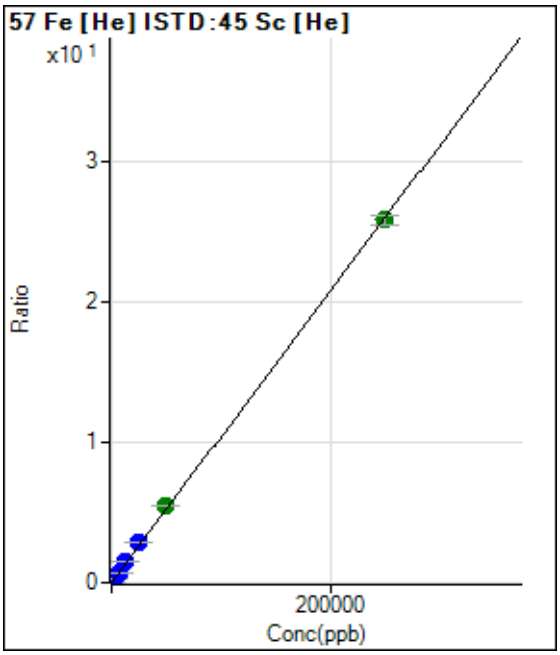
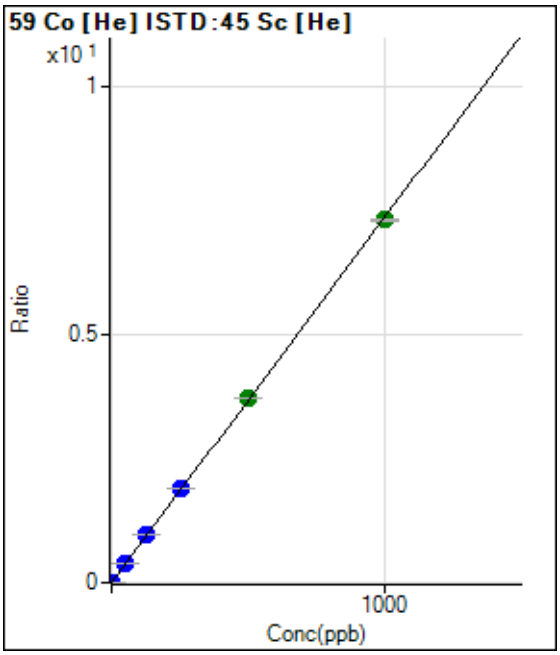


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	804.47	0.0016	P	7.5
2	☐	50.000	58.179	3786.06	0.0077	P	2.8
3	☐	2500.000	2818.725	143594.66	0.2944	P	0.3
4	☐	6250.000	7000.823	342581.71	0.7288	P	0.9
5	☐	12500.000	13913.749	643667.11	1.4469	P	0.9
6	☐	25000.000	27807.424	1232189.70	2.8901	P	0.6
7	☐	50000.000	52507.876	2301929.79	5.4559	A	0.9
8	☐	250000.00	249125.03	10844776.78	25.8794	A	2.8

y = 1.0387E-004 * x + 0.0016
R = 0.9999
DL = 3.507
BEC = 15.49

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0003	P	11.
2	☐	1.000	1.073	4040.58	0.0082	P	2.1
3	☐	50.000	52.735	189231.44	0.3880	P	0.8
4	☐	125.000	129.785	448632.15	0.9544	P	0.5
5	☐	250.000	258.377	845136.17	1.8997	P	0.6
6	☐	500.000	506.466	1587549.97	3.7236	A	0.7
7	☐	1000.000	993.938	3083212.56	7.3072	A	0.6
8	☐			8184.52	0.0195	P	4.8

y = 0.0074 * x + 2.7758E-004
R = 0.9999
DL = 0.01353
BEC = 0.03776

Weight: <None>
Min Conc: 0

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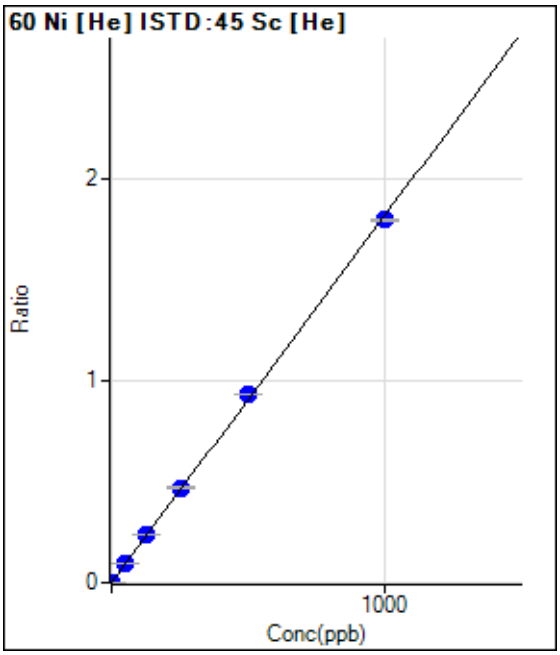
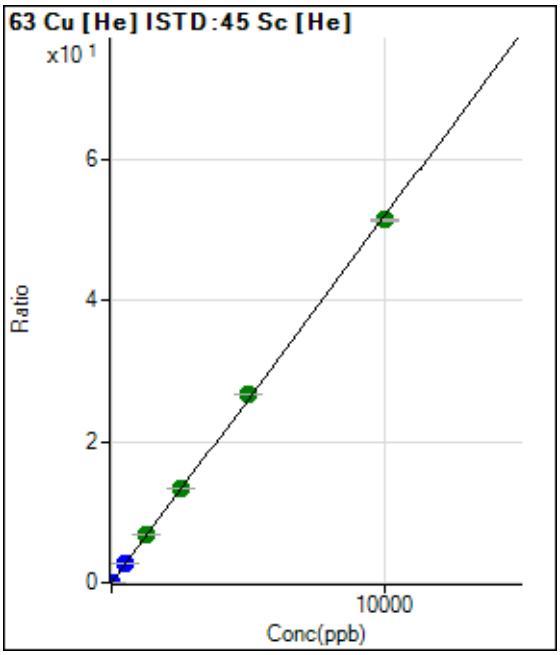


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.22	0.0002	P	21.
2	☐	1.000	1.078	1081.16	0.0022	P	5.4
3	☐	50.000	53.598	47670.01	0.0977	P	1.4
4	☐	125.000	132.258	113207.61	0.2408	P	1.0
5	☐	250.000	258.848	209597.74	0.4712	P	0.7
6	☐	500.000	514.402	399101.97	0.9361	P	0.3
7	☐	1000.000	989.500	759643.75	1.8004	P	0.8
8	☐			3937.22	0.0094	P	4.9

y = 0.0018 * x + 2.2429E-004
R = 0.9998
DL = 0.07871
BEC = 0.1233

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	548.90	0.0011	P	8.5
2	☐	2.000	1.967	5603.32	0.0113	P	2.5
3	☐	500.000	535.536	1358542.81	2.7853	P	0.7
4	☐	1250.000	1326.541	3242315.96	6.8977	A	1.1
5	☐	2500.000	2580.959	5969857.20	13.4194	A	0.9
6	☐	5000.000	5140.199	11393907.61	26.7248	A	0.9
7	☐	10000.000	9898.316	21712899.95	51.4621	A	0.8
8	☐			4859.72	0.0116	P	2.0

y = 0.0052 * x + 0.0011
R = 0.9998
DL = 0.05377
BEC = 0.2111

Weight: <None>
Min Conc: 0

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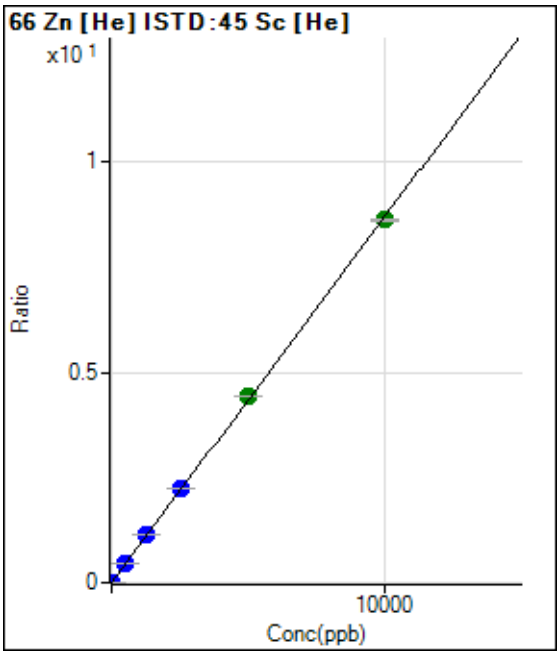
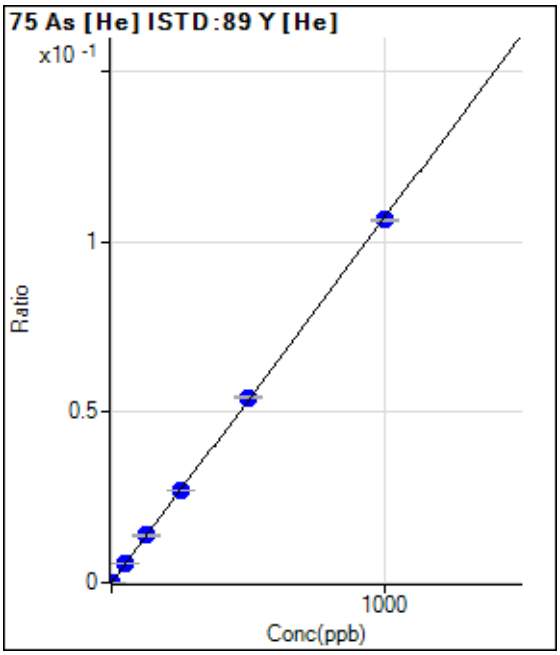


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	347.78	0.0007	P	15.
2	☐	5.000	5.178	2571.36	0.0052	P	3.5
3	☐	500.000	519.456	220586.76	0.4523	P	0.2
4	☐	1250.000	1296.279	530019.14	1.1275	P	0.7
5	☐	2500.000	2580.984	998410.93	2.2443	P	0.9
6	☐	5000.000	5095.073	1888675.27	4.4298	A	0.4
7	☐	10000.000	9925.460	3640825.12	8.6288	A	0.3
8	☐			2271.31	0.0054	P	3.8

y = 8.6929E-004 * x + 6.9552E-004
R = 0.9999
DL = 0.3653
BEC = 0.8001

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	34.
2	☐	1.000	1.088	337.79	0.0001	P	5.4
3	☐	50.000	52.160	15403.66	0.0056	P	1.1
4	☐	125.000	130.005	37361.32	0.0139	P	1.8
5	☐	250.000	254.491	69925.73	0.0273	P	0.9
6	☐	500.000	507.440	135091.00	0.0544	P	0.7
7	☐	1000.000	994.424	264273.16	0.1065	P	0.4
8	☐			188.89	0.0001	P	12.

y = 1.0714E-004 * x + 3.9174E-006
R = 0.9999
DL = 0.03819
BEC = 0.03656

Weight: <None>
Min Conc: 0

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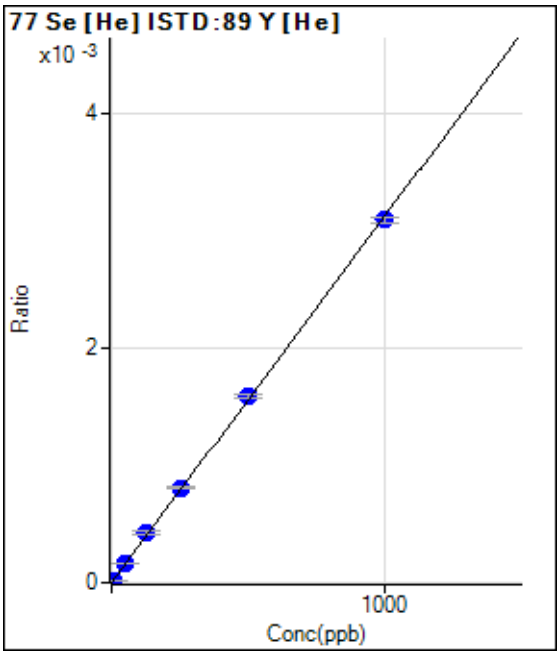
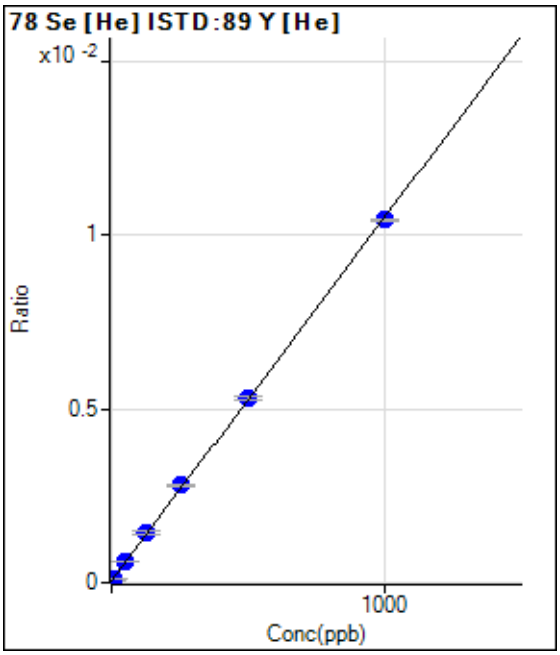


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.832	42.22	0.0000	P	25.
3	☐	50.000	51.628	443.34	0.0002	P	6.3
4	☐	125.000	137.310	1147.83	0.0004	P	5.9
5	☐	250.000	258.762	2067.94	0.0008	P	2.1
6	☐	500.000	510.450	3952.78	0.0016	P	2.2
7	☐	1000.000	990.965	7659.82	0.0031	P	1.7
8	☐			2.22	0.0000	P	86.

y = 3.1167E-006 * x + 0.0000E+000
R = 0.9998
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0000	P	21.
2	☐	5.000	5.517	298.89	0.0001	P	17.
3	☐	50.000	52.974	1661.22	0.0006	P	4.3
4	☐	125.000	133.961	3892.77	0.0015	P	7.1
5	☐	250.000	264.013	7209.60	0.0028	P	1.8
6	☐	500.000	503.224	13204.87	0.0053	P	1.5
7	☐	1000.000	993.613	25912.69	0.0104	P	0.8
8	☐			110.00	0.0000	P	25.

y = 1.0465E-005 * x + 4.8930E-005
R = 0.9999
DL = 3.039
BEC = 4.676

Weight: <None>
Min Conc: 0

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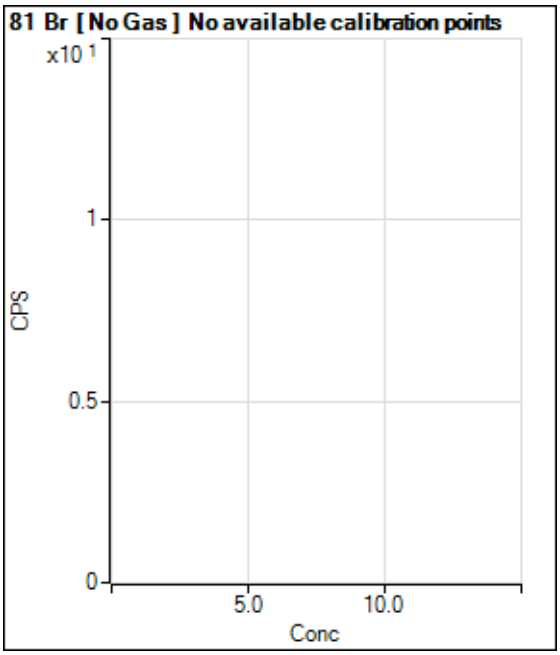
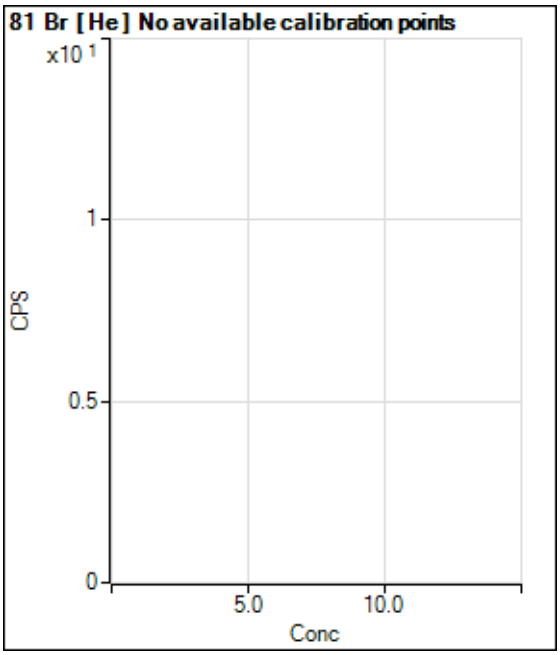


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8177.90		P	1.7
2	☐			7970.00		P	1.7
3	☐			7626.47		P	4.3
4	☐			7639.82		P	3.1
5	☐			6897.22		P	3.4
6	☐			6733.83		P	0.9
7	☐			6557.07		P	3.1
8	☐			6886.12		P	2.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			48.89		P	39.
2	☐			45.56		P	36.
3	☐			31.11		P	16.
4	☐			37.78		P	18.
5	☐			30.00		P	29.
6	☐			22.22		P	48.
7	☐			48.89		P	10.
8	☐			41.11		P	52.

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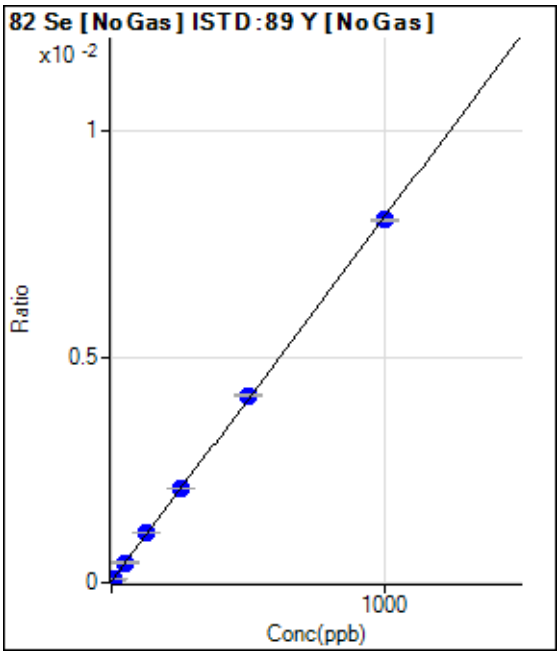


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	389.51	0.0000	P	3.6
2	☐	5.000	4.718	842.83	0.0001	P	3.9
3	☐	50.000	51.000	5445.50	0.0004	P	2.2
4	☐	125.000	131.813	12961.12	0.0011	P	0.1
5	☐	250.000	256.517	24117.18	0.0021	P	0.5
6	☐	500.000	510.047	45919.53	0.0042	P	0.4
7	☐	1000.000	992.447	88716.03	0.0080	P	0.8
8	☐			423.84	0.0000	P	9.0

y = 8.0739E-006 * x + 3.1938E-005

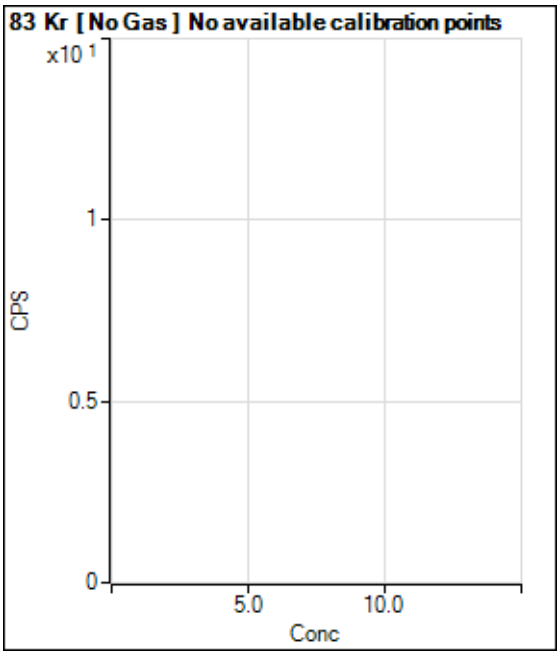
R = 0.9999

DL = 0.4272

BEC = 3.956

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			116.67		P	25.
2	☐			133.34		P	11.
3	☐			133.34		P	2.5
4	☐			105.56		P	7.9
5	☐			106.67		P	8.3
6	☐			121.11		P	19.
7	☐			120.00		P	16.
8	☐			114.45		P	22.

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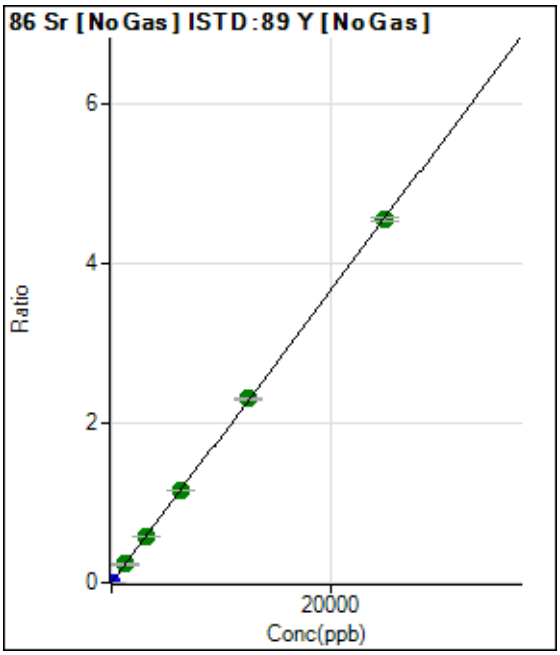
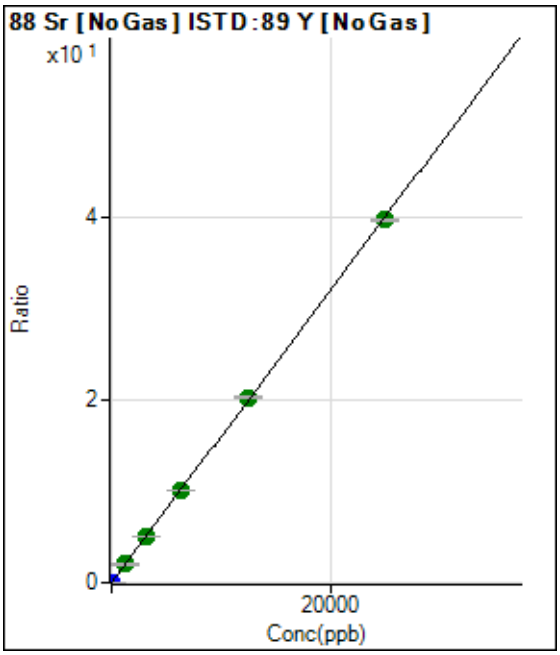


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	185.56	0.0000	P	2.5
2	☐	1.000	1.016	2413.55	0.0002	P	5.7
3	☐	1250.000	1266.844	2835422.28	0.2311	A	4.2
4	☐	3125.000	3206.076	6915370.66	0.5849	A	1.2
5	☐	6250.000	6338.194	13260894.38	1.1563	A	0.7
6	☐	12500.000	12633.300	25501874.90	2.3048	A	1.2
7	☐	25000.000	24900.325	50096082.03	4.5428	A	1.0
8	☐			7818.80	0.0008	P	0.4

y = 1.8244E-004 * x + 1.5218E-005
R = 1.0000
DL = 0.006183
BEC = 0.08342

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.12	0.0000	P	5.3
2	☐	1.000	1.010	19578.68	0.0016	P	2.7
3	☐	1250.000	1261.383	24657192.13	2.0101	A	4.6
4	☐	3125.000	3188.582	60075377.99	5.0813	A	0.8
5	☐	6250.000	6345.228	115958553.8	10.1116	A	0.3
6	☐	12500.000	12707.943	224079236.6	20.2511	A	0.9
7	☐	25000.000	24863.705	436939971.2	39.6222	A	0.8
8	☐			68256.30	0.0067	P	2.5

y = 0.0016 * x + 1.7314E-005
R = 0.9999
DL = 0.001718
BEC = 0.01087

Weight: <None>
Min Conc: 0

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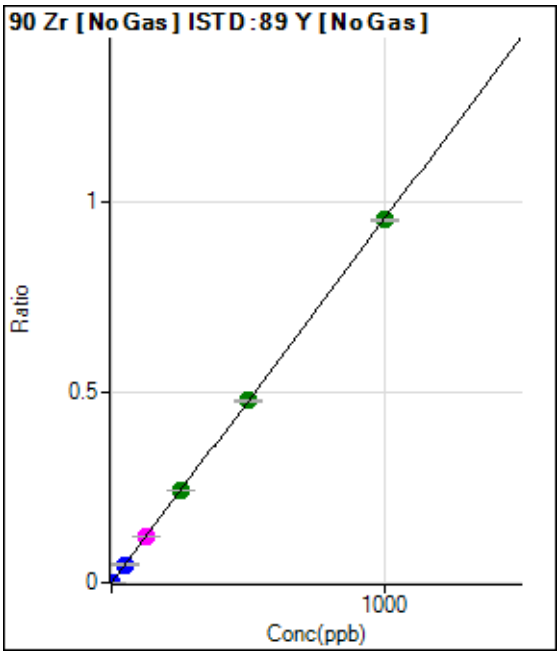
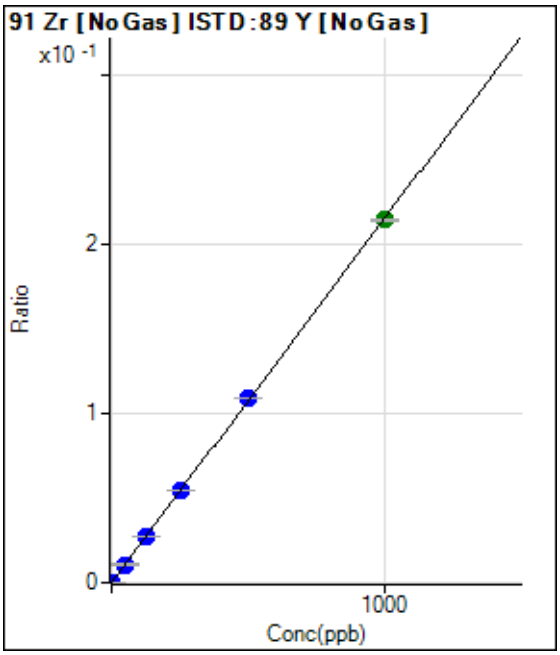


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	631.13	0.0001	P	5.1
2	☐	1.000	1.018	12334.13	0.0010	P	2.2
3	☐	50.000	49.777	584300.84	0.0476	P	3.9
4	☐	125.000	127.854	1445308.29	0.1222	M	1.1
5	☐	250.000	254.094	2785575.65	0.2429	A	0.3
6	☐	500.000	502.064	5309917.25	0.4799	A	1.0
7	☐	1000.000	997.599	10515271.09	0.9535	A	0.4
8	☐			7068.43	0.0007	P	1.2

y = 9.5575E-004 * x + 5.1748E-005
R = 1.0000
DL = 0.008289
BEC = 0.05414

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.56	0.0000	P	21.
2	☐	1.000	1.034	2795.84	0.0002	P	8.7
3	☐	50.000	49.882	131574.21	0.0107	P	3.1
4	☐	125.000	127.330	323416.05	0.0274	P	1.1
5	☐	250.000	252.602	622237.08	0.0543	P	0.2
6	☐	500.000	505.357	1200999.81	0.1085	P	0.4
7	☐	1000.000	996.386	2359849.53	0.2140	A	0.9
8	☐			1573.43	0.0002	P	3.3

y = 2.1476E-004 * x + 1.0304E-005
R = 1.0000
DL = 0.03124
BEC = 0.04798

Weight: <None>
Min Conc: 0

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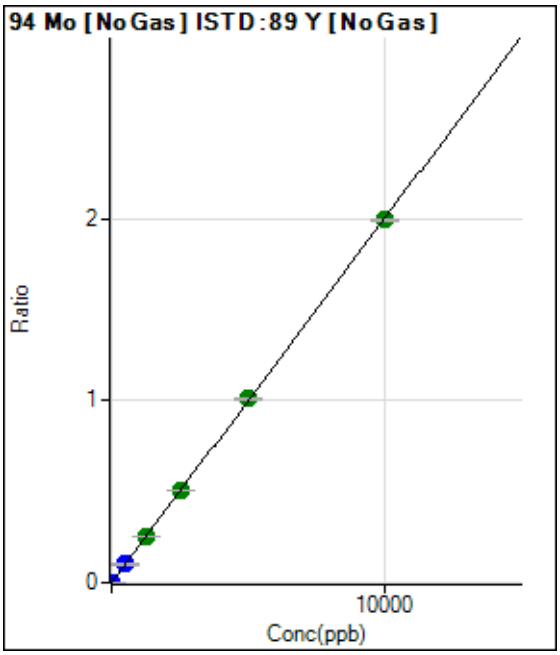
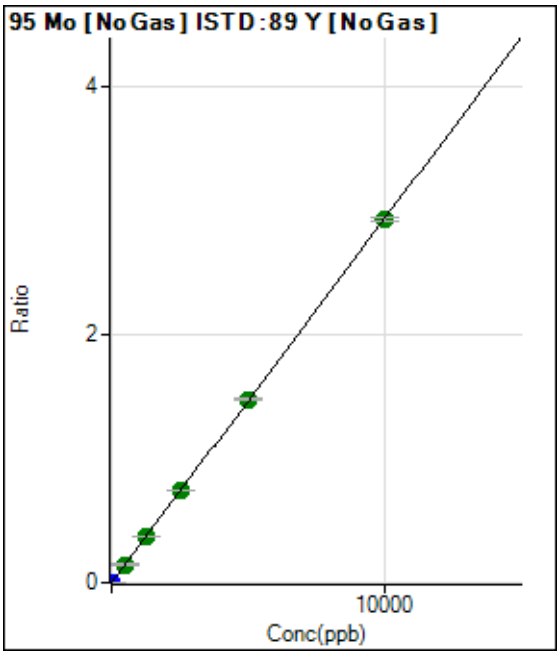


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	248.89	0.0000	P	4.9
2	☐	5.000	5.706	13991.24	0.0012	P	0.1
3	☐	500.000	508.564	1248632.93	0.1018	P	4.2
4	☐	1250.000	1279.618	3027285.79	0.2561	A	1.7
5	☐	2500.000	2521.390	5786101.58	0.5046	A	0.4
6	☐	5000.000	5049.066	11179017.75	1.0103	A	1.1
7	☐	10000.000	9965.988	21991958.84	1.9942	A	0.8
8	☐			6579.31	0.0006	P	2.6

y = 2.0010E-004 * x + 2.0408E-005
R = 1.0000
DL = 0.01495
BEC = 0.102

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0000	P	23.
2	☐	5.000	4.705	16657.34	0.0014	P	2.0
3	☐	500.000	499.381	1794514.09	0.1463	A	4.0
4	☐	1250.000	1272.459	4406407.68	0.3727	A	1.2
5	☐	2500.000	2526.258	8485463.48	0.7400	A	0.8
6	☐	5000.000	5033.654	16313480.31	1.4744	A	1.1
7	☐	10000.000	9973.832	32215860.35	2.9214	A	1.0
8	☐			6703.82	0.0007	P	1.9

y = 2.9290E-004 * x + 5.6470E-006
R = 1.0000
DL = 0.01366
BEC = 0.01928

Weight: <None>
Min Conc: 0

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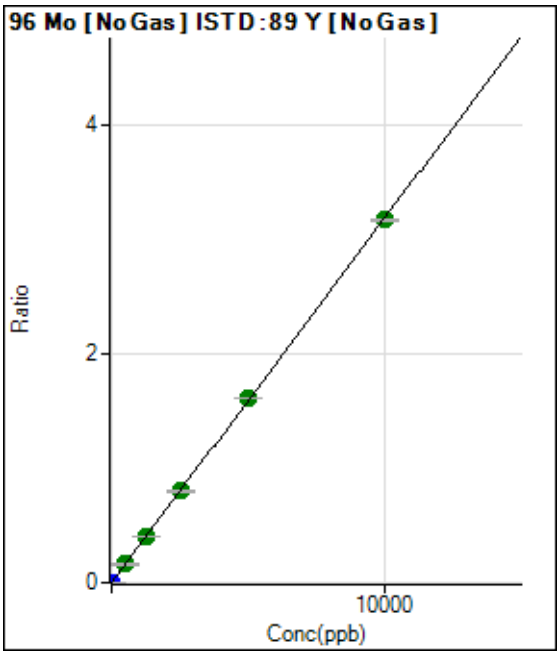
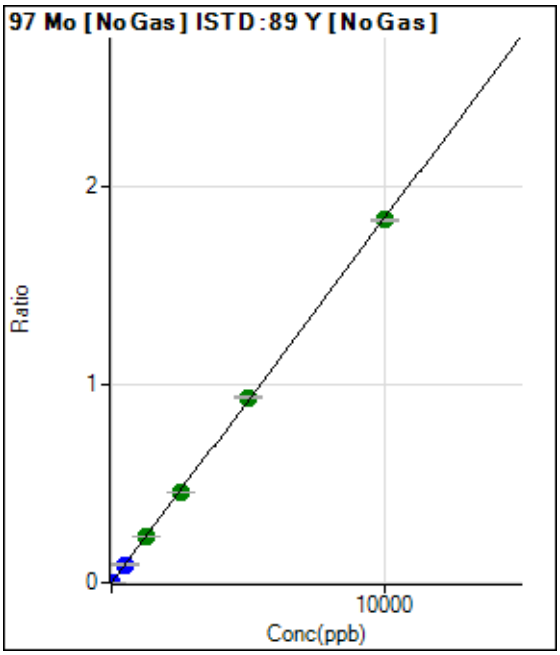


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0000	P	16.
2	☐	5.000	4.955	19119.24	0.0016	P	2.2
3	☐	500.000	507.026	1979751.31	0.1614	A	4.0
4	☐	1250.000	1270.725	4780974.17	0.4044	A	1.5
5	☐	2500.000	2516.858	9185145.28	0.8010	A	0.8
6	☐	5000.000	5068.719	17848191.96	1.6131	A	0.8
7	☐	10000.000	9958.484	34948783.64	3.1692	A	0.8
8	☐			12906.90	0.0013	P	0.5

y = 3.1824E-004 * x + 1.1397E-005
R = 1.0000
DL = 0.01733
BEC = 0.03581

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0000	P	14.
2	☐	5.000	4.723	10473.83	0.0009	P	0.8
3	☐	500.000	495.747	1116540.53	0.0910	P	3.2
4	☐	1250.000	1270.860	2757965.44	0.2333	A	1.0
5	☐	2500.000	2490.150	5241369.09	0.4571	A	0.9
6	☐	5000.000	5086.454	10330281.58	0.9336	A	0.5
7	☐	10000.000	9956.841	20154154.42	1.8276	A	0.4
8	☐			4046.16	0.0004	P	4.4

y = 1.8355E-004 * x + 3.0994E-006
R = 0.9999
DL = 0.007071
BEC = 0.01689

Weight: <None>
Min Conc: 0

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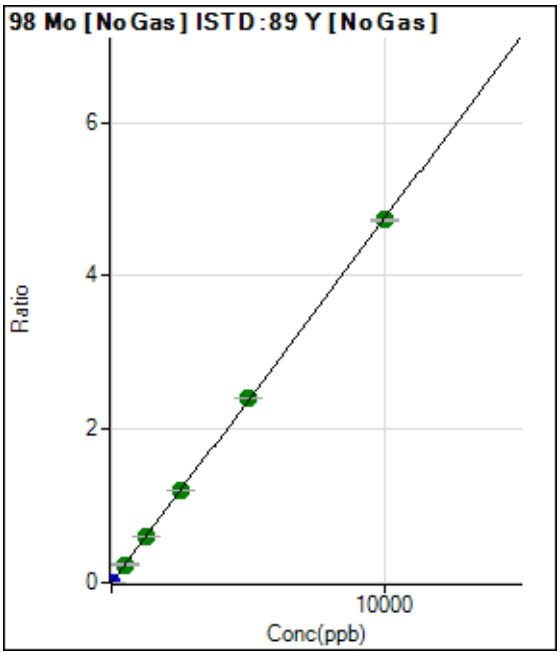
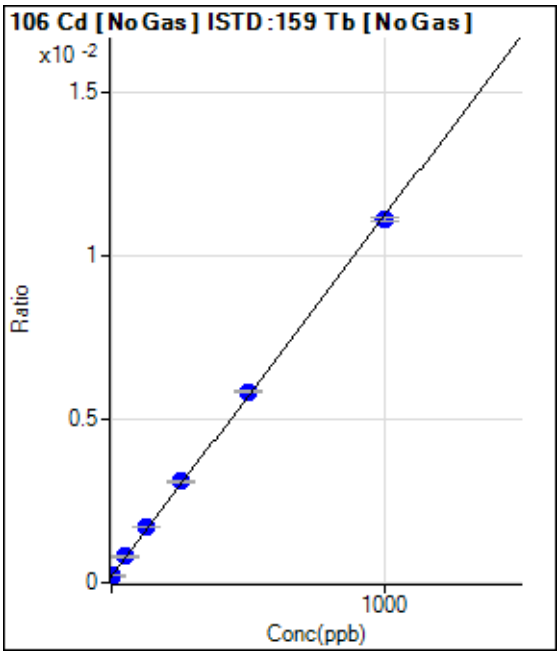


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	115.56	0.0000	P	29.
2	☐	5.000	4.761	27324.47	0.0023	P	1.7
3	☐	500.000	497.299	2896793.74	0.2361	A	3.6
4	☐	1250.000	1271.212	7135401.63	0.6035	A	1.4
5	☐	2500.000	2525.061	13747643.27	1.1988	A	0.2
6	☐	5000.000	5059.372	26577245.71	2.4019	A	0.4
7	☐	10000.000	9961.532	52152851.45	4.7292	A	0.5
8	☐			10347.07	0.0010	P	1.0

y = 4.7475E-004 * x + 9.4661E-006
R = 1.0000
DL = 0.01734
BEC = 0.01994

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3132.59	0.0002	P	5.0
2	☐	1.000	2.138	3454.89	0.0002	P	4.9
3	☐	50.000	54.408	12648.90	0.0008	P	5.9
4	☐	125.000	137.233	26436.32	0.0017	P	0.5
5	☐	250.000	263.143	47170.72	0.0031	P	1.2
6	☐	500.000	512.244	87112.42	0.0058	P	0.6
7	☐	1000.000	988.842	167855.69	0.0111	P	1.0
8	☐			2788.08	0.0002	P	5.1

y = 1.1005E-005 * x + 2.0310E-004
R = 0.9998
DL = 2.783
BEC = 18.46

Weight: <None>
Min Conc: 0

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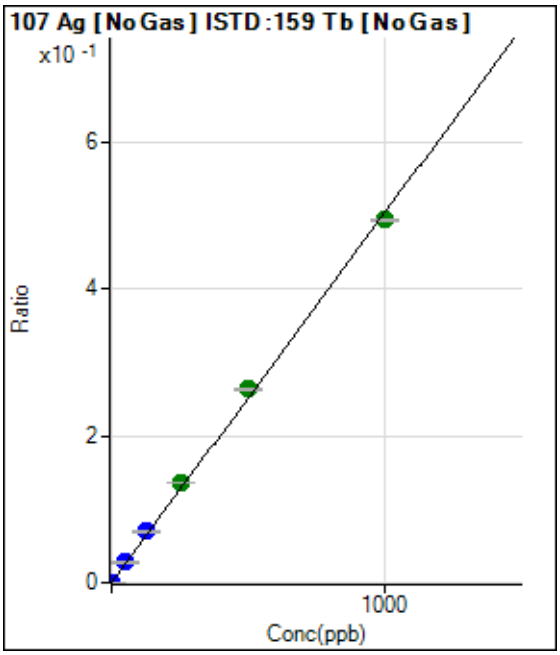
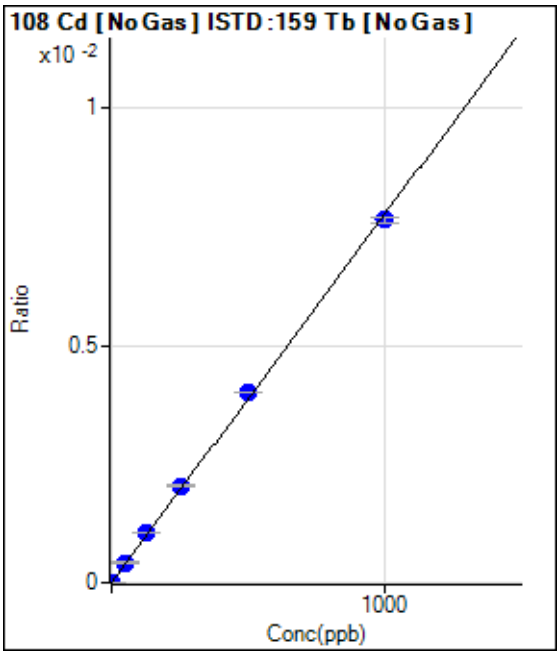


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.45	0.0000	P	18.
2	☐	1.000	1.065	8257.97	0.0005	P	2.0
3	☐	50.000	54.823	435801.99	0.0276	P	6.6
4	☐	125.000	138.237	1075006.70	0.0697	P	0.8
5	☐	250.000	269.374	2066386.78	0.1358	A	0.5
6	☐	500.000	523.107	3932214.35	0.2636	A	0.4
7	☐	1000.000	981.707	7491684.68	0.4947	A	0.8
8	☐			1363.41	0.0001	P	8.5

y = 5.0396E-004 * x + 4.8272E-006
R = 0.9993
DL = 0.005194
BEC = 0.009579

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	50.
2	☐	1.000	1.073	133.34	0.0000	P	11.
3	☐	50.000	54.311	6639.36	0.0004	P	8.3
4	☐	125.000	136.000	16264.78	0.0011	P	2.1
5	☐	250.000	263.738	31111.18	0.0020	P	1.8
6	☐	500.000	518.275	59901.82	0.0040	P	0.1
7	☐	1000.000	985.838	115662.13	0.0076	P	1.7
8	☐			58.89	0.0000	P	30.

y = 7.7479E-006 * x + 4.3233E-007
R = 0.9996
DL = 0.08364
BEC = 0.0558

Weight: <None>
Min Conc: 0

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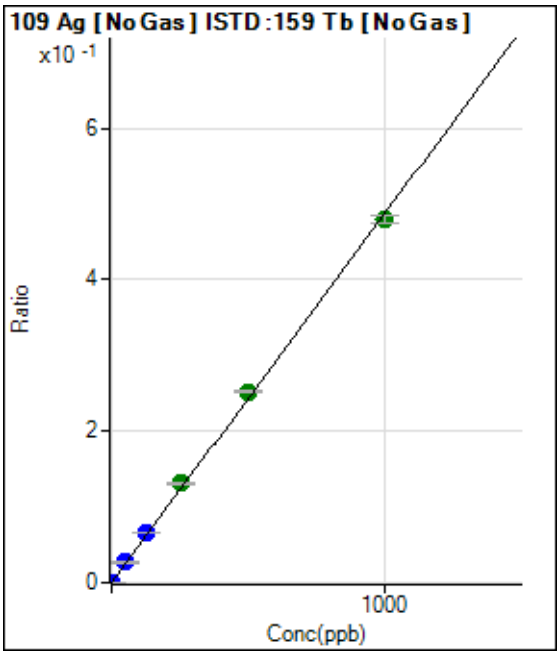
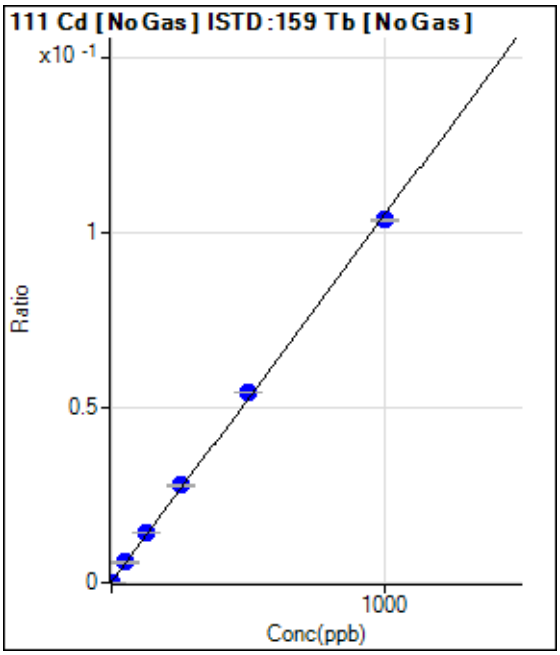


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0000	P	8.0
2	☐	1.000	1.064	7937.81	0.0005	P	2.8
3	☐	50.000	54.985	422298.04	0.0268	P	5.5
4	☐	125.000	136.594	1025955.98	0.0665	P	0.2
5	☐	250.000	269.292	1995274.94	0.1311	A	0.8
6	☐	500.000	518.676	3765885.15	0.2525	A	0.7
7	☐	1000.000	984.141	7253590.80	0.4790	A	2.0
8	☐			1333.41	0.0001	P	10.

y = 4.8676E-004 * x + 2.5932E-006
R = 0.9995
DL = 0.001282
BEC = 0.005327

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2193.70	0.0001	P	5.3
2	☐	1.000	1.215	4110.77	0.0003	P	0.9
3	☐	50.000	53.673	91034.74	0.0058	P	6.5
4	☐	125.000	136.005	222316.89	0.0144	P	0.3
5	☐	250.000	263.540	422930.35	0.0278	P	0.4
6	☐	500.000	516.536	810269.99	0.0543	P	0.2
7	☐	1000.000	986.787	1569500.95	0.1036	P	0.8
8	☐			2158.21	0.0002	P	5.3

y = 1.0489E-004 * x + 1.4222E-004
R = 0.9997
DL = 0.2139
BEC = 1.356

Weight: <None>
Min Conc: 0

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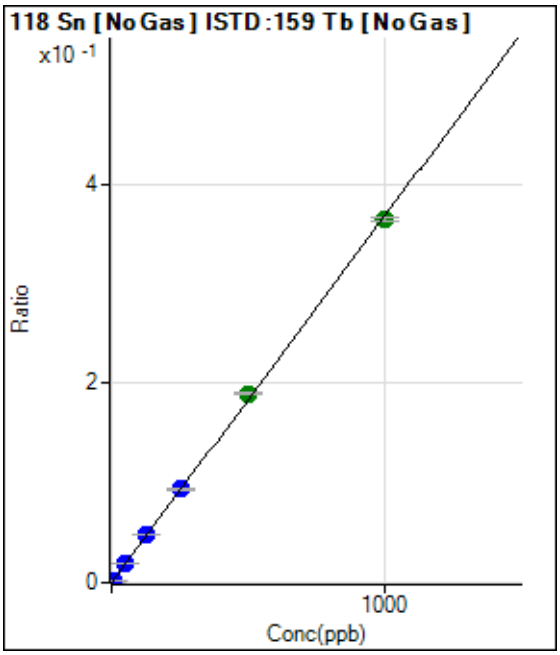
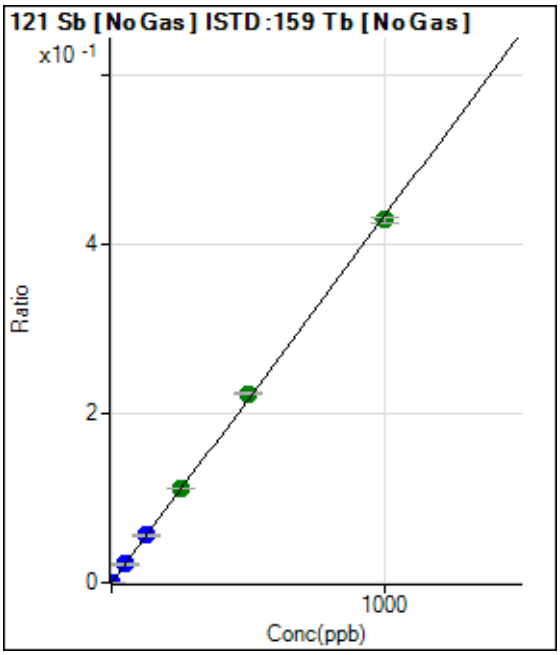


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	747.84	0.0000	P	19.
2	☐	5.000	5.245	30124.95	0.0020	P	0.7
3	☐	50.000	51.690	300548.17	0.0190	P	4.8
4	☐	125.000	130.166	738872.32	0.0479	P	0.5
5	☐	250.000	254.581	1424820.05	0.0936	P	0.4
6	☐	500.000	515.354	2825686.24	0.1894	A	1.0
7	☐	1000.000	990.446	5512535.68	0.3640	A	1.1
8	☐			7243.00	0.0005	P	3.2

y = 3.6751E-004 * x + 4.8512E-005
R = 0.9998
DL = 0.07758
BEC = 0.132

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0000	P	8.9
2	☐	2.000	2.049	13654.35	0.0009	P	0.7
3	☐	50.000	50.845	348175.42	0.0221	P	6.5
4	☐	125.000	128.842	863020.09	0.0559	P	0.8
5	☐	250.000	258.097	1705355.23	0.1120	A	0.6
6	☐	500.000	516.031	3341081.51	0.2240	A	0.6
7	☐	1000.000	989.438	6503306.29	0.4295	A	1.4
8	☐			5343.26	0.0004	P	3.2

y = 4.3407E-004 * x + 6.3412E-006
R = 0.9998
DL = 0.003896
BEC = 0.01461

Weight: <None>
Min Conc: 0

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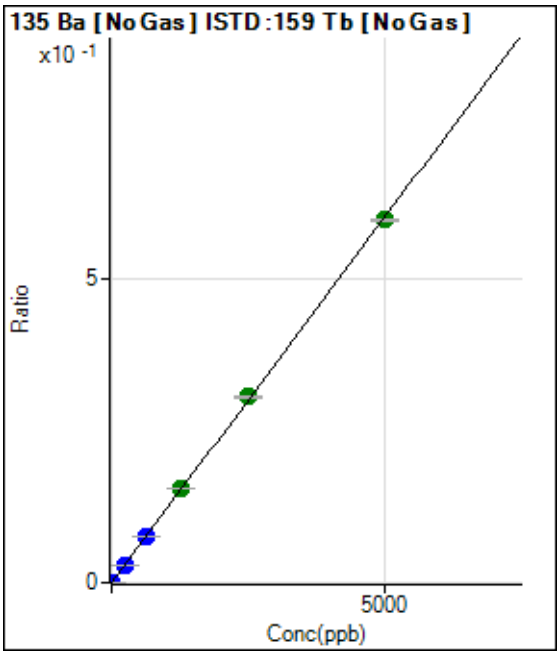
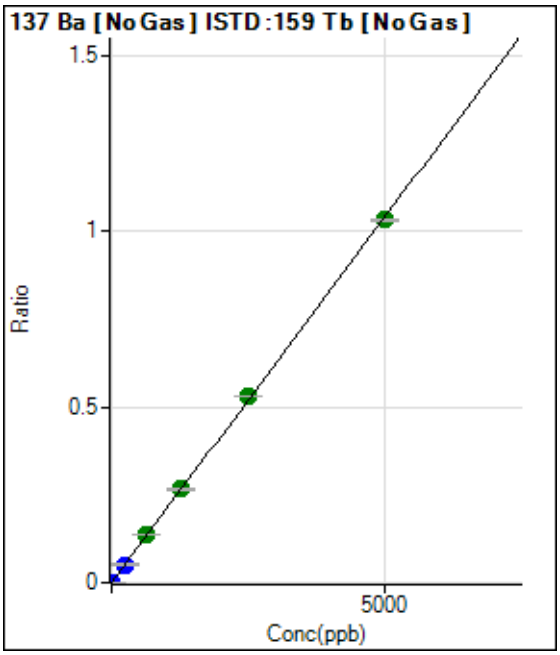


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.00	0.0000	P	11.
2	☐	10.000	9.749	17982.56	0.0012	P	2.2
3	☐	250.000	241.955	459620.30	0.0291	P	5.5
4	☐	625.000	620.395	1152460.26	0.0747	P	0.4
5	☐	1250.000	1291.883	2367305.19	0.1555	A	0.5
6	☐	2500.000	2544.603	4569117.40	0.3063	A	0.7
7	☐	5000.000	4968.206	9056728.61	0.5981	A	0.7
8	☐			3360.43	0.0002	P	2.4

y = 1.2038E-004 * x + 5.8359E-006
R = 0.9999
DL = 0.01619
BEC = 0.04848

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.78	0.0000	P	17.
2	☐	10.000	9.747	31012.70	0.0020	P	1.4
3	☐	250.000	246.539	807996.12	0.0512	P	4.9
4	☐	625.000	646.805	2072465.20	0.1343	A	0.3
5	☐	1250.000	1281.214	4049544.70	0.2660	A	0.7
6	☐	2500.000	2544.361	7880372.31	0.5283	A	0.1
7	☐	5000.000	4967.464	15619154.77	1.0315	A	0.9
8	☐			6020.21	0.0004	P	1.7

y = 2.0764E-004 * x + 1.0229E-005
R = 0.9999
DL = 0.02629
BEC = 0.04926

Weight: <None>
Min Conc: 0

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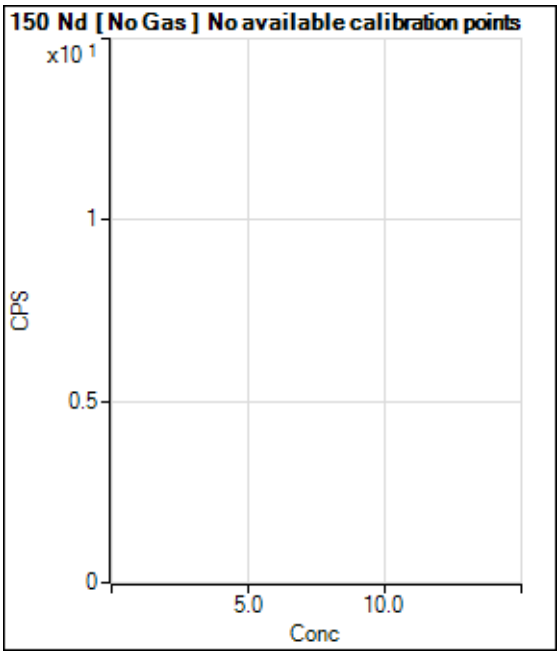

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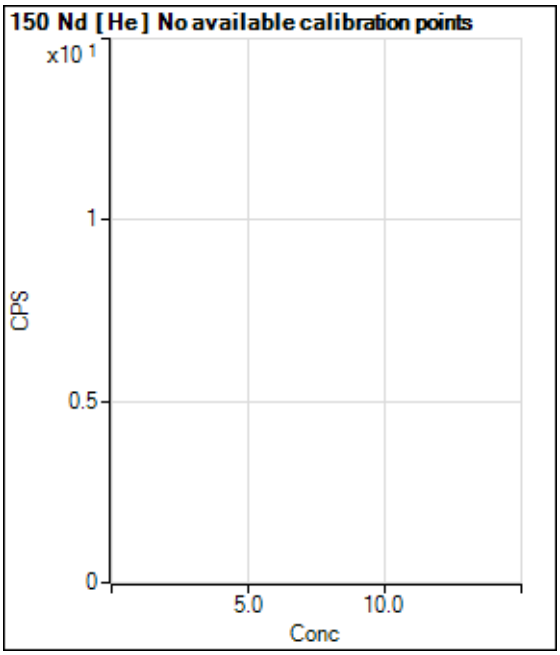
1	☐			12.22		P	68.
2	☐			4.45		P	86.
3	☐			38.89		P	47.
4	☐			66.67		P	30.
5	☐			156.67		P	18.
6	☐			330.01		P	11.
7	☐			541.13		P	11.
8	☐			153.34		P	5.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	43.
2	☐			2.22		P	86.
3	☐			5.56		P	34.
4	☐			20.00		P	50.
5	☐			28.89		P	24.
6	☐			56.67		P	41.
7	☐			113.34		P	22.
8	☐			75.55		P	9.2

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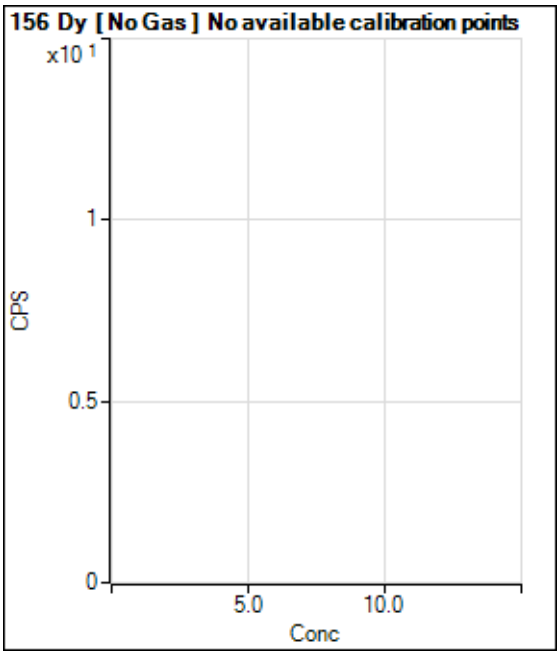
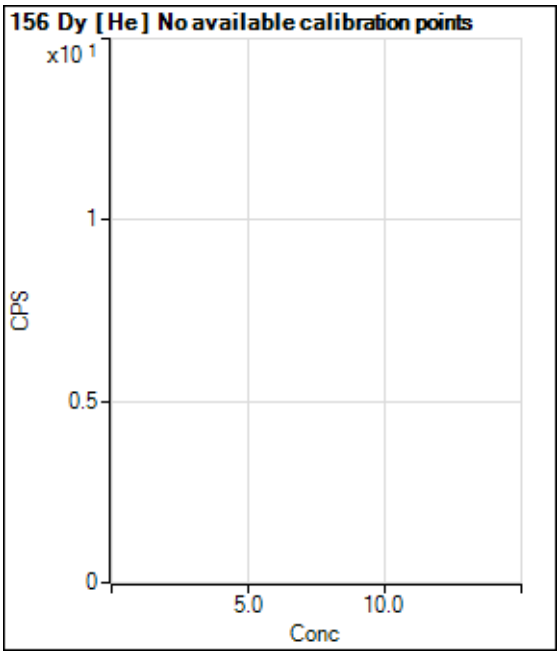


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			44.44		P	22.
2	☐			46.67		P	25.
3	☐			56.67		P	11.
4	☐			66.67		P	18.
5	☐			77.78		P	16.
6	☐			105.56		P	7.9
7	☐			185.56		P	13.
8	☐			291.12		P	13.



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.56		P	91.
2	☐			11.11		P	96.
3	☐			38.89		P	9.9
4	☐			60.00		P	41.
5	☐			131.11		P	50.
6	☐			194.45		P	7.7
7	☐			400.01		P	10.
8	☐			177.78		P	27.

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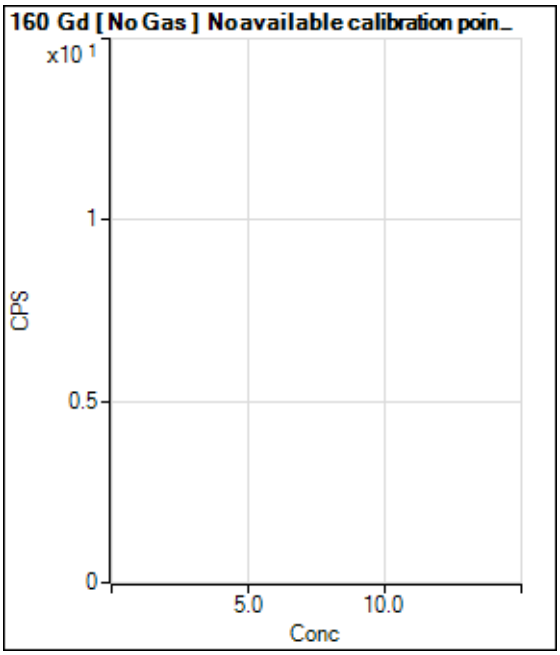
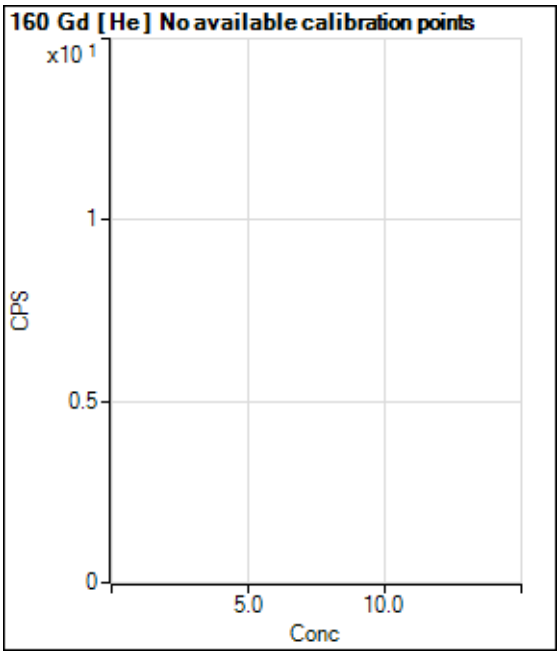


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			46.67		P	35.
2	☐			45.56		P	11.
3	☐			41.11		P	9.4
4	☐			66.67		P	27.
5	☐			75.56		P	6.7
6	☐			88.89		P	15.
7	☐			113.34		P	5.1
8	☐			255.56		P	2.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			470.01		P	1.4
2	☐			477.79		P	2.8
3	☐			426.68		P	10.
4	☐			446.68		P	4.9
5	☐			467.79		P	14.
6	☐			448.90		P	13.
7	☐			417.79		P	5.1
8	☐			557.80		P	9.9

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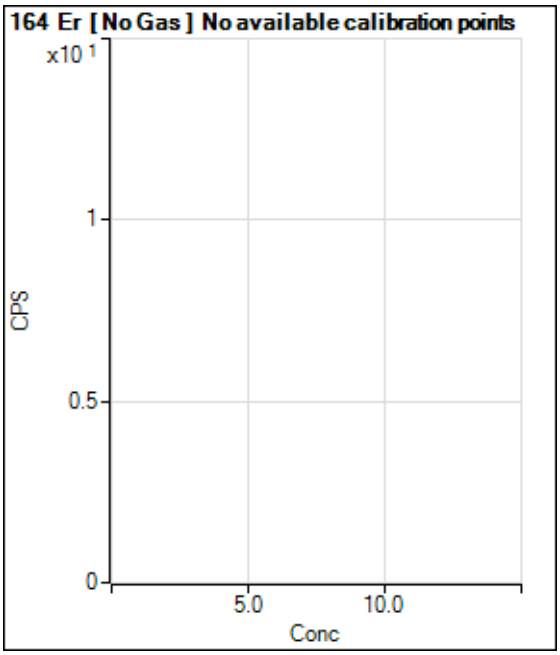
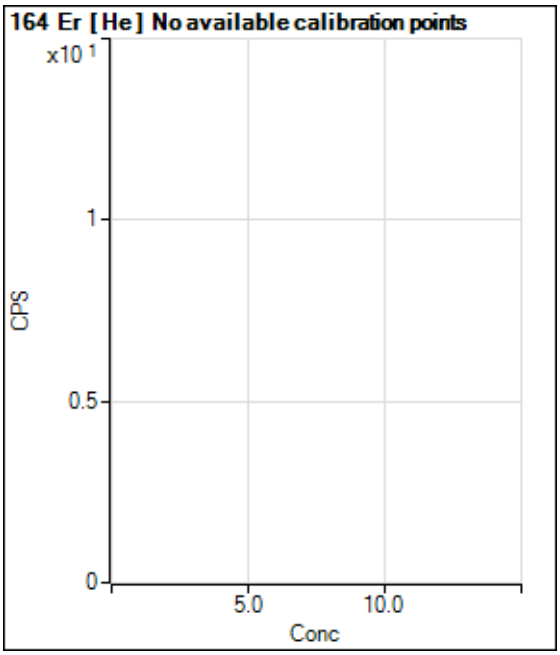


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			104.45		P	6.6
2	☐			102.22		P	15.
3	☐			121.11		P	20.
4	☐			128.89		P	24.
5	☐			131.11		P	19.
6	☐			145.56		P	15.
7	☐			168.89		P	7.5
8	☐			270.01		P	3.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			63.33		P	9.1
2	☐			74.44		P	10.
3	☐			77.78		P	9.9
4	☐			67.78		P	18.
5	☐			76.67		P	4.4
6	☐			85.55		P	12.
7	☐			123.34		P	7.1
8	☐			162.23		P	17.

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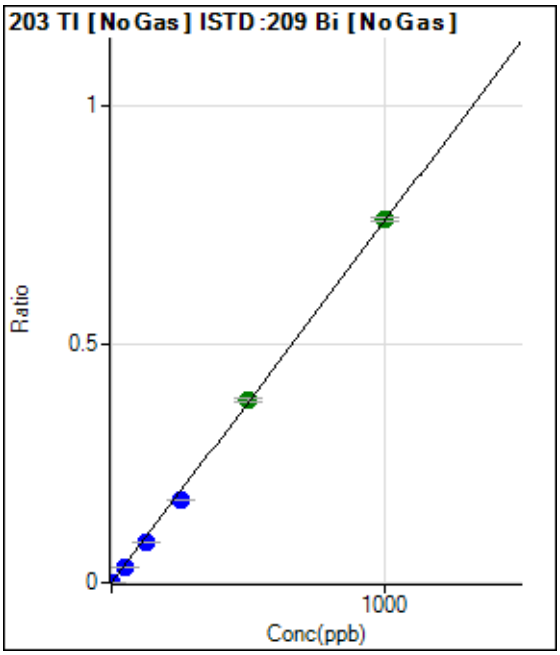
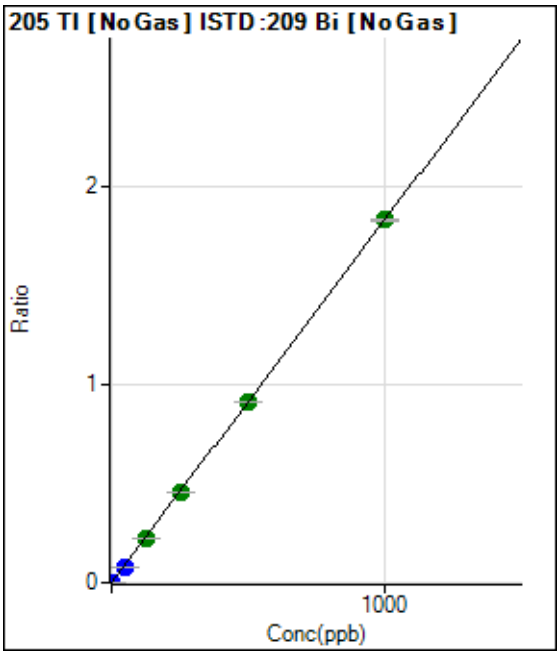


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	134.45	0.0000	P	20.
2	☐	1.000	0.891	6337.09	0.0007	P	4.3
3	☐	50.000	44.527	322285.56	0.0337	P	1.3
4	☐	125.000	113.759	809125.22	0.0862	P	0.8
5	☐	250.000	227.447	1599558.74	0.1723	P	0.9
6	☐	500.000	505.919	3491454.84	0.3831	A	1.3
7	☐	1000.000	1004.358	6834774.83	0.7606	A	0.9
8	☐			976.71	0.0001	P	6.8

y = 7.5726E-004 * x + 1.4336E-005
R = 0.9997
DL = 0.01144
BEC = 0.01893

Weight: <None>
Min Conc: 0

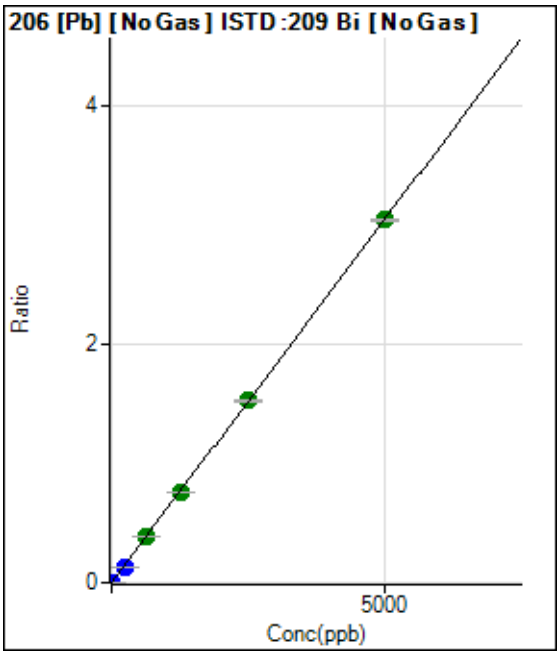


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	327.79	0.0000	P	3.8
2	☐	1.000	0.876	15084.01	0.0016	P	0.7
3	☐	50.000	44.022	770966.95	0.0807	P	4.3
4	☐	125.000	123.285	2122701.92	0.2260	A	1.1
5	☐	250.000	248.933	4237953.10	0.4564	A	1.1
6	☐	500.000	499.418	8343624.32	0.9155	A	0.7
7	☐	1000.000	1001.071	16491577.81	1.8352	A	0.6
8	☐			2301.33	0.0003	P	11.

y = 0.0018 * x + 3.4945E-005
R = 1.0000
DL = 0.002183
BEC = 0.01906

Weight: <None>
Min Conc: 0

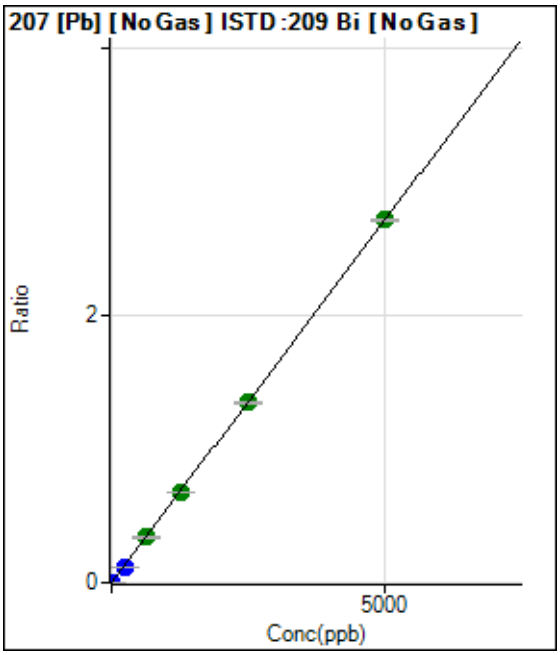
Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	413.35	0.0000	P	4.9
2	☐	1.000	0.862	5236.61	0.0006	P	2.3
3	☐	250.000	218.849	1273871.84	0.1334	P	2.7
4	☐	625.000	627.942	3593012.38	0.3826	A	0.2
5	☐	1250.000	1238.802	7008739.82	0.7547	A	0.6
6	☐	2500.000	2511.817	13945739.93	1.5303	A	1.0
7	☐	5000.000	4998.081	27363468.48	3.0449	A	0.5
8	☐			7011.88	0.0009	P	3.2

y = 6.0921E-004 * x + 4.4067E-005
R = 1.0000
DL = 0.01074
BEC = 0.07233

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	315.56	0.0000	P	9.7
2	☐	1.000	0.882	4704.19	0.0005	P	4.3
3	☐	250.000	221.278	1145380.45	0.1199	P	1.5
4	☐	625.000	626.677	3188056.17	0.3395	A	1.2
5	☐	1250.000	1241.892	6247197.06	0.6727	A	0.3
6	☐	2500.000	2487.124	12277329.12	1.3472	A	0.6
7	☐	5000.000	5009.691	24385425.19	2.7135	A	0.4
8	☐			6010.28	0.0008	P	3.8

y = 5.4165E-004 * x + 3.3645E-005
R = 1.0000
DL = 0.01803
BEC = 0.06212

Weight: <None>
Min Conc: 0

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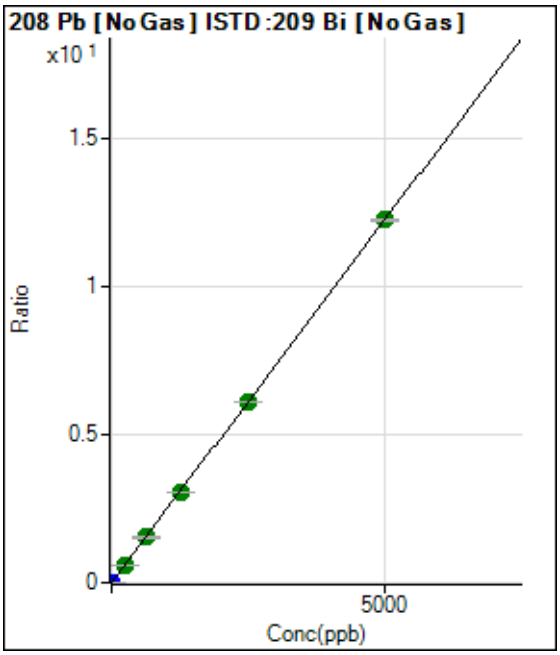
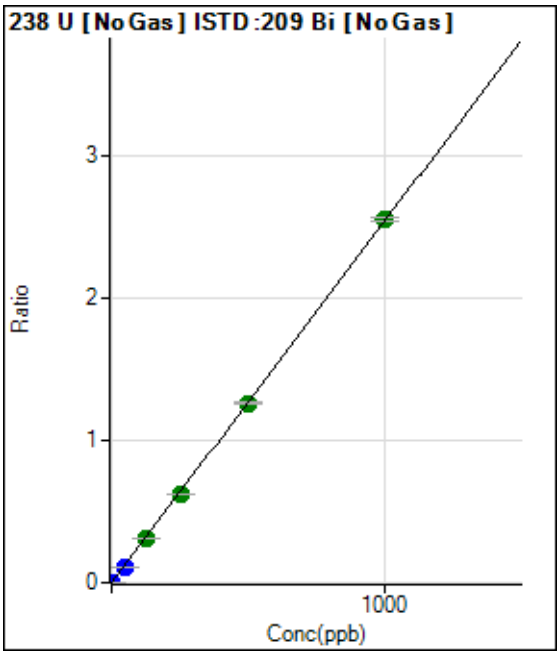


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1491.16	0.0002	P	3.1
2	☐	1.000	0.883	21354.55	0.0023	P	1.4
3	☐	250.000	233.905	5471928.91	0.5729	A	3.1
4	☐	625.000	624.077	14352961.83	1.5283	A	0.5
5	☐	1250.000	1237.964	28152815.69	3.0316	A	0.5
6	☐	2500.000	2496.279	55708470.55	6.1128	A	0.6
7	☐	5000.000	5005.790	110157107.2	12.2579	A	0.3
8	☐			27593.39	0.0036	P	3.6

y = 0.0024 * x + 1.5898E-004
R = 1.0000
DL = 0.005998
BEC = 0.06492

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.00	0.0000	P	8.3
2	☐	1.000	0.801	18793.32	0.0020	P	0.1
3	☐	50.000	41.095	998125.89	0.1045	P	0.9
4	☐	125.000	120.930	2886860.48	0.3074	A	0.8
5	☐	250.000	243.978	5759473.60	0.6202	A	0.5
6	☐	500.000	497.208	11518008.16	1.2639	A	0.8
7	☐	1000.000	1003.856	22930712.99	2.5517	A	1.2
8	☐			1048.94	0.0001	P	5.8

y = 0.0025 * x + 7.4623E-006
R = 1.0000
DL = 0.000727
BEC = 0.002936

Weight: <None>
Min Conc: 0

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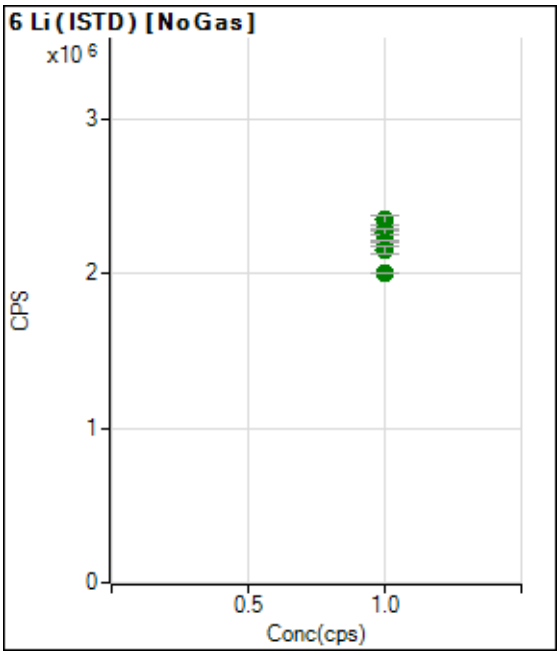
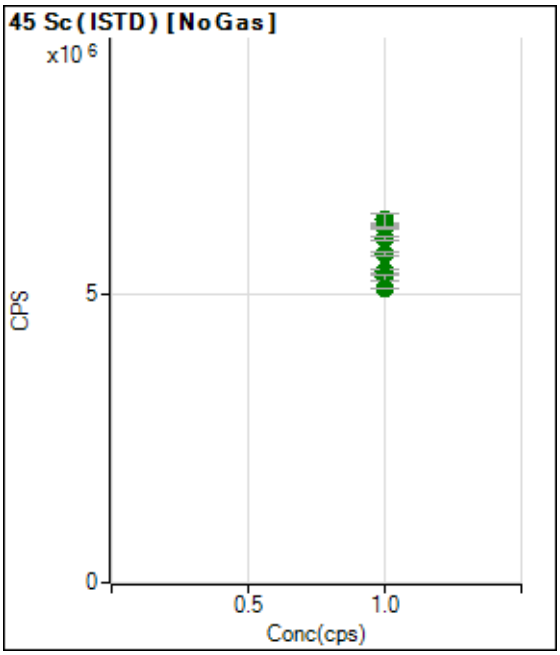


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2271485.83		A	1.2
2	☐	1.000		2287603.26		A	0.4
3	☐	1.000		2348701.61		A	2.5
4	☐	1.000		2276871.39		A	0.3
5	☐	1.000		2270553.68		A	1.6
6	☐	1.000		2206830.40		A	0.8
7	☐	1.000		2150306.91		A	2.3
8	☐	1.000		2007007.18		A	0.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6211088.80		A	0.5
2	☐	1.000		6144204.77		A	0.5
3	☐	1.000		6281780.05		A	3.7
4	☐	1.000		5973537.55		A	1.1
5	☐	1.000		5687334.22		A	1.3
6	☐	1.000		5393343.95		A	1.2
7	☐	1.000		5280755.41		A	1.5
8	☐	1.000		5090716.24		A	0.5

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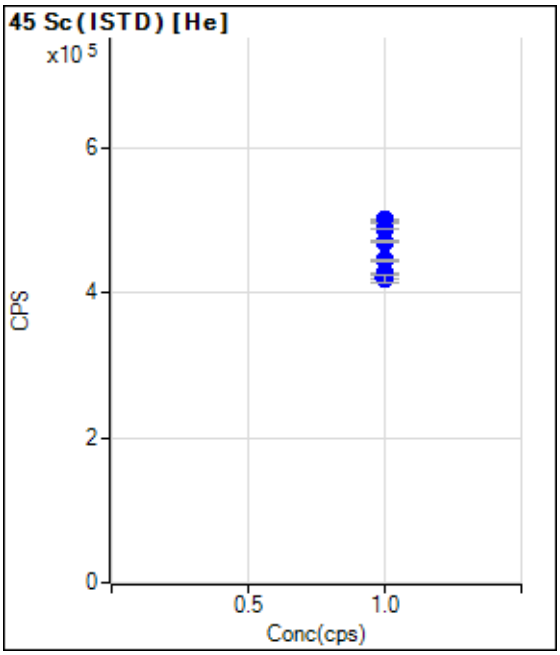
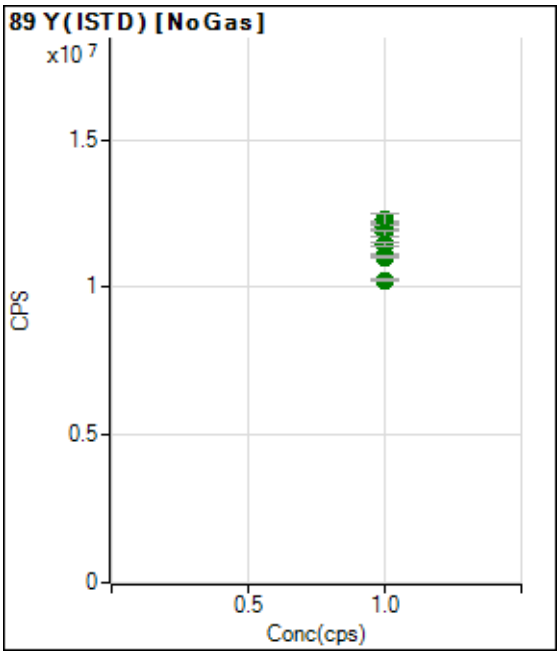


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		500211.33		P	0.4
2	☐	1.000		494787.54		P	0.0
3	☐	1.000		487750.17		P	0.3
4	☐	1.000		470067.40		P	0.6
5	☐	1.000		444875.47		P	0.6
6	☐	1.000		426356.49		P	0.6
7	☐	1.000		421943.84		P	1.1
8	☐	1.000		419236.65		P	2.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12194053.43		A	0.6
2	☐	1.000		12038353.15		A	1.1
3	☐	1.000		12278823.84		A	3.4
4	☐	1.000		11823862.32		A	1.4
5	☐	1.000		11468044.13		A	0.9
6	☐	1.000		11065183.31		A	0.8
7	☐	1.000		11028020.39		A	0.6
8	☐	1.000		10230243.95		A	0.7

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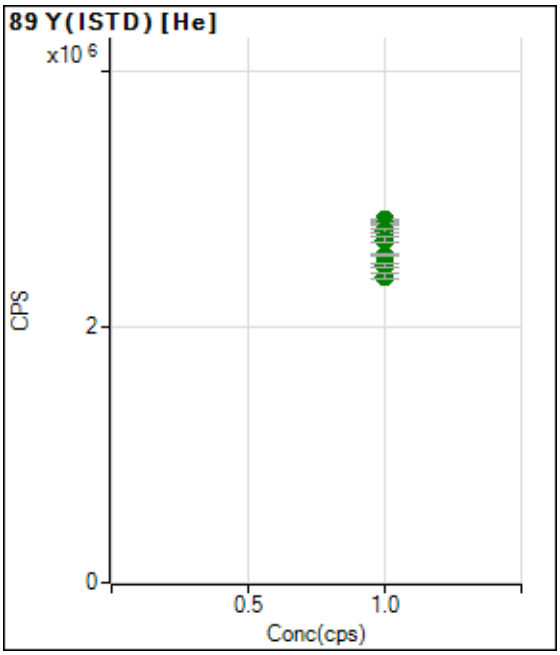

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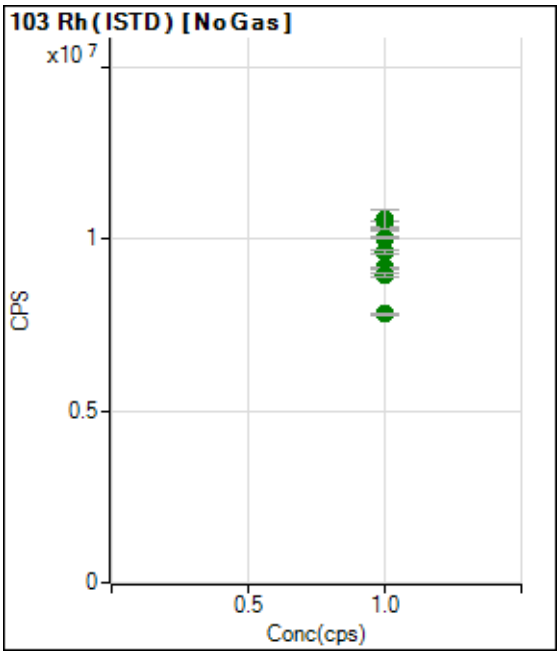
1	☐	1.000		2837977.08		A	0.3
2	☐	1.000		2804617.77		A	0.8
3	☐	1.000		2754217.39		A	1.0
4	☐	1.000		2681880.01		A	1.5
5	☐	1.000		2564114.41		A	0.8
6	☐	1.000		2484636.70		A	0.9
7	☐	1.000		2480343.82		A	1.2
8	☐	1.000		2395175.78		A	2.1



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1	☐	1.000		10530298.31		A	0.5
2	☐	1.000		10349918.25		A	0.6
3	☐	1.000		10565300.54		A	6.0
4	☐	1.000		10039944.78		A	0.7
5	☐	1.000		9640790.21		A	1.2
6	☐	1.000		9164665.70		A	0.5
7	☐	1.000		8944405.77		A	1.0
8	☐	1.000		7812958.01		A	0.4

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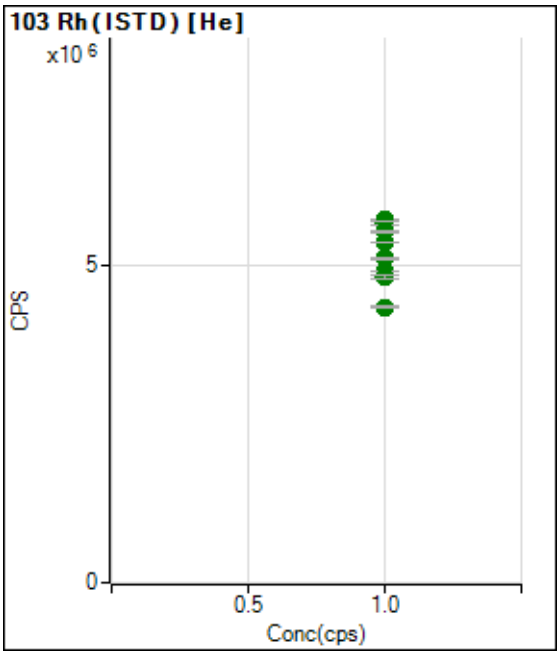
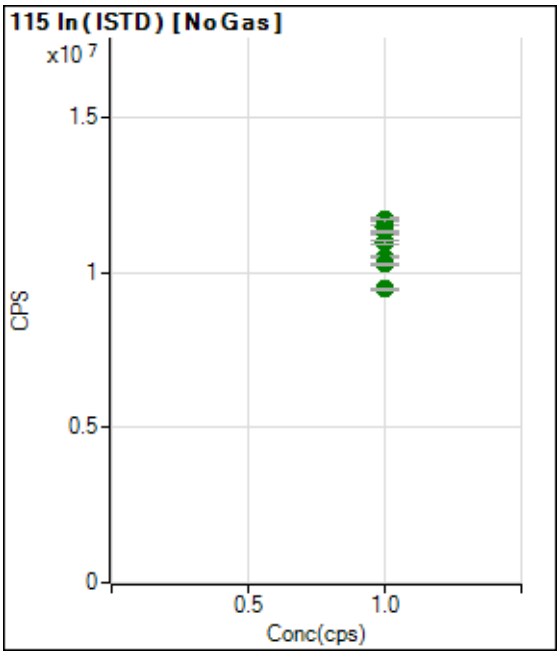


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5724483.11		A	0.8
2	☐	1.000		5663631.16		A	1.2
3	☐	1.000		5543360.06		A	0.7
4	☐	1.000		5377881.72		A	0.0
5	☐	1.000		5114186.10		A	0.3
6	☐	1.000		4913506.42		A	0.5
7	☐	1.000		4817903.71		A	1.6
8	☐	1.000		4347405.28		A	0.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11701143.96		A	1.0
2	☐	1.000		11539500.45		A	0.4
3	☐	1.000		11486226.33		A	4.3
4	☐	1.000		11341899.27		A	0.5
5	☐	1.000		10975223.28		A	0.8
6	☐	1.000		10512417.76		A	0.3
7	☐	1.000		10276988.26		A	0.5
8	☐	1.000		9465115.08		A	0.7

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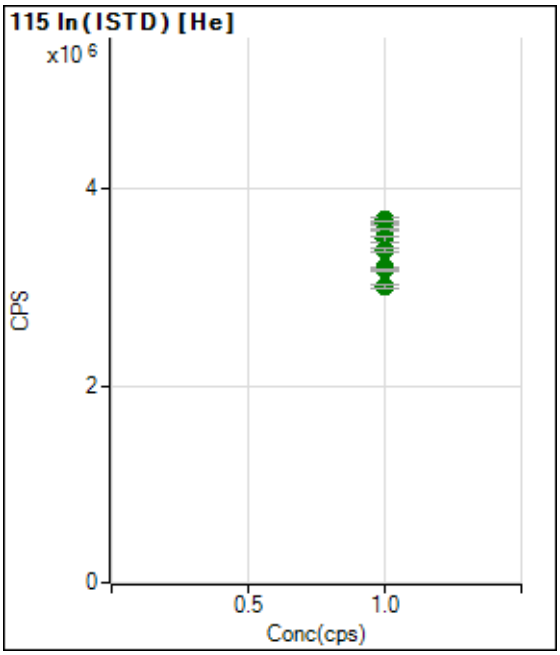

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2	☐	1.000		3658737.23		A	0.9
3	☐	1.000		3579629.11		A	0.6
4	☐	1.000		3493060.02		A	1.5
5	☐	1.000		3374809.73		A	1.2
6	☐	1.000		3195680.35		A	0.4
7	☐	1.000		3175961.71		A	0.9
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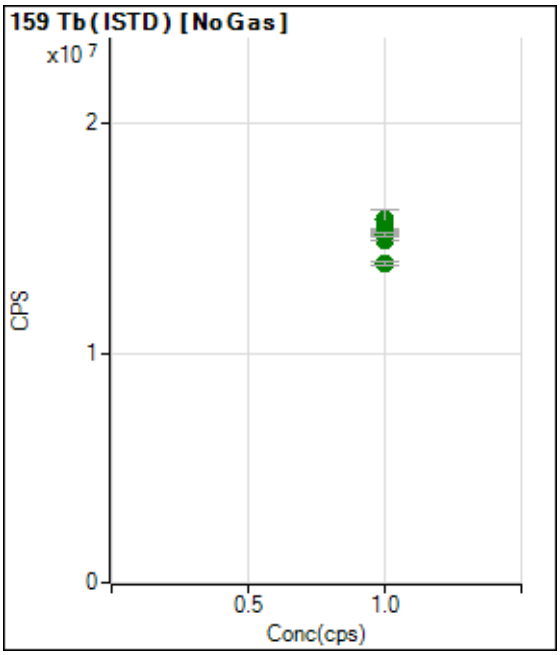

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2	☐	1.000		15246091.44		A	0.4
3	☐	1.000		15809551.43		A	5.7
4	☐	1.000		15429905.74		A	0.3
5	☐	1.000		15221124.08		A	0.4
6	☐	1.000		14915753.67		A	0.3
7	☐	1.000		15143205.89		A	0.9
8	☐	1.000		13908493.12		A	1.1

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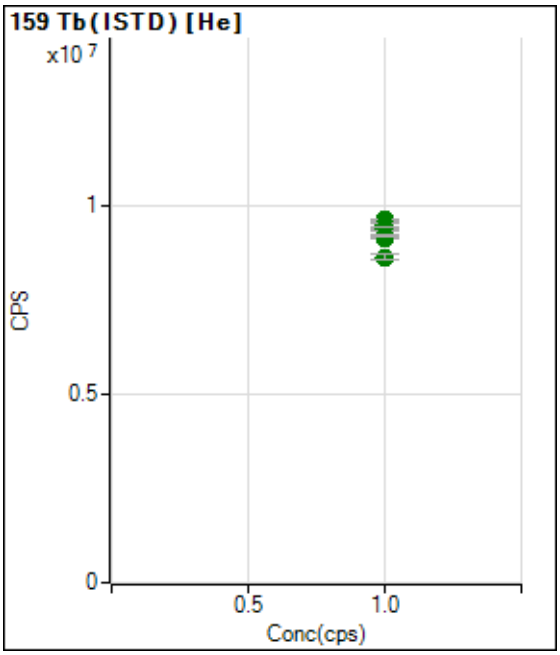

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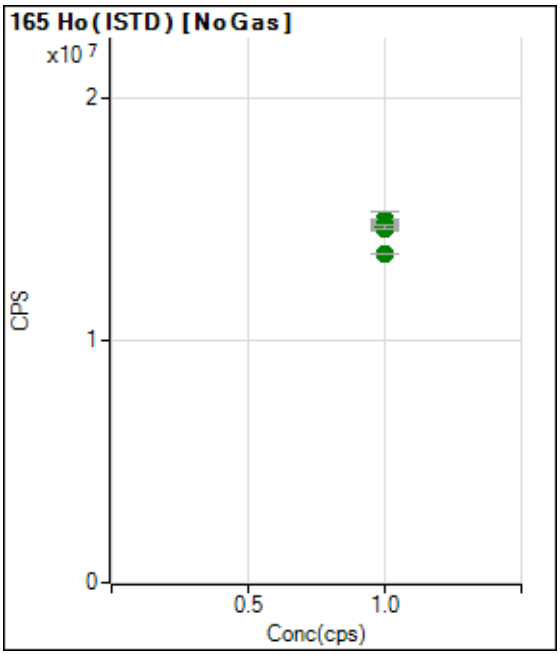
2	☐	1.000		9615989.51		A	0.8
3	☐	1.000		9605424.30		A	0.5
4	☐	1.000		9475005.48		A	1.3
5	☐	1.000		9385339.10		A	0.8
6	☐	1.000		9152116.18		A	0.4
7	☐	1.000		9200623.47		A	0.4
8	☐	1.000		8641782.44		A	2.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐	1.000		14779950.20		A	0.3
3	☐	1.000		14955399.78		A	4.6
4	☐	1.000		14954904.36		A	0.6
5	☐	1.000		14752372.70		A	1.6
6	☐	1.000		14600948.67		A	0.7
7	☐	1.000		14697560.06		A	1.1
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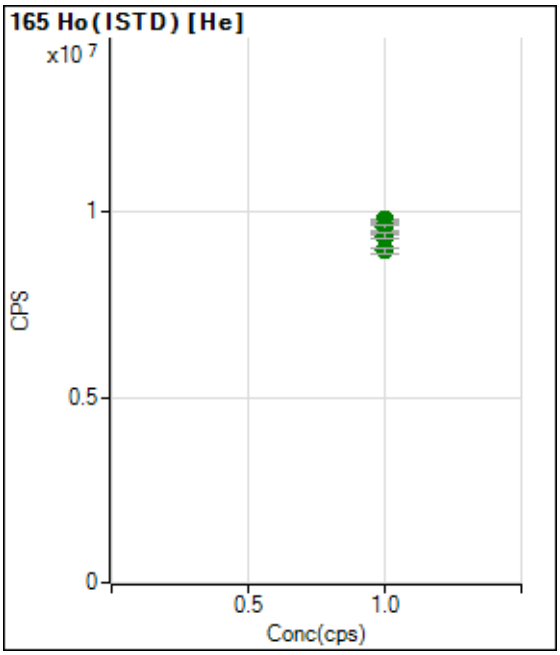

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2	☐	1.000		9731216.52		A	0.4
3	☐	1.000		9719162.28		A	0.4
4	☐	1.000		9719943.95		A	0.6
5	☐	1.000		9563087.36		A	1.5
6	☐	1.000		9343411.53		A	1.1
7	☐	1.000		9354029.72		A	1.3
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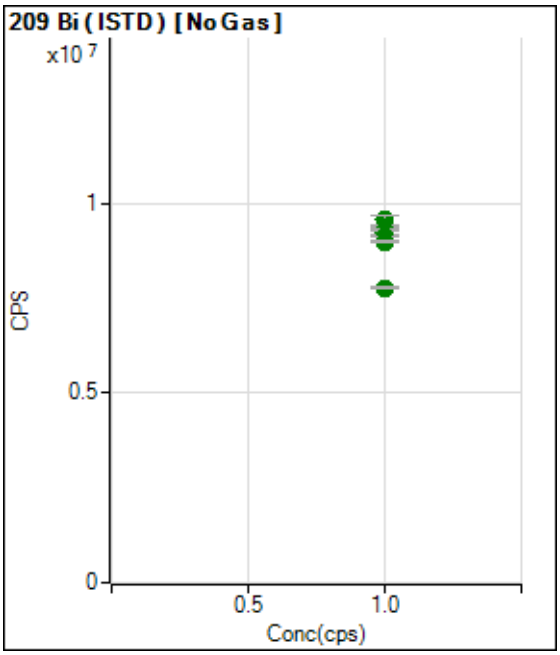

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2	☐	1.000		9198348.89		A	1.1
3	☐	1.000		9555718.68		A	2.6
4	☐	1.000		9391178.96		A	0.2
5	☐	1.000		9286577.92		A	0.6
6	☐	1.000		9113449.79		A	0.5
7	☐	1.000		8986593.75		A	0.4
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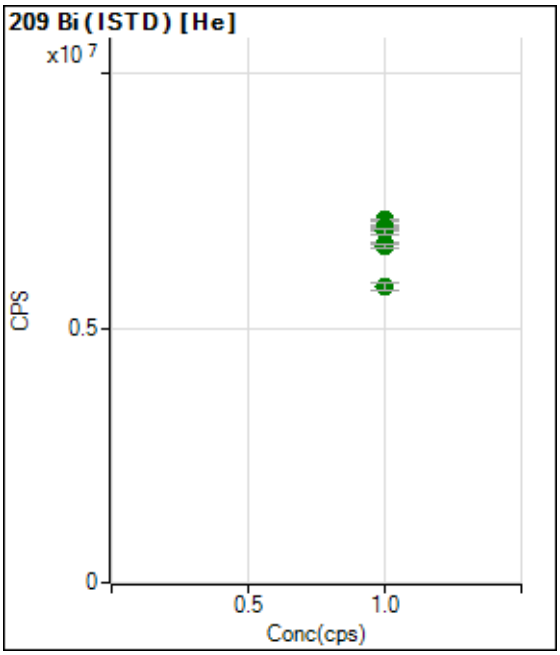


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7123170.52		A	0.4
2	☐	1.000		7132737.05		A	0.2
3	☐	1.000		7009883.85		A	0.5
4	☐	1.000		6960649.55		A	1.1
5	☐	1.000		6912088.23		A	1.5
6	☐	1.000		6669912.89		A	0.8
7	☐	1.000		6611909.90		A	1.1
8	☐	1.000		5822933.94		A	2.2

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7
ClientSampleId :TUNE010

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7100324-MS5.b
Acq. Date-Time	2024-10-03 15:23:01
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		8458	84582.31			1.354	5.000
24		139764	1397638.36			1.525	5.000
25		18286	182856.26			1.477	5.000
26		20498	204979.35			1.578	5.000
59		72784	727836.58			1.622	5.000
113		11410	114099.77			1.911	5.000
115		139216	1392164.20			1.934	5.000
206		29497	294968.43			1.409	5.000
207		26387	263868.88			1.488	5.000
208		62626	626257.09			1.503	5.000
220		0	3.50			31.944	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

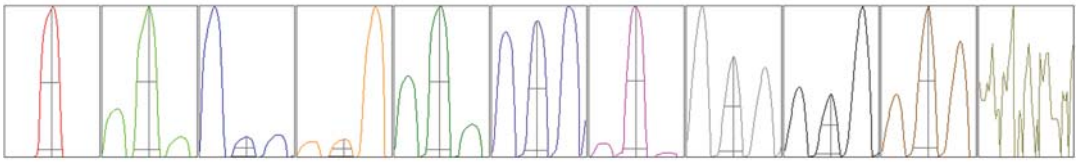
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8438	8651	8457	8385	8361
24	138201	143335	139997	139095	138191
25	18087	18758	18243	18173	18167
26	20255	21049	20523	20335	20328
59	72299	74780	72909	71967	71964
113	11358	11785	11393	11249	11265
115	139320	143474	138857	138382	136049
206	29414	30197	29487	29127	29259
207	26286	27040	26428	26060	26121
208	62269	64231	62605	62217	61807

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	14895.94	9.00	8.90 - 9.10	
24	239415.26	24.00	23.90 - 24.10	
25	31142.12	25.00	24.90 - 25.10	
26	34699.91	26.00	25.90 - 26.10	
59	123559.22	58.95	58.90 - 59.10	
113	21399.58	112.95	112.90 - 113.10	
115	259837.20	115.00	114.90 - 115.10	
206	58851.32	206.00	205.90 - 206.10	
207	52710.52	207.00	206.90 - 207.10	
208	125756.54	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.771	0.900	
24	0.63	0.819	0.900	
25	0.62	0.771	0.900	
26	0.61	0.775	0.900	
59	0.61	0.775	0.900	
113	0.54	0.743	0.900	
115	0.55	0.759	0.900	
206	0.51	0.769	0.900	
207	0.51	0.768	0.900	
208	0.51	0.787	0.900	
220				

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

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7
ClientSampleId :TUNE010

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	16.4 V
Extract 2	-115.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 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	0.9976	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.14		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.7 mm		

EM

Discriminator	4.7 mV	Analog HV	2384 V	Pulse HV	1668 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		23057	230570.26			0.602	
89		25330	253301.77			0.518	
205		30865	308654.42			0.530	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	23203	23129	23071	23048	22833
89	25430	25418	25380	25313	25110
205	31124	30890	30860	30742	30710

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	8.4 V	Deflect	3.6 V

US EPA Tune Check Report

Extract 2	-110.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-60 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	0.9976	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.14		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.7 mm		

EM

Discriminator	4.7 mV	Analog HV	2384 V	Pulse HV	1668 V

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:51:29	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.00	-0.04	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	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.02	-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	-0.03	0.03	0.00	0.00	N/A	ppb
Cadmium	106-1	0.42	0.65	-1.06	0.00	N/A	ppb
Cadmium	111-1	0.03	0.05	-0.08	0.00	N/A	ppb
Calcium	43-1	-3.52	-1.26	4.77	0.00	N/A	ppb
Calcium	44-1	0.36	0.10	-0.46	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-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	0.01	-0.02	0.01	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	-0.07	0.08	-0.01	0.00	N/A	ppb
Iron	57-2	-0.82	-0.51	1.34	0.00	N/A	ppb
Iron	54-2	0.68	-0.15	-0.53	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:51:29	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	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	0.12	-0.27	0.15	0.00	N/A	ppb
Manganese	55-2	0.00	-0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-16.42	-16.91	-17.78	-17.03		ppb
Potassium	39-2	0.14	-0.56	0.42	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.16	-0.08	-0.09	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.94	-1.07	0.13	0.00	N/A	ppb
Silicon	28-1	0.01	-0.11	0.10	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	0.13	-0.17	0.04	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-54.09	-16.52	49.85	-6.92		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	-0.02	-0.01	0.03	0.00	N/A	ppb
Titanium	47-1	0.04	-0.03	-0.01	0.00	N/A	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:51:29	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	-0.12	-0.01	0.12	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:54:47	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.84	25.39	24.91	24.72	3.21	ppb
Antimony	121-1	2.05	2.03	2.06	2.05	0.71	ppb
Arsenic	75-2	1.02	1.14	1.11	1.09	5.56	ppb
Barium	135-1	9.68	9.58	9.99	9.75	2.20	ppb
Barium	137-1	9.76	9.61	9.88	9.75	1.37	ppb
Beryllium	9-1	1.10	1.10	1.17	1.12	3.85	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.11	1.18	0.93	1.07	11.99	ppb
Cadmium	106-1	3.18	2.06	1.18	2.14	46.84	ppb
Cadmium	111-1	1.24	1.22	1.19	1.21	1.98	ppb
Calcium	43-1	523.12	518.82	540.19	527.37	2.14	ppb
Calcium	44-1	518.70	522.34	522.32	521.12	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.16	2.05	2.10	2.56	ppb
Cobalt	59-2	1.08	1.05	1.09	1.07	2.14	ppb
Copper	63-2	1.94	1.93	2.03	1.97	2.79	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				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	56.18	55.52	56.17	55.96	0.67	ppb
Iron	57-2	59.46	55.77	59.31	58.18	3.60	ppb
Iron	54-2	59.50	62.03	60.77	60.77	2.08	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:54:47	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.89	0.85	0.85	0.86	2.51	ppb
Lead	207-1	0.91	0.84	0.90	0.88	4.64	ppb
Lead	208-1	0.90	0.87	0.88	0.88	1.53	ppb
Lithium	6-1				101		%
Magnesium	24-2	530.09	541.99	530.87	534.32	1.25	ppb
Manganese	55-2	1.04	1.10	1.07	1.07	2.74	ppb
Molybdenum	94-1	5.71	5.70	5.70	5.71	0.10	ppb
Molybdenum	95-1	4.71	4.61	4.80	4.71	2.04	ppb
Molybdenum	96-1	4.93	4.86	5.08	4.96	2.22	ppb
Molybdenum	97-1	4.72	4.76	4.69	4.72	0.79	ppb
Molybdenum	98-1	4.67	4.79	4.82	4.76	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.13	1.10	1.08	5.96	ppb
Phosphorus	31-2	16.73	12.33	22.05	17.03	28.58	ppb
Potassium	39-2	525.48	526.59	531.12	527.73	0.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	4.78	4.35	5.01	4.72	7.09	ppb
Selenium	77-2	5.30	5.77	3.43	4.83	25.61	ppb
Selenium	78-2	3.67	7.23	5.65	5.52	32.38	ppb
Silicon	28-1	2.14	2.14	2.35	2.21	5.48	ppb
Silver	107-1	1.04	1.08	1.07	1.07	2.04	ppb
Silver	109-1	1.03	1.08	1.08	1.06	2.84	ppb
Sodium	23-2	503.20	496.92	499.03	499.71	0.64	ppb
Strontium	86-1	1.09	0.96	1.00	1.02	6.17	ppb
Strontium	88-1	1.02	0.98	1.03	1.01	2.75	ppb
Sulfur	34-1	21.66	-17.38	16.48	6.92	306.45	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.91	0.85	0.92	0.89	4.43	ppb
Thallium	205-1	0.87	0.87	0.88	0.88	0.72	ppb
Tin	118-1	5.29	5.23	5.22	5.24	0.70	ppb
Titanium	47-1	4.66	4.84	5.00	4.83	3.59	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:54:47	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.80	0.80	0.80	0.06	ppb
Vanadium	51-2	5.07	5.09	5.16	5.11	0.86	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	4.95	5.34	5.25	5.18	4.01	ppb
Zirconium	90-1	1.04	0.99	1.03	1.02	2.34	ppb
Zirconium	91-1	1.00	0.96	1.14	1.03	9.10	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:58:06	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1046.39	1037.18	1051.50	1045.02	0.69	ppb
Antimony	121-1	51.77	53.58	47.19	50.84	6.48	ppb
Arsenic	75-2	52.59	52.37	51.52	52.16	1.09	ppb
Barium	135-1	246.53	252.49	226.85	241.95	5.54	ppb
Barium	137-1	254.16	252.94	232.52	246.54	4.93	ppb
Beryllium	9-1	53.64	54.75	51.75	53.38	2.85	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	54.97	58.45	49.51	54.31	8.30	ppb
Cadmium	106-1	56.89	56.90	49.44	54.41	7.91	ppb
Cadmium	111-1	54.62	56.68	49.72	53.67	6.66	ppb
Calcium	43-1	5878.66	5756.94	5446.85	5694.15	3.91	ppb
Calcium	44-1	5383.92	5295.16	4936.87	5205.32	4.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.83	52.25	51.80	51.96	0.48	ppb
Cobalt	59-2	52.53	53.20	52.48	52.74	0.77	ppb
Copper	63-2	539.60	535.30	531.70	535.54	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				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	2672.34	2678.73	2671.49	2674.19	0.15	ppb
Iron	57-2	2826.34	2811.28	2818.56	2818.72	0.27	ppb
Iron	54-2	2890.43	2855.20	2860.54	2868.73	0.66	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:58:06	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	221.46	223.00	212.09	218.85	2.70	ppb
Lead	207-1	224.96	220.57	218.31	221.28	1.53	ppb
Lead	208-1	239.92	235.80	225.99	233.91	3.06	ppb
Lithium	6-1				103		%
Magnesium	24-2	4995.04	5048.59	5197.96	5080.53	2.07	ppb
Manganese	55-2	522.77	518.67	519.26	520.23	0.43	ppb
Molybdenum	94-1	525.93	514.99	484.77	508.56	4.19	ppb
Molybdenum	95-1	515.02	506.12	477.01	499.38	3.98	ppb
Molybdenum	96-1	518.72	518.91	483.45	507.03	4.03	ppb
Molybdenum	97-1	509.55	499.02	478.68	495.75	3.17	ppb
Molybdenum	98-1	516.36	494.58	480.96	497.30	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.23	53.11	54.45	53.60	1.38	ppb
Phosphorus	31-2	1037.89	1018.00	1044.69	1033.53	1.34	ppb
Potassium	39-2	2718.66	2714.79	2715.16	2716.20	0.08	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	52.16	51.12	49.72	51.00	2.40	ppb
Selenium	77-2	54.93	51.52	48.44	51.63	6.29	ppb
Selenium	78-2	50.70	52.64	55.59	52.97	4.65	ppb
Silicon	28-1	49.27	48.86	44.69	47.61	5.33	ppb
Silver	107-1	55.72	57.92	50.82	54.82	6.63	ppb
Silver	109-1	56.18	57.25	51.52	54.99	5.54	ppb
Sodium	23-2	5029.06	4935.59	4970.38	4978.34	0.95	ppb
Strontium	86-1	1312.63	1279.34	1208.56	1266.84	4.20	ppb
Strontium	88-1	1304.04	1284.89	1195.22	1261.38	4.61	ppb
Sulfur	34-1	1190.63	969.69	588.20	916.17	33.26	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	45.18	44.37	44.03	44.53	1.33	ppb
Thallium	205-1	44.33	45.72	42.01	44.02	4.27	ppb
Tin	118-1	53.02	53.24	48.81	51.69	4.82	ppb
Titanium	47-1	517.43	505.99	478.53	500.65	3.99	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:58:06	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	41.12	41.46	40.70	41.09	0.93	ppb
Vanadium	51-2	51.50	52.10	51.84	51.81	0.58	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	518.23	520.48	519.66	519.46	0.22	ppb
Zirconium	90-1	51.24	50.52	47.57	49.78	3.91	ppb
Zirconium	91-1	51.35	50.00	48.30	49.88	3.07	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:01:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2551.58	2556.88	2588.54	2565.67	0.78	ppb
Antimony	121-1	127.82	129.97	128.74	128.84	0.84	ppb
Arsenic	75-2	131.51	127.32	131.19	130.00	1.79	ppb
Barium	135-1	617.87	623.07	620.25	620.40	0.42	ppb
Barium	137-1	648.96	645.27	646.19	646.81	0.30	ppb
Beryllium	9-1	134.55	136.52	135.05	135.37	0.76	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	132.76	136.80	138.43	136.00	2.15	ppb
Cadmium	106-1	136.91	138.13	136.66	137.23	0.58	ppb
Cadmium	111-1	136.43	135.96	135.63	136.00	0.29	ppb
Calcium	43-1	14415.90	14598.97	14752.44	14589.10	1.15	ppb
Calcium	44-1	13209.33	13352.42	13140.91	13234.22	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.95	129.68	128.30	128.98	0.54	ppb
Cobalt	59-2	129.88	130.42	129.05	129.79	0.53	ppb
Copper	63-2	1316.02	1343.42	1320.19	1326.54	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				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	6535.54	6575.05	6625.63	6578.74	0.69	ppb
Iron	57-2	6931.88	7035.01	7035.57	7000.82	0.85	ppb
Iron	54-2	7119.75	7035.55	7082.34	7079.21	0.60	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:01:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	628.05	626.77	629.00	627.94	0.18	ppb
Lead	207-1	620.30	634.81	624.92	626.68	1.18	ppb
Lead	208-1	621.69	627.60	622.94	624.08	0.50	ppb
Lithium	6-1				100		%
Magnesium	24-2	12583.83	12450.21	12503.86	12512.63	0.54	ppb
Manganese	55-2	1257.78	1248.01	1269.68	1258.49	0.86	ppb
Molybdenum	94-1	1259.29	1277.00	1302.56	1279.62	1.70	ppb
Molybdenum	95-1	1260.86	1267.01	1289.51	1272.46	1.19	ppb
Molybdenum	96-1	1253.54	1267.87	1290.77	1270.73	1.48	ppb
Molybdenum	97-1	1256.82	1280.65	1275.11	1270.86	0.98	ppb
Molybdenum	98-1	1252.43	1286.15	1275.06	1271.21	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.78	132.55	133.45	132.26	1.03	ppb
Phosphorus	31-2	2520.64	2466.10	2612.51	2533.08	2.92	ppb
Potassium	39-2	6383.09	6265.38	6216.29	6288.25	1.36	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	131.95	131.68	131.81	131.81	0.10	ppb
Selenium	77-2	146.66	133.59	131.67	137.31	5.94	ppb
Selenium	78-2	142.76	135.88	123.24	133.96	7.39	ppb
Silicon	28-1	122.81	124.90	126.62	124.78	1.53	ppb
Silver	107-1	137.57	139.57	137.58	138.24	0.83	ppb
Silver	109-1	136.69	136.28	136.82	136.59	0.20	ppb
Sodium	23-2	12582.76	12368.03	12379.87	12443.55	0.97	ppb
Strontium	86-1	3161.23	3219.81	3237.19	3206.08	1.24	ppb
Strontium	88-1	3164.15	3184.26	3217.34	3188.58	0.84	ppb
Sulfur	34-1	2483.41	2478.39	2465.99	2475.93	0.36	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	113.97	114.53	112.78	113.76	0.79	ppb
Thallium	205-1	124.61	123.28	121.97	123.28	1.07	ppb
Tin	118-1	130.71	130.32	129.47	130.17	0.49	ppb
Titanium	47-1	1272.99	1288.26	1290.51	1283.92	0.74	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:01:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	122.04	120.71	120.04	120.93	0.84	ppb
Vanadium	51-2	127.93	127.71	128.23	127.96	0.21	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	1296.89	1304.72	1287.22	1296.28	0.68	ppb
Zirconium	90-1	126.28	128.13	129.15	127.85	1.14	ppb
Zirconium	91-1	126.17	126.95	128.87	127.33	1.09	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:04:12	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5146.48	5151.23	5065.00	5120.90	0.95	ppb
Antimony	121-1	256.91	259.77	257.61	258.10	0.58	ppb
Arsenic	75-2	255.92	251.96	255.59	254.49	0.86	ppb
Barium	135-1	1296.92	1294.25	1284.47	1291.88	0.51	ppb
Barium	137-1	1289.81	1282.44	1271.40	1281.21	0.72	ppb
Beryllium	9-1	260.09	255.79	262.19	259.36	1.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	265.23	267.69	258.29	263.74	1.85	ppb
Cadmium	106-1	265.76	264.22	259.45	263.14	1.25	ppb
Cadmium	111-1	264.59	263.52	262.51	263.54	0.39	ppb
Calcium	43-1	28802.04	28809.74	28817.94	28809.91	0.03	ppb
Calcium	44-1	25924.56	26008.12	26210.80	26047.83	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257.65	258.36	254.48	256.83	0.81	ppb
Cobalt	59-2	259.23	259.34	256.56	258.38	0.61	ppb
Copper	63-2	2596.52	2592.66	2553.70	2580.96	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				98		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	13228.62	13261.94	13105.18	13198.58	0.63	ppb
Iron	57-2	13902.73	14045.56	13792.96	13913.75	0.91	ppb
Iron	54-2	13528.41	13337.50	13272.52	13379.47	0.99	ppb
Krypton	83-1						cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:04:12	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1235.93	1247.36	1233.11	1238.80	0.61	ppb
Lead	207-1	1246.10	1238.25	1241.33	1241.89	0.32	ppb
Lead	208-1	1242.92	1240.14	1230.83	1237.96	0.51	ppb
Lithium	6-1				100		%
Magnesium	24-2	24867.20	25145.20	24783.19	24931.86	0.76	ppb
Manganese	55-2	2528.21	2524.64	2467.91	2506.92	1.35	ppb
Molybdenum	94-1	2515.54	2516.57	2532.06	2521.39	0.37	ppb
Molybdenum	95-1	2504.10	2532.20	2542.48	2526.26	0.79	ppb
Molybdenum	96-1	2504.01	2505.46	2541.11	2516.86	0.83	ppb
Molybdenum	97-1	2473.33	2482.86	2514.26	2490.15	0.86	ppb
Molybdenum	98-1	2530.83	2518.49	2525.86	2525.06	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.84	260.72	256.98	258.85	0.72	ppb
Phosphorus	31-2	5191.59	5126.47	5122.73	5146.93	0.75	ppb
Potassium	39-2	12483.49	12686.88	12291.56	12487.31	1.58	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	256.80	255.01	257.74	256.52	0.54	ppb
Selenium	77-2	262.81	252.51	260.97	258.76	2.12	ppb
Selenium	78-2	260.27	269.38	262.39	264.01	1.81	ppb
Silicon	28-1	240.37	240.76	241.87	241.00	0.32	ppb
Silver	107-1	270.47	267.70	269.95	269.37	0.55	ppb
Silver	109-1	271.24	269.86	266.77	269.29	0.85	ppb
Sodium	23-2	25005.02	25410.48	24545.75	24987.08	1.73	ppb
Strontium	86-1	6368.90	6285.21	6360.47	6338.19	0.73	ppb
Strontium	88-1	6343.99	6323.75	6367.95	6345.23	0.35	ppb
Sulfur	34-1	4903.88	4961.82	4926.64	4930.78	0.59	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	227.49	229.43	225.42	227.45	0.88	ppb
Thallium	205-1	249.57	251.19	246.03	248.93	1.06	ppb
Tin	118-1	254.21	253.73	255.80	254.58	0.42	ppb
Titanium	47-1	2479.07	2529.78	2513.93	2507.59	1.03	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:04:12	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	245.45	242.89	243.60	243.98	0.54	ppb
Vanadium	51-2	256.60	256.31	252.05	254.98	1.00	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	2584.36	2601.05	2557.54	2580.98	0.85	ppb
Zirconium	90-1	253.51	253.95	254.82	254.09	0.26	ppb
Zirconium	91-1	252.19	252.50	253.12	252.60	0.19	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:07:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10202.73	10178.66	10036.28	10139.23	0.89	ppb
Antimony	121-1	519.39	513.93	514.77	516.03	0.57	ppb
Arsenic	75-2	503.24	509.23	509.84	507.44	0.72	ppb
Barium	135-1	2540.95	2527.98	2564.87	2544.60	0.74	ppb
Barium	137-1	2543.72	2542.80	2546.56	2544.36	0.08	ppb
Beryllium	9-1	507.09	503.43	507.64	506.05	0.45	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	517.62	519.12	518.08	518.27	0.15	ppb
Cadmium	106-1	514.36	513.93	508.45	512.24	0.64	ppb
Cadmium	111-1	516.84	517.47	515.30	516.54	0.22	ppb
Calcium	43-1	57271.20	57414.49	57955.33	57547.01	0.63	ppb
Calcium	44-1	51931.64	52438.70	52071.01	52147.12	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.87	511.46	513.79	512.37	0.24	ppb
Cobalt	59-2	508.77	502.25	508.38	506.47	0.72	ppb
Copper	63-2	5127.45	5101.42	5191.72	5140.20	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				97		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	26430.39	26472.15	26311.62	26404.72	0.32	ppb
Iron	57-2	27834.17	27623.89	27964.21	27807.42	0.62	ppb
Iron	54-2	27100.45	26677.13	26817.22	26864.94	0.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:07:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2519.34	2532.32	2483.80	2511.82	1.00	ppb
Lead	207-1	2502.50	2483.56	2475.31	2487.12	0.56	ppb
Lead	208-1	2498.15	2510.32	2480.37	2496.28	0.60	ppb
Lithium	6-1				97		%
Magnesium	24-2	50031.12	49734.62	50108.49	49958.08	0.40	ppb
Manganese	55-2	5035.75	5061.57	5030.88	5042.73	0.33	ppb
Molybdenum	94-1	5099.29	4988.33	5059.58	5049.07	1.11	ppb
Molybdenum	95-1	5089.64	4980.34	5030.98	5033.65	1.09	ppb
Molybdenum	96-1	5097.59	5020.42	5088.14	5068.72	0.83	ppb
Molybdenum	97-1	5095.83	5055.02	5108.51	5086.45	0.55	ppb
Molybdenum	98-1	5074.66	5034.92	5068.54	5059.37	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.03	512.57	515.60	514.40	0.31	ppb
Phosphorus	31-2	10130.64	10102.43	10256.44	10163.17	0.81	ppb
Potassium	39-2	24945.54	24937.35	25067.65	24983.52	0.29	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	510.22	507.70	512.22	510.05	0.44	ppb
Selenium	77-2	508.07	500.60	522.68	510.45	2.20	ppb
Selenium	78-2	494.75	508.87	506.05	503.22	1.48	ppb
Silicon	28-1	467.92	468.55	469.59	468.69	0.18	ppb
Silver	107-1	522.36	521.45	525.51	523.11	0.41	ppb
Silver	109-1	519.01	522.36	514.66	518.68	0.74	ppb
Sodium	23-2	50206.35	49585.94	50379.02	50057.10	0.83	ppb
Strontium	86-1	12781.11	12486.61	12632.18	12633.30	1.17	ppb
Strontium	88-1	12836.44	12661.38	12626.01	12707.94	0.89	ppb
Sulfur	34-1	10068.30	10012.78	9935.14	10005.41	0.67	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	511.53	507.35	498.88	505.92	1.27	ppb
Thallium	205-1	501.84	501.18	495.24	499.42	0.73	ppb
Tin	118-1	521.10	513.99	510.97	515.35	1.01	ppb
Titanium	47-1	5046.52	5065.81	5038.60	5050.31	0.28	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:07:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	499.93	499.06	492.64	497.21	0.80	ppb
Vanadium	51-2	510.78	509.69	516.76	512.41	0.74	ppb
Yttrium	89-1				91		%
Yttrium	89-2				88		%
Zinc	66-2	5120.87	5078.51	5085.84	5095.07	0.44	ppb
Zirconium	90-1	505.18	496.32	504.70	502.06	0.99	ppb
Zirconium	91-1	507.37	503.42	505.28	505.36	0.39	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:09:52	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19817.11	19916.88	19682.35	19805.45	0.59	ppb
Antimony	121-1	976.03	1003.50	988.79	989.44	1.39	ppb
Arsenic	75-2	990.12	995.80	997.35	994.42	0.38	ppb
Barium	135-1	4960.51	5007.08	4937.03	4968.21	0.72	ppb
Barium	137-1	4964.21	5011.50	4926.68	4967.46	0.86	ppb
Beryllium	9-1	966.54	1005.46	1007.51	993.17	2.32	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	968.16	1000.85	988.50	985.84	1.67	ppb
Cadmium	106-1	982.75	1000.37	983.40	988.84	1.01	ppb
Cadmium	111-1	978.09	993.58	988.69	986.79	0.80	ppb
Calcium	43-1	107253.17	108446.05	110732.78	108810.67	1.63	ppb
Calcium	44-1	102178.18	104726.38	104517.25	103807.27	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	979.49	1002.16	992.88	991.51	1.15	ppb
Cobalt	59-2	993.41	999.72	988.68	993.94	0.56	ppb
Copper	63-2	9815.40	9981.18	9898.36	9898.32	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				98		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	51589.97	52325.32	51931.38	51948.89	0.71	ppb
Iron	57-2	52021.14	52899.18	52603.32	52507.88	0.85	ppb
Iron	54-2	52361.08	53334.84	52500.85	52732.26	1.00	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:09:52	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5014.10	4970.93	5009.21	4998.08	0.47	ppb
Lead	207-1	4987.91	5029.56	5011.61	5009.69	0.42	ppb
Lead	208-1	5020.18	4989.72	5007.47	5005.79	0.31	ppb
Lithium	6-1				95		%
Magnesium	24-2	97834.30	99188.37	97814.75	98279.14	0.80	ppb
Manganese	55-2	9923.17	10008.98	9992.34	9974.83	0.46	ppb
Molybdenum	94-1	9881.18	10030.10	9986.69	9965.99	0.77	ppb
Molybdenum	95-1	9864.57	10016.09	10040.83	9973.83	0.96	ppb
Molybdenum	96-1	9894.16	9931.12	10050.17	9958.48	0.82	ppb
Molybdenum	97-1	9917.25	9969.66	9983.61	9956.84	0.35	ppb
Molybdenum	98-1	9916.76	9946.62	10021.22	9961.53	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	981.99	998.17	988.34	989.50	0.82	ppb
Phosphorus	31-2	19809.64	19984.52	19833.46	19875.87	0.48	ppb
Potassium	39-2	48791.26	49672.37	49275.67	49246.43	0.90	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	82-1	987.01	988.56	1001.77	992.45	0.82	ppb
Selenium	77-2	981.97	980.51	1010.42	990.97	1.70	ppb
Selenium	78-2	993.96	1001.21	985.67	993.61	0.78	ppb
Silicon	28-1	1009.65	1026.50	1018.24	1018.13	0.83	ppb
Silver	107-1	973.96	989.22	981.94	981.71	0.78	ppb
Silver	109-1	978.36	1006.44	967.61	984.14	2.04	ppb
Sodium	23-2	99629.90	99513.23	99424.96	99522.70	0.10	ppb
Strontium	86-1	24732.30	24791.60	25177.08	24900.32	0.97	ppb
Strontium	88-1	24675.26	24829.93	25085.93	24863.70	0.83	ppb
Sulfur	34-1	19772.60	20195.36	20097.44	20021.80	1.11	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	995.76	1003.53	1013.78	1004.36	0.90	ppb
Thallium	205-1	1000.72	995.60	1006.89	1001.07	0.56	ppb
Tin	118-1	987.50	1002.03	981.81	990.45	1.05	ppb
Titanium	47-1	9798.67	10069.88	10037.48	9968.68	1.49	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:09:52	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	993.76	1001.05	1016.76	1003.86	1.17	ppb
Vanadium	51-2	977.21	1014.44	984.60	992.09	1.99	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%
Zinc	66-2	9916.27	9957.69	9902.43	9925.46	0.29	ppb
Zirconium	90-1	993.58	1000.97	998.25	997.60	0.37	ppb
Zirconium	91-1	987.27	997.88	1004.01	996.39	0.85	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:12:38	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102249.31	97157.25	100643.99	100016.85	2.60	ppb
Antimony	121-1	0.85	0.86	0.90	0.87	3.28	ppb
Arsenic	75-2	0.80	0.62	0.68	0.70	12.80	ppb
Barium	135-1	1.94	1.92	2.01	1.96	2.46	ppb
Barium	137-1	2.05	2.06	2.00	2.04	1.70	ppb
Beryllium	9-1	0.27	0.19	0.17	0.21	26.65	ppb
Bismuth	209-1				83		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.65	0.50	0.32	0.49	33.60	ppb
Cadmium	106-1	-1.31	0.25	0.36	-0.23		ppb
Cadmium	111-1	0.03	0.17	0.17	0.12	62.86	ppb
Calcium	43-1	495379.78	495372.91	500947.73	497233.47	0.65	ppb
Calcium	44-1	494216.78	500297.46	502338.80	498951.01	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.64	3.50	3.73	3.63	3.21	ppb
Cobalt	59-2	2.77	2.56	2.53	2.62	4.85	ppb
Copper	63-2	2.07	1.99	2.00	2.02	2.19	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				91		%
Holmium	165-2				92		%
Indium	115-1				81		%
Indium	115-2				82		%
Iron	56-2	255671.21	242873.41	249729.95	249424.86	2.57	ppb
Iron	57-2	256833.62	243204.34	247337.14	249125.04	2.81	ppb
Iron	54-2	255969.71	242756.69	248869.59	249198.66	2.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:12:38	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.40	1.46	1.36	1.41	3.38	ppb
Lead	207-1	1.43	1.34	1.33	1.37	3.97	ppb
Lead	208-1	1.43	1.39	1.33	1.39	3.72	ppb
Lithium	6-1				88		%
Magnesium	24-2	513746.58	485763.13	501542.13	500350.62	2.80	ppb
Manganese	55-2	4.91	4.61	4.67	4.73	3.34	ppb
Molybdenum	94-1	3.19	3.02	3.12	3.11	2.71	ppb
Molybdenum	95-1	2.26	2.17	2.22	2.22	1.89	ppb
Molybdenum	96-1	3.93	3.91	3.95	3.93	0.49	ppb
Molybdenum	97-1	2.15	2.04	2.22	2.14	4.39	ppb
Molybdenum	98-1	2.13	2.09	2.11	2.11	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.25	4.76	5.11	5.04	4.99	ppb
Phosphorus	31-2	-7.14	-7.03	-7.76	-7.31		ppb
Potassium	39-2	256506.55	244269.23	249673.68	250149.82	2.45	ppb
Rhodium	103-1				74		%
Rhodium	103-2				76		%
Scandium	45-1				82		%
Scandium	45-2				84		%
Selenium	82-1	0.67	1.58	1.28	1.18	39.21	ppb
Selenium	77-2	0.00	0.44	0.45	0.29	86.62	ppb
Selenium	78-2	0.22	-1.55	0.51	-0.27		ppb
Silicon	28-1	6.94	7.41	7.35	7.23	3.56	ppb
Silver	107-1	0.20	0.18	0.17	0.18	8.94	ppb
Silver	109-1	0.20	0.20	0.17	0.19	11.03	ppb
Sodium	23-2	510334.06	491086.12	498855.89	500092.02	1.94	ppb
Strontium	86-1	4.11	4.12	4.09	4.11	0.42	ppb
Strontium	88-1	4.30	4.12	4.11	4.18	2.49	ppb
Sulfur	34-1	-267.02	-241.72	-311.18	-273.31		ppb
Terbium	159-1				90		%
Terbium	159-2				90		%
Thallium	203-1	0.16	0.14	0.14	0.15	7.72	ppb
Thallium	205-1	0.16	0.14	0.13	0.14	13.15	ppb
Tin	118-1	1.23	1.31	1.32	1.29	3.56	ppb
Titanium	47-1	2.26	2.23	2.13	2.20	3.16	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:12:38	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	6.10	ppb
Vanadium	51-2	0.24	0.25	0.22	0.24	5.59	ppb
Yttrium	89-1				84		%
Yttrium	89-2				84		%
Zinc	66-2	5.65	5.18	5.48	5.44	4.39	ppb
Zirconium	90-1	0.68	0.67	0.66	0.67	1.31	ppb
Zirconium	91-1	0.69	0.65	0.66	0.67	3.50	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICV010	Instrumnet Name :	P7
Client Sample ID :	ICV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:18:50	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	502.62	486.83	489.23	492.89	1.73	ppb
Antimony	121-1	199.28	203.37	203.23	201.96	1.15	ppb
Arsenic	75-2	199.77	203.72	201.62	201.70	0.98	ppb
Barium	135-1	94.62	96.74	97.69	96.35	1.63	ppb
Barium	137-1	94.84	96.91	97.75	96.50	1.55	ppb
Beryllium	9-1	103.69	103.50	104.03	103.74	0.26	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	92.00	95.62	96.99	94.87	2.72	ppb
Cadmium	106-1	83.01	89.81	90.91	87.91	4.87	ppb
Cadmium	111-1	104.47	106.83	107.63	106.31	1.55	ppb
Calcium	43-1	2003.56	2012.12	2058.73	2024.80	1.47	ppb
Calcium	44-1	2023.51	2036.02	2043.02	2034.18	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.91	102.23	103.57	103.24	0.86	ppb
Cobalt	59-2	104.13	102.88	103.83	103.62	0.63	ppb
Copper	63-2	99.59	97.25	98.88	98.57	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				97		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	2059.13	2067.11	2048.65	2058.30	0.45	ppb
Iron	57-2	2162.18	2148.29	2169.59	2160.02	0.50	ppb
Iron	54-2	2274.32	2222.61	2257.75	2251.56	1.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICV010	Instrumnet Name :	P7
Client Sample ID :	ICV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:18:50	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	193.39	195.45	198.84	195.89	1.41	ppb
Lead	207-1	184.31	187.89	192.30	188.16	2.13	ppb
Lead	208-1	200.78	202.35	204.58	202.57	0.94	ppb
Lithium	6-1				100		%
Magnesium	24-2	1239.78	1219.55	1225.52	1228.28	0.85	ppb
Manganese	55-2	101.86	100.25	102.06	101.39	0.98	ppb
Molybdenum	94-1	0.63	0.53	0.58	0.58	8.85	ppb
Molybdenum	95-1	0.39	0.40	0.40	0.40	2.22	ppb
Molybdenum	96-1	0.49	0.44	0.40	0.44	10.20	ppb
Molybdenum	97-1	0.33	0.37	0.37	0.36	6.83	ppb
Molybdenum	98-1	0.41	0.37	0.41	0.40	5.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.26	113.62	114.61	114.50	0.72	ppb
Phosphorus	31-2	-14.67	-18.47	-14.09	-15.74		ppb
Potassium	39-2	2048.22	2020.55	2029.93	2032.90	0.69	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	210.29	214.52	215.46	213.42	1.29	ppb
Selenium	77-2	192.77	209.41	193.05	198.41	4.80	ppb
Selenium	78-2	212.35	205.39	205.37	207.70	1.94	ppb
Silicon	28-1	-0.82	-0.49	-0.64	-0.65		ppb
Silver	107-1	51.01	52.32	52.98	52.10	1.93	ppb
Silver	109-1	50.75	52.18	52.16	51.70	1.59	ppb
Sodium	23-2	2044.39	2015.76	2028.58	2029.58	0.71	ppb
Strontium	86-1	0.41	0.32	0.42	0.38	14.34	ppb
Strontium	88-1	0.35	0.34	0.35	0.35	2.23	ppb
Sulfur	34-1	-273.12	-139.62	-201.15	-204.63		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	199.05	201.04	205.25	201.78	1.57	ppb
Thallium	205-1	212.88	217.96	220.88	217.24	1.87	ppb
Tin	118-1	0.27	0.33	0.37	0.33	16.74	ppb
Titanium	47-1	0.16	0.17	0.14	0.15	10.05	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICV010	Instrumnet Name :	P7
Client Sample ID :	ICV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:18:50	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	5.05	ppb
Vanadium	51-2	98.41	98.45	99.21	98.69	0.45	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	202.30	199.43	202.08	201.27	0.79	ppb
Zirconium	90-1	0.14	0.14	0.13	0.14	1.55	ppb
Zirconium	91-1	0.19	0.18	0.19	0.19	1.23	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICB010	Instrumnet Name :	P7
Client Sample ID :	ICB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:22:25	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	0.11	0.28	0.19	44.82	ppb
Antimony	121-1	0.11	0.12	0.14	0.12	13.39	ppb
Arsenic	75-2	0.00	0.05	0.04	0.03	90.43	ppb
Barium	135-1	-0.02	-0.01	0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.07	0.05	0.05	0.06	23.94	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	0.00	0.00	50.35	ppb
Cadmium	106-1	-0.50	-0.67	0.17	-0.33		ppb
Cadmium	111-1	-0.03	-0.04	0.02	-0.02		ppb
Calcium	43-1	-2.77	1.43	-1.46	-0.93		ppb
Calcium	44-1	0.63	1.82	1.30	1.25	48.10	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	0.01	70.21	ppb
Cobalt	59-2	-0.01	0.01	0.01	0.00	222.43	ppb
Copper	63-2	0.01	0.05	0.03	0.03	58.86	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				99		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	1.11	0.88	0.95	0.98	11.95	ppb
Iron	57-2	-0.72	-0.07	-0.20	-0.33		ppb
Iron	54-2	2.13	1.90	1.07	1.70	33.05	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICB010	Instrumnet Name :	P7
Client Sample ID :	ICB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:22:25	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.04	0.05	0.06	37.55	ppb
Lead	207-1	0.05	0.07	0.06	0.06	9.91	ppb
Lead	208-1	0.06	0.06	0.06	0.06	6.29	ppb
Lithium	6-1				101		%
Magnesium	24-2	3.28	3.29	3.84	3.47	9.21	ppb
Manganese	55-2	0.00	-0.01	0.04	0.01	228.09	ppb
Molybdenum	94-1	0.10	0.05	0.09	0.08	37.33	ppb
Molybdenum	95-1	0.03	0.01	0.02	0.02	40.59	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	18.20	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	27.22	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	23.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.06	-0.01	-0.04		ppb
Phosphorus	31-2	-18.54	-16.97	-16.00	-17.17		ppb
Potassium	39-2	0.10	0.54	0.61	0.42	65.61	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	-0.31	0.30	-0.35	-0.12		ppb
Selenium	77-2	0.00	0.41	0.00	0.14	173.21	ppb
Selenium	78-2	0.38	0.66	0.44	0.49	29.92	ppb
Silicon	28-1	-1.10	-1.17	-1.13	-1.13		ppb
Silver	107-1	0.03	0.02	0.03	0.03	15.49	ppb
Silver	109-1	0.04	0.03	0.03	0.03	18.35	ppb
Sodium	23-2	20.80	20.29	20.36	20.48	1.35	ppb
Strontium	86-1	0.05	0.04	0.05	0.05	11.25	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	7.05	ppb
Sulfur	34-1	-149.08	-176.95	-134.52	-153.52		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.03	0.03	0.03	22.76	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	26.42	ppb
Tin	118-1	-0.02	-0.04	-0.03	-0.03		ppb
Titanium	47-1	-0.03	-0.01	0.01	-0.01		ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICB010	Instrumnet Name :	P7
Client Sample ID :	ICB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:22:25	DataFile Name :	013CCBE.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	230.26	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	0.14	0.20	0.18	0.17	17.52	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	25.06	ppb
Zirconium	91-1	0.02	0.01	0.04	0.02	58.72	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICSA010	Instrumnet Name :	P7
Client Sample ID :	ICSA010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:25:43	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87459.05	88856.19	88001.77	88105.67	0.80	ppb
Antimony	121-1	1.13	1.13	1.19	1.15	3.08	ppb
Arsenic	75-2	0.32	0.32	0.42	0.35	16.15	ppb
Barium	135-1	1.26	1.29	1.27	1.27	1.02	ppb
Barium	137-1	1.35	1.30	1.32	1.32	1.72	ppb
Beryllium	9-1	0.33	0.32	0.31	0.32	2.93	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.52	7.14	7.03	7.23	3.59	ppb
Cadmium	106-1	-0.58	-2.29	-1.37	-1.41		ppb
Cadmium	111-1	0.26	0.15	0.29	0.23	30.17	ppb
Calcium	43-1	91830.91	95854.87	96252.52	94646.10	2.58	ppb
Calcium	44-1	92509.61	93785.06	94584.52	93626.40	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.32	19.68	19.40	19.47	0.98	ppb
Cobalt	59-2	1.17	1.18	1.26	1.20	3.66	ppb
Copper	63-2	7.55	7.46	7.52	7.51	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				98		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	99166.38	98213.95	99317.71	98899.35	0.61	ppb
Iron	57-2	100066.58	98579.29	99841.08	99495.65	0.81	ppb
Iron	54-2	99374.47	99446.23	99734.18	99518.29	0.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICSA010	Instrumnet Name :	P7
Client Sample ID :	ICSA010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:25:43	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.74	4.61	4.67	4.67	1.37	ppb
Lead	207-1	4.25	4.08	4.12	4.15	2.08	ppb
Lead	208-1	4.45	4.37	4.37	4.40	1.01	ppb
Lithium	6-1				96		%
Magnesium	24-2	93925.02	94341.18	93435.28	93900.49	0.48	ppb
Manganese	55-2	7.88	7.79	7.81	7.83	0.66	ppb
Molybdenum	94-1	1460.51	1503.83	1482.12	1482.15	1.46	ppb
Molybdenum	95-1	1777.82	1797.38	1783.18	1786.13	0.57	ppb
Molybdenum	96-1	1751.93	1759.64	1765.28	1758.95	0.38	ppb
Molybdenum	97-1	1786.71	1776.50	1799.85	1787.69	0.65	ppb
Molybdenum	98-1	1786.87	1795.14	1820.94	1800.98	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.14	5.21	5.47	5.27	3.28	ppb
Phosphorus	31-2	96428.85	96901.72	96053.13	96461.23	0.44	ppb
Potassium	39-2	94088.56	94210.17	92881.47	93726.73	0.78	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	-0.61	-0.07	0.09	-0.20		ppb
Selenium	77-2	0.00	0.00	2.11	0.70	173.21	ppb
Selenium	78-2	-0.45	0.99	-0.40	0.05	1730.14	ppb
Silicon	28-1	5.97	6.51	6.51	6.33	4.90	ppb
Silver	107-1	0.10	0.08	0.07	0.09	13.89	ppb
Silver	109-1	0.11	0.07	0.07	0.08	25.84	ppb
Sodium	23-2	94070.41	95063.74	94089.98	94408.04	0.60	ppb
Strontium	86-1	32.74	33.09	33.77	33.20	1.58	ppb
Strontium	88-1	32.88	33.09	33.47	33.15	0.90	ppb
Sulfur	34-1	97717.58	97223.29	98403.36	97781.41	0.61	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.27	0.36	0.48	0.37	28.05	ppb
Thallium	205-1	0.26	0.38	0.44	0.36	25.11	ppb
Tin	118-1	0.12	0.18	0.28	0.19	42.68	ppb
Titanium	47-1	1828.80	1855.08	1878.81	1854.23	1.35	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICSA010	Instrumnet Name :	P7
Client Sample ID :	ICSA010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:25:43	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	11.21	ppb
Vanadium	51-2	0.18	0.19	0.19	0.19	2.81	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	10.90	10.97	10.34	10.73	3.24	ppb
Zirconium	90-1	0.07	0.09	0.08	0.08	8.86	ppb
Zirconium	91-1	0.07	0.08	0.10	0.09	14.67	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICSAB010	Instrumnet Name :	P7
Client Sample ID :	ICSAB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:28:48	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88857.93	88296.05	88454.36	88536.11	0.33	ppb
Antimony	121-1	20.33	19.97	20.54	20.28	1.42	ppb
Arsenic	75-2	20.57	20.45	20.00	20.34	1.46	ppb
Barium	135-1	19.50	19.65	19.91	19.69	1.03	ppb
Barium	137-1	19.68	19.62	20.07	19.79	1.25	ppb
Beryllium	9-1	20.82	20.26	20.43	20.50	1.41	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	22.89	23.78	25.14	23.94	4.74	ppb
Cadmium	106-1	13.42	13.98	13.91	13.77	2.23	ppb
Cadmium	111-1	19.29	19.00	19.50	19.27	1.32	ppb
Calcium	43-1	95676.10	93592.98	93865.92	94378.33	1.20	ppb
Calcium	44-1	94485.75	93063.50	94546.33	94031.86	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.52	39.25	38.90	39.22	0.79	ppb
Cobalt	59-2	20.86	20.51	20.73	20.70	0.85	ppb
Copper	63-2	25.94	26.67	26.09	26.23	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				101		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	100071.72	100069.54	99025.25	99722.17	0.61	ppb
Iron	57-2	98635.24	98804.33	99323.44	98921.00	0.36	ppb
Iron	54-2	99943.91	99817.36	98513.83	99425.04	0.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICSAB010	Instrumnet Name :	P7
Client Sample ID :	ICSAB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:28:48	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.73	23.56	24.10	23.80	1.18	ppb
Lead	207-1	22.71	22.39	23.06	22.72	1.46	ppb
Lead	208-1	23.16	22.84	23.34	23.11	1.11	ppb
Lithium	6-1				96		%
Magnesium	24-2	94207.20	94366.52	94380.29	94318.00	0.10	ppb
Manganese	55-2	27.38	27.60	27.41	27.47	0.44	ppb
Molybdenum	94-1	1484.35	1475.64	1516.15	1492.05	1.43	ppb
Molybdenum	95-1	1808.74	1796.97	1800.06	1801.92	0.34	ppb
Molybdenum	96-1	1806.33	1749.52	1771.96	1775.94	1.61	ppb
Molybdenum	97-1	1838.20	1761.06	1783.17	1794.14	2.21	ppb
Molybdenum	98-1	1839.80	1782.60	1810.83	1811.08	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.31	24.77	24.95	25.01	1.09	ppb
Phosphorus	31-2	96969.78	96241.34	96399.76	96536.96	0.40	ppb
Potassium	39-2	93693.51	94240.33	93738.91	93890.92	0.32	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	21.53	19.28	21.06	20.62	5.78	ppb
Selenium	77-2	22.49	26.46	17.91	22.29	19.18	ppb
Selenium	78-2	17.37	17.49	20.79	18.55	10.46	ppb
Silicon	28-1	6.51	6.35	6.86	6.57	3.94	ppb
Silver	107-1	18.42	18.28	18.87	18.52	1.66	ppb
Silver	109-1	18.16	18.21	18.58	18.32	1.26	ppb
Sodium	23-2	95008.92	95100.59	95525.05	95211.52	0.29	ppb
Strontium	86-1	33.69	33.27	33.64	33.53	0.69	ppb
Strontium	88-1	33.47	33.17	33.43	33.36	0.49	ppb
Sulfur	34-1	97016.83	96754.96	96641.68	96804.49	0.20	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	20.55	20.28	20.67	20.50	0.98	ppb
Thallium	205-1	20.21	19.90	20.43	20.18	1.32	ppb
Tin	118-1	0.15	0.10	0.40	0.21	74.42	ppb
Titanium	47-1	1866.06	1841.01	1841.88	1849.65	0.77	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICSAB010	Instrumnet Name :	P7
Client Sample ID :	ICSAB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:28:48	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	15.88	ppb
Vanadium	51-2	19.44	19.87	19.58	19.63	1.11	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	30.67	30.53	30.40	30.54	0.44	ppb
Zirconium	90-1	0.04	0.05	0.04	0.05	16.67	ppb
Zirconium	91-1	0.08	0.05	0.06	0.06	23.67	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:31:51	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50487.86	50399.18	50731.27	50539.44	0.34	ppb
Antimony	121-1	504.11	508.00	516.71	509.61	1.27	ppb
Arsenic	75-2	502.36	511.15	506.47	506.66	0.87	ppb
Barium	135-1	2594.40	2591.45	2581.45	2589.10	0.26	ppb
Barium	137-1	2569.86	2577.83	2596.11	2581.27	0.52	ppb
Beryllium	9-1	524.97	536.55	532.12	531.21	1.10	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	495.35	504.07	507.67	502.36	1.26	ppb
Cadmium	106-1	500.17	506.22	502.23	502.87	0.61	ppb
Cadmium	111-1	495.04	501.55	501.48	499.36	0.75	ppb
Calcium	43-1	258048.47	259304.87	260349.83	259234.39	0.44	ppb
Calcium	44-1	254838.42	256790.62	259404.69	257011.24	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.09	513.45	521.37	515.64	0.97	ppb
Cobalt	59-2	505.55	509.67	511.81	509.01	0.63	ppb
Copper	63-2	5010.88	5046.47	4994.58	5017.31	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				98		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				85		%
Iron	56-2	130481.73	131300.40	131173.60	130985.24	0.34	ppb
Iron	57-2	129837.48	130420.12	131119.67	130459.09	0.49	ppb
Iron	54-2	130922.80	132089.10	131145.41	131385.77	0.47	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:31:51	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2625.49	2606.21	2648.00	2626.57	0.80	ppb
Lead	207-1	2619.31	2595.39	2661.25	2625.32	1.27	ppb
Lead	208-1	2619.57	2608.62	2651.80	2626.66	0.85	ppb
Lithium	6-1				93		%
Magnesium	24-2	251443.93	251424.67	254725.53	252531.38	0.75	ppb
Manganese	55-2	5134.58	5150.60	5147.28	5144.15	0.16	ppb
Molybdenum	94-1	5218.34	5256.62	5217.42	5230.80	0.43	ppb
Molybdenum	95-1	5197.88	5246.68	5176.11	5206.89	0.69	ppb
Molybdenum	96-1	5197.84	5256.53	5220.32	5224.90	0.57	ppb
Molybdenum	97-1	5152.13	5272.12	5204.77	5209.68	1.15	ppb
Molybdenum	98-1	5160.92	5263.89	5212.74	5212.51	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.37	504.58	509.04	505.33	0.67	ppb
Phosphorus	31-2	10131.75	10193.74	10221.53	10182.34	0.45	ppb
Potassium	39-2	126190.77	126293.90	127927.95	126804.21	0.77	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	495.27	507.74	502.62	501.88	1.25	ppb
Selenium	77-2	487.55	466.50	489.26	481.10	2.63	ppb
Selenium	78-2	514.62	502.62	495.98	504.41	1.87	ppb
Silicon	28-1	568.40	554.65	581.41	568.15	2.35	ppb
Silver	107-1	501.93	507.91	504.36	504.73	0.60	ppb
Silver	109-1	499.27	499.22	504.83	501.11	0.64	ppb
Sodium	23-2	255116.98	254781.90	258815.08	256237.99	0.87	ppb
Strontium	86-1	12911.60	13043.07	13024.30	12992.99	0.55	ppb
Strontium	88-1	12971.80	13175.66	12975.86	13041.11	0.89	ppb
Sulfur	34-1	9807.95	9932.12	10356.57	10032.21	2.87	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	529.77	534.00	549.16	537.64	1.90	ppb
Thallium	205-1	525.62	513.32	530.63	523.19	1.70	ppb
Tin	118-1	507.12	525.90	519.59	517.54	1.85	ppb
Titanium	47-1	5194.26	5179.68	5270.79	5214.91	0.94	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:31:51	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	528.16	542.48	540.72	537.12	1.45	ppb
Vanadium	51-2	520.07	518.94	523.95	520.99	0.51	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	4923.72	4923.68	4917.25	4921.55	0.08	ppb
Zirconium	90-1	516.22	521.59	525.40	521.07	0.88	ppb
Zirconium	91-1	521.64	528.83	523.47	524.65	0.71	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:34:39	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.92	3.11	3.13	3.05	3.79	ppb
Antimony	121-1	0.39	0.39	0.43	0.40	5.86	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00		ppb
Barium	135-1	0.08	0.08	0.05	0.07	21.66	ppb
Barium	137-1	0.10	0.06	0.06	0.07	27.66	ppb
Beryllium	9-1	0.14	0.11	0.11	0.12	11.63	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.08	0.06	0.07	23.02	ppb
Cadmium	106-1	-0.22	-0.89	-1.22	-0.78		ppb
Cadmium	111-1	0.02	-0.03	-0.07	-0.03		ppb
Calcium	43-1	10.02	4.99	3.75	6.25	53.13	ppb
Calcium	44-1	11.76	8.57	9.14	9.82	17.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.06	0.02	0.04	45.68	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	11.11	ppb
Copper	63-2	0.24	0.31	0.29	0.28	13.74	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				100		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	5.48	5.78	6.32	5.86	7.25	ppb
Iron	57-2	2.45	4.63	3.58	3.55	30.64	ppb
Iron	54-2	6.39	6.72	6.55	6.55	2.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:34:39	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.21	0.17	0.17	0.18	10.85	ppb
Lead	207-1	0.21	0.17	0.16	0.18	13.46	ppb
Lead	208-1	0.21	0.17	0.17	0.18	13.08	ppb
Lithium	6-1				98		%
Magnesium	24-2	12.15	11.88	13.06	12.36	4.97	ppb
Manganese	55-2	0.13	0.14	0.17	0.15	14.02	ppb
Molybdenum	94-1	0.56	0.55	0.56	0.56	1.26	ppb
Molybdenum	95-1	0.34	0.30	0.29	0.31	8.14	ppb
Molybdenum	96-1	0.37	0.31	0.30	0.33	11.90	ppb
Molybdenum	97-1	0.36	0.33	0.30	0.33	8.04	ppb
Molybdenum	98-1	0.35	0.28	0.31	0.31	10.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	0.04	0.00		ppb
Phosphorus	31-2	-17.20	-7.08	-14.03	-12.77		ppb
Potassium	39-2	14.40	13.65	11.92	13.32	9.54	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	0.14	-0.06	-0.33	-0.08		ppb
Selenium	77-2	0.41	0.00	0.00	0.14	173.21	ppb
Selenium	78-2	0.30	0.30	1.51	0.70	98.71	ppb
Silicon	28-1	-0.44	-0.37	-0.20	-0.34		ppb
Silver	107-1	0.08	0.06	0.05	0.06	22.90	ppb
Silver	109-1	0.07	0.05	0.05	0.06	21.77	ppb
Sodium	23-2	48.34	47.93	47.58	47.95	0.79	ppb
Strontium	86-1	0.41	0.37	0.33	0.37	10.96	ppb
Strontium	88-1	0.42	0.31	0.31	0.35	18.40	ppb
Sulfur	34-1	-463.19	-460.77	-348.69	-424.22		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.10	0.09	0.08	0.09	11.71	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	11.43	ppb
Tin	118-1	0.09	0.08	0.13	0.10	25.32	ppb
Titanium	47-1	0.24	0.25	0.34	0.28	19.99	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:34:39	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	28.93	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	21.07	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	0.40	0.45	0.34	0.40	13.23	ppb
Zirconium	90-1	0.16	0.17	0.15	0.16	5.43	ppb
Zirconium	91-1	0.18	0.17	0.19	0.18	3.69	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BL	Instrumnet Name :	P7
Client Sample ID :	PBS703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:37:56	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.58	0.37	0.36	64.24	ppb
Antimony	121-1	0.08	0.09	0.11	0.10	19.08	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.01	0.01	0.01	20.36	ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.05	0.06	0.05	29.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.06	0.06	0.04	86.56	ppb
Cadmium	106-1	0.81	-0.06	0.41	0.39	112.51	ppb
Cadmium	111-1	0.07	0.01	0.04	0.04	76.37	ppb
Calcium	43-1	-1.12	-2.95	1.17	-0.96		ppb
Calcium	44-1	0.25	-0.05	0.04	0.08	192.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	0.00	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	14.06	ppb
Copper	63-2	0.08	0.07	0.07	0.07	1.41	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				100		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	1.44	1.41	1.49	1.45	2.54	ppb
Iron	57-2	0.91	-0.26	-0.73	-0.03		ppb
Iron	54-2	2.42	2.25	2.23	2.30	4.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BL	Instrumnet Name :	P7
Client Sample ID :	PBS703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:37:56	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.06	0.06	0.07	21.51	ppb
Lead	207-1	0.09	0.09	0.08	0.09	8.68	ppb
Lead	208-1	0.09	0.08	0.07	0.08	11.84	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.48	3.32	3.66	3.49	4.81	ppb
Manganese	55-2	-0.01	-0.01	-0.03	-0.02		ppb
Molybdenum	94-1	0.13	0.12	0.13	0.13	4.59	ppb
Molybdenum	95-1	0.10	0.08	0.10	0.09	13.51	ppb
Molybdenum	96-1	0.07	0.12	0.10	0.10	24.51	ppb
Molybdenum	97-1	0.09	0.07	0.10	0.09	21.23	ppb
Molybdenum	98-1	0.08	0.08	0.07	0.08	8.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.03	-0.03		ppb
Phosphorus	31-2	-12.70	-13.79	-15.86	-14.12		ppb
Potassium	39-2	4.62	6.41	4.03	5.02	24.73	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.02	-0.36	0.21	-0.04		ppb
Selenium	77-2	0.00	0.41	0.00	0.14	173.21	ppb
Selenium	78-2	-0.66	0.53	-0.39	-0.18		ppb
Silicon	28-1	-1.33	-1.17	-0.96	-1.16		ppb
Silver	107-1	0.02	0.02	0.01	0.02	16.32	ppb
Silver	109-1	0.02	0.02	0.02	0.02	20.51	ppb
Sodium	23-2	30.48	29.09	30.06	29.88	2.40	ppb
Strontium	86-1	0.14	0.13	0.10	0.12	20.44	ppb
Strontium	88-1	0.11	0.09	0.08	0.09	15.03	ppb
Sulfur	34-1	-405.90	-319.29	-245.00	-323.40		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.04	0.03	0.04	21.15	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	11.12	ppb
Tin	118-1	-0.03	-0.03	0.00	-0.02		ppb
Titanium	47-1	0.04	0.03	0.06	0.04	33.91	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BL	Instrumnet Name :	P7
Client Sample ID :	PBS703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:37:56	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	39.16	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	221.61	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	-0.05	0.03	-0.08	-0.03		ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	10.38	ppb
Zirconium	91-1	0.04	0.03	0.04	0.04	22.80	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BS	Instrumnet Name :	P7
Client Sample ID :	LCS703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:41:15	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.32	40.79	43.73	41.28	5.44	ppb
Antimony	121-1	4.19	4.29	4.36	4.28	1.90	ppb
Arsenic	75-2	2.00	2.29	2.02	2.10	7.81	ppb
Barium	135-1	19.23	19.55	19.73	19.50	1.31	ppb
Barium	137-1	19.10	20.04	19.86	19.67	2.53	ppb
Beryllium	9-1	2.08	2.18	2.26	2.17	4.02	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.99	2.34	2.09	2.14	8.41	ppb
Cadmium	106-1	2.67	2.66	0.46	1.93	65.94	ppb
Cadmium	111-1	2.31	2.32	2.18	2.27	3.43	ppb
Calcium	43-1	1001.66	1038.67	1000.00	1013.44	2.16	ppb
Calcium	44-1	1022.98	1015.48	1025.17	1021.21	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.71	4.50	4.51	4.57	2.61	ppb
Cobalt	59-2	2.17	2.19	2.10	2.15	2.27	ppb
Copper	63-2	4.37	4.33	4.51	4.40	2.09	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				98		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	461.52	453.53	455.29	456.78	0.92	ppb
Iron	57-2	454.92	460.78	462.52	459.41	0.87	ppb
Iron	54-2	466.62	463.21	464.18	464.67	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BS	Instrumnet Name :	P7
Client Sample ID :	LCS703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:41:15	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.87	1.87	1.84	1.86	0.93	ppb
Lead	207-1	1.92	1.86	1.87	1.88	1.52	ppb
Lead	208-1	1.89	1.87	1.87	1.88	0.41	ppb
Lithium	6-1				99		%
Magnesium	24-2	1118.93	1106.53	1112.67	1112.71	0.56	ppb
Manganese	55-2	2.13	2.10	2.11	2.11	0.87	ppb
Molybdenum	94-1	12.00	11.90	11.99	11.96	0.46	ppb
Molybdenum	95-1	9.81	9.75	9.64	9.73	0.91	ppb
Molybdenum	96-1	10.05	10.22	10.15	10.14	0.84	ppb
Molybdenum	97-1	9.64	10.03	9.92	9.86	2.01	ppb
Molybdenum	98-1	9.70	9.86	9.81	9.79	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.25	2.23	2.20	2.23	1.19	ppb
Phosphorus	31-2	-14.83	-13.44	-15.37	-14.55		ppb
Potassium	39-2	1083.47	1077.62	1080.17	1080.42	0.27	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	10.70	11.51	10.75	10.99	4.16	ppb
Selenium	77-2	16.78	12.81	11.37	13.65	20.51	ppb
Selenium	78-2	12.93	12.13	12.98	12.68	3.77	ppb
Silicon	28-1	5.53	5.32	5.57	5.47	2.41	ppb
Silver	107-1	2.10	2.19	2.16	2.15	2.26	ppb
Silver	109-1	2.06	2.19	2.15	2.13	3.24	ppb
Sodium	23-2	1066.58	1052.79	1053.38	1057.59	0.74	ppb
Strontium	86-1	2.07	2.09	2.02	2.06	1.73	ppb
Strontium	88-1	2.08	2.10	2.11	2.10	0.74	ppb
Sulfur	34-1	-88.87	-32.37	-84.32	-68.52		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	1.90	1.80	1.81	1.83	2.94	ppb
Thallium	205-1	1.81	1.84	1.80	1.81	1.07	ppb
Tin	118-1	0.00	0.00	0.00	0.00	2091.76	ppb
Titanium	47-1	9.84	10.19	9.99	10.01	1.74	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BS	Instrumnet Name :	P7
Client Sample ID :	LCS703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:41:15	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.71	1.69	1.67	1.69	1.27	ppb
Vanadium	51-2	10.15	10.34	10.34	10.28	1.06	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	11.11	10.48	11.12	10.90	3.37	ppb
Zirconium	90-1	2.05	2.14	2.10	2.10	2.14	ppb
Zirconium	91-1	2.16	2.07	2.20	2.14	2.98	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:44:32	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.53	18.43	20.23	19.73	5.75	ppb
Antimony	121-1	2.41	2.10	2.16	2.22	7.25	ppb
Arsenic	75-2	1.11	1.15	0.97	1.08	8.77	ppb
Barium	135-1	10.98	9.44	9.48	9.97	8.79	ppb
Barium	137-1	10.79	9.70	9.75	10.08	6.11	ppb
Beryllium	9-1	1.26	1.03	1.06	1.12	10.97	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.64	1.05	1.23	1.31	23.09	ppb
Cadmium	106-1	1.50	1.29	0.89	1.23	25.22	ppb
Cadmium	111-1	1.30	1.15	1.22	1.23	6.10	ppb
Calcium	43-1	557.16	493.41	496.30	515.62	6.98	ppb
Calcium	44-1	558.95	502.26	504.00	521.74	6.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.13	2.19	2.20	2.17	1.74	ppb
Cobalt	59-2	1.10	1.04	1.01	1.05	4.56	ppb
Copper	63-2	2.27	2.23	2.16	2.22	2.53	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				95		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				96		%
Iron	56-2	223.16	222.79	224.79	223.58	0.48	ppb
Iron	57-2	229.68	216.52	221.94	222.71	2.97	ppb
Iron	54-2	227.61	230.20	231.15	229.65	0.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:44:32	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.03	0.92	0.95	0.96	5.82	ppb
Lead	207-1	1.06	0.97	0.92	0.98	6.91	ppb
Lead	208-1	1.05	0.93	0.94	0.98	6.83	ppb
Lithium	6-1				96		%
Magnesium	24-2	545.71	546.81	552.97	548.50	0.71	ppb
Manganese	55-2	1.05	1.04	1.00	1.03	2.50	ppb
Molybdenum	94-1	6.35	5.81	5.93	6.03	4.68	ppb
Molybdenum	95-1	5.37	4.78	4.90	5.01	6.18	ppb
Molybdenum	96-1	5.46	4.97	4.87	5.10	6.17	ppb
Molybdenum	97-1	5.37	4.79	4.83	4.99	6.50	ppb
Molybdenum	98-1	5.35	4.74	4.81	4.97	6.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.03	1.17	1.09	6.59	ppb
Phosphorus	31-2	-15.66	-15.07	-14.44	-15.06		ppb
Potassium	39-2	527.81	534.72	539.12	533.88	1.07	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	82-1	6.40	5.35	5.56	5.77	9.62	ppb
Selenium	77-2	5.47	5.49	5.90	5.62	4.33	ppb
Selenium	78-2	4.98	7.25	6.11	6.11	18.53	ppb
Silicon	28-1	4.18	2.20	2.32	2.90	38.32	ppb
Silver	107-1	1.18	1.08	1.04	1.10	6.64	ppb
Silver	109-1	1.16	1.06	1.05	1.09	5.84	ppb
Sodium	23-2	524.25	521.59	527.40	524.42	0.55	ppb
Strontium	86-1	1.11	0.96	1.08	1.05	7.46	ppb
Strontium	88-1	1.12	1.03	1.06	1.07	4.69	ppb
Sulfur	34-1	596.11	-133.68	-0.87	153.86	252.65	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	1.02	0.91	0.92	0.95	6.67	ppb
Thallium	205-1	1.00	0.88	0.89	0.93	7.36	ppb
Tin	118-1	-0.03	-0.04	-0.03	-0.03		ppb
Titanium	47-1	5.53	4.88	4.84	5.08	7.69	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:44:32	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.83	0.84	0.87	6.32	ppb
Vanadium	51-2	4.95	4.99	5.08	5.01	1.30	ppb
Yttrium	89-1				92		%
Yttrium	89-2				96		%
Zinc	66-2	5.64	5.36	5.35	5.45	2.99	ppb
Zirconium	90-1	1.16	1.02	1.05	1.08	6.95	ppb
Zirconium	91-1	1.16	1.15	1.11	1.14	2.33	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BL	Instrumnet Name :	P7
Client Sample ID :	PBS778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:47:51	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	0.13	0.25	0.19	31.32	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	2.69	ppb
Arsenic	75-2	-0.04	-0.04	0.00	-0.03		ppb
Barium	135-1	0.03	0.00	0.00	0.01	123.48	ppb
Barium	137-1	0.00	0.01	0.02	0.01	80.73	ppb
Beryllium	9-1	0.01	0.03	0.05	0.03	49.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.11	0.00	0.06	95.66	ppb
Cadmium	106-1	-0.97	0.15	-0.44	-0.42		ppb
Cadmium	111-1	-0.07	0.00	-0.03	-0.03		ppb
Calcium	43-1	-1.62	-0.67	1.95	-0.11		ppb
Calcium	44-1	0.52	0.35	0.52	0.46	21.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.03	-0.01		ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	0.06	0.04	0.03	0.04	28.40	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				98		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	0.59	0.38	0.24	0.40	43.21	ppb
Iron	57-2	0.14	2.12	-0.09	0.73	167.24	ppb
Iron	54-2	2.09	1.86	1.74	1.90	9.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BL	Instrumnet Name :	P7
Client Sample ID :	PBS778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:47:51	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.00	0.01	60.13	ppb
Lead	207-1	0.02	0.03	0.03	0.03	26.48	ppb
Lead	208-1	0.02	0.02	0.02	0.02	8.37	ppb
Lithium	6-1				99		%
Magnesium	24-2	3.05	2.71	3.18	2.98	8.21	ppb
Manganese	55-2	-0.07	-0.07	0.00	-0.04		ppb
Molybdenum	94-1	0.06	0.04	0.08	0.06	31.00	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	68.20	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	57.65	ppb
Molybdenum	97-1	0.02	0.00	0.03	0.02	64.11	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	19.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.05	-0.03		ppb
Phosphorus	31-2	-17.08	-14.01	-17.66	-16.25		ppb
Potassium	39-2	1.08	0.35	2.12	1.19	75.07	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	0.06	-0.17	-0.25	-0.12		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.21	0.92	0.33	0.01	8644.86	ppb
Silicon	28-1	-0.72	-0.64	-0.38	-0.58		ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.01	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.38	ppb
Sodium	23-2	13.13	12.06	11.25	12.15	7.75	ppb
Strontium	86-1	0.02	0.01	0.04	0.02	61.78	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	24.93	ppb
Sulfur	34-1	-15.34	-5.87	77.12	18.64	272.91	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	0.01	0.01	30.35	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.34	ppb
Tin	118-1	0.10	0.10	0.10	0.10	2.18	ppb
Titanium	47-1	0.01	0.02	0.03	0.02	33.86	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BL	Instrumnet Name :	P7
Client Sample ID :	PBS778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:47:51	DataFile Name :	021CCBE.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	1.27	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	0.35	0.17	0.13	0.21	54.72	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	7.47	ppb
Zirconium	91-1	0.03	0.04	0.05	0.04	15.60	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BS	Instrumnet Name :	P7
Client Sample ID :	LCS778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:51:08	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.55	39.47	40.94	39.99	2.06	ppb
Antimony	121-1	4.13	4.16	4.11	4.13	0.64	ppb
Arsenic	75-2	2.00	2.49	1.95	2.15	13.98	ppb
Barium	135-1	18.84	18.97	18.71	18.84	0.70	ppb
Barium	137-1	19.34	19.37	19.20	19.30	0.46	ppb
Beryllium	9-1	1.95	2.09	2.12	2.05	4.27	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.85	2.45	2.63	2.64	7.66	ppb
Cadmium	106-1	2.14	2.71	2.04	2.30	15.60	ppb
Cadmium	111-1	2.13	2.39	2.19	2.23	6.18	ppb
Calcium	43-1	999.08	974.50	987.43	987.00	1.25	ppb
Calcium	44-1	998.52	1003.50	1011.07	1004.37	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.46	4.47	4.68	4.54	2.71	ppb
Cobalt	59-2	2.25	2.14	2.13	2.17	3.16	ppb
Copper	63-2	4.37	4.36	4.41	4.38	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				98		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	449.79	451.46	448.68	449.98	0.31	ppb
Iron	57-2	451.09	452.84	442.57	448.83	1.22	ppb
Iron	54-2	457.35	458.14	450.77	455.42	0.89	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BS	Instrumnet Name :	P7
Client Sample ID :	LCS778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:51:08	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.86	1.83	1.82	1.84	1.32	ppb
Lead	207-1	1.85	1.92	1.86	1.88	1.99	ppb
Lead	208-1	1.85	1.87	1.84	1.85	0.76	ppb
Lithium	6-1				99		%
Magnesium	24-2	1086.83	1094.52	1082.14	1087.83	0.57	ppb
Manganese	55-2	2.19	2.21	2.18	2.20	0.68	ppb
Molybdenum	94-1	11.50	11.64	11.86	11.67	1.55	ppb
Molybdenum	95-1	9.39	9.76	9.58	9.58	1.93	ppb
Molybdenum	96-1	9.71	9.96	9.88	9.85	1.29	ppb
Molybdenum	97-1	9.55	9.55	9.75	9.62	1.22	ppb
Molybdenum	98-1	9.61	9.61	9.93	9.72	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.18	2.34	2.22	4.54	ppb
Phosphorus	31-2	-10.16	-13.17	-10.66	-11.33		ppb
Potassium	39-2	1066.51	1071.30	1047.16	1061.66	1.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	10.92	11.24	10.45	10.87	3.67	ppb
Selenium	77-2	9.46	11.36	15.15	11.99	24.17	ppb
Selenium	78-2	9.06	12.36	11.24	10.88	15.42	ppb
Silicon	28-1	5.88	6.20	6.23	6.11	3.21	ppb
Silver	107-1	2.04	2.21	2.10	2.12	4.21	ppb
Silver	109-1	2.09	2.08	2.11	2.09	0.71	ppb
Sodium	23-2	1030.80	1029.53	1032.87	1031.07	0.16	ppb
Strontium	86-1	1.98	2.04	2.11	2.04	3.18	ppb
Strontium	88-1	2.04	2.04	2.06	2.04	0.54	ppb
Sulfur	34-1	-4.61	-18.19	29.89	2.36	1049.08	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	1.75	1.82	1.83	1.80	2.42	ppb
Thallium	205-1	1.75	1.76	1.78	1.76	0.83	ppb
Tin	118-1	-0.02	-0.04	-0.03	-0.03		ppb
Titanium	47-1	9.78	10.11	9.80	9.89	1.85	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BS	Instrumnet Name :	P7
Client Sample ID :	LCS778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:51:08	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.65	1.68	1.70	1.68	1.31	ppb
Vanadium	51-2	10.19	10.32	10.32	10.28	0.75	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	10.60	10.51	10.69	10.60	0.82	ppb
Zirconium	90-1	2.04	2.12	2.10	2.09	1.98	ppb
Zirconium	91-1	1.95	2.10	2.10	2.05	4.13	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:54:28	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.74	20.85	19.06	20.22	4.97	ppb
Antimony	121-1	2.07	2.20	2.14	2.14	2.87	ppb
Arsenic	75-2	0.96	0.87	1.16	0.99	15.09	ppb
Barium	135-1	9.50	9.72	9.95	9.72	2.34	ppb
Barium	137-1	9.74	9.70	9.91	9.78	1.13	ppb
Beryllium	9-1	1.12	1.09	1.06	1.09	2.92	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.44	1.20	1.76	1.47	19.14	ppb
Cadmium	106-1	1.58	1.97	1.27	1.61	21.70	ppb
Cadmium	111-1	1.20	1.25	1.11	1.19	5.73	ppb
Calcium	43-1	492.64	487.85	510.03	496.84	2.35	ppb
Calcium	44-1	507.29	512.40	505.98	508.56	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.35	2.27	2.28	2.30	1.93	ppb
Cobalt	59-2	1.08	1.10	1.05	1.07	2.44	ppb
Copper	63-2	2.12	2.14	2.28	2.18	4.02	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				98		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	224.82	225.74	224.26	224.94	0.33	ppb
Iron	57-2	228.85	220.84	221.69	223.79	1.96	ppb
Iron	54-2	234.17	232.99	228.68	231.94	1.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:54:28	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.92	0.94	0.91	0.92	1.57	ppb
Lead	207-1	0.90	0.91	0.93	0.91	2.05	ppb
Lead	208-1	0.91	0.93	0.94	0.93	1.48	ppb
Lithium	6-1				98		%
Magnesium	24-2	547.19	547.74	543.67	546.20	0.40	ppb
Manganese	55-2	1.13	1.07	1.07	1.09	3.03	ppb
Molybdenum	94-1	5.88	5.85	5.96	5.89	1.02	ppb
Molybdenum	95-1	4.83	4.79	4.88	4.83	0.90	ppb
Molybdenum	96-1	4.95	5.02	5.03	5.00	0.93	ppb
Molybdenum	97-1	4.84	4.78	4.87	4.83	0.96	ppb
Molybdenum	98-1	4.92	4.91	4.92	4.92	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.09	1.22	1.11	10.00	ppb
Phosphorus	31-2	-14.33	-9.81	-15.29	-13.15		ppb
Potassium	39-2	534.55	534.70	534.30	534.52	0.04	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	5.99	5.36	5.40	5.58	6.31	ppb
Selenium	77-2	4.66	9.69	5.13	6.49	42.76	ppb
Selenium	78-2	3.53	4.56	5.44	4.51	21.17	ppb
Silicon	28-1	2.86	2.86	3.04	2.92	3.67	ppb
Silver	107-1	1.07	1.10	1.14	1.10	3.17	ppb
Silver	109-1	1.04	1.09	1.12	1.08	3.78	ppb
Sodium	23-2	521.39	520.55	517.10	519.68	0.44	ppb
Strontium	86-1	1.12	1.01	1.03	1.05	5.25	ppb
Strontium	88-1	1.05	1.05	1.08	1.06	1.69	ppb
Sulfur	34-1	71.05	74.27	38.03	61.12	32.81	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.91	0.92	0.93	0.92	1.15	ppb
Thallium	205-1	0.90	0.91	0.92	0.91	0.88	ppb
Tin	118-1	-0.02	0.00	-0.02	-0.01		ppb
Titanium	47-1	4.77	4.98	4.84	4.86	2.23	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:54:28	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.84	0.85	0.84	0.93	ppb
Vanadium	51-2	5.19	5.08	5.17	5.15	1.10	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	5.74	5.56	5.85	5.71	2.49	ppb
Zirconium	90-1	1.01	1.04	1.08	1.04	2.96	ppb
Zirconium	91-1	1.04	1.01	1.08	1.04	3.28	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BL	Instrumnet Name :	P7
Client Sample ID :	PBS789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:57:45	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	0.35	0.23	0.18	111.65	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	36.08	ppb
Arsenic	75-2	-0.03	0.00	0.00	-0.01		ppb
Barium	135-1	0.02	0.01	0.00	0.01	101.05	ppb
Barium	137-1	-0.01	-0.01	0.02	0.00	1442.63	ppb
Beryllium	9-1	0.04	0.00	0.00	0.01	194.07	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.03	0.06	0.03	99.69	ppb
Cadmium	106-1	1.27	0.02	0.19	0.49	137.53	ppb
Cadmium	111-1	0.10	0.00	0.01	0.04	149.20	ppb
Calcium	43-1	0.91	-1.61	-0.87	-0.52		ppb
Calcium	44-1	0.46	0.29	0.77	0.51	47.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.02	0.00	370.87	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	1317.66	ppb
Copper	63-2	0.01	0.00	0.01	0.01	68.70	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				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	0.00	-0.07	-0.01	-0.03		ppb
Iron	57-2	2.01	-0.68	-0.98	0.12	1421.48	ppb
Iron	54-2	0.29	0.64	1.36	0.76	71.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BL	Instrumnet Name :	P7
Client Sample ID :	PBS789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:57:45	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.00	0.00	169.45	ppb
Lead	207-1	0.00	0.02	0.02	0.01	62.48	ppb
Lead	208-1	0.01	0.01	0.01	0.01	15.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.15	2.28	2.22	2.55	20.37	ppb
Manganese	55-2	-0.05	-0.01	-0.07	-0.04		ppb
Molybdenum	94-1	0.02	0.01	0.02	0.02	28.02	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	113.27	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.01	103.86	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	462.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-14.38	-14.91	-14.80	-14.70		ppb
Potassium	39-2	-2.89	5.01	7.25	3.13	170.35	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.21	-0.12	0.93	0.34	158.31	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.67	0.28	-0.30	0.21	228.19	ppb
Silicon	28-1	-0.44	-0.45	-0.15	-0.35		ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.51	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.64	ppb
Sodium	23-2	7.45	7.30	7.83	7.53	3.64	ppb
Strontium	86-1	0.01	0.03	0.02	0.02	47.69	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	137.34	ppb
Sulfur	34-1	-5.53	32.53	152.09	59.70	137.78	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.01	0.00	132.87	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	156.78	ppb
Tin	118-1	0.01	0.00	0.01	0.01	55.27	ppb
Titanium	47-1	0.02	0.04	-0.02	0.01	225.51	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BL	Instrumnet Name :	P7
Client Sample ID :	PBS789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:57:45	DataFile Name :	024CCBE.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				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.07	0.12	0.24	0.14	61.95	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	42.19	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	29.39	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BS	Instrumnet Name :	P7
Client Sample ID :	LCS789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:01:12	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.06	41.29	42.71	41.35	3.21	ppb
Antimony	121-1	4.28	4.44	4.31	4.34	1.98	ppb
Arsenic	75-2	2.13	2.10	2.34	2.19	5.80	ppb
Barium	135-1	20.13	20.09	19.93	20.05	0.54	ppb
Barium	137-1	20.07	20.03	19.94	20.01	0.32	ppb
Beryllium	9-1	2.28	2.20	2.10	2.19	4.27	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.99	2.85	2.15	2.33	19.54	ppb
Cadmium	106-1	2.26	5.12	1.03	2.80	74.86	ppb
Cadmium	111-1	2.36	2.54	2.24	2.38	6.34	ppb
Calcium	43-1	994.15	1027.76	1053.80	1025.23	2.92	ppb
Calcium	44-1	1023.91	1035.29	1026.51	1028.57	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.41	4.62	4.53	4.52	2.28	ppb
Cobalt	59-2	2.08	2.10	2.20	2.13	2.99	ppb
Copper	63-2	4.52	4.46	4.51	4.50	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				98		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	447.49	453.62	459.60	453.57	1.34	ppb
Iron	57-2	444.86	455.90	469.85	456.87	2.74	ppb
Iron	54-2	450.63	466.37	466.09	461.03	1.95	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BS	Instrumnet Name :	P7
Client Sample ID :	LCS789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:01:12	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.88	1.89	1.85	1.87	1.12	ppb
Lead	207-1	1.92	1.80	1.81	1.84	3.54	ppb
Lead	208-1	1.89	1.87	1.82	1.86	1.83	ppb
Lithium	6-1				99		%
Magnesium	24-2	1083.08	1097.06	1113.87	1098.01	1.40	ppb
Manganese	55-2	2.10	2.01	2.25	2.12	5.87	ppb
Molybdenum	94-1	11.68	12.19	11.80	11.89	2.25	ppb
Molybdenum	95-1	9.81	9.81	9.93	9.85	0.71	ppb
Molybdenum	96-1	9.98	10.32	10.22	10.17	1.72	ppb
Molybdenum	97-1	9.63	9.79	9.96	9.79	1.69	ppb
Molybdenum	98-1	9.75	9.99	9.83	9.86	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	2.19	2.22	2.17	2.89	ppb
Phosphorus	31-2	-14.78	-12.51	-13.41	-13.57		ppb
Potassium	39-2	1062.31	1071.59	1099.29	1077.73	1.78	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	11.47	11.41	10.78	11.22	3.43	ppb
Selenium	77-2	10.76	12.77	11.21	11.58	9.11	ppb
Selenium	78-2	11.35	9.27	11.21	10.61	10.96	ppb
Silicon	28-1	6.13	6.63	6.45	6.41	3.94	ppb
Silver	107-1	2.15	2.21	2.32	2.23	3.81	ppb
Silver	109-1	2.13	2.20	2.25	2.19	2.79	ppb
Sodium	23-2	1019.82	1033.93	1041.55	1031.77	1.07	ppb
Strontium	86-1	2.14	2.06	2.12	2.10	1.98	ppb
Strontium	88-1	2.05	2.07	2.09	2.07	0.97	ppb
Sulfur	34-1	103.16	131.86	83.26	106.09	23.03	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	1.88	1.89	1.88	1.88	0.36	ppb
Thallium	205-1	1.79	1.81	1.80	1.80	0.41	ppb
Tin	118-1	-0.01	-0.02	-0.04	-0.02		ppb
Titanium	47-1	9.56	10.17	9.61	9.78	3.48	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BS	Instrumnet Name :	P7
Client Sample ID :	LCS789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:01:12	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.71	1.70	1.70	1.70	0.53	ppb
Vanadium	51-2	10.27	10.46	10.70	10.47	2.08	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	10.63	10.44	11.11	10.72	3.22	ppb
Zirconium	90-1	2.08	2.14	2.15	2.12	1.73	ppb
Zirconium	91-1	2.13	2.12	2.15	2.13	0.68	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:04:30	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.32	19.90	19.82	19.68	1.62	ppb
Antimony	121-1	2.02	2.06	2.03	2.04	1.00	ppb
Arsenic	75-2	1.13	0.85	0.94	0.98	14.63	ppb
Barium	135-1	9.30	9.40	9.38	9.36	0.60	ppb
Barium	137-1	9.36	9.48	9.60	9.48	1.28	ppb
Beryllium	9-1	1.06	1.11	1.13	1.10	3.23	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.14	1.33	0.96	1.14	16.11	ppb
Cadmium	106-1	2.86	0.63	-0.04	1.15	131.96	ppb
Cadmium	111-1	1.34	1.02	1.14	1.17	13.67	ppb
Calcium	43-1	490.98	494.17	466.14	483.76	3.17	ppb
Calcium	44-1	486.23	489.99	494.35	490.19	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.21	2.24	2.28	2.25	1.41	ppb
Cobalt	59-2	1.03	1.02	1.04	1.03	0.76	ppb
Copper	63-2	2.08	2.10	2.27	2.15	4.75	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				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	214.07	214.96	220.34	216.46	1.57	ppb
Iron	57-2	210.14	208.58	223.18	213.97	3.75	ppb
Iron	54-2	219.71	218.09	222.75	220.18	1.08	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:04:30	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.91	0.88	0.85	0.88	3.32	ppb
Lead	207-1	0.86	0.90	0.88	0.88	2.67	ppb
Lead	208-1	0.87	0.89	0.87	0.88	1.36	ppb
Lithium	6-1				100		%
Magnesium	24-2	513.68	517.88	533.15	521.57	1.96	ppb
Manganese	55-2	0.99	1.01	1.10	1.03	5.53	ppb
Molybdenum	94-1	5.62	5.58	5.64	5.61	0.51	ppb
Molybdenum	95-1	4.74	4.71	4.61	4.69	1.39	ppb
Molybdenum	96-1	4.82	4.87	4.77	4.82	1.02	ppb
Molybdenum	97-1	4.59	4.71	4.65	4.65	1.33	ppb
Molybdenum	98-1	4.69	4.71	4.61	4.67	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	1.03	1.09	1.02	7.45	ppb
Phosphorus	31-2	-17.21	-12.75	-18.36	-16.11		ppb
Potassium	39-2	515.91	510.27	526.06	517.41	1.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	5.01	4.96	5.07	5.01	1.12	ppb
Selenium	77-2	4.55	4.92	5.47	4.98	9.28	ppb
Selenium	78-2	3.91	7.15	7.31	6.13	31.30	ppb
Silicon	28-1	2.79	3.11	3.10	3.00	6.02	ppb
Silver	107-1	1.02	1.05	1.03	1.03	1.10	ppb
Silver	109-1	1.00	1.03	1.05	1.03	2.35	ppb
Sodium	23-2	489.52	491.25	498.60	493.12	0.98	ppb
Strontium	86-1	1.05	0.97	0.98	1.00	4.20	ppb
Strontium	88-1	1.00	1.01	0.99	1.00	1.06	ppb
Sulfur	34-1	63.30	111.92	49.69	74.97	43.63	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.92	0.89	0.87	0.89	3.11	ppb
Thallium	205-1	0.85	0.88	0.86	0.86	1.41	ppb
Tin	118-1	0.05	0.05	0.05	0.05	2.48	ppb
Titanium	47-1	4.73	4.79	4.48	4.67	3.46	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:04:30	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.81	0.79	0.80	1.47	ppb
Vanadium	51-2	4.95	4.99	5.07	5.01	1.25	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	5.07	5.06	5.39	5.17	3.63	ppb
Zirconium	90-1	0.99	1.01	1.01	1.00	1.33	ppb
Zirconium	91-1	1.00	1.01	1.02	1.01	0.99	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BL	Instrumnet Name :	P7
Client Sample ID :	PBS470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:07:48	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.12	2.24	2.34	2.23	5.10	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	87.07	ppb
Arsenic	75-2	-0.03	-0.02	-0.03	-0.03		ppb
Barium	135-1	0.02	0.01	0.03	0.02	45.61	ppb
Barium	137-1	0.01	0.02	0.02	0.02	14.76	ppb
Beryllium	9-1	-0.02	0.01	0.02	0.01	396.46	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.11	-0.03	0.04	187.78	ppb
Cadmium	106-1	0.25	0.96	-0.47	0.25	288.61	ppb
Cadmium	111-1	0.02	0.07	-0.03	0.02	243.52	ppb
Calcium	43-1	0.63	2.19	-0.31	0.84	151.05	ppb
Calcium	44-1	2.19	1.26	1.40	1.62	31.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	0.01	0.02	74.19	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.04	0.06	0.04	0.04	34.34	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				99		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	0.50	0.55	0.07	0.37	71.47	ppb
Iron	57-2	1.54	1.97	2.83	2.11	31.29	ppb
Iron	54-2	1.82	1.35	0.47	1.21	56.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BL	Instrumnet Name :	P7
Client Sample ID :	PBS470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:07:48	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	0.01	0.00	0.01	0.00	137.20	ppb
Lead	208-1	0.00	0.00	0.00	0.00	193.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	2.93	3.04	2.70	2.89	5.96	ppb
Manganese	55-2	0.04	0.04	0.00	0.02	101.81	ppb
Molybdenum	94-1	0.03	0.03	0.01	0.02	53.03	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	391.57	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	96.41	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.01	0.00	1657.01	ppb
Phosphorus	31-2	-14.89	-11.57	-13.98	-13.48		ppb
Potassium	39-2	7.15	10.41	5.81	7.79	30.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	-0.28	-0.59	-0.09	-0.32		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.41	2.12	-0.17	0.79	151.36	ppb
Silicon	28-1	-0.52	-0.17	-0.04	-0.24		ppb
Silver	107-1	0.01	0.01	0.01	0.01	48.27	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.35	ppb
Sodium	23-2	5.99	7.71	5.31	6.34	19.57	ppb
Strontium	86-1	-0.01	0.03	0.00	0.01	223.66	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	49.61	ppb
Sulfur	34-1	-10.00	31.82	101.57	41.13	137.04	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.03	0.05	0.04	0.04	17.22	ppb
Titanium	47-1	-0.03	-0.01	0.01	-0.01		ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BL	Instrumnet Name :	P7
Client Sample ID :	PBS470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:07:48	DataFile Name :	027CCBE.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				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.23	0.39	0.32	0.31	25.77	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	39.15	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	23.17	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BS	Instrumnet Name :	P7
Client Sample ID :	LCS470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:11:05	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.42	40.74	42.68	41.61	2.37	ppb
Antimony	121-1	4.05	4.14	4.24	4.14	2.34	ppb
Arsenic	75-2	2.27	2.20	2.07	2.18	4.63	ppb
Barium	135-1	18.67	19.48	19.77	19.30	2.96	ppb
Barium	137-1	19.03	19.32	19.96	19.44	2.45	ppb
Beryllium	9-1	2.05	2.02	2.32	2.13	7.78	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.74	2.98	2.60	2.44	26.06	ppb
Cadmium	106-1	2.42	1.67	2.25	2.11	18.52	ppb
Cadmium	111-1	2.29	2.18	2.18	2.22	3.01	ppb
Calcium	43-1	1004.45	985.51	979.59	989.85	1.31	ppb
Calcium	44-1	989.76	999.19	1024.20	1004.39	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.48	4.55	4.69	4.57	2.31	ppb
Cobalt	59-2	2.14	2.17	2.22	2.17	1.91	ppb
Copper	63-2	4.20	4.31	4.34	4.28	1.71	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				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	447.84	445.30	442.61	445.25	0.59	ppb
Iron	57-2	451.59	453.17	442.69	449.15	1.26	ppb
Iron	54-2	451.27	449.78	453.67	451.57	0.43	ppb
Krypton	83-1						cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BS	Instrumnet Name :	P7
Client Sample ID :	LCS470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:11:05	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.78	1.79	1.91	1.83	3.77	ppb
Lead	207-1	1.79	1.77	1.92	1.83	4.38	ppb
Lead	208-1	1.79	1.78	1.89	1.82	3.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	1077.95	1073.14	1080.72	1077.27	0.36	ppb
Manganese	55-2	2.09	2.07	2.09	2.08	0.52	ppb
Molybdenum	94-1	11.26	11.71	12.11	11.69	3.64	ppb
Molybdenum	95-1	9.42	9.57	9.78	9.59	1.87	ppb
Molybdenum	96-1	9.68	9.76	10.18	9.88	2.75	ppb
Molybdenum	97-1	9.36	9.58	9.71	9.55	1.82	ppb
Molybdenum	98-1	9.49	9.54	9.86	9.63	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.33	2.22	2.20	2.25	3.20	ppb
Phosphorus	31-2	-16.31	-15.79	-13.81	-15.30		ppb
Potassium	39-2	1053.88	1055.63	1065.27	1058.26	0.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	9.75	11.01	11.57	10.78	8.65	ppb
Selenium	77-2	12.12	9.45	10.54	10.70	12.52	ppb
Selenium	78-2	10.89	9.51	14.06	11.48	20.30	ppb
Silicon	28-1	5.73	6.23	6.59	6.18	6.94	ppb
Silver	107-1	2.11	2.14	2.23	2.16	2.86	ppb
Silver	109-1	2.05	2.19	2.24	2.16	4.55	ppb
Sodium	23-2	1009.46	1011.64	1013.73	1011.61	0.21	ppb
Strontium	86-1	2.10	2.08	2.07	2.08	0.71	ppb
Strontium	88-1	2.02	2.05	2.10	2.05	2.00	ppb
Sulfur	34-1	-106.05	-19.15	66.21	-19.66		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	1.78	1.71	1.87	1.79	4.44	ppb
Thallium	205-1	1.74	1.73	1.77	1.75	1.39	ppb
Tin	118-1	-0.02	-0.01	-0.01	-0.02		ppb
Titanium	47-1	9.26	9.69	9.88	9.61	3.32	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BS	Instrumnet Name :	P7
Client Sample ID :	LCS470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:11:05	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.64	1.64	1.67	1.65	1.10	ppb
Vanadium	51-2	10.13	10.33	10.12	10.19	1.18	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	10.75	10.31	11.07	10.71	3.54	ppb
Zirconium	90-1	2.04	2.04	2.10	2.06	1.69	ppb
Zirconium	91-1	2.00	2.03	2.06	2.03	1.49	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:14:23	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.58	20.43	20.55	20.86	3.04	ppb
Antimony	121-1	2.01	2.07	2.08	2.05	1.93	ppb
Arsenic	75-2	1.03	1.19	1.19	1.14	7.82	ppb
Barium	135-1	9.50	9.78	10.01	9.77	2.60	ppb
Barium	137-1	9.71	9.92	9.71	9.78	1.22	ppb
Beryllium	9-1	1.05	1.10	1.12	1.09	3.23	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.32	1.17	1.50	1.33	12.20	ppb
Cadmium	106-1	2.78	1.15	1.50	1.81	47.22	ppb
Cadmium	111-1	1.16	1.14	1.07	1.12	4.04	ppb
Calcium	43-1	494.53	512.22	514.78	507.18	2.17	ppb
Calcium	44-1	498.13	506.83	512.72	505.89	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.23	2.22	2.30	2.25	1.95	ppb
Cobalt	59-2	1.09	1.05	1.02	1.05	3.19	ppb
Copper	63-2	2.25	2.19	2.21	2.22	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				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	222.54	221.54	222.03	222.04	0.22	ppb
Iron	57-2	226.17	224.45	221.08	223.90	1.16	ppb
Iron	54-2	227.96	228.71	224.22	226.96	1.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:14:23	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.93	0.92	0.90	0.91	1.69	ppb
Lead	207-1	0.94	0.93	0.91	0.92	1.95	ppb
Lead	208-1	0.93	0.93	0.91	0.92	1.09	ppb
Lithium	6-1				100		%
Magnesium	24-2	535.64	539.51	534.14	536.43	0.52	ppb
Manganese	55-2	1.26	1.12	1.18	1.19	6.09	ppb
Molybdenum	94-1	5.67	5.73	5.94	5.78	2.49	ppb
Molybdenum	95-1	4.58	4.77	4.88	4.74	3.20	ppb
Molybdenum	96-1	4.80	4.90	5.06	4.92	2.61	ppb
Molybdenum	97-1	4.72	4.85	5.07	4.88	3.66	ppb
Molybdenum	98-1	4.72	4.75	4.92	4.80	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.08	1.13	1.09	3.07	ppb
Phosphorus	31-2	-9.68	-14.38	-14.81	-12.96		ppb
Potassium	39-2	536.84	531.51	530.67	533.01	0.63	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	5.26	5.53	5.32	5.37	2.61	ppb
Selenium	77-2	4.55	6.01	6.77	5.78	19.50	ppb
Selenium	78-2	6.85	5.73	4.06	5.55	25.30	ppb
Silicon	28-1	3.08	2.91	3.43	3.14	8.50	ppb
Silver	107-1	1.03	1.12	1.10	1.08	4.20	ppb
Silver	109-1	1.08	1.07	1.08	1.08	0.47	ppb
Sodium	23-2	505.65	502.77	504.63	504.35	0.29	ppb
Strontium	86-1	1.02	1.01	1.08	1.04	3.55	ppb
Strontium	88-1	1.02	1.03	1.07	1.04	2.49	ppb
Sulfur	34-1	-13.55	-14.84	138.75	36.79	240.06	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.88	0.95	0.90	0.91	3.86	ppb
Thallium	205-1	0.86	0.86	0.88	0.87	1.14	ppb
Tin	118-1	0.01	0.01	0.00	0.01	74.16	ppb
Titanium	47-1	4.56	4.96	4.78	4.77	4.24	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:14:23	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.83	0.84	0.83	2.08	ppb
Vanadium	51-2	5.21	5.14	5.12	5.16	0.90	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	5.81	5.39	5.70	5.63	3.90	ppb
Zirconium	90-1	1.04	1.05	1.09	1.06	2.48	ppb
Zirconium	91-1	0.93	1.02	1.03	0.99	5.72	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-01	Instrumnet Name :	P7
Client Sample ID :	MYD4Q8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:17:42	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58230.84	58750.16	58943.57	58641.53	0.63	ppb
Antimony	121-1	1.64	1.63	1.66	1.64	0.71	ppb
Arsenic	75-2	155.20	151.77	149.85	152.28	1.78	ppb
Barium	135-1	372.94	366.40	366.58	368.64	1.01	ppb
Barium	137-1	373.24	368.59	370.80	370.88	0.63	ppb
Beryllium	9-1	2.08	2.10	1.89	2.02	5.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.52	3.40	3.37	3.43	2.30	ppb
Cadmium	106-1	6.55	5.11	5.21	5.62	14.25	ppb
Cadmium	111-1	3.09	2.92	2.90	2.97	3.54	ppb
Calcium	43-1	19923.63	20110.33	20307.41	20113.79	0.95	ppb
Calcium	44-1	18858.78	18808.48	18834.79	18834.02	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.23	58.57	59.05	58.61	0.70	ppb
Cobalt	59-2	45.79	45.20	45.93	45.64	0.85	ppb
Copper	63-2	266.43	267.92	269.59	267.98	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				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	126432.53	126862.46	128298.66	127197.89	0.77	ppb
Iron	57-2	123867.03	124193.32	125520.36	124526.90	0.70	ppb
Iron	54-2	126385.02	126328.72	126397.53	126370.42	0.03	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-01	Instrumnet Name :	P7
Client Sample ID :	MYD4Q8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:17:42	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	110.75	110.69	111.63	111.02	0.48	ppb
Lead	207-1	114.12	113.56	113.71	113.79	0.25	ppb
Lead	208-1	112.05	111.80	112.58	112.15	0.36	ppb
Lithium	6-1				104		%
Magnesium	24-2	20220.32	20353.72	20239.21	20271.08	0.36	ppb
Manganese	55-2	2093.94	2045.30	2118.17	2085.80	1.78	ppb
Molybdenum	94-1	20.20	20.74	20.73	20.56	1.52	ppb
Molybdenum	95-1	1.16	1.17	1.16	1.17	0.50	ppb
Molybdenum	96-1	4.15	4.25	4.32	4.24	2.05	ppb
Molybdenum	97-1	1.20	1.17	1.13	1.16	3.13	ppb
Molybdenum	98-1	1.11	1.17	1.14	1.14	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.14	50.09	49.41	49.54	0.99	ppb
Phosphorus	31-2	2606.96	2555.06	2577.40	2579.81	1.01	ppb
Potassium	39-2	6380.57	6375.56	6389.01	6381.71	0.11	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	1.29	2.08	1.70	1.69	23.37	ppb
Selenium	77-2	15.11	11.77	16.16	14.35	16.00	ppb
Selenium	78-2	3.25	6.16	5.17	4.86	30.38	ppb
Silicon	28-1	2148.00	2147.44	2159.07	2151.50	0.30	ppb
Silver	107-1	1.14	1.13	1.13	1.14	0.61	ppb
Silver	109-1	1.15	1.07	1.06	1.09	4.39	ppb
Sodium	23-2	274.85	277.41	281.62	277.96	1.23	ppb
Strontium	86-1	89.35	90.29	90.03	89.89	0.54	ppb
Strontium	88-1	91.13	90.54	91.73	91.13	0.65	ppb
Sulfur	34-1	-461.39	-594.90	-729.58	-595.29		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.44	0.51	0.61	0.52	16.19	ppb
Thallium	205-1	0.45	0.49	0.59	0.51	14.43	ppb
Tin	118-1	2.35	2.27	2.21	2.28	2.95	ppb
Titanium	47-1	1840.91	1846.03	1824.16	1837.03	0.62	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-01	Instrumnet Name :	P7
Client Sample ID :	MYD4Q8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:17:42	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.92	0.93	0.92	0.57	ppb
Vanadium	51-2	236.49	237.38	239.97	237.95	0.76	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	429.21	434.77	442.87	435.62	1.58	ppb
Zirconium	90-1	10.95	11.19	11.19	11.11	1.25	ppb
Zirconium	91-1	11.07	11.24	11.14	11.15	0.77	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-02	Instrumnet Name :	P7
Client Sample ID :	MYD4Q9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:20:51	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38579.26	38340.53	38359.42	38426.40	0.35	ppb
Antimony	121-1	2.78	2.85	2.82	2.82	1.14	ppb
Arsenic	75-2	210.03	205.67	207.82	207.84	1.05	ppb
Barium	135-1	281.69	283.58	286.12	283.80	0.78	ppb
Barium	137-1	283.97	286.39	288.72	286.36	0.83	ppb
Beryllium	9-1	1.35	1.55	1.54	1.48	7.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.75	3.28	3.47	3.17	11.67	ppb
Cadmium	106-1	4.59	3.19	2.65	3.48	28.86	ppb
Cadmium	111-1	2.47	2.34	2.32	2.38	3.46	ppb
Calcium	43-1	13882.61	14048.66	14123.17	14018.15	0.88	ppb
Calcium	44-1	12895.87	13040.45	13033.52	12989.95	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.15	46.28	46.21	46.21	0.14	ppb
Cobalt	59-2	37.88	37.54	37.28	37.57	0.80	ppb
Copper	63-2	173.90	172.76	172.84	173.17	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				104		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	102229.39	100961.57	100727.11	101306.02	0.80	ppb
Iron	57-2	100354.19	101024.56	99500.43	100293.06	0.76	ppb
Iron	54-2	101585.26	101182.32	101338.38	101368.65	0.20	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-02	Instrumnet Name :	P7
Client Sample ID :	MYD4Q9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:20:51	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	146.58	148.69	150.26	148.51	1.24	ppb
Lead	207-1	152.85	155.15	156.37	154.79	1.16	ppb
Lead	208-1	157.94	158.46	160.71	159.04	0.92	ppb
Lithium	6-1				103		%
Magnesium	24-2	14252.03	14176.57	13987.80	14138.80	0.96	ppb
Manganese	55-2	1597.79	1582.26	1598.50	1592.85	0.58	ppb
Molybdenum	94-1	17.21	17.50	17.89	17.54	1.94	ppb
Molybdenum	95-1	1.34	1.36	1.42	1.37	2.82	ppb
Molybdenum	96-1	3.70	3.86	3.87	3.81	2.56	ppb
Molybdenum	97-1	1.37	1.35	1.39	1.37	1.44	ppb
Molybdenum	98-1	1.37	1.34	1.37	1.36	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.35	40.08	40.38	40.27	0.40	ppb
Phosphorus	31-2	2719.48	2827.24	2819.55	2788.75	2.16	ppb
Potassium	39-2	7112.18	7076.66	7058.16	7082.34	0.39	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	1.96	2.05	2.27	2.09	7.73	ppb
Selenium	77-2	12.05	16.33	13.37	13.92	15.74	ppb
Selenium	78-2	4.35	2.24	4.25	3.62	32.96	ppb
Silicon	28-1	1794.30	1807.46	1817.01	1806.26	0.63	ppb
Silver	107-1	0.91	0.93	0.93	0.92	1.32	ppb
Silver	109-1	0.86	0.90	0.97	0.91	6.35	ppb
Sodium	23-2	247.61	252.21	248.98	249.60	0.95	ppb
Strontium	86-1	71.89	73.13	74.61	73.21	1.86	ppb
Strontium	88-1	72.15	72.95	74.18	73.10	1.40	ppb
Sulfur	34-1	-924.66	-981.33	-917.63	-941.21		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.42	0.43	0.45	0.43	2.59	ppb
Thallium	205-1	0.43	0.43	0.45	0.44	1.95	ppb
Tin	118-1	1.88	1.92	1.96	1.92	2.15	ppb
Titanium	47-1	1628.04	1617.33	1635.70	1627.02	0.57	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-02	Instrumnet Name :	P7
Client Sample ID :	MYD4Q9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:20:51	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	1.02	1.02	1.01	1.45	ppb
Vanadium	51-2	189.74	187.15	187.55	188.15	0.74	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	560.43	557.89	561.63	559.98	0.34	ppb
Zirconium	90-1	9.01	9.23	9.44	9.23	2.34	ppb
Zirconium	91-1	9.26	9.23	9.31	9.27	0.45	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-03	Instrumnet Name :	P7
Client Sample ID :	MYD4R0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:23:59	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49972.92	50075.09	49767.03	49938.35	0.31	ppb
Antimony	121-1	2.73	2.76	2.85	2.78	2.21	ppb
Arsenic	75-2	202.64	201.47	200.99	201.70	0.42	ppb
Barium	135-1	348.25	350.26	357.91	352.14	1.45	ppb
Barium	137-1	346.96	350.37	357.32	351.55	1.50	ppb
Beryllium	9-1	1.72	1.59	1.65	1.66	3.75	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.82	2.90	3.32	3.35	13.67	ppb
Cadmium	106-1	3.59	3.63	3.86	3.69	3.86	ppb
Cadmium	111-1	3.02	3.19	3.14	3.12	2.81	ppb
Calcium	43-1	21319.18	21326.31	21495.07	21380.19	0.47	ppb
Calcium	44-1	19866.52	19985.09	20103.81	19985.14	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.44	51.34	51.53	51.44	0.19	ppb
Cobalt	59-2	43.46	43.82	43.45	43.58	0.49	ppb
Copper	63-2	241.58	243.64	243.15	242.79	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				103		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	113911.14	114470.33	115491.97	114624.48	0.70	ppb
Iron	57-2	113187.34	112737.98	112911.12	112945.48	0.20	ppb
Iron	54-2	112825.18	113997.22	113844.93	113555.78	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-03	Instrumnet Name :	P7
Client Sample ID :	MYD4R0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:23:59	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	165.68	166.36	168.61	166.88	0.92	ppb
Lead	207-1	174.17	174.80	176.61	175.19	0.73	ppb
Lead	208-1	179.30	178.27	180.35	179.30	0.58	ppb
Lithium	6-1				103		%
Magnesium	24-2	18074.65	18178.27	18258.13	18170.35	0.51	ppb
Manganese	55-2	2069.13	2095.94	2093.12	2086.06	0.71	ppb
Molybdenum	94-1	16.75	16.96	17.30	17.00	1.63	ppb
Molybdenum	95-1	1.23	1.29	1.29	1.27	2.76	ppb
Molybdenum	96-1	3.60	3.74	3.85	3.73	3.42	ppb
Molybdenum	97-1	1.24	1.25	1.21	1.23	1.98	ppb
Molybdenum	98-1	1.19	1.26	1.26	1.24	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.91	46.83	46.64	46.46	1.05	ppb
Phosphorus	31-2	2866.33	2909.00	2849.67	2875.00	1.06	ppb
Potassium	39-2	8785.99	8798.89	8883.49	8822.79	0.60	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	2.71	2.16	2.33	2.40	11.79	ppb
Selenium	77-2	14.88	17.75	10.63	14.42	24.85	ppb
Selenium	78-2	5.16	4.28	4.28	4.57	11.17	ppb
Silicon	28-1	1816.33	1810.16	1837.24	1821.24	0.78	ppb
Silver	107-1	1.12	1.17	1.20	1.16	3.26	ppb
Silver	109-1	1.09	1.16	1.18	1.14	4.21	ppb
Sodium	23-2	257.21	265.23	268.69	263.71	2.23	ppb
Strontium	86-1	93.55	95.50	95.83	94.96	1.30	ppb
Strontium	88-1	94.84	95.20	95.92	95.32	0.58	ppb
Sulfur	34-1	1205.56	1210.36	1181.48	1199.13	1.29	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.38	0.39	0.39	0.39	1.21	ppb
Thallium	205-1	0.38	0.37	0.38	0.38	2.42	ppb
Tin	118-1	2.50	2.57	2.61	2.56	2.17	ppb
Titanium	47-1	1754.93	1746.50	1745.36	1748.93	0.30	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-03	Instrumnet Name :	P7
Client Sample ID :	MYD4R0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:23:59	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.93	0.90	0.92	1.54	ppb
Vanadium	51-2	204.21	204.96	204.35	204.51	0.20	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	620.91	628.07	627.32	625.43	0.63	ppb
Zirconium	90-1	8.78	8.99	8.96	8.91	1.30	ppb
Zirconium	91-1	8.79	9.18	8.95	8.98	2.17	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-04	Instrumnet Name :	P7
Client Sample ID :	MYD4R1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:27:09	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29042.22	29492.22	29608.02	29380.82	1.02	ppb
Antimony	121-1	2.72	2.69	2.68	2.70	0.74	ppb
Arsenic	75-2	136.78	137.39	141.36	138.51	1.80	ppb
Barium	135-1	213.80	215.67	214.54	214.67	0.44	ppb
Barium	137-1	215.72	216.78	215.66	216.06	0.29	ppb
Beryllium	9-1	1.42	1.35	1.45	1.41	3.61	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.21	2.38	3.33	2.97	17.42	ppb
Cadmium	106-1	3.26	2.52	3.84	3.21	20.54	ppb
Cadmium	111-1	2.63	2.61	2.63	2.62	0.38	ppb
Calcium	43-1	11464.13	11610.94	11816.13	11630.40	1.52	ppb
Calcium	44-1	10866.45	10918.80	10992.84	10926.03	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.04	37.52	37.52	37.36	0.74	ppb
Cobalt	59-2	36.05	35.92	36.35	36.11	0.61	ppb
Copper	63-2	217.40	220.51	223.93	220.61	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				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	88528.11	89163.35	89400.26	89030.57	0.51	ppb
Iron	57-2	87130.46	87685.49	89104.72	87973.56	1.16	ppb
Iron	54-2	87582.02	88614.11	88772.02	88322.72	0.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-04	Instrumnet Name :	P7
Client Sample ID :	MYD4R1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:27:09	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	110.98	111.92	110.02	110.97	0.86	ppb
Lead	207-1	114.51	115.40	113.23	114.38	0.95	ppb
Lead	208-1	112.42	113.62	111.64	112.56	0.89	ppb
Lithium	6-1				101		%
Magnesium	24-2	11115.17	11249.32	11113.93	11159.47	0.70	ppb
Manganese	55-2	1556.82	1583.98	1592.06	1577.62	1.17	ppb
Molybdenum	94-1	17.46	17.43	17.64	17.51	0.63	ppb
Molybdenum	95-1	1.23	1.28	1.25	1.25	2.10	ppb
Molybdenum	96-1	3.55	3.75	3.72	3.67	2.97	ppb
Molybdenum	97-1	1.34	1.22	1.35	1.30	5.47	ppb
Molybdenum	98-1	1.29	1.25	1.30	1.28	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.84	33.14	32.47	32.81	1.02	ppb
Phosphorus	31-2	2347.20	2357.71	2358.05	2354.32	0.26	ppb
Potassium	39-2	6404.71	6517.55	6596.78	6506.35	1.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	1.13	1.41	0.97	1.17	18.98	ppb
Selenium	77-2	15.87	11.89	16.15	14.64	16.28	ppb
Selenium	78-2	3.13	2.85	3.82	3.27	15.37	ppb
Silicon	28-1	1348.36	1364.37	1382.86	1365.20	1.26	ppb
Silver	107-1	0.77	0.80	0.81	0.79	2.38	ppb
Silver	109-1	0.79	0.80	0.76	0.78	2.45	ppb
Sodium	23-2	222.15	230.75	231.03	227.98	2.21	ppb
Strontium	86-1	66.57	67.49	67.05	67.04	0.68	ppb
Strontium	88-1	66.54	66.86	67.50	66.97	0.73	ppb
Sulfur	34-1	-1115.91	-1058.59	-1032.46	-1068.99		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.30	0.31	0.31	0.31	2.16	ppb
Thallium	205-1	0.30	0.32	0.31	0.31	2.74	ppb
Tin	118-1	1.82	1.88	1.87	1.86	1.62	ppb
Titanium	47-1	1793.74	1789.83	1800.33	1794.64	0.30	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-04	Instrumnet Name :	P7
Client Sample ID :	MYD4R1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:27:09	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	1.02	0.98	1.00	2.09	ppb
Vanadium	51-2	158.36	160.57	162.25	160.39	1.22	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	387.26	393.93	395.47	392.22	1.11	ppb
Zirconium	90-1	9.15	9.22	9.44	9.27	1.65	ppb
Zirconium	91-1	9.12	9.35	9.25	9.24	1.24	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-05	Instrumnet Name :	P7
Client Sample ID :	MYD4R2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:30:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54187.92	55392.02	54467.31	54682.42	1.15	ppb
Antimony	121-1	2.03	2.02	2.02	2.02	0.34	ppb
Arsenic	75-2	181.44	183.67	183.11	182.74	0.64	ppb
Barium	135-1	328.04	319.35	330.17	325.85	1.76	ppb
Barium	137-1	329.34	324.06	330.41	327.94	1.04	ppb
Beryllium	9-1	1.56	1.69	1.81	1.69	7.33	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.11	2.88	3.24	3.08	5.93	ppb
Cadmium	106-1	3.79	4.67	4.41	4.29	10.58	ppb
Cadmium	111-1	2.55	2.52	2.56	2.54	0.97	ppb
Calcium	43-1	18611.12	18120.85	18815.33	18515.77	1.93	ppb
Calcium	44-1	17359.02	16979.79	17505.04	17281.28	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.68	53.60	53.55	53.61	0.12	ppb
Cobalt	59-2	43.69	43.47	43.02	43.39	0.79	ppb
Copper	63-2	191.59	191.95	191.25	191.60	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				103		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	122743.25	123156.36	122040.70	122646.77	0.46	ppb
Iron	57-2	119534.84	120107.30	120592.32	120078.15	0.44	ppb
Iron	54-2	122429.23	121601.72	120658.97	121563.31	0.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-05	Instrumnet Name :	P7
Client Sample ID :	MYD4R2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:30:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	132.58	132.42	134.22	133.07	0.75	ppb
Lead	207-1	139.67	137.21	138.66	138.51	0.89	ppb
Lead	208-1	142.96	134.43	136.45	137.95	3.23	ppb
Lithium	6-1				102		%
Magnesium	24-2	19328.99	19397.56	19208.42	19311.65	0.50	ppb
Manganese	55-2	2058.38	2083.51	2032.18	2058.02	1.25	ppb
Molybdenum	94-1	20.13	19.84	20.13	20.03	0.81	ppb
Molybdenum	95-1	1.19	1.17	1.25	1.20	3.36	ppb
Molybdenum	96-1	4.03	4.07	4.22	4.11	2.40	ppb
Molybdenum	97-1	1.19	1.21	1.20	1.20	0.85	ppb
Molybdenum	98-1	1.15	1.18	1.19	1.17	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.50	46.76	47.17	46.81	0.72	ppb
Phosphorus	31-2	2746.31	2741.74	2749.75	2745.93	0.15	ppb
Potassium	39-2	6422.51	6388.89	6382.09	6397.83	0.34	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	1.71	0.80	1.02	1.18	39.97	ppb
Selenium	77-2	16.45	18.91	10.61	15.33	27.80	ppb
Selenium	78-2	4.47	3.34	4.04	3.95	14.50	ppb
Silicon	28-1	1768.93	1737.00	1790.59	1765.51	1.53	ppb
Silver	107-1	0.77	0.75	0.80	0.77	2.72	ppb
Silver	109-1	0.79	0.77	0.79	0.79	1.55	ppb
Sodium	23-2	273.46	277.85	275.80	275.70	0.80	ppb
Strontium	86-1	81.59	80.53	83.80	81.97	2.03	ppb
Strontium	88-1	82.04	80.55	82.20	81.60	1.11	ppb
Sulfur	34-1	-1150.94	-1176.22	-1072.66	-1133.27		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.34	0.31	0.33	0.33	4.12	ppb
Thallium	205-1	0.33	0.34	0.36	0.34	3.93	ppb
Tin	118-1	2.15	2.09	2.12	2.12	1.45	ppb
Titanium	47-1	1827.26	1807.18	1890.64	1841.69	2.37	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-05	Instrumnet Name :	P7
Client Sample ID :	MYD4R2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:30:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.86	0.87	0.87	1.41	ppb
Vanadium	51-2	223.66	224.45	222.64	223.58	0.41	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	531.78	529.22	532.25	531.08	0.31	ppb
Zirconium	90-1	10.71	10.52	11.04	10.76	2.42	ppb
Zirconium	91-1	10.63	10.66	10.71	10.67	0.34	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-06	Instrumnet Name :	P7
Client Sample ID :	MYD4R3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:33:29	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66245.65	64135.41	64685.79	65022.28	1.68	ppb
Antimony	121-1	1.15	1.16	1.12	1.15	1.76	ppb
Arsenic	75-2	95.71	94.20	96.87	95.59	1.40	ppb
Barium	135-1	518.48	520.11	515.55	518.04	0.45	ppb
Barium	137-1	546.27	547.44	535.10	542.94	1.26	ppb
Beryllium	9-1	2.22	2.29	2.34	2.28	2.64	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.68	2.01	1.98	1.89	9.44	ppb
Cadmium	106-1	3.74	3.12	2.79	3.22	15.04	ppb
Cadmium	111-1	1.09	1.00	1.05	1.05	4.12	ppb
Calcium	43-1	21915.42	22135.50	22240.90	22097.27	0.75	ppb
Calcium	44-1	20360.94	20693.49	20857.15	20637.19	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.19	59.93	60.62	60.58	1.04	ppb
Cobalt	59-2	44.41	43.73	44.31	44.15	0.82	ppb
Copper	63-2	148.05	144.92	144.62	145.86	1.30	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				102		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	127419.48	125896.05	126190.06	126501.87	0.64	ppb
Iron	57-2	124422.37	124270.31	123306.90	123999.86	0.49	ppb
Iron	54-2	126740.20	125313.29	126125.77	126059.76	0.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-06	Instrumnet Name :	P7
Client Sample ID :	MYD4R3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:33:29	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	56.44	56.19	56.98	56.54	0.71	ppb
Lead	207-1	55.79	55.57	56.28	55.88	0.65	ppb
Lead	208-1	55.67	55.65	56.50	55.94	0.86	ppb
Lithium	6-1				99		%
Magnesium	24-2	21053.41	20616.12	20702.69	20790.74	1.11	ppb
Manganese	55-2	1976.54	1956.95	1979.26	1970.92	0.62	ppb
Molybdenum	94-1	20.69	20.35	20.61	20.55	0.85	ppb
Molybdenum	95-1	1.01	1.01	1.03	1.02	0.70	ppb
Molybdenum	96-1	3.86	3.94	4.00	3.93	1.80	ppb
Molybdenum	97-1	0.91	1.01	1.07	1.00	8.33	ppb
Molybdenum	98-1	0.95	1.02	0.96	0.98	3.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.67	53.62	53.80	54.03	1.04	ppb
Phosphorus	31-2	2584.47	2473.19	2542.84	2533.50	2.22	ppb
Potassium	39-2	5371.43	5307.28	5222.52	5300.41	1.41	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	1.59	0.82	0.88	1.10	39.00	ppb
Selenium	77-2	23.38	19.40	22.75	21.84	9.78	ppb
Selenium	78-2	3.59	3.72	5.10	4.14	20.19	ppb
Silicon	28-1	2033.35	2038.66	2066.93	2046.31	0.88	ppb
Silver	107-1	0.46	0.46	0.44	0.45	2.66	ppb
Silver	109-1	0.41	0.43	0.44	0.43	3.10	ppb
Sodium	23-2	238.17	235.47	236.60	236.75	0.57	ppb
Strontium	86-1	99.71	101.45	100.75	100.64	0.87	ppb
Strontium	88-1	102.26	101.73	101.94	101.97	0.26	ppb
Sulfur	34-1	-1100.92	-1009.00	-961.91	-1023.94		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.30	0.31	0.30	0.30	1.57	ppb
Thallium	205-1	0.29	0.30	0.30	0.29	1.26	ppb
Tin	118-1	1.94	1.92	1.84	1.90	2.74	ppb
Titanium	47-1	1126.11	1133.80	1139.54	1133.15	0.59	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-06	Instrumnet Name :	P7
Client Sample ID :	MYD4R3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:33:29	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.20	1.21	1.22	1.21	0.95	ppb
Vanadium	51-2	227.97	224.27	224.22	225.49	0.95	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	268.69	260.92	263.74	264.45	1.49	ppb
Zirconium	90-1	10.90	11.08	10.96	10.98	0.83	ppb
Zirconium	91-1	10.85	11.02	11.16	11.01	1.41	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-07	Instrumnet Name :	P7
Client Sample ID :	MYD4R4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:36:38	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49485.96	48931.84	49347.99	49255.26	0.59	ppb
Antimony	121-1	0.89	0.91	0.94	0.91	2.48	ppb
Arsenic	75-2	72.18	72.18	72.81	72.39	0.50	ppb
Barium	135-1	343.68	342.34	345.60	343.87	0.48	ppb
Barium	137-1	347.44	344.86	347.49	346.59	0.43	ppb
Beryllium	9-1	1.56	1.55	1.61	1.57	2.13	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.52	4.13	3.84	4.16	8.26	ppb
Cadmium	106-1	4.49	3.97	3.60	4.02	11.15	ppb
Cadmium	111-1	0.73	0.74	0.72	0.73	1.32	ppb
Calcium	43-1	52015.69	51590.93	51959.18	51855.26	0.44	ppb
Calcium	44-1	48437.29	47830.77	48177.98	48148.68	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.19	55.37	55.55	55.37	0.32	ppb
Cobalt	59-2	43.32	43.71	43.74	43.59	0.54	ppb
Copper	63-2	101.49	101.41	101.70	101.53	0.15	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				99		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	98495.21	99240.37	99779.14	99171.57	0.65	ppb
Iron	57-2	98313.19	96269.96	98805.14	97796.10	1.37	ppb
Iron	54-2	98548.08	99794.68	99828.92	99390.56	0.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-07	Instrumnet Name :	P7
Client Sample ID :	MYD4R4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:36:38	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.02	35.01	34.80	34.61	1.50	ppb
Lead	207-1	33.41	34.42	34.26	34.03	1.60	ppb
Lead	208-1	33.48	34.41	34.13	34.01	1.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	23155.58	22625.07	23327.28	23035.98	1.59	ppb
Manganese	55-2	2303.62	2273.62	2309.13	2295.46	0.83	ppb
Molybdenum	94-1	16.35	16.81	16.98	16.71	1.95	ppb
Molybdenum	95-1	0.97	0.99	1.02	0.99	2.82	ppb
Molybdenum	96-1	3.41	3.40	3.41	3.41	0.22	ppb
Molybdenum	97-1	1.01	1.01	1.09	1.04	3.98	ppb
Molybdenum	98-1	0.97	1.01	1.01	1.00	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.88	51.53	52.47	51.96	0.92	ppb
Phosphorus	31-2	3167.97	3106.35	3124.68	3133.00	1.01	ppb
Potassium	39-2	6421.32	6378.78	6534.41	6444.83	1.25	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.62	0.54	0.55	0.57	7.79	ppb
Selenium	77-2	18.49	20.11	17.84	18.81	6.20	ppb
Selenium	78-2	4.43	2.09	3.35	3.29	35.59	ppb
Silicon	28-1	2059.93	2049.27	2042.25	2050.49	0.43	ppb
Silver	107-1	0.20	0.20	0.20	0.20	1.76	ppb
Silver	109-1	0.21	0.21	0.21	0.21	1.75	ppb
Sodium	23-2	272.42	271.25	281.31	274.99	2.00	ppb
Strontium	86-1	86.04	87.77	88.72	87.51	1.55	ppb
Strontium	88-1	86.16	88.00	87.98	87.38	1.21	ppb
Sulfur	34-1	-249.65	-246.15	-134.97	-210.26		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.28	0.31	0.30	0.30	4.74	ppb
Thallium	205-1	0.29	0.29	0.29	0.29	0.59	ppb
Tin	118-1	1.55	1.62	1.63	1.60	2.85	ppb
Titanium	47-1	881.83	878.12	884.66	881.54	0.37	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-07	Instrumnet Name :	P7
Client Sample ID :	MYD4R4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:36:38	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.81	0.81	0.80	1.21	ppb
Vanadium	51-2	156.60	157.69	158.02	157.44	0.47	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	257.76	257.18	259.60	258.18	0.49	ppb
Zirconium	90-1	8.75	9.06	9.17	9.00	2.41	ppb
Zirconium	91-1	8.82	9.11	9.12	9.02	1.93	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-08	Instrumnet Name :	P7
Client Sample ID :	MYD4R5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:39:51	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49204.95	49506.81	49292.73	49334.83	0.31	ppb
Antimony	121-1	0.81	0.81	0.84	0.82	2.10	ppb
Arsenic	75-2	67.04	67.93	65.05	66.67	2.21	ppb
Barium	135-1	305.78	305.92	311.92	307.87	1.14	ppb
Barium	137-1	308.92	307.11	313.74	309.92	1.11	ppb
Beryllium	9-1	1.56	1.58	1.59	1.58	1.04	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.41	1.42	1.50	1.44	3.52	ppb
Cadmium	106-1	3.69	3.37	2.88	3.31	12.26	ppb
Cadmium	111-1	0.72	0.61	0.60	0.64	10.08	ppb
Calcium	43-1	70755.73	72237.74	73836.20	72276.56	2.13	ppb
Calcium	44-1	71436.16	71569.87	72780.61	71928.88	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.06	58.58	58.59	58.41	0.52	ppb
Cobalt	59-2	48.88	48.88	48.25	48.67	0.75	ppb
Copper	63-2	99.43	100.85	99.86	100.04	0.73	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				99		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	103020.50	104141.48	102436.48	103199.49	0.84	ppb
Iron	57-2	101993.36	101222.77	100584.36	101266.83	0.70	ppb
Iron	54-2	103254.96	103817.40	101565.35	102879.23	1.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-08	Instrumnet Name :	P7
Client Sample ID :	MYD4R5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:39:51	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.37	29.32	29.94	29.54	1.18	ppb
Lead	207-1	28.76	28.39	29.26	28.80	1.52	ppb
Lead	208-1	28.79	28.56	29.34	28.89	1.38	ppb
Lithium	6-1				97		%
Magnesium	24-2	23489.66	23495.53	23353.02	23446.07	0.34	ppb
Manganese	55-2	2101.27	2105.96	2078.69	2095.31	0.70	ppb
Molybdenum	94-1	20.22	20.49	20.58	20.43	0.93	ppb
Molybdenum	95-1	0.91	0.96	0.92	0.93	2.62	ppb
Molybdenum	96-1	3.82	3.74	3.77	3.78	1.03	ppb
Molybdenum	97-1	1.02	0.95	0.94	0.97	4.78	ppb
Molybdenum	98-1	0.85	0.93	0.91	0.90	4.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.47	56.11	54.99	55.86	1.38	ppb
Phosphorus	31-2	2776.72	2834.43	2667.72	2759.62	3.07	ppb
Potassium	39-2	5500.21	5501.96	5538.80	5513.66	0.40	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.79	0.67	1.12	0.86	27.35	ppb
Selenium	77-2	9.86	18.59	17.77	15.41	31.30	ppb
Selenium	78-2	2.94	2.78	4.81	3.51	32.10	ppb
Silicon	28-1	1999.83	2040.92	2069.66	2036.80	1.72	ppb
Silver	107-1	0.14	0.15	0.13	0.14	5.16	ppb
Silver	109-1	0.13	0.12	0.11	0.12	7.13	ppb
Sodium	23-2	245.08	245.49	245.76	245.45	0.14	ppb
Strontium	86-1	86.31	88.08	88.20	87.53	1.21	ppb
Strontium	88-1	87.03	87.40	88.66	87.70	0.98	ppb
Sulfur	34-1	-211.69	-106.94	38.89	-93.25		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.28	0.28	0.29	0.28	1.63	ppb
Thallium	205-1	0.27	0.26	0.29	0.27	5.01	ppb
Tin	118-1	1.67	1.65	1.63	1.65	1.16	ppb
Titanium	47-1	1018.99	1038.12	1053.41	1036.84	1.66	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-08	Instrumnet Name :	P7
Client Sample ID :	MYD4R5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:39:51	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.83	0.86	0.85	2.09	ppb
Vanadium	51-2	168.09	167.74	168.02	167.95	0.11	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	225.21	226.40	224.02	225.21	0.53	ppb
Zirconium	90-1	10.94	11.15	11.16	11.09	1.13	ppb
Zirconium	91-1	10.68	11.00	11.04	10.91	1.82	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-09	Instrumnet Name :	P7
Client Sample ID :	MYD4R6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:43:01	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47497.64	48117.12	47350.35	47655.04	0.85	ppb
Antimony	121-1	2.24	2.26	2.26	2.25	0.50	ppb
Arsenic	75-2	131.61	133.39	134.11	133.04	0.97	ppb
Barium	135-1	372.34	373.71	379.79	375.28	1.06	ppb
Barium	137-1	377.39	375.69	381.19	378.09	0.74	ppb
Beryllium	9-1	1.71	1.71	1.71	1.71	0.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.62	2.49	2.57	2.56	2.62	ppb
Cadmium	106-1	3.50	2.07	2.94	2.83	25.39	ppb
Cadmium	111-1	1.61	1.49	1.58	1.56	4.04	ppb
Calcium	43-1	16985.02	17434.04	17542.46	17320.51	1.71	ppb
Calcium	44-1	15909.18	16173.53	16250.71	16111.14	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.78	61.57	61.51	61.29	0.72	ppb
Cobalt	59-2	48.53	48.54	48.41	48.49	0.15	ppb
Copper	63-2	142.77	144.06	144.37	143.74	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				101		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	127831.24	127294.66	127027.05	127384.31	0.32	ppb
Iron	57-2	123725.02	125962.10	126761.15	125482.75	1.25	ppb
Iron	54-2	127553.56	127038.25	125792.67	126794.83	0.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-09	Instrumnet Name :	P7
Client Sample ID :	MYD4R6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:43:01	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.32	81.94	82.80	82.35	0.52	ppb
Lead	207-1	83.56	85.34	84.02	84.31	1.09	ppb
Lead	208-1	82.30	83.18	82.94	82.81	0.55	ppb
Lithium	6-1				97		%
Magnesium	24-2	15934.46	16109.45	15903.08	15982.33	0.70	ppb
Manganese	55-2	1879.52	1896.80	1863.90	1880.08	0.88	ppb
Molybdenum	94-1	21.49	21.46	21.99	21.65	1.37	ppb
Molybdenum	95-1	1.40	1.38	1.45	1.41	2.78	ppb
Molybdenum	96-1	4.39	4.65	4.53	4.52	2.81	ppb
Molybdenum	97-1	1.35	1.48	1.40	1.41	4.66	ppb
Molybdenum	98-1	1.42	1.37	1.39	1.39	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.47	47.40	48.03	47.63	0.73	ppb
Phosphorus	31-2	2822.17	2846.76	2854.35	2841.09	0.59	ppb
Potassium	39-2	6183.43	6133.11	6123.75	6146.77	0.52	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.82	1.40	1.27	1.16	26.25	ppb
Selenium	77-2	13.39	14.20	19.34	15.64	20.64	ppb
Selenium	78-2	7.17	3.45	5.38	5.33	34.91	ppb
Silicon	28-1	1507.53	1549.65	1570.56	1542.58	2.08	ppb
Silver	107-1	0.45	0.47	0.48	0.47	2.79	ppb
Silver	109-1	0.44	0.47	0.48	0.46	4.25	ppb
Sodium	23-2	261.95	267.34	267.73	265.67	1.22	ppb
Strontium	86-1	86.98	87.84	89.83	88.22	1.65	ppb
Strontium	88-1	87.79	87.80	89.15	88.25	0.89	ppb
Sulfur	34-1	-946.14	-994.41	-934.85	-958.47		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.27	0.29	0.28	0.28	3.53	ppb
Thallium	205-1	0.27	0.29	0.28	0.28	2.55	ppb
Tin	118-1	1.93	1.87	1.85	1.88	2.29	ppb
Titanium	47-1	1988.17	2042.10	2036.00	2022.09	1.46	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-09	Instrumnet Name :	P7
Client Sample ID :	MYD4R6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:43:01	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.14	1.14	1.14	0.95	ppb
Vanadium	51-2	272.97	274.70	274.15	273.94	0.32	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	364.76	371.81	369.94	368.84	0.99	ppb
Zirconium	90-1	11.36	11.49	11.56	11.47	0.86	ppb
Zirconium	91-1	11.37	11.70	11.81	11.63	1.96	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:46:11	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39962.38	39783.20	39850.66	39865.41	0.23	ppb
Antimony	121-1	2.92	2.99	2.99	2.97	1.43	ppb
Arsenic	75-2	240.69	237.00	241.00	239.56	0.93	ppb
Barium	135-1	297.78	300.18	298.28	298.75	0.42	ppb
Barium	137-1	296.57	301.18	302.40	300.05	1.02	ppb
Beryllium	9-1	1.44	1.52	1.39	1.45	4.78	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.96	3.18	3.04	3.06	3.62	ppb
Cadmium	106-1	3.32	3.00	2.32	2.88	17.77	ppb
Cadmium	111-1	2.32	2.52	2.25	2.36	5.88	ppb
Calcium	43-1	15055.20	15225.79	15478.95	15253.32	1.40	ppb
Calcium	44-1	13965.70	14115.05	14538.46	14206.40	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.23	44.74	44.97	44.98	0.54	ppb
Cobalt	59-2	35.73	35.37	35.84	35.64	0.68	ppb
Copper	63-2	171.26	171.10	174.71	172.36	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				100		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	108362.01	107134.42	109892.78	108463.07	1.27	ppb
Iron	57-2	107096.03	105975.07	107127.76	106732.95	0.62	ppb
Iron	54-2	108223.17	106865.27	108147.36	107745.27	0.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:46:11	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	169.14	170.28	168.88	169.43	0.44	ppb
Lead	207-1	177.58	177.98	178.31	177.96	0.20	ppb
Lead	208-1	182.14	182.75	181.30	182.06	0.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	14701.53	14636.61	14687.69	14675.27	0.23	ppb
Manganese	55-2	1567.07	1550.38	1565.76	1561.07	0.59	ppb
Molybdenum	94-1	17.19	17.30	17.65	17.38	1.39	ppb
Molybdenum	95-1	1.30	1.33	1.31	1.31	1.34	ppb
Molybdenum	96-1	3.82	3.80	3.79	3.81	0.38	ppb
Molybdenum	97-1	1.24	1.26	1.33	1.28	3.62	ppb
Molybdenum	98-1	1.30	1.27	1.29	1.29	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.94	38.37	39.14	38.81	1.03	ppb
Phosphorus	31-2	2890.27	2831.56	2870.86	2864.23	1.04	ppb
Potassium	39-2	6596.82	6505.58	6563.59	6555.33	0.70	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	1.95	1.99	1.29	1.74	22.35	ppb
Selenium	77-2	18.32	16.99	15.61	16.98	7.98	ppb
Selenium	78-2	2.45	5.11	5.53	4.37	38.25	ppb
Silicon	28-1	1620.45	1631.20	1656.10	1635.92	1.12	ppb
Silver	107-1	1.03	1.01	1.00	1.01	1.15	ppb
Silver	109-1	0.95	0.97	1.01	0.98	3.30	ppb
Sodium	23-2	252.65	253.53	260.38	255.52	1.66	ppb
Strontium	86-1	70.93	71.32	72.14	71.47	0.86	ppb
Strontium	88-1	71.52	72.01	72.52	72.02	0.70	ppb
Sulfur	34-1	-666.94	-693.23	-588.55	-649.57		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.29	0.27	0.29	0.28	3.27	ppb
Thallium	205-1	0.29	0.28	0.29	0.29	1.23	ppb
Tin	118-1	2.08	2.05	2.07	2.06	0.72	ppb
Titanium	47-1	1589.35	1624.77	1625.11	1613.08	1.27	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:46:11	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.94	0.92	0.93	1.26	ppb
Vanadium	51-2	197.17	197.30	198.52	197.66	0.38	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	629.24	625.49	630.99	628.57	0.45	ppb
Zirconium	90-1	9.11	9.08	9.22	9.13	0.80	ppb
Zirconium	91-1	8.99	9.08	9.14	9.07	0.87	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-11	Instrumnet Name :	P7
Client Sample ID :	MYD4R7D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:49:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40109.53	39585.14	39352.64	39682.44	0.98	ppb
Antimony	121-1	3.06	3.05	3.15	3.09	1.69	ppb
Arsenic	75-2	238.48	236.40	240.35	238.41	0.83	ppb
Barium	135-1	296.18	303.04	306.75	301.99	1.78	ppb
Barium	137-1	299.28	302.98	304.94	302.40	0.95	ppb
Beryllium	9-1	1.51	1.64	1.42	1.52	6.95	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.79	3.14	3.18	3.04	7.06	ppb
Cadmium	106-1	5.05	3.96	3.83	4.28	15.60	ppb
Cadmium	111-1	2.45	2.48	2.47	2.47	0.71	ppb
Calcium	43-1	15031.48	15138.74	15247.86	15139.36	0.71	ppb
Calcium	44-1	13998.65	14227.03	14151.79	14125.82	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.70	45.80	45.29	45.59	0.60	ppb
Cobalt	59-2	36.07	36.36	36.60	36.34	0.73	ppb
Copper	63-2	173.93	173.35	176.33	174.54	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				100		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	107714.92	107839.97	108619.30	108058.06	0.45	ppb
Iron	57-2	105900.74	106980.30	105858.45	106246.50	0.60	ppb
Iron	54-2	107606.38	107311.26	106907.65	107275.09	0.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-11	Instrumnet Name :	P7
Client Sample ID :	MYD4R7D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:49:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	168.10	170.24	168.56	168.97	0.67	ppb
Lead	207-1	177.66	178.26	177.07	177.66	0.33	ppb
Lead	208-1	180.90	182.49	181.23	181.54	0.46	ppb
Lithium	6-1				96		%
Magnesium	24-2	14647.46	14793.54	14549.16	14663.38	0.84	ppb
Manganese	55-2	1569.49	1575.33	1582.90	1575.91	0.43	ppb
Molybdenum	94-1	17.11	16.71	17.37	17.06	1.96	ppb
Molybdenum	95-1	1.30	1.32	1.31	1.31	0.84	ppb
Molybdenum	96-1	3.67	3.74	3.71	3.70	0.91	ppb
Molybdenum	97-1	1.30	1.29	1.26	1.28	1.63	ppb
Molybdenum	98-1	1.27	1.30	1.33	1.30	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.99	39.23	38.97	39.06	0.37	ppb
Phosphorus	31-2	2822.23	2797.42	2794.29	2804.64	0.55	ppb
Potassium	39-2	6729.95	6549.56	6486.81	6588.77	1.92	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	1.93	0.98	1.82	1.58	33.06	ppb
Selenium	77-2	13.68	10.59	11.56	11.94	13.21	ppb
Selenium	78-2	5.39	4.45	4.05	4.63	14.91	ppb
Silicon	28-1	1633.67	1634.79	1654.25	1640.90	0.71	ppb
Silver	107-1	0.99	0.98	1.00	0.99	1.44	ppb
Silver	109-1	0.98	0.95	0.98	0.97	1.84	ppb
Sodium	23-2	258.95	260.61	262.42	260.66	0.67	ppb
Strontium	86-1	71.16	70.84	72.20	71.40	1.00	ppb
Strontium	88-1	70.83	71.37	72.60	71.60	1.26	ppb
Sulfur	34-1	-623.49	-693.44	-640.88	-652.60		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.28	0.28	0.28	0.28	1.34	ppb
Thallium	205-1	0.28	0.28	0.28	0.28	0.56	ppb
Tin	118-1	2.06	2.02	2.06	2.04	1.01	ppb
Titanium	47-1	1554.20	1569.31	1582.57	1568.69	0.90	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-11	Instrumnet Name :	P7
Client Sample ID :	MYD4R7D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:49:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.92	0.92	0.91	1.62	ppb
Vanadium	51-2	197.19	197.41	197.84	197.48	0.17	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	636.35	635.49	632.21	634.69	0.34	ppb
Zirconium	90-1	8.97	9.05	9.23	9.08	1.47	ppb
Zirconium	91-1	9.03	9.04	9.18	9.08	0.94	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4R7L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 17:52:29	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8200.95	8110.12	8096.21	8135.76	0.70	ppb
Antimony	121-1	0.59	0.56	0.59	0.58	2.46	ppb
Arsenic	75-2	47.91	48.85	46.70	47.82	2.25	ppb
Barium	135-1	58.42	54.63	58.48	57.18	3.86	ppb
Barium	137-1	58.25	56.75	58.92	57.98	1.92	ppb
Beryllium	9-1	0.28	0.25	0.25	0.26	6.60	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.87	0.50	0.62	0.66	28.85	ppb
Cadmium	106-1	1.72	-1.37	0.09	0.15	1040.26	ppb
Cadmium	111-1	0.55	0.25	0.44	0.42	36.24	ppb
Calcium	43-1	2987.99	3039.65	3038.65	3022.09	0.98	ppb
Calcium	44-1	3030.99	3032.25	3061.78	3041.67	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.91	9.13	8.98	9.00	1.24	ppb
Cobalt	59-2	7.32	7.21	7.23	7.25	0.82	ppb
Copper	63-2	34.48	35.19	34.46	34.71	1.19	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				97		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	21585.26	21536.07	21485.57	21535.63	0.23	ppb
Iron	57-2	22554.21	22625.24	22545.80	22575.08	0.19	ppb
Iron	54-2	21618.83	21521.23	21825.27	21655.11	0.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4R7L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 17:52:29	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.76	32.17	32.40	32.11	1.01	ppb
Lead	207-1	33.41	34.87	34.00	34.09	2.15	ppb
Lead	208-1	33.19	33.27	33.73	33.39	0.87	ppb
Lithium	6-1				96		%
Magnesium	24-2	3005.47	2980.45	2974.54	2986.82	0.55	ppb
Manganese	55-2	320.70	319.58	317.08	319.12	0.58	ppb
Molybdenum	94-1	3.34	3.37	3.45	3.39	1.55	ppb
Molybdenum	95-1	0.23	0.24	0.22	0.23	3.71	ppb
Molybdenum	96-1	0.72	0.75	0.77	0.75	3.41	ppb
Molybdenum	97-1	0.24	0.24	0.28	0.25	8.38	ppb
Molybdenum	98-1	0.26	0.25	0.22	0.24	9.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.65	7.71	7.87	7.75	1.48	ppb
Phosphorus	31-2	560.60	522.36	571.05	551.34	4.65	ppb
Potassium	39-2	1378.87	1391.95	1380.53	1383.78	0.51	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	82-1	-0.12	-0.34	0.44	-0.01		ppb
Selenium	77-2	1.61	2.83	1.61	2.01	34.96	ppb
Selenium	78-2	1.92	0.86	0.83	1.20	51.64	ppb
Silicon	28-1	321.25	328.56	325.69	325.17	1.13	ppb
Silver	107-1	0.19	0.18	0.18	0.18	2.61	ppb
Silver	109-1	0.18	0.19	0.20	0.19	5.10	ppb
Sodium	23-2	66.97	66.25	66.79	66.67	0.57	ppb
Strontium	86-1	14.10	14.58	14.22	14.30	1.73	ppb
Strontium	88-1	14.52	14.36	14.76	14.55	1.39	ppb
Sulfur	34-1	-980.38	-934.51	-979.93	-964.94		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.04	0.05	0.04	12.77	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	11.25	ppb
Tin	118-1	0.52	0.40	0.38	0.43	16.89	ppb
Titanium	47-1	319.69	327.58	324.90	324.06	1.24	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4R7L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 17:52:29	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.16	0.18	0.17	3.83	ppb
Vanadium	51-2	38.93	39.43	39.38	39.25	0.69	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	128.00	126.88	126.75	127.21	0.54	ppb
Zirconium	90-1	1.76	1.79	1.85	1.80	2.45	ppb
Zirconium	91-1	1.77	1.79	1.80	1.79	0.68	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:55:43	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40618.60	46414.26	48583.07	45205.31	9.11	ppb
Antimony	121-1	64.88	63.87	63.38	64.04	1.20	ppb
Arsenic	75-2	260.70	299.71	309.48	289.96	8.90	ppb
Barium	135-1	1551.97	1532.26	1482.47	1522.23	2.35	ppb
Barium	137-1	1537.33	1526.57	1455.96	1506.62	2.93	ppb
Beryllium	9-1	32.86	32.35	32.82	32.67	0.87	ppb
Bismuth	209-1				98		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.47	32.06	30.85	31.46	1.92	ppb
Cadmium	106-1	31.12	29.98	29.45	30.18	2.84	ppb
Cadmium	111-1	34.11	32.88	32.61	33.20	2.42	ppb
Calcium	43-1	15385.29	15258.17	14889.67	15177.71	1.70	ppb
Calcium	44-1	14210.53	14296.78	13713.38	14073.56	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	167.54	191.20	202.78	187.17	9.60	ppb
Cobalt	59-2	337.93	383.50	412.84	378.09	9.98	ppb
Copper	63-2	316.93	363.43	387.19	355.85	10.04	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				99		%
Holmium	165-2				89		%
Indium	115-1				94		%
Indium	115-2				84		%
Iron	56-2	109792.66	123783.67	132163.75	121913.36	9.27	ppb
Iron	57-2	106319.75	122551.59	130123.67	119665.00	10.16	ppb
Iron	54-2	108537.50	123432.40	131997.76	121322.55	9.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:55:43	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	181.69	182.31	178.52	180.84	1.12	ppb
Lead	207-1	191.13	190.76	185.39	189.10	1.70	ppb
Lead	208-1	195.31	195.87	189.21	193.46	1.91	ppb
Lithium	6-1				95		%
Magnesium	24-2	14675.37	16574.36	17798.85	16349.53	9.63	ppb
Manganese	55-2	1886.09	2138.22	2294.90	2106.40	9.79	ppb
Molybdenum	94-1	16.85	16.84	17.03	16.91	0.64	ppb
Molybdenum	95-1	1.33	1.33	1.38	1.35	1.97	ppb
Molybdenum	96-1	3.82	3.87	3.84	3.85	0.57	ppb
Molybdenum	97-1	1.39	1.36	1.37	1.37	1.16	ppb
Molybdenum	98-1	1.36	1.31	1.38	1.35	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	343.35	391.29	417.58	384.07	9.80	ppb
Phosphorus	31-2	2871.21	3273.76	3463.23	3202.73	9.44	ppb
Potassium	39-2	6533.11	7476.96	8018.60	7342.89	10.24	ppb
Rhodium	103-1				92		%
Rhodium	103-2				83		%
Scandium	45-1				93		%
Scandium	45-2				84		%
Selenium	82-1	65.27	65.41	66.64	65.77	1.15	ppb
Selenium	77-2	83.16	89.85	93.19	88.73	5.75	ppb
Selenium	78-2	69.41	76.26	83.19	76.29	9.04	ppb
Silicon	28-1	1379.38	1375.44	1351.04	1368.62	1.12	ppb
Silver	107-1	32.95	32.21	31.93	32.36	1.63	ppb
Silver	109-1	32.78	32.61	31.93	32.44	1.39	ppb
Sodium	23-2	236.47	274.39	295.89	268.92	11.19	ppb
Strontium	86-1	71.48	71.60	71.64	71.58	0.12	ppb
Strontium	88-1	72.50	71.47	71.47	71.81	0.83	ppb
Sulfur	34-1	-596.74	-730.47	-809.34	-712.18		ppb
Terbium	159-1				99		%
Terbium	159-2				89		%
Thallium	203-1	27.46	27.51	26.73	27.23	1.60	ppb
Thallium	205-1	27.14	27.10	26.35	26.86	1.66	ppb
Tin	118-1	2.20	2.33	2.16	2.23	3.85	ppb
Titanium	47-1	1593.24	1537.83	1500.20	1543.76	3.03	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:55:43	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.92	0.91	0.92	0.73	ppb
Vanadium	51-2	493.82	563.36	605.44	554.20	10.17	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	929.27	1064.95	1129.49	1041.24	9.81	ppb
Zirconium	90-1	9.05	8.97	8.81	8.94	1.36	ppb
Zirconium	91-1	8.96	8.70	9.13	8.93	2.42	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10MS	Instrumnet Name :	P7
Client Sample ID :	MYD4R7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:58:51	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44134.30	44438.79	37952.41	42175.17	8.68	ppb
Antimony	121-1	305.80	303.31	303.94	304.35	0.43	ppb
Arsenic	75-2	345.88	348.10	295.41	329.79	9.04	ppb
Barium	135-1	6008.09	6020.29	6019.55	6015.98	0.11	ppb
Barium	137-1	6030.81	5949.46	6015.25	5998.51	0.72	ppb
Beryllium	9-1	145.37	151.46	148.74	148.52	2.05	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	137.75	139.00	137.95	138.23	0.49	ppb
Cadmium	106-1	133.49	131.48	129.45	131.47	1.54	ppb
Cadmium	111-1	153.57	152.06	153.09	152.91	0.50	ppb
Calcium	43-1	14865.57	14890.49	15100.90	14952.32	0.86	ppb
Calcium	44-1	13807.91	13837.04	13974.99	13873.31	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	622.66	623.05	534.62	593.45	8.58	ppb
Cobalt	59-2	1466.37	1472.27	1265.76	1401.47	8.39	ppb
Copper	63-2	853.33	856.26	747.70	819.10	7.55	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				98		%
Holmium	165-2				102		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	108576.41	110292.73	94469.17	104446.10	8.31	ppb
Iron	57-2	107225.57	108208.76	92655.26	102696.53	8.48	ppb
Iron	54-2	109555.10	110128.80	94045.97	104576.62	8.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10MS	Instrumnet Name :	P7
Client Sample ID :	MYD4R7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:58:51	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	218.44	220.93	219.45	219.61	0.57	ppb
Lead	207-1	225.82	226.57	228.59	227.00	0.63	ppb
Lead	208-1	234.22	235.68	234.52	234.81	0.33	ppb
Lithium	6-1				95		%
Magnesium	24-2	14363.93	14419.26	12425.27	13736.16	8.27	ppb
Manganese	55-2	2913.28	2925.23	2522.72	2787.08	8.22	ppb
Molybdenum	94-1	16.37	16.63	16.82	16.61	1.35	ppb
Molybdenum	95-1	1.33	1.32	1.35	1.33	1.32	ppb
Molybdenum	96-1	3.76	3.85	3.78	3.80	1.32	ppb
Molybdenum	97-1	1.43	1.33	1.33	1.36	4.49	ppb
Molybdenum	98-1	1.39	1.32	1.35	1.36	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1491.91	1495.40	1286.72	1424.67	8.39	ppb
Phosphorus	31-2	2776.14	2763.23	2450.16	2663.18	6.93	ppb
Potassium	39-2	6434.12	6514.83	5668.83	6205.93	7.52	ppb
Rhodium	103-1				90		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	82-1	317.57	321.55	320.46	319.86	0.64	ppb
Selenium	77-2	322.09	327.33	279.92	309.78	8.39	ppb
Selenium	78-2	315.15	312.35	271.77	299.75	8.10	ppb
Silicon	28-1	1355.48	1364.25	1382.99	1367.57	1.03	ppb
Silver	107-1	107.54	113.33	112.77	111.21	2.87	ppb
Silver	109-1	122.21	124.00	129.09	125.10	2.85	ppb
Sodium	23-2	242.23	244.04	208.76	231.67	8.57	ppb
Strontium	86-1	70.40	70.07	70.44	70.30	0.29	ppb
Strontium	88-1	70.78	70.38	71.04	70.73	0.47	ppb
Sulfur	34-1	-649.89	-791.40	-679.07	-706.78		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	134.57	134.15	133.64	134.12	0.35	ppb
Thallium	205-1	145.07	146.90	146.98	146.31	0.74	ppb
Tin	118-1	1.94	2.01	1.96	1.97	1.69	ppb
Titanium	47-1	1557.29	1554.90	1567.84	1560.01	0.44	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10MS	Instrumnet Name :	P7
Client Sample ID :	MYD4R7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:58:51	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.88	0.92	0.89	2.35	ppb
Vanadium	51-2	1571.35	1568.31	1348.14	1495.94	8.56	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	2028.05	2060.31	1764.90	1951.09	8.31	ppb
Zirconium	90-1	8.64	8.76	8.84	8.75	1.17	ppb
Zirconium	91-1	8.78	8.98	8.80	8.85	1.23	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-13	Instrumnet Name :	P7
Client Sample ID :	MYD4R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:01:51	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42811.31	43251.98	42590.93	42884.74	0.78	ppb
Antimony	121-1	2.77	2.79	2.79	2.79	0.40	ppb
Arsenic	75-2	170.17	171.13	169.22	170.18	0.56	ppb
Barium	135-1	324.44	329.33	330.23	328.00	0.95	ppb
Barium	137-1	326.56	329.96	331.29	329.27	0.74	ppb
Beryllium	9-1	1.74	1.54	1.70	1.66	6.38	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.91	3.37	2.90	3.06	8.78	ppb
Cadmium	106-1	3.71	2.56	3.77	3.35	20.43	ppb
Cadmium	111-1	2.20	2.04	2.23	2.16	4.58	ppb
Calcium	43-1	17541.93	17650.46	17652.64	17615.01	0.36	ppb
Calcium	44-1	16454.60	16282.59	16402.14	16379.78	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.19	59.21	58.19	58.86	1.00	ppb
Cobalt	59-2	43.57	43.25	42.54	43.12	1.22	ppb
Copper	63-2	175.76	174.26	172.51	174.17	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				99		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	128300.46	127091.12	124796.12	126729.23	1.40	ppb
Iron	57-2	125989.66	126936.78	124448.19	125791.54	1.00	ppb
Iron	54-2	125825.93	126179.78	124245.57	125417.09	0.82	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-13	Instrumnet Name :	P7
Client Sample ID :	MYD4R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:01:51	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	112.23	113.96	114.90	113.70	1.19	ppb
Lead	207-1	115.53	117.39	117.64	116.85	0.99	ppb
Lead	208-1	113.69	114.99	115.81	114.83	0.93	ppb
Lithium	6-1				93		%
Magnesium	24-2	15778.29	15618.55	15414.24	15603.69	1.17	ppb
Manganese	55-2	1686.61	1673.94	1673.07	1677.87	0.45	ppb
Molybdenum	94-1	21.86	21.81	22.52	22.06	1.78	ppb
Molybdenum	95-1	1.58	1.55	1.56	1.57	1.01	ppb
Molybdenum	96-1	4.66	4.67	4.67	4.67	0.19	ppb
Molybdenum	97-1	1.58	1.51	1.65	1.58	4.34	ppb
Molybdenum	98-1	1.56	1.55	1.57	1.56	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.65	45.63	45.39	45.89	1.47	ppb
Phosphorus	31-2	3060.49	3022.62	2951.06	3011.39	1.85	ppb
Potassium	39-2	6686.70	6620.59	6493.30	6600.20	1.49	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	82-1	1.09	1.12	2.08	1.43	39.55	ppb
Selenium	77-2	11.89	12.58	14.06	12.84	8.67	ppb
Selenium	78-2	4.23	2.93	4.27	3.81	19.99	ppb
Silicon	28-1	1687.67	1702.58	1691.31	1693.86	0.46	ppb
Silver	107-1	0.78	0.70	0.71	0.73	5.68	ppb
Silver	109-1	0.75	0.68	0.71	0.71	5.07	ppb
Sodium	23-2	250.50	249.02	247.20	248.91	0.66	ppb
Strontium	86-1	83.21	83.38	84.01	83.53	0.50	ppb
Strontium	88-1	82.86	82.67	84.77	83.43	1.40	ppb
Sulfur	34-1	-564.62	-608.54	-572.10	-581.75		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.32	0.29	0.30	0.30	4.68	ppb
Thallium	205-1	0.30	0.29	0.30	0.30	2.94	ppb
Tin	118-1	2.16	2.01	2.04	2.07	3.85	ppb
Titanium	47-1	2007.18	1981.74	2000.82	1996.58	0.66	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-13	Instrumnet Name :	P7
Client Sample ID :	MYD4R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:01:51	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.06	1.06	1.05	1.47	ppb
Vanadium	51-2	254.23	253.95	250.45	252.88	0.83	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	478.32	471.33	467.27	472.31	1.18	ppb
Zirconium	90-1	11.50	11.59	11.82	11.64	1.43	ppb
Zirconium	91-1	11.50	11.58	12.05	11.71	2.53	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:05:01	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49359.59	49192.10	48888.53	49146.74	0.49	ppb
Antimony	121-1	510.20	495.90	508.60	504.90	1.55	ppb
Arsenic	75-2	506.66	504.71	495.32	502.23	1.21	ppb
Barium	135-1	2596.48	2519.28	2554.56	2556.78	1.51	ppb
Barium	137-1	2585.80	2498.52	2561.30	2548.54	1.77	ppb
Beryllium	9-1	521.65	513.07	528.38	521.03	1.47	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	499.05	501.82	504.94	501.94	0.59	ppb
Cadmium	106-1	502.29	489.95	503.73	498.66	1.52	ppb
Cadmium	111-1	496.28	486.90	496.26	493.15	1.10	ppb
Calcium	43-1	249595.66	256311.59	255910.17	253939.14	1.48	ppb
Calcium	44-1	249102.15	256639.74	253922.08	253221.32	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.26	517.53	513.43	515.74	0.41	ppb
Cobalt	59-2	508.38	512.39	509.43	510.07	0.41	ppb
Copper	63-2	5074.06	5015.45	5000.44	5029.98	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				94		%
Holmium	165-2				93		%
Indium	115-1				84		%
Indium	115-2				83		%
Iron	56-2	131785.36	131281.83	130630.15	131232.44	0.44	ppb
Iron	57-2	131548.06	131578.11	128689.30	130605.16	1.27	ppb
Iron	54-2	130723.32	130438.05	130651.57	130604.31	0.11	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:05:01	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2602.32	2595.44	2632.27	2610.01	0.75	ppb
Lead	207-1	2598.44	2587.98	2614.65	2600.36	0.52	ppb
Lead	208-1	2593.12	2591.61	2610.90	2598.55	0.41	ppb
Lithium	6-1				85		%
Magnesium	24-2	245273.45	245688.33	243887.22	244949.66	0.39	ppb
Manganese	55-2	5126.79	5133.05	5152.34	5137.39	0.26	ppb
Molybdenum	94-1	5115.50	5132.83	5196.64	5148.32	0.83	ppb
Molybdenum	95-1	5081.63	5108.49	5160.67	5116.93	0.79	ppb
Molybdenum	96-1	5104.49	5076.88	5155.67	5112.35	0.78	ppb
Molybdenum	97-1	5094.32	5086.81	5159.26	5113.46	0.78	ppb
Molybdenum	98-1	5117.68	5105.65	5220.83	5148.05	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.82	509.46	504.39	507.56	0.54	ppb
Phosphorus	31-2	9807.91	10308.99	9804.58	9973.83	2.91	ppb
Potassium	39-2	124434.26	125104.76	124209.41	124582.81	0.37	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				80		%
Scandium	45-2				82		%
Selenium	82-1	486.26	491.68	496.89	491.61	1.08	ppb
Selenium	77-2	482.89	510.24	506.32	499.82	2.96	ppb
Selenium	78-2	513.36	490.53	493.15	499.01	2.50	ppb
Silicon	28-1	555.17	560.06	567.07	560.77	1.07	ppb
Silver	107-1	502.21	493.19	498.89	498.09	0.92	ppb
Silver	109-1	503.16	490.66	498.40	497.41	1.27	ppb
Sodium	23-2	249993.72	250970.75	248772.24	249912.24	0.44	ppb
Strontium	86-1	12613.85	12649.77	12839.20	12700.94	0.95	ppb
Strontium	88-1	12628.98	12707.58	12938.81	12758.45	1.26	ppb
Sulfur	34-1	10082.89	10220.36	10322.08	10208.44	1.18	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	518.91	531.02	536.49	528.81	1.70	ppb
Thallium	205-1	516.43	519.38	519.65	518.49	0.34	ppb
Tin	118-1	512.82	510.91	513.95	512.56	0.30	ppb
Titanium	47-1	5101.15	5153.10	5172.46	5142.23	0.72	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:05:01	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	524.59	530.11	538.96	531.22	1.36	ppb
Vanadium	51-2	518.48	524.20	515.53	519.40	0.85	ppb
Yttrium	89-1				86		%
Yttrium	89-2				84		%
Zinc	66-2	4948.39	4989.45	4992.89	4976.91	0.50	ppb
Zirconium	90-1	514.27	514.44	525.06	517.92	1.19	ppb
Zirconium	91-1	511.70	513.40	520.47	515.19	0.90	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:07:47	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.14	2.22	3.03	2.46	19.93	ppb
Antimony	121-1	0.38	0.40	0.42	0.40	4.76	ppb
Arsenic	75-2	0.05	-0.01	-0.02	0.00	907.80	ppb
Barium	135-1	0.13	0.08	0.10	0.10	23.25	ppb
Barium	137-1	0.09	0.07	0.07	0.08	14.47	ppb
Beryllium	9-1	0.13	0.08	0.09	0.10	23.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.20	0.03	0.09	113.37	ppb
Cadmium	106-1	-0.80	-2.06	-1.27	-1.38		ppb
Cadmium	111-1	-0.02	-0.13	-0.06	-0.07		ppb
Calcium	43-1	7.93	8.07	8.43	8.14	3.17	ppb
Calcium	44-1	10.07	8.29	7.72	8.69	14.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	0.02	0.02	24.97	ppb
Cobalt	59-2	0.00	0.02	0.03	0.02	96.85	ppb
Copper	63-2	0.25	0.29	0.38	0.31	21.71	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				98		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	5.73	5.90	7.56	6.40	15.84	ppb
Iron	57-2	3.52	4.04	8.24	5.27	49.07	ppb
Iron	54-2	7.65	6.05	9.38	7.69	21.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:07:47	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.17	0.14	0.13	0.15	14.67	ppb
Lead	207-1	0.18	0.15	0.14	0.16	15.16	ppb
Lead	208-1	0.18	0.14	0.14	0.15	13.81	ppb
Lithium	6-1				93		%
Magnesium	24-2	9.31	9.36	12.01	10.23	15.12	ppb
Manganese	55-2	0.12	0.12	0.22	0.15	37.41	ppb
Molybdenum	94-1	0.48	0.45	0.45	0.46	2.96	ppb
Molybdenum	95-1	0.31	0.27	0.27	0.28	6.84	ppb
Molybdenum	96-1	0.29	0.32	0.30	0.30	5.10	ppb
Molybdenum	97-1	0.31	0.27	0.31	0.30	8.29	ppb
Molybdenum	98-1	0.29	0.29	0.23	0.27	13.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-13.08	-15.89	-9.02	-12.66		ppb
Potassium	39-2	2.52	0.76	29.50	10.92	147.46	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				86		%
Scandium	45-2				84		%
Selenium	82-1	-1.39	-0.22	0.19	-0.47		ppb
Selenium	77-2	0.42	0.00	0.00	0.14	173.21	ppb
Selenium	78-2	1.54	0.94	1.81	1.43	31.08	ppb
Silicon	28-1	0.67	0.65	0.85	0.72	15.78	ppb
Silver	107-1	0.08	0.06	0.05	0.07	21.24	ppb
Silver	109-1	0.08	0.07	0.05	0.07	19.74	ppb
Sodium	23-2	31.06	30.21	38.23	33.17	13.28	ppb
Strontium	86-1	0.39	0.34	0.34	0.35	8.41	ppb
Strontium	88-1	0.38	0.33	0.31	0.34	9.74	ppb
Sulfur	34-1	-444.22	-406.04	-431.24	-427.16		ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	0.07	0.06	0.05	0.06	18.76	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	13.34	ppb
Tin	118-1	0.07	0.09	0.13	0.10	33.65	ppb
Titanium	47-1	0.24	0.19	0.20	0.21	13.29	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:07:47	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	3.24	ppb
Vanadium	51-2	0.02	0.01	0.04	0.02	53.93	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	0.24	0.32	0.39	0.32	24.14	ppb
Zirconium	90-1	0.13	0.11	0.13	0.13	10.22	ppb
Zirconium	91-1	0.16	0.13	0.15	0.14	11.00	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:11:06	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40471.28	40042.72	40638.28	40384.09	0.76	ppb
Antimony	121-1	61.95	63.11	64.61	63.22	2.11	ppb
Arsenic	75-2	269.27	255.18	261.78	262.08	2.69	ppb
Barium	135-1	1464.58	1523.07	1535.10	1507.58	2.50	ppb
Barium	137-1	1461.46	1535.71	1540.85	1512.67	2.94	ppb
Beryllium	9-1	32.43	32.89	33.55	32.96	1.70	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.36	30.42	31.76	30.51	3.94	ppb
Cadmium	106-1	29.74	29.31	30.38	29.81	1.80	ppb
Cadmium	111-1	31.76	32.36	33.50	32.54	2.72	ppb
Calcium	43-1	15019.82	15198.75	15215.81	15144.80	0.72	ppb
Calcium	44-1	13874.30	14178.94	14140.91	14064.72	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168.83	162.49	168.06	166.46	2.08	ppb
Cobalt	59-2	339.90	330.39	337.21	335.83	1.46	ppb
Copper	63-2	319.83	310.27	315.29	315.13	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				103		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	109360.71	106874.04	107208.29	107814.35	1.25	ppb
Iron	57-2	108855.49	104215.87	107259.86	106777.07	2.21	ppb
Iron	54-2	109292.21	105803.47	107948.81	107681.50	1.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:11:06	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	175.35	177.89	183.01	178.75	2.18	ppb
Lead	207-1	186.36	187.47	187.85	187.23	0.42	ppb
Lead	208-1	189.31	191.84	193.78	191.64	1.17	ppb
Lithium	6-1				98		%
Magnesium	24-2	14586.73	14237.25	14523.19	14449.06	1.29	ppb
Manganese	55-2	1883.71	1793.59	1876.33	1851.21	2.70	ppb
Molybdenum	94-1	16.70	17.17	16.99	16.95	1.42	ppb
Molybdenum	95-1	1.38	1.50	1.43	1.44	4.19	ppb
Molybdenum	96-1	3.79	3.80	3.91	3.83	1.74	ppb
Molybdenum	97-1	1.36	1.40	1.36	1.37	1.44	ppb
Molybdenum	98-1	1.36	1.43	1.44	1.41	3.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	347.32	339.32	343.86	343.50	1.17	ppb
Phosphorus	31-2	2792.76	2807.09	2827.08	2808.98	0.61	ppb
Potassium	39-2	6669.89	6535.90	6621.85	6609.22	1.03	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	65.58	65.93	69.29	66.93	3.06	ppb
Selenium	77-2	76.32	83.40	90.08	83.27	8.26	ppb
Selenium	78-2	66.72	70.27	73.31	70.10	4.70	ppb
Silicon	28-1	1335.44	1379.40	1373.97	1362.93	1.76	ppb
Silver	107-1	31.06	32.05	32.56	31.89	2.39	ppb
Silver	109-1	30.88	31.50	32.31	31.56	2.26	ppb
Sodium	23-2	243.87	241.93	243.02	242.94	0.40	ppb
Strontium	86-1	70.09	71.26	72.92	71.42	1.99	ppb
Strontium	88-1	70.55	71.36	71.84	71.25	0.91	ppb
Sulfur	34-1	-268.70	-340.32	-438.41	-349.14		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	27.18	27.08	27.61	27.29	1.02	ppb
Thallium	205-1	26.13	27.15	27.21	26.83	2.27	ppb
Tin	118-1	2.13	2.17	2.30	2.20	4.20	ppb
Titanium	47-1	1496.28	1525.64	1533.38	1518.43	1.29	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:11:06	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.92	0.92	0.90	3.69	ppb
Vanadium	51-2	498.03	484.21	493.62	491.95	1.43	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	936.95	911.49	925.37	924.60	1.38	ppb
Zirconium	90-1	8.71	8.96	9.05	8.91	1.97	ppb
Zirconium	91-1	8.72	8.71	9.10	8.84	2.51	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:14:11	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43770.10	45360.31	43910.95	44347.12	1.98	ppb
Antimony	121-1	302.98	305.29	303.07	303.78	0.43	ppb
Arsenic	75-2	340.89	348.98	346.02	345.30	1.19	ppb
Barium	135-1	6014.00	5980.00	5977.77	5990.59	0.34	ppb
Barium	137-1	6045.86	6001.56	6042.05	6029.83	0.41	ppb
Beryllium	9-1	153.46	147.91	151.64	151.00	1.87	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	138.67	137.25	136.26	137.40	0.88	ppb
Cadmium	106-1	134.42	132.03	133.15	133.20	0.90	ppb
Cadmium	111-1	153.46	153.67	152.91	153.35	0.26	ppb
Calcium	43-1	15110.80	14852.29	14754.16	14905.75	1.24	ppb
Calcium	44-1	14174.35	13864.70	13677.98	13905.67	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	612.13	613.92	615.85	613.97	0.30	ppb
Cobalt	59-2	1442.99	1489.76	1486.98	1473.24	1.78	ppb
Copper	63-2	848.64	879.53	859.28	862.48	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				102		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	109620.47	111168.44	110588.38	110459.10	0.71	ppb
Iron	57-2	107391.44	108826.41	110256.61	108824.82	1.32	ppb
Iron	54-2	109151.15	110939.06	109497.50	109862.57	0.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:14:11	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	220.42	219.09	220.58	220.03	0.37	ppb
Lead	207-1	227.89	227.08	229.13	228.04	0.45	ppb
Lead	208-1	233.83	233.78	235.78	234.46	0.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	14417.04	14491.95	14493.31	14467.43	0.30	ppb
Manganese	55-2	2936.45	2983.03	2920.99	2946.83	1.10	ppb
Molybdenum	94-1	17.20	17.03	16.86	17.03	1.00	ppb
Molybdenum	95-1	1.33	1.35	1.40	1.36	2.54	ppb
Molybdenum	96-1	3.87	3.80	3.89	3.85	1.21	ppb
Molybdenum	97-1	1.37	1.39	1.29	1.35	3.93	ppb
Molybdenum	98-1	1.39	1.35	1.33	1.36	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1481.25	1519.23	1510.42	1503.63	1.32	ppb
Phosphorus	31-2	2806.05	2796.02	2821.49	2807.86	0.46	ppb
Potassium	39-2	6467.70	6561.87	6555.13	6528.23	0.80	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	323.57	320.67	319.17	321.14	0.70	ppb
Selenium	77-2	328.16	313.33	325.67	322.38	2.46	ppb
Selenium	78-2	317.35	310.40	318.41	315.38	1.38	ppb
Silicon	28-1	1386.64	1364.92	1353.87	1368.48	1.22	ppb
Silver	107-1	124.65	132.83	104.82	120.77	11.93	ppb
Silver	109-1	104.41	114.60	111.52	110.18	4.74	ppb
Sodium	23-2	246.34	253.31	251.60	250.42	1.45	ppb
Strontium	86-1	71.32	70.85	69.91	70.69	1.02	ppb
Strontium	88-1	71.31	70.66	70.34	70.77	0.70	ppb
Sulfur	34-1	-451.59	-626.93	-777.52	-618.68		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	134.85	132.85	134.51	134.07	0.80	ppb
Thallium	205-1	145.17	144.00	146.17	145.12	0.75	ppb
Tin	118-1	1.99	1.98	2.02	2.00	1.16	ppb
Titanium	47-1	1576.06	1530.20	1517.47	1541.24	2.00	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:14:11	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.90	0.92	0.91	1.15	ppb
Vanadium	51-2	1567.17	1596.31	1606.50	1589.99	1.28	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2026.84	2062.49	2050.03	2046.45	0.88	ppb
Zirconium	90-1	8.98	8.89	8.75	8.87	1.26	ppb
Zirconium	91-1	9.09	8.68	8.68	8.82	2.72	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-13RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:17:11	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42354.12	43782.71	43870.94	43335.92	1.96	ppb
Antimony	121-1	2.84	2.96	2.94	2.91	2.20	ppb
Arsenic	75-2	168.81	177.45	175.84	174.03	2.64	ppb
Barium	135-1	332.60	335.20	333.89	333.90	0.39	ppb
Barium	137-1	332.99	338.46	334.84	335.43	0.83	ppb
Beryllium	9-1	1.69	1.80	1.82	1.77	3.92	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.04	3.47	3.23	3.25	6.55	ppb
Cadmium	106-1	3.99	3.43	3.84	3.76	7.70	ppb
Cadmium	111-1	2.23	2.40	2.11	2.25	6.45	ppb
Calcium	43-1	17507.33	18221.59	17751.11	17826.68	2.04	ppb
Calcium	44-1	16203.66	16929.65	16548.75	16560.69	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.11	60.05	60.08	59.08	2.89	ppb
Cobalt	59-2	42.38	43.54	44.26	43.39	2.18	ppb
Copper	63-2	169.42	176.66	177.67	174.58	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				100		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	123779.20	128643.36	128611.06	127011.21	2.20	ppb
Iron	57-2	121775.07	126646.48	127617.74	125346.43	2.50	ppb
Iron	54-2	123144.31	126777.39	128483.37	126135.02	2.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-13RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:17:11	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	114.04	116.78	115.03	115.28	1.20	ppb
Lead	207-1	116.58	119.74	118.37	118.23	1.34	ppb
Lead	208-1	115.36	118.02	116.37	116.58	1.15	ppb
Lithium	6-1				96		%
Magnesium	24-2	15021.86	15797.74	15724.18	15514.59	2.76	ppb
Manganese	55-2	1633.71	1715.92	1712.82	1687.48	2.76	ppb
Molybdenum	94-1	22.40	22.84	22.52	22.59	1.03	ppb
Molybdenum	95-1	1.67	1.61	1.68	1.65	2.33	ppb
Molybdenum	96-1	4.70	4.99	4.84	4.84	2.93	ppb
Molybdenum	97-1	1.54	1.64	1.55	1.57	3.44	ppb
Molybdenum	98-1	1.54	1.68	1.57	1.60	4.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.76	46.43	46.88	46.02	2.42	ppb
Phosphorus	31-2	2928.64	3049.27	3038.28	3005.40	2.22	ppb
Potassium	39-2	6366.43	6646.80	6648.30	6553.84	2.48	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	1.29	1.10	1.84	1.41	27.21	ppb
Selenium	77-2	11.88	18.91	14.45	15.08	23.58	ppb
Selenium	78-2	5.40	2.76	6.58	4.91	39.86	ppb
Silicon	28-1	1678.76	1749.53	1701.58	1709.96	2.11	ppb
Silver	107-1	0.80	0.76	0.74	0.77	4.19	ppb
Silver	109-1	0.77	0.74	0.75	0.75	1.92	ppb
Sodium	23-2	242.86	256.60	257.40	252.29	3.24	ppb
Strontium	86-1	83.97	85.83	85.11	84.97	1.10	ppb
Strontium	88-1	84.16	85.78	84.26	84.74	1.07	ppb
Sulfur	34-1	-513.90	-333.52	-581.76	-476.40		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.32	0.33	0.32	0.32	1.64	ppb
Thallium	205-1	0.31	0.30	0.31	0.31	1.49	ppb
Tin	118-1	2.08	2.05	2.07	2.07	0.73	ppb
Titanium	47-1	1996.06	2070.85	2011.68	2026.20	1.95	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-13RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:17:11	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.07	1.05	1.06	1.18	ppb
Vanadium	51-2	247.54	257.73	258.15	254.47	2.36	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	454.87	472.55	475.77	467.73	2.41	ppb
Zirconium	90-1	11.79	12.01	11.82	11.87	1.00	ppb
Zirconium	91-1	11.66	11.85	12.01	11.84	1.50	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-14	Instrumnet Name :	P7
Client Sample ID :	MYD4R9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:20:19	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30235.33	30207.15	29969.03	30137.17	0.49	ppb
Antimony	121-1	3.11	3.19	3.26	3.19	2.37	ppb
Arsenic	75-2	184.79	189.12	176.97	183.63	3.35	ppb
Barium	135-1	197.77	201.21	206.05	201.68	2.06	ppb
Barium	137-1	199.20	203.54	207.82	203.52	2.12	ppb
Beryllium	9-1	1.27	1.37	1.51	1.38	8.85	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.78	3.25	3.12	3.05	7.97	ppb
Cadmium	106-1	2.91	3.26	4.08	3.42	17.61	ppb
Cadmium	111-1	2.38	2.38	2.51	2.42	3.02	ppb
Calcium	43-1	11480.21	11613.25	11726.04	11606.50	1.06	ppb
Calcium	44-1	10719.02	10841.90	10960.38	10840.43	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.02	41.88	42.02	42.31	1.47	ppb
Cobalt	59-2	33.67	34.13	33.02	33.61	1.67	ppb
Copper	63-2	188.48	188.02	184.57	187.02	1.14	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				99		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	98043.57	97069.57	96169.56	97094.23	0.97	ppb
Iron	57-2	97183.17	97409.29	95060.07	96550.84	1.34	ppb
Iron	54-2	97560.36	97398.40	96225.17	97061.31	0.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-14	Instrumnet Name :	P7
Client Sample ID :	MYD4R9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:20:19	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	147.69	150.22	150.14	149.35	0.96	ppb
Lead	207-1	154.15	157.15	155.57	155.62	0.97	ppb
Lead	208-1	158.68	160.27	159.73	159.56	0.51	ppb
Lithium	6-1				94		%
Magnesium	24-2	10796.93	10653.96	10568.23	10673.04	1.08	ppb
Manganese	55-2	1255.07	1244.27	1225.03	1241.46	1.23	ppb
Molybdenum	94-1	16.14	16.36	16.54	16.35	1.22	ppb
Molybdenum	95-1	1.62	1.57	1.68	1.63	3.39	ppb
Molybdenum	96-1	3.90	3.90	3.95	3.92	0.67	ppb
Molybdenum	97-1	1.51	1.57	1.61	1.56	3.44	ppb
Molybdenum	98-1	1.52	1.53	1.60	1.55	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.67	33.20	32.86	33.24	1.22	ppb
Phosphorus	31-2	2613.71	2572.23	2558.96	2581.63	1.11	ppb
Potassium	39-2	6912.54	6773.30	6734.34	6806.73	1.38	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	0.92	1.42	1.56	1.30	25.93	ppb
Selenium	77-2	14.78	16.12	11.84	14.25	15.37	ppb
Selenium	78-2	5.15	3.90	3.26	4.10	23.44	ppb
Silicon	28-1	1388.59	1403.50	1429.83	1407.31	1.48	ppb
Silver	107-1	0.83	0.82	0.81	0.82	1.32	ppb
Silver	109-1	0.81	0.80	0.83	0.81	1.39	ppb
Sodium	23-2	218.21	220.30	219.75	219.42	0.49	ppb
Strontium	86-1	65.15	66.63	67.09	66.29	1.53	ppb
Strontium	88-1	65.06	66.59	66.64	66.10	1.35	ppb
Sulfur	34-1	-936.81	-1008.41	-871.27	-938.83		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.32	0.31	0.30	0.31	3.11	ppb
Thallium	205-1	0.32	0.32	0.31	0.32	2.10	ppb
Tin	118-1	2.14	2.19	2.29	2.21	3.59	ppb
Titanium	47-1	1757.01	1795.11	1816.24	1789.45	1.68	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-14	Instrumnet Name :	P7
Client Sample ID :	MYD4R9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:20:19	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.00	1.02	1.01	0.97	ppb
Vanadium	51-2	183.63	184.56	181.62	183.27	0.82	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	440.79	433.59	433.28	435.89	0.97	ppb
Zirconium	90-1	8.32	8.53	8.62	8.49	1.79	ppb
Zirconium	91-1	8.45	8.33	8.55	8.44	1.28	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-15	Instrumnet Name :	P7
Client Sample ID :	MYD4S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:26:46	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30269.83	30226.79	30276.10	30257.58	0.09	ppb
Antimony	121-1	3.23	3.24	3.19	3.22	0.81	ppb
Arsenic	75-2	163.61	164.39	168.54	165.51	1.60	ppb
Barium	135-1	235.92	239.38	236.97	237.42	0.75	ppb
Barium	137-1	237.55	240.05	238.92	238.84	0.52	ppb
Beryllium	9-1	1.45	1.47	1.58	1.50	4.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.90	2.56	2.88	2.78	6.94	ppb
Cadmium	106-1	3.33	2.89	1.81	2.67	29.29	ppb
Cadmium	111-1	2.42	2.45	2.29	2.39	3.58	ppb
Calcium	43-1	11404.58	11585.51	11649.10	11546.40	1.10	ppb
Calcium	44-1	10656.04	10844.62	10748.70	10749.79	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.72	72.65	73.56	73.31	0.79	ppb
Cobalt	59-2	33.23	33.06	33.45	33.25	0.58	ppb
Copper	63-2	184.07	182.43	185.16	183.89	0.75	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				101		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	91304.42	90616.45	91924.77	91281.88	0.72	ppb
Iron	57-2	90733.04	90267.84	89402.67	90134.52	0.75	ppb
Iron	54-2	90378.59	90297.44	91010.51	90562.18	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-15	Instrumnet Name :	P7
Client Sample ID :	MYD4S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:26:46	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	273.18	271.83	274.94	273.32	0.57	ppb
Lead	207-1	261.19	258.63	262.28	260.70	0.72	ppb
Lead	208-1	279.18	276.00	281.29	278.82	0.96	ppb
Lithium	6-1				95		%
Magnesium	24-2	11603.88	11397.05	11536.33	11512.42	0.92	ppb
Manganese	55-2	1442.79	1446.70	1430.81	1440.10	0.57	ppb
Molybdenum	94-1	11.72	11.53	11.72	11.66	0.95	ppb
Molybdenum	95-1	1.88	1.86	1.94	1.89	2.08	ppb
Molybdenum	96-1	3.65	3.74	3.68	3.69	1.24	ppb
Molybdenum	97-1	1.92	1.90	1.86	1.89	1.66	ppb
Molybdenum	98-1	1.85	1.97	1.91	1.91	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.77	36.06	36.63	36.48	1.03	ppb
Phosphorus	31-2	2633.28	2647.00	2655.79	2645.36	0.43	ppb
Potassium	39-2	7554.20	7482.17	7617.40	7551.26	0.90	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	1.10	2.10	1.93	1.71	31.17	ppb
Selenium	77-2	12.74	18.75	18.11	16.54	19.96	ppb
Selenium	78-2	3.81	2.47	5.42	3.90	37.86	ppb
Silicon	28-1	1256.17	1270.93	1277.72	1268.27	0.87	ppb
Silver	107-1	0.84	0.88	0.86	0.86	2.56	ppb
Silver	109-1	0.83	0.84	0.85	0.84	1.05	ppb
Sodium	23-2	254.22	254.49	257.41	255.37	0.69	ppb
Strontium	86-1	61.05	62.31	62.24	61.87	1.15	ppb
Strontium	88-1	61.47	61.82	62.51	61.93	0.85	ppb
Sulfur	34-1	-817.22	-829.31	-862.75	-836.42		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.39	0.39	0.36	0.38	4.33	ppb
Thallium	205-1	0.37	0.36	0.35	0.36	1.97	ppb
Tin	118-1	2.38	2.29	2.25	2.31	2.99	ppb
Titanium	47-1	1480.86	1510.95	1510.06	1500.62	1.14	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-15	Instrumnet Name :	P7
Client Sample ID :	MYD4S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:26:46	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.00	1.05	1.03	2.63	ppb
Vanadium	51-2	142.97	141.95	143.74	142.89	0.63	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	462.17	457.73	459.96	459.95	0.48	ppb
Zirconium	90-1	5.60	5.68	5.66	5.65	0.75	ppb
Zirconium	91-1	5.50	5.62	5.65	5.59	1.44	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-16	Instrumnet Name :	P7
Client Sample ID :	MYD4S1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:29:58	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38288.44	36735.44	36614.44	37212.77	2.51	ppb
Antimony	121-1	2.48	2.56	2.58	2.54	2.15	ppb
Arsenic	75-2	145.24	143.57	139.59	142.80	2.03	ppb
Barium	135-1	308.93	305.36	311.42	308.57	0.99	ppb
Barium	137-1	307.92	310.00	311.00	309.64	0.51	ppb
Beryllium	9-1	1.69	1.53	1.42	1.55	8.77	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.61	2.69	2.50	2.60	3.80	ppb
Cadmium	106-1	4.21	3.11	3.82	3.71	14.99	ppb
Cadmium	111-1	1.84	1.52	1.75	1.70	9.65	ppb
Calcium	43-1	15030.31	15400.14	15070.94	15167.13	1.34	ppb
Calcium	44-1	14009.00	14435.50	14099.35	14181.28	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.28	42.88	42.38	43.51	3.57	ppb
Cobalt	59-2	44.26	42.28	42.08	42.87	2.80	ppb
Copper	63-2	136.97	130.63	130.69	132.76	2.74	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				100		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	105504.90	100936.51	101122.19	102521.20	2.52	ppb
Iron	57-2	104407.38	99191.54	99037.81	100878.91	3.03	ppb
Iron	54-2	104475.07	100155.73	100261.44	101630.75	2.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-16	Instrumnet Name :	P7
Client Sample ID :	MYD4S1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:29:58	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	98.00	98.13	100.46	98.86	1.40	ppb
Lead	207-1	100.68	101.89	103.22	101.93	1.25	ppb
Lead	208-1	99.42	100.00	101.32	100.24	0.97	ppb
Lithium	6-1				94		%
Magnesium	24-2	13721.18	13020.96	13001.77	13247.97	3.09	ppb
Manganese	55-2	1628.00	1554.61	1551.97	1578.19	2.73	ppb
Molybdenum	94-1	20.12	20.44	20.68	20.41	1.36	ppb
Molybdenum	95-1	1.33	1.35	1.36	1.35	0.99	ppb
Molybdenum	96-1	4.31	4.28	4.26	4.28	0.58	ppb
Molybdenum	97-1	1.30	1.30	1.40	1.33	4.41	ppb
Molybdenum	98-1	1.30	1.31	1.31	1.30	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.07	36.54	36.68	37.10	2.28	ppb
Phosphorus	31-2	2602.81	2421.00	2440.74	2488.18	4.01	ppb
Potassium	39-2	5476.87	5167.83	5184.09	5276.26	3.30	ppb
Rhodium	103-1				93		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	82-1	1.07	1.51	0.94	1.17	25.46	ppb
Selenium	77-2	10.41	18.19	14.90	14.50	26.95	ppb
Selenium	78-2	3.29	2.12	2.93	2.78	21.55	ppb
Silicon	28-1	1370.01	1381.08	1383.99	1378.36	0.54	ppb
Silver	107-1	0.55	0.56	0.56	0.56	1.13	ppb
Silver	109-1	0.56	0.53	0.52	0.54	3.43	ppb
Sodium	23-2	203.52	196.98	196.99	199.16	1.90	ppb
Strontium	86-1	74.57	74.67	75.11	74.78	0.39	ppb
Strontium	88-1	74.49	74.84	75.51	74.95	0.69	ppb
Sulfur	34-1	-1043.29	-988.39	-1027.23	-1019.64		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.28	0.26	0.27	0.27	3.48	ppb
Thallium	205-1	0.27	0.25	0.27	0.26	4.09	ppb
Tin	118-1	1.77	1.84	1.82	1.81	1.97	ppb
Titanium	47-1	1564.23	1558.63	1557.46	1560.11	0.23	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-16	Instrumnet Name :	P7
Client Sample ID :	MYD4S1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:29:58	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.95	0.98	0.96	1.77	ppb
Vanadium	51-2	197.97	189.89	189.73	192.53	2.45	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	413.36	395.36	393.02	400.58	2.78	ppb
Zirconium	90-1	10.92	10.97	10.95	10.95	0.23	ppb
Zirconium	91-1	11.02	11.16	11.38	11.19	1.60	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-17	Instrumnet Name :	P7
Client Sample ID :	MYD4S2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:37:10	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44673.75	45271.66	44530.88	44825.43	0.88	ppb
Antimony	121-1	1.78	1.74	1.78	1.77	1.14	ppb
Arsenic	75-2	96.00	96.42	96.31	96.24	0.22	ppb
Barium	135-1	356.06	357.16	362.73	358.65	1.00	ppb
Barium	137-1	358.74	358.09	363.01	359.95	0.74	ppb
Beryllium	9-1	1.85	1.62	1.79	1.75	6.86	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.95	2.01	1.95	1.97	2.01	ppb
Cadmium	106-1	1.74	-0.98	0.13	0.30	461.05	ppb
Cadmium	111-1	1.32	1.33	1.27	1.31	2.54	ppb
Calcium	43-1	16003.66	16055.36	16055.21	16038.08	0.19	ppb
Calcium	44-1	14916.58	15091.64	14953.23	14987.15	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.66	57.57	57.25	57.49	0.37	ppb
Cobalt	59-2	43.02	43.31	43.16	43.16	0.33	ppb
Copper	63-2	162.64	160.35	161.83	161.61	0.72	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				99		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	112247.69	111507.52	114130.35	112628.52	1.20	ppb
Iron	57-2	111503.75	110428.91	111403.88	111112.18	0.53	ppb
Iron	54-2	111983.34	112242.88	111795.15	112007.12	0.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-17	Instrumnet Name :	P7
Client Sample ID :	MYD4S2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:37:10	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	59.38	60.01	61.12	60.17	1.46	ppb
Lead	207-1	60.65	60.44	61.91	61.00	1.30	ppb
Lead	208-1	59.73	60.02	60.91	60.22	1.02	ppb
Lithium	6-1				94		%
Magnesium	24-2	14839.93	14842.52	14842.89	14841.78	0.01	ppb
Manganese	55-2	1762.22	1744.29	1793.48	1766.66	1.41	ppb
Molybdenum	94-1	14.03	14.32	14.55	14.30	1.82	ppb
Molybdenum	95-1	1.28	1.20	1.33	1.27	4.86	ppb
Molybdenum	96-1	3.48	3.45	3.64	3.52	3.01	ppb
Molybdenum	97-1	1.31	1.27	1.21	1.26	3.92	ppb
Molybdenum	98-1	1.23	1.22	1.25	1.23	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.29	44.83	44.42	44.51	0.64	ppb
Phosphorus	31-2	2441.76	2415.16	2390.92	2415.95	1.05	ppb
Potassium	39-2	6576.58	6456.52	6545.85	6526.31	0.96	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	1.47	1.53	1.70	1.57	7.93	ppb
Selenium	77-2	14.36	10.91	10.22	11.83	18.75	ppb
Selenium	78-2	4.22	3.50	3.33	3.68	12.76	ppb
Silicon	28-1	1727.76	1741.46	1744.22	1737.81	0.51	ppb
Silver	107-1	0.37	0.40	0.38	0.38	3.53	ppb
Silver	109-1	0.41	0.38	0.37	0.39	4.74	ppb
Sodium	23-2	211.77	214.27	218.45	214.83	1.57	ppb
Strontium	86-1	84.73	85.83	87.35	85.97	1.53	ppb
Strontium	88-1	86.18	85.31	87.90	86.46	1.53	ppb
Sulfur	34-1	-1004.19	-1088.26	-1074.61	-1055.69		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.30	0.31	0.31	0.31	2.57	ppb
Thallium	205-1	0.28	0.30	0.29	0.29	3.94	ppb
Tin	118-1	5.48	5.44	5.42	5.44	0.52	ppb
Titanium	47-1	1839.23	1836.45	1797.82	1824.50	1.27	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-17	Instrumnet Name :	P7
Client Sample ID :	MYD4S2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:37:10	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.08	1.09	1.09	0.53	ppb
Vanadium	51-2	226.96	223.55	226.90	225.80	0.86	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	301.57	303.36	301.43	302.12	0.36	ppb
Zirconium	90-1	7.30	7.53	7.61	7.48	2.13	ppb
Zirconium	91-1	7.35	7.61	7.45	7.47	1.77	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-18	Instrumnet Name :	P7
Client Sample ID :	MYD4S3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:40:19	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61512.28	61347.85	61262.41	61374.18	0.21	ppb
Antimony	121-1	0.70	0.71	0.71	0.71	0.56	ppb
Arsenic	75-2	56.25	54.97	56.69	55.97	1.60	ppb
Barium	135-1	486.16	487.94	492.47	488.86	0.67	ppb
Barium	137-1	511.76	518.47	491.21	507.14	2.80	ppb
Beryllium	9-1	2.35	2.20	2.24	2.27	3.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.95	2.11	1.83	1.96	7.19	ppb
Cadmium	106-1	2.92	2.33	2.31	2.52	13.76	ppb
Cadmium	111-1	0.82	0.71	0.87	0.80	9.88	ppb
Calcium	43-1	17624.12	18173.28	17879.72	17892.38	1.54	ppb
Calcium	44-1	16797.10	16783.59	16552.28	16710.99	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.13	64.82	64.21	64.72	0.72	ppb
Cobalt	59-2	46.09	46.26	45.97	46.11	0.31	ppb
Copper	63-2	99.83	99.85	98.48	99.39	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				99		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	101489.52	102004.47	101229.08	101574.36	0.39	ppb
Iron	57-2	100551.27	100728.19	99619.15	100299.54	0.59	ppb
Iron	54-2	100010.41	100995.05	100178.41	100394.62	0.52	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-18	Instrumnet Name :	P7
Client Sample ID :	MYD4S3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:40:19	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.27	35.20	35.48	35.31	0.41	ppb
Lead	207-1	34.08	33.72	34.22	34.01	0.77	ppb
Lead	208-1	34.39	34.23	34.56	34.39	0.48	ppb
Lithium	6-1				93		%
Magnesium	24-2	20349.51	20527.89	20005.68	20294.36	1.31	ppb
Manganese	55-2	2326.76	2359.21	2345.29	2343.75	0.69	ppb
Molybdenum	94-1	27.29	27.20	27.55	27.35	0.67	ppb
Molybdenum	95-1	0.91	0.89	0.85	0.88	3.43	ppb
Molybdenum	96-1	4.42	4.37	4.53	4.44	1.81	ppb
Molybdenum	97-1	0.89	0.92	0.89	0.90	2.03	ppb
Molybdenum	98-1	0.81	0.83	0.85	0.83	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.32	61.25	61.54	61.04	1.04	ppb
Phosphorus	31-2	1834.34	1794.60	1838.59	1822.51	1.33	ppb
Potassium	39-2	13268.37	13173.54	13148.93	13196.95	0.48	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	1.05	-0.28	0.96	0.58	128.86	ppb
Selenium	77-2	11.61	20.51	22.53	18.22	31.91	ppb
Selenium	78-2	2.68	2.79	4.42	3.30	29.54	ppb
Silicon	28-1	1982.43	1994.81	1989.93	1989.06	0.31	ppb
Silver	107-1	0.28	0.28	0.30	0.29	2.74	ppb
Silver	109-1	0.26	0.30	0.28	0.28	6.58	ppb
Sodium	23-2	242.12	246.37	249.00	245.83	1.41	ppb
Strontium	86-1	95.05	96.53	96.18	95.92	0.81	ppb
Strontium	88-1	96.08	96.30	97.74	96.70	0.93	ppb
Sulfur	34-1	-1231.68	-1276.15	-1383.09	-1296.97		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.42	0.39	0.40	0.40	4.17	ppb
Thallium	205-1	0.39	0.41	0.40	0.40	2.19	ppb
Tin	118-1	1.95	2.04	1.94	1.98	2.63	ppb
Titanium	47-1	1629.68	1666.10	1638.20	1644.66	1.16	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-18	Instrumnet Name :	P7
Client Sample ID :	MYD4S3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:40:19	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.54	1.53	1.55	1.54	0.73	ppb
Vanadium	51-2	147.21	147.58	147.44	147.41	0.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	254.40	255.28	257.29	255.66	0.58	ppb
Zirconium	90-1	14.87	14.98	15.23	15.02	1.23	ppb
Zirconium	91-1	14.77	15.05	15.32	15.05	1.84	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-19	Instrumnet Name :	P7
Client Sample ID :	MYD4S4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:43:30	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64782.64	64029.71	64478.34	64430.23	0.59	ppb
Antimony	121-1	0.59	0.59	0.56	0.58	3.05	ppb
Arsenic	75-2	44.89	42.66	43.05	43.53	2.73	ppb
Barium	135-1	511.76	515.57	519.62	515.65	0.76	ppb
Barium	137-1	535.70	542.66	555.17	544.51	1.81	ppb
Beryllium	9-1	2.44	2.29	2.37	2.37	3.17	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.40	1.52	1.65	1.52	8.18	ppb
Cadmium	106-1	3.47	1.92	1.28	2.22	50.81	ppb
Cadmium	111-1	0.73	0.64	0.56	0.64	12.62	ppb
Calcium	43-1	18652.17	19048.85	19273.00	18991.34	1.66	ppb
Calcium	44-1	17516.00	17693.16	17779.23	17662.80	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.02	65.88	65.35	65.75	0.54	ppb
Cobalt	59-2	45.53	44.50	44.97	45.00	1.15	ppb
Copper	63-2	104.27	103.29	102.63	103.40	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				99		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	104910.19	103890.23	103744.07	104181.50	0.61	ppb
Iron	57-2	103395.27	103296.03	100415.77	102369.02	1.65	ppb
Iron	54-2	104645.50	103596.17	102829.86	103690.51	0.88	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-19	Instrumnet Name :	P7
Client Sample ID :	MYD4S4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:43:30	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.58	32.20	31.85	31.88	0.97	ppb
Lead	207-1	29.93	30.84	30.09	30.29	1.61	ppb
Lead	208-1	30.39	31.04	30.67	30.70	1.08	ppb
Lithium	6-1				93		%
Magnesium	24-2	21292.77	20907.71	20992.54	21064.34	0.96	ppb
Manganese	55-2	2303.42	2328.31	2279.06	2303.60	1.07	ppb
Molybdenum	94-1	25.32	25.59	25.42	25.45	0.53	ppb
Molybdenum	95-1	0.94	0.97	1.01	0.97	3.54	ppb
Molybdenum	96-1	4.20	4.21	4.32	4.24	1.62	ppb
Molybdenum	97-1	0.93	0.95	0.90	0.93	2.36	ppb
Molybdenum	98-1	0.94	0.93	0.96	0.94	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.27	61.01	61.53	61.27	0.42	ppb
Phosphorus	31-2	1930.45	1898.23	1906.44	1911.71	0.88	ppb
Potassium	39-2	14171.98	14243.83	14153.50	14189.77	0.34	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	0.86	1.36	0.51	0.91	46.61	ppb
Selenium	77-2	22.47	18.14	19.01	19.87	11.53	ppb
Selenium	78-2	4.25	5.00	4.87	4.71	8.57	ppb
Silicon	28-1	2066.69	2089.63	2098.65	2084.99	0.79	ppb
Silver	107-1	0.19	0.21	0.22	0.21	5.80	ppb
Silver	109-1	0.19	0.18	0.21	0.19	8.69	ppb
Sodium	23-2	243.29	240.50	241.37	241.72	0.59	ppb
Strontium	86-1	102.06	103.18	103.05	102.76	0.60	ppb
Strontium	88-1	100.80	103.45	101.62	101.95	1.33	ppb
Sulfur	34-1	-1258.12	-1213.22	-1210.73	-1227.36		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.45	0.40	0.41	0.42	6.15	ppb
Thallium	205-1	0.41	0.42	0.41	0.41	1.90	ppb
Tin	118-1	2.03	1.98	2.00	2.00	1.20	ppb
Titanium	47-1	1546.13	1570.64	1575.74	1564.17	1.01	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-19	Instrumnet Name :	P7
Client Sample ID :	MYD4S4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:43:30	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.55	1.55	1.59	1.56	1.43	ppb
Vanadium	51-2	146.17	146.94	145.96	146.35	0.35	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	239.22	236.22	232.94	236.12	1.33	ppb
Zirconium	90-1	13.65	13.84	13.91	13.80	0.97	ppb
Zirconium	91-1	13.58	13.87	13.78	13.74	1.09	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-20	Instrumnet Name :	P7
Client Sample ID :	MYD4S5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:46:38	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41769.55	41354.00	41564.10	41562.55	0.50	ppb
Antimony	121-1	1.28	1.33	1.31	1.30	1.98	ppb
Arsenic	75-2	69.13	66.13	66.86	67.37	2.32	ppb
Barium	135-1	332.78	336.60	340.74	336.70	1.18	ppb
Barium	137-1	334.34	339.60	341.93	338.62	1.15	ppb
Beryllium	9-1	1.40	1.37	1.44	1.41	2.53	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	1.48	1.60	1.51	5.75	ppb
Cadmium	106-1	1.83	2.15	1.59	1.86	15.19	ppb
Cadmium	111-1	0.53	0.46	0.44	0.48	9.30	ppb
Calcium	43-1	62206.65	62958.52	63376.43	62847.20	0.94	ppb
Calcium	44-1	58348.20	59122.65	58991.63	58820.83	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.09	48.27	49.29	48.88	1.10	ppb
Cobalt	59-2	40.71	40.01	40.66	40.46	0.96	ppb
Copper	63-2	91.77	90.84	91.39	91.33	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				98		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	104599.69	102678.14	104891.53	104056.45	1.16	ppb
Iron	57-2	102458.68	101950.71	103169.50	102526.30	0.60	ppb
Iron	54-2	103304.54	102260.09	103772.42	103112.35	0.75	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-20	Instrumnet Name :	P7
Client Sample ID :	MYD4S5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:46:38	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.60	23.19	23.90	23.56	1.52	ppb
Lead	207-1	21.84	22.31	22.60	22.25	1.71	ppb
Lead	208-1	22.60	22.42	22.85	22.62	0.97	ppb
Lithium	6-1				92		%
Magnesium	24-2	18683.65	18489.50	18805.51	18659.55	0.85	ppb
Manganese	55-2	2378.12	2364.57	2382.76	2375.15	0.40	ppb
Molybdenum	94-1	20.86	21.63	21.95	21.48	2.61	ppb
Molybdenum	95-1	1.41	1.45	1.44	1.43	1.56	ppb
Molybdenum	96-1	4.12	4.23	4.27	4.20	1.84	ppb
Molybdenum	97-1	1.35	1.39	1.37	1.37	1.52	ppb
Molybdenum	98-1	1.36	1.35	1.41	1.37	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.22	45.33	44.83	45.46	1.55	ppb
Phosphorus	31-2	2961.88	2840.74	2992.87	2931.83	2.74	ppb
Potassium	39-2	4340.68	4292.80	4338.96	4324.15	0.63	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	0.47	0.38	0.70	0.52	32.10	ppb
Selenium	77-2	13.42	16.02	18.20	15.88	15.07	ppb
Selenium	78-2	3.09	3.05	5.04	3.72	30.47	ppb
Silicon	28-1	1508.72	1532.75	1544.16	1528.54	1.18	ppb
Silver	107-1	0.10	0.12	0.12	0.11	12.97	ppb
Silver	109-1	0.12	0.11	0.11	0.11	3.77	ppb
Sodium	23-2	342.62	341.32	343.51	342.49	0.32	ppb
Strontium	86-1	83.72	84.47	85.28	84.49	0.93	ppb
Strontium	88-1	83.14	84.11	86.20	84.49	1.85	ppb
Sulfur	34-1	-803.69	-711.48	-644.79	-719.99		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.21	0.23	0.23	0.22	4.11	ppb
Thallium	205-1	0.22	0.21	0.23	0.22	4.03	ppb
Tin	118-1	1.45	1.44	1.44	1.44	0.28	ppb
Titanium	47-1	1270.65	1279.85	1290.48	1280.32	0.78	ppb

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LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-20	Instrumnet Name :	P7
Client Sample ID :	MYD4S5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:46:38	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.83	0.83	0.83	0.64	ppb
Vanadium	51-2	188.65	186.24	187.70	187.53	0.65	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	182.69	180.93	180.74	181.46	0.59	ppb
Zirconium	90-1	11.39	11.52	11.70	11.54	1.32	ppb
Zirconium	91-1	11.21	11.36	11.75	11.44	2.41	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-21	Instrumnet Name :	P7
Client Sample ID :	MYD4S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:49:50	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57826.10	57375.35	57499.62	57567.03	0.40	ppb
Antimony	121-1	1.41	1.43	1.47	1.44	2.25	ppb
Arsenic	75-2	102.33	101.42	100.71	101.49	0.80	ppb
Barium	135-1	343.10	347.03	349.92	346.69	0.99	ppb
Barium	137-1	345.03	349.12	354.30	349.48	1.33	ppb
Beryllium	9-1	1.69	1.78	1.77	1.75	2.71	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.82	2.62	1.89	2.45	20.04	ppb
Cadmium	106-1	2.68	1.32	2.12	2.04	33.42	ppb
Cadmium	111-1	1.28	1.21	1.29	1.26	3.76	ppb
Calcium	43-1	18687.63	18875.80	19021.36	18861.60	0.89	ppb
Calcium	44-1	17315.75	17594.91	17668.14	17526.27	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.53	51.66	51.96	52.05	0.85	ppb
Cobalt	59-2	40.57	40.96	40.11	40.55	1.04	ppb
Copper	63-2	146.02	145.66	145.10	145.60	0.32	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				99		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	114008.02	113077.28	112231.48	113105.59	0.79	ppb
Iron	57-2	112906.19	111841.81	111379.92	112042.64	0.70	ppb
Iron	54-2	113314.67	112902.87	111829.16	112682.23	0.68	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-21	Instrumnet Name :	P7
Client Sample ID :	MYD4S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:49:50	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	65.51	67.23	67.07	66.60	1.43	ppb
Lead	207-1	66.70	67.97	67.89	67.52	1.06	ppb
Lead	208-1	65.86	66.97	67.28	66.71	1.12	ppb
Lithium	6-1				93		%
Magnesium	24-2	19331.24	19217.14	19241.18	19263.19	0.31	ppb
Manganese	55-2	1687.06	1661.99	1680.18	1676.41	0.77	ppb
Molybdenum	94-1	17.63	17.98	17.74	17.78	0.99	ppb
Molybdenum	95-1	0.86	0.85	0.87	0.86	1.60	ppb
Molybdenum	96-1	3.54	3.48	3.57	3.53	1.25	ppb
Molybdenum	97-1	0.83	0.84	0.98	0.88	9.45	ppb
Molybdenum	98-1	0.82	0.86	0.88	0.85	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.39	46.22	46.62	46.74	1.27	ppb
Phosphorus	31-2	2045.15	2024.62	1960.32	2010.03	2.20	ppb
Potassium	39-2	5580.70	5607.63	5479.88	5556.07	1.21	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	82-1	1.19	2.17	0.88	1.41	47.60	ppb
Selenium	77-2	20.69	19.16	12.81	17.55	23.78	ppb
Selenium	78-2	5.29	4.72	3.74	4.59	17.10	ppb
Silicon	28-1	1556.18	1561.38	1579.01	1565.52	0.76	ppb
Silver	107-1	0.49	0.48	0.55	0.50	7.68	ppb
Silver	109-1	0.46	0.51	0.49	0.49	4.73	ppb
Sodium	23-2	240.12	241.63	242.08	241.28	0.42	ppb
Strontium	86-1	80.69	80.90	82.19	81.26	1.00	ppb
Strontium	88-1	81.22	81.84	81.56	81.54	0.38	ppb
Sulfur	34-1	-1031.09	-1133.44	-1226.93	-1130.48		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.22	0.22	0.22	0.22	1.03	ppb
Thallium	205-1	0.20	0.24	0.22	0.22	9.62	ppb
Tin	118-1	1.75	1.74	1.84	1.78	3.15	ppb
Titanium	47-1	1246.34	1257.74	1266.94	1257.00	0.82	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-21	Instrumnet Name :	P7
Client Sample ID :	MYD4S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:49:50	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.88	0.91	0.89	2.15	ppb
Vanadium	51-2	192.33	189.60	190.33	190.75	0.74	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	308.64	302.15	300.76	303.85	1.38	ppb
Zirconium	90-1	9.54	9.63	9.79	9.66	1.27	ppb
Zirconium	91-1	9.57	9.66	9.86	9.70	1.58	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-22	Instrumnet Name :	P7
Client Sample ID :	MYD4S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:52:59	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49351.30	50340.42	49948.79	49880.17	1.00	ppb
Antimony	121-1	2.32	2.27	2.33	2.30	1.48	ppb
Arsenic	75-2	177.18	176.48	175.78	176.48	0.40	ppb
Barium	135-1	319.93	321.19	324.54	321.89	0.74	ppb
Barium	137-1	320.95	324.36	325.34	323.55	0.71	ppb
Beryllium	9-1	1.79	1.64	1.82	1.75	5.38	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.61	3.37	3.39	3.46	3.76	ppb
Cadmium	106-1	2.87	2.72	3.47	3.02	13.13	ppb
Cadmium	111-1	2.39	2.32	2.27	2.33	2.71	ppb
Calcium	43-1	17457.93	17460.67	17622.86	17513.82	0.54	ppb
Calcium	44-1	16307.97	16253.44	16359.49	16306.97	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.71	54.45	54.26	54.14	0.72	ppb
Cobalt	59-2	44.34	44.66	45.10	44.70	0.86	ppb
Copper	63-2	213.08	218.54	218.05	216.55	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				99		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	119847.07	122165.03	122305.79	121439.30	1.14	ppb
Iron	57-2	120424.34	120929.94	120674.78	120676.35	0.21	ppb
Iron	54-2	119114.11	122006.70	121455.58	120858.80	1.27	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-22	Instrumnet Name :	P7
Client Sample ID :	MYD4S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:52:59	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	128.91	130.46	133.02	130.80	1.59	ppb
Lead	207-1	133.90	135.72	137.72	135.78	1.41	ppb
Lead	208-1	131.61	132.69	134.99	133.10	1.30	ppb
Lithium	6-1				93		%
Magnesium	24-2	16953.09	17185.80	17236.00	17124.96	0.88	ppb
Manganese	55-2	1831.84	1888.31	1876.88	1865.68	1.60	ppb
Molybdenum	94-1	23.44	24.06	24.40	23.97	2.02	ppb
Molybdenum	95-1	1.30	1.27	1.27	1.28	1.18	ppb
Molybdenum	96-1	4.52	4.80	4.73	4.69	3.15	ppb
Molybdenum	97-1	1.31	1.25	1.27	1.28	2.36	ppb
Molybdenum	98-1	1.25	1.25	1.27	1.26	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.99	45.58	45.90	45.49	1.01	ppb
Phosphorus	31-2	2223.37	2349.28	2398.59	2323.75	3.89	ppb
Potassium	39-2	5978.83	6096.89	6074.03	6049.92	1.03	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	1.77	1.87	1.28	1.64	19.13	ppb
Selenium	77-2	14.10	11.91	14.30	13.44	9.87	ppb
Selenium	78-2	4.52	3.11	4.07	3.90	18.51	ppb
Silicon	28-1	1626.77	1632.25	1633.55	1630.86	0.22	ppb
Silver	107-1	0.83	0.88	0.90	0.87	4.09	ppb
Silver	109-1	0.86	0.84	0.85	0.85	1.30	ppb
Sodium	23-2	253.46	259.69	260.53	257.89	1.50	ppb
Strontium	86-1	84.36	86.75	86.13	85.75	1.45	ppb
Strontium	88-1	85.75	87.05	85.35	86.05	1.03	ppb
Sulfur	34-1	-963.03	-992.25	-1085.59	-1013.63		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.27	0.27	0.29	0.28	4.17	ppb
Thallium	205-1	0.29	0.30	0.27	0.29	5.16	ppb
Tin	118-1	2.18	2.15	2.14	2.16	1.03	ppb
Titanium	47-1	1897.33	1931.64	1927.72	1918.90	0.98	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-22	Instrumnet Name :	P7
Client Sample ID :	MYD4S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:52:59	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.93	0.97	0.95	1.93	ppb
Vanadium	51-2	236.32	241.22	238.69	238.74	1.02	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	503.70	511.61	506.32	507.21	0.79	ppb
Zirconium	90-1	12.87	13.10	13.14	13.03	1.10	ppb
Zirconium	91-1	12.86	13.10	13.11	13.03	1.10	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-01	Instrumnet Name :	P7
Client Sample ID :	MYD5A9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:56:09	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55543.33	56824.13	57583.31	56650.26	1.82	ppb
Antimony	121-1	1.73	1.62	1.65	1.67	3.26	ppb
Arsenic	75-2	455.35	456.48	466.19	459.34	1.30	ppb
Barium	135-1	531.23	537.70	538.45	535.79	0.74	ppb
Barium	137-1	552.24	562.60	566.90	560.58	1.34	ppb
Beryllium	9-1	1.94	1.96	1.96	1.95	0.58	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.06	2.92	2.61	2.86	7.95	ppb
Cadmium	106-1	5.07	3.95	4.09	4.37	13.96	ppb
Cadmium	111-1	0.79	0.70	0.72	0.73	6.34	ppb
Calcium	43-1	22931.58	23410.47	23673.21	23338.42	1.61	ppb
Calcium	44-1	21317.91	21954.55	22177.41	21816.62	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197.64	198.11	202.40	199.38	1.31	ppb
Cobalt	59-2	81.30	82.43	85.01	82.91	2.29	ppb
Copper	63-2	201.85	203.64	210.44	205.31	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				99		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	166408.15	165699.38	171137.12	167748.22	1.76	ppb
Iron	57-2	165025.93	164562.86	167559.33	165716.04	0.97	ppb
Iron	54-2	164653.25	164472.44	168710.96	165945.55	1.44	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-01	Instrumnet Name :	P7
Client Sample ID :	MYD5A9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:56:09	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.18	24.66	24.59	24.48	1.07	ppb
Lead	207-1	23.11	23.56	23.86	23.51	1.62	ppb
Lead	208-1	23.39	23.93	24.00	23.77	1.40	ppb
Lithium	6-1				93		%
Magnesium	24-2	28011.03	28400.51	28938.27	28449.94	1.64	ppb
Manganese	55-2	3741.94	3748.42	3813.21	3767.86	1.05	ppb
Molybdenum	94-1	32.43	32.93	33.36	32.90	1.41	ppb
Molybdenum	95-1	1.53	1.45	1.54	1.51	3.26	ppb
Molybdenum	96-1	5.78	6.09	6.10	5.99	3.06	ppb
Molybdenum	97-1	1.41	1.49	1.49	1.46	3.35	ppb
Molybdenum	98-1	1.36	1.45	1.46	1.42	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	179.63	180.35	183.29	181.09	1.07	ppb
Phosphorus	31-2	2398.87	2367.09	2407.16	2391.04	0.88	ppb
Potassium	39-2	6533.74	6607.51	6734.51	6625.25	1.53	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	1.40	0.56	0.42	0.79	67.19	ppb
Selenium	77-2	15.17	12.51	17.46	15.05	16.45	ppb
Selenium	78-2	2.78	3.79	3.99	3.52	18.49	ppb
Silicon	28-1	1636.69	1697.13	1686.11	1673.31	1.92	ppb
Silver	107-1	0.19	0.17	0.18	0.18	4.56	ppb
Silver	109-1	0.17	0.17	0.17	0.17	0.21	ppb
Sodium	23-2	243.02	242.62	252.30	245.98	2.23	ppb
Strontium	86-1	87.40	88.90	89.36	88.56	1.16	ppb
Strontium	88-1	86.94	88.98	89.28	88.40	1.44	ppb
Sulfur	34-1	-1300.51	-1244.15	-1202.38	-1249.01		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.34	0.35	0.35	0.35	1.74	ppb
Thallium	205-1	0.35	0.35	0.35	0.35	0.27	ppb
Tin	118-1	2.52	2.57	2.59	2.56	1.35	ppb
Titanium	47-1	814.32	829.49	837.96	827.25	1.45	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-01	Instrumnet Name :	P7
Client Sample ID :	MYD5A9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:56:09	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.08	1.11	1.09	1.28	ppb
Vanadium	51-2	347.53	348.54	360.33	352.14	2.02	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	244.44	246.53	251.01	247.33	1.36	ppb
Zirconium	90-1	17.30	17.96	17.99	17.75	2.20	ppb
Zirconium	91-1	17.63	17.96	18.02	17.87	1.18	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-02	Instrumnet Name :	P7
Client Sample ID :	MYD5B0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:59:17	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63905.76	64304.21	65434.58	64548.18	1.23	ppb
Antimony	121-1	1.83	1.78	1.77	1.80	1.60	ppb
Arsenic	75-2	471.04	471.13	476.18	472.78	0.62	ppb
Barium	135-1	353.05	353.51	347.27	351.28	0.99	ppb
Barium	137-1	353.20	356.83	349.83	353.29	0.99	ppb
Beryllium	9-1	1.12	1.12	1.13	1.13	0.65	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.37	3.25	2.80	2.81	15.63	ppb
Cadmium	106-1	2.24	3.11	2.25	2.53	19.77	ppb
Cadmium	111-1	2.03	1.90	1.96	1.96	3.31	ppb
Calcium	43-1	6845.09	6815.09	6782.33	6814.17	0.46	ppb
Calcium	44-1	6440.07	6373.51	6307.12	6373.57	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	280.15	279.66	286.60	282.13	1.37	ppb
Cobalt	59-2	77.78	78.14	80.26	78.73	1.70	ppb
Copper	63-2	268.42	270.70	274.40	271.17	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				99		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	173009.75	177112.15	180172.64	176764.85	2.03	ppb
Iron	57-2	173161.88	171964.99	178671.29	174599.39	2.05	ppb
Iron	54-2	171556.67	174739.20	178553.06	174949.65	2.00	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-02	Instrumnet Name :	P7
Client Sample ID :	MYD5B0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:59:17	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	63.52	63.51	63.66	63.56	0.14	ppb
Lead	207-1	63.18	62.99	63.26	63.14	0.22	ppb
Lead	208-1	63.12	63.11	62.93	63.05	0.16	ppb
Lithium	6-1				93		%
Magnesium	24-2	42984.20	42899.81	44256.08	43380.03	1.75	ppb
Manganese	55-2	2415.87	2470.99	2506.64	2464.50	1.86	ppb
Molybdenum	94-1	13.71	13.72	13.41	13.61	1.31	ppb
Molybdenum	95-1	1.73	1.72	1.71	1.72	0.61	ppb
Molybdenum	96-1	4.25	4.40	4.36	4.34	1.85	ppb
Molybdenum	97-1	1.67	1.62	1.63	1.64	1.37	ppb
Molybdenum	98-1	1.64	1.74	1.68	1.69	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	150.99	151.88	156.10	152.99	1.79	ppb
Phosphorus	31-2	2211.87	2151.07	2215.30	2192.75	1.65	ppb
Potassium	39-2	9129.33	9100.59	9224.82	9151.58	0.71	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.65	1.06	0.52	0.75	38.21	ppb
Selenium	77-2	12.23	12.14	14.80	13.06	11.55	ppb
Selenium	78-2	2.85	2.44	2.00	2.43	17.55	ppb
Silicon	28-1	1475.60	1491.29	1466.85	1477.91	0.84	ppb
Silver	107-1	0.39	0.40	0.40	0.40	1.64	ppb
Silver	109-1	0.37	0.40	0.40	0.39	3.96	ppb
Sodium	23-2	131.06	129.66	136.10	132.27	2.56	ppb
Strontium	86-1	42.82	43.24	43.08	43.05	0.49	ppb
Strontium	88-1	42.94	43.08	43.16	43.06	0.26	ppb
Sulfur	34-1	-1279.14	-1257.70	-1244.84	-1260.56		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.18	0.22	0.21	0.20	8.49	ppb
Thallium	205-1	0.21	0.20	0.19	0.20	3.53	ppb
Tin	118-1	3.19	3.26	3.13	3.19	1.94	ppb
Titanium	47-1	412.37	416.11	414.22	414.23	0.45	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-02	Instrumnet Name :	P7
Client Sample ID :	MYD5B0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:59:17	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.79	0.80	0.78	2.66	ppb
Vanadium	51-2	394.45	397.66	405.04	399.05	1.36	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	357.55	360.40	363.50	360.48	0.83	ppb
Zirconium	90-1	6.86	6.80	6.80	6.82	0.53	ppb
Zirconium	91-1	6.79	7.01	6.88	6.89	1.67	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-03	Instrumnet Name :	P7
Client Sample ID :	MYD5B1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:02:28	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38720.72	38437.93	38434.79	38531.15	0.43	ppb
Antimony	121-1	2.99	3.05	3.13	3.06	2.32	ppb
Arsenic	75-2	822.29	820.84	808.26	817.13	0.94	ppb
Barium	135-1	377.83	379.55	391.30	382.89	1.91	ppb
Barium	137-1	380.81	384.22	394.64	386.56	1.86	ppb
Beryllium	9-1	1.42	1.41	1.42	1.42	0.19	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.97	2.26	2.00	2.07	7.79	ppb
Cadmium	106-1	1.79	1.61	2.06	1.82	12.52	ppb
Cadmium	111-1	0.59	0.54	0.61	0.58	6.17	ppb
Calcium	43-1	27299.56	27572.75	28016.17	27629.49	1.31	ppb
Calcium	44-1	25201.47	25842.15	25792.95	25612.19	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	216.10	216.98	216.80	216.62	0.22	ppb
Cobalt	59-2	82.50	81.96	82.76	82.41	0.50	ppb
Copper	63-2	207.56	207.26	206.77	207.20	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				99		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	166741.85	165874.86	166148.67	166255.13	0.27	ppb
Iron	57-2	165507.57	164612.22	164472.54	164864.11	0.34	ppb
Iron	54-2	165651.05	164745.13	164320.30	164905.49	0.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-03	Instrumnet Name :	P7
Client Sample ID :	MYD5B1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:02:28	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.53	22.81	23.38	22.91	1.90	ppb
Lead	207-1	21.69	21.86	22.06	21.87	0.85	ppb
Lead	208-1	21.87	22.03	22.46	22.12	1.38	ppb
Lithium	6-1				93		%
Magnesium	24-2	18830.29	18732.97	18740.44	18767.90	0.29	ppb
Manganese	55-2	3537.79	3527.69	3548.48	3537.99	0.29	ppb
Molybdenum	94-1	24.69	24.90	25.37	24.99	1.40	ppb
Molybdenum	95-1	2.00	2.14	2.04	2.06	3.55	ppb
Molybdenum	96-1	5.66	5.82	5.75	5.75	1.42	ppb
Molybdenum	97-1	2.08	2.02	2.19	2.10	3.92	ppb
Molybdenum	98-1	1.97	2.07	2.09	2.04	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	185.10	183.88	184.47	184.49	0.33	ppb
Phosphorus	31-2	2882.08	2817.36	2876.74	2858.73	1.26	ppb
Potassium	39-2	3863.84	3856.13	3858.83	3859.60	0.10	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	1.64	1.11	1.58	1.44	20.16	ppb
Selenium	77-2	21.60	12.27	15.95	16.61	28.32	ppb
Selenium	78-2	2.22	5.14	2.90	3.42	44.69	ppb
Silicon	28-1	1365.44	1402.90	1399.99	1389.44	1.50	ppb
Silver	107-1	0.13	0.12	0.12	0.12	6.26	ppb
Silver	109-1	0.11	0.10	0.12	0.11	10.24	ppb
Sodium	23-2	462.15	464.92	466.25	464.44	0.45	ppb
Strontium	86-1	83.61	83.75	86.40	84.58	1.86	ppb
Strontium	88-1	84.65	83.79	84.11	84.18	0.52	ppb
Sulfur	34-1	-1157.54	-1113.21	-1090.43	-1120.39		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.24	0.25	0.26	0.25	4.67	ppb
Thallium	205-1	0.24	0.25	0.25	0.25	1.97	ppb
Tin	118-1	2.36	2.43	2.53	2.44	3.37	ppb
Titanium	47-1	568.77	579.53	583.14	577.15	1.30	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-03	Instrumnet Name :	P7
Client Sample ID :	MYD5B1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:02:28	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.25	1.30	1.27	1.98	ppb
Vanadium	51-2	366.32	366.21	368.65	367.06	0.38	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	231.10	229.08	228.86	229.68	0.54	ppb
Zirconium	90-1	12.87	13.06	13.30	13.07	1.65	ppb
Zirconium	91-1	12.96	13.09	13.30	13.12	1.31	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-04	Instrumnet Name :	P7
Client Sample ID :	MYD5B2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:05:37	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38051.51	38212.60	37992.88	38085.67	0.30	ppb
Antimony	121-1	1.22	1.19	1.17	1.19	2.05	ppb
Arsenic	75-2	45.70	46.92	45.54	46.05	1.64	ppb
Barium	135-1	322.75	320.62	326.89	323.42	0.99	ppb
Barium	137-1	324.69	323.64	325.93	324.75	0.35	ppb
Beryllium	9-1	1.24	1.26	1.44	1.31	8.28	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.20	2.40	2.53	2.71	15.82	ppb
Cadmium	106-1	5.25	4.75	3.76	4.58	16.47	ppb
Cadmium	111-1	0.56	0.56	0.44	0.52	13.55	ppb
Calcium	43-1	76180.92	77950.90	77730.83	77287.55	1.25	ppb
Calcium	44-1	77638.16	78133.15	77668.55	77813.29	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83.80	83.73	83.63	83.72	0.10	ppb
Cobalt	59-2	36.09	36.18	36.71	36.33	0.93	ppb
Copper	63-2	81.62	81.81	82.03	81.82	0.25	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				96		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	87437.57	87288.39	87583.01	87436.32	0.17	ppb
Iron	57-2	86809.78	87102.00	87259.59	87057.12	0.26	ppb
Iron	54-2	87143.57	86501.87	86862.02	86835.82	0.37	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-04	Instrumnet Name :	P7
Client Sample ID :	MYD5B2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:05:37	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.37	16.88	17.16	17.14	1.43	ppb
Lead	207-1	15.62	15.24	15.33	15.40	1.29	ppb
Lead	208-1	16.07	15.78	15.94	15.93	0.90	ppb
Lithium	6-1				88		%
Magnesium	24-2	19704.78	19578.41	19649.84	19644.34	0.32	ppb
Manganese	55-2	1656.49	1639.58	1631.95	1642.68	0.76	ppb
Molybdenum	94-1	45.91	47.37	47.46	46.91	1.86	ppb
Molybdenum	95-1	0.94	0.93	0.95	0.94	0.86	ppb
Molybdenum	96-1	6.41	6.47	6.49	6.45	0.67	ppb
Molybdenum	97-1	0.91	0.97	0.89	0.92	4.33	ppb
Molybdenum	98-1	0.87	0.95	0.92	0.91	4.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.13	73.90	72.04	73.02	1.28	ppb
Phosphorus	31-2	2374.70	2386.66	2316.48	2359.28	1.59	ppb
Potassium	39-2	3882.65	3886.49	3881.02	3883.38	0.07	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	0.84	0.73	0.74	0.77	7.69	ppb
Selenium	77-2	13.08	9.57	14.33	12.33	20.03	ppb
Selenium	78-2	3.83	3.99	3.15	3.66	12.21	ppb
Silicon	28-1	1131.78	1134.04	1128.45	1131.42	0.25	ppb
Silver	107-1	0.09	0.10	0.12	0.10	13.28	ppb
Silver	109-1	0.07	0.08	0.09	0.08	9.23	ppb
Sodium	23-2	502.91	503.55	507.69	504.71	0.51	ppb
Strontium	86-1	137.42	138.95	141.25	139.20	1.39	ppb
Strontium	88-1	139.08	139.29	141.78	140.05	1.07	ppb
Sulfur	34-1	-573.35	-494.20	-528.31	-531.95		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.19	0.16	0.18	0.17	7.48	ppb
Thallium	205-1	0.17	0.17	0.17	0.17	2.27	ppb
Tin	118-1	2.82	2.81	2.86	2.83	0.97	ppb
Titanium	47-1	1280.91	1294.04	1291.60	1288.85	0.54	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-04	Instrumnet Name :	P7
Client Sample ID :	MYD5B2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:05:37	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.89	0.88	0.89	0.84	ppb
Vanadium	51-2	168.85	168.82	169.23	168.97	0.14	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	146.81	145.19	144.82	145.61	0.73	ppb
Zirconium	90-1	25.70	26.09	26.36	26.05	1.28	ppb
Zirconium	91-1	25.62	26.13	26.32	26.02	1.39	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05	Instrumnet Name :	P7
Client Sample ID :	MYD5B3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:08:49	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68942.49	81130.03	63094.29	71055.61	12.95	ppb
Antimony	121-1	2.69	2.66	2.75	2.70	1.69	ppb
Arsenic	75-2	483.60	583.03	445.28	503.97	14.11	ppb
Barium	135-1	506.95	506.24	513.81	509.00	0.82	ppb
Barium	137-1	535.55	535.41	536.02	535.66	0.06	ppb
Beryllium	9-1	1.71	1.70	1.70	1.70	0.44	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.94	2.28	2.41	2.21	10.87	ppb
Cadmium	106-1	3.61	2.31	0.93	2.28	58.50	ppb
Cadmium	111-1	1.20	1.10	1.10	1.13	4.96	ppb
Calcium	43-1	12513.45	12494.98	12775.99	12594.81	1.25	ppb
Calcium	44-1	11629.82	11776.27	11837.85	11747.98	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	352.88	423.35	324.11	366.78	13.92	ppb
Cobalt	59-2	105.45	126.67	97.58	109.90	13.69	ppb
Copper	63-2	243.69	293.07	224.47	253.74	13.95	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				100		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	184970.77	220114.34	169024.31	191369.80	13.66	ppb
Iron	57-2	180109.77	218849.96	167133.63	188697.78	14.26	ppb
Iron	54-2	181589.74	219579.21	167850.65	189673.20	14.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05	Instrumnet Name :	P7
Client Sample ID :	MYD5B3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:08:49	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.88	39.91	40.34	40.05	0.64	ppb
Lead	207-1	38.69	39.01	39.29	39.00	0.77	ppb
Lead	208-1	39.20	39.22	39.65	39.36	0.65	ppb
Lithium	6-1				94		%
Magnesium	24-2	43260.69	51947.40	40006.09	45071.39	13.70	ppb
Manganese	55-2	3943.08	4723.84	3651.47	4106.13	13.50	ppb
Molybdenum	94-1	18.21	18.71	18.69	18.54	1.54	ppb
Molybdenum	95-1	2.04	2.01	2.02	2.02	0.99	ppb
Molybdenum	96-1	5.07	5.20	5.27	5.18	1.97	ppb
Molybdenum	97-1	1.93	1.85	1.90	1.89	2.23	ppb
Molybdenum	98-1	1.90	1.85	1.91	1.89	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	223.06	266.02	206.97	232.02	13.16	ppb
Phosphorus	31-2	2331.60	2757.66	2040.76	2376.67	15.17	ppb
Potassium	39-2	9366.13	11283.15	8647.42	9765.57	13.95	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.77	1.66	1.83	1.42	40.08	ppb
Selenium	77-2	14.11	19.69	16.03	16.61	17.06	ppb
Selenium	78-2	4.07	7.19	3.18	4.81	43.78	ppb
Silicon	28-1	645.46	640.11	645.84	643.80	0.50	ppb
Silver	107-1	0.24	0.25	0.24	0.25	1.41	ppb
Silver	109-1	0.22	0.25	0.25	0.24	6.45	ppb
Sodium	23-2	165.37	199.88	149.98	171.74	14.88	ppb
Strontium	86-1	80.02	80.60	82.08	80.90	1.31	ppb
Strontium	88-1	80.11	81.09	80.87	80.69	0.64	ppb
Sulfur	34-1	-1215.73	-1266.10	-1227.78	-1236.54		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.32	0.31	0.31	0.31	0.67	ppb
Thallium	205-1	0.29	0.31	0.31	0.30	2.84	ppb
Tin	118-1	2.54	2.53	2.68	2.58	3.14	ppb
Titanium	47-1	566.12	568.77	576.62	570.50	0.96	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05	Instrumnet Name :	P7
Client Sample ID :	MYD5B3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:08:49	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.24	1.27	1.26	1.24	ppb
Vanadium	51-2	397.46	473.89	364.17	411.84	13.66	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	285.68	344.35	264.59	298.20	13.86	ppb
Zirconium	90-1	9.35	9.51	9.55	9.47	1.15	ppb
Zirconium	91-1	9.52	9.55	9.76	9.61	1.34	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-06	Instrumnet Name :	P7
Client Sample ID :	MYD5B3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:11:56	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69755.90	65902.88	66389.82	67349.53	3.12	ppb
Antimony	121-1	2.56	2.67	2.71	2.65	2.88	ppb
Arsenic	75-2	484.49	458.87	470.99	471.45	2.72	ppb
Barium	135-1	497.76	512.06	509.23	506.35	1.50	ppb
Barium	137-1	521.67	538.41	540.83	533.64	1.96	ppb
Beryllium	9-1	1.75	1.60	1.77	1.71	5.37	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.04	2.57	2.35	2.32	11.53	ppb
Cadmium	106-1	2.91	3.22	2.76	2.97	7.83	ppb
Cadmium	111-1	1.14	1.21	1.13	1.16	3.63	ppb
Calcium	43-1	12401.56	12800.53	12550.95	12584.35	1.60	ppb
Calcium	44-1	11548.85	11995.18	11747.60	11763.88	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	358.05	342.88	344.72	348.55	2.37	ppb
Cobalt	59-2	105.89	101.05	102.85	103.26	2.37	ppb
Copper	63-2	242.09	231.37	235.37	236.28	2.29	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				97		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	182582.86	176042.24	179056.97	179227.36	1.83	ppb
Iron	57-2	183788.37	173939.36	174761.41	177496.38	3.08	ppb
Iron	54-2	182071.97	175927.30	179231.48	179076.92	1.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-06	Instrumnet Name :	P7
Client Sample ID :	MYD5B3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:11:56	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.07	39.77	39.88	39.57	1.11	ppb
Lead	207-1	37.91	39.01	39.16	38.69	1.75	ppb
Lead	208-1	38.35	39.06	39.31	38.91	1.28	ppb
Lithium	6-1				92		%
Magnesium	24-2	43786.30	41544.48	42252.57	42527.78	2.69	ppb
Manganese	55-2	3928.15	3797.06	3839.21	3854.81	1.74	ppb
Molybdenum	94-1	19.11	19.85	19.98	19.65	2.37	ppb
Molybdenum	95-1	1.90	2.03	1.97	1.97	3.38	ppb
Molybdenum	96-1	5.16	5.37	5.43	5.32	2.64	ppb
Molybdenum	97-1	1.93	1.82	1.85	1.86	2.94	ppb
Molybdenum	98-1	1.84	1.87	1.93	1.88	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	226.54	214.62	218.83	220.00	2.75	ppb
Phosphorus	31-2	2294.38	2159.92	2226.26	2226.85	3.02	ppb
Potassium	39-2	9362.98	8884.53	9179.67	9142.39	2.64	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	1.22	1.17	1.20	1.20	2.24	ppb
Selenium	77-2	16.30	16.16	16.15	16.20	0.52	ppb
Selenium	78-2	5.15	1.59	4.94	3.89	51.29	ppb
Silicon	28-1	670.40	685.13	673.98	676.50	1.14	ppb
Silver	107-1	0.24	0.25	0.24	0.24	3.73	ppb
Silver	109-1	0.22	0.23	0.27	0.24	9.28	ppb
Sodium	23-2	163.07	154.28	157.65	158.33	2.80	ppb
Strontium	86-1	78.73	79.71	80.84	79.76	1.32	ppb
Strontium	88-1	79.14	80.91	80.18	80.08	1.11	ppb
Sulfur	34-1	-1159.64	-1054.93	-1097.19	-1103.92		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.31	0.33	0.32	0.32	3.02	ppb
Thallium	205-1	0.28	0.31	0.32	0.30	5.77	ppb
Tin	118-1	2.70	2.68	2.70	2.69	0.49	ppb
Titanium	47-1	577.88	595.05	586.13	586.35	1.46	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-06	Instrumnet Name :	P7
Client Sample ID :	MYD5B3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:11:56	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.21	1.24	1.26	1.24	2.09	ppb
Vanadium	51-2	394.56	378.27	385.09	385.97	2.12	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	285.08	276.36	279.77	280.41	1.57	ppb
Zirconium	90-1	9.99	10.27	10.24	10.17	1.48	ppb
Zirconium	91-1	10.11	10.38	10.10	10.19	1.57	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5B3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 19:15:07	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14156.95	13966.98	13503.06	13875.66	2.42	ppb
Antimony	121-1	0.53	0.51	0.53	0.52	2.22	ppb
Arsenic	75-2	99.79	94.86	92.05	95.57	4.10	ppb
Barium	135-1	97.81	96.00	100.39	98.07	2.25	ppb
Barium	137-1	97.31	98.75	99.57	98.54	1.16	ppb
Beryllium	9-1	0.33	0.35	0.35	0.35	3.05	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.47	0.38	0.53	0.46	17.21	ppb
Cadmium	106-1	0.30	-1.49	0.19	-0.33		ppb
Cadmium	111-1	0.23	0.11	0.18	0.18	34.10	ppb
Calcium	43-1	2510.97	2607.27	2550.24	2556.16	1.89	ppb
Calcium	44-1	2518.90	2596.66	2556.50	2557.35	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71.56	71.57	69.12	70.75	1.99	ppb
Cobalt	59-2	21.64	21.64	21.08	21.45	1.50	ppb
Copper	63-2	50.36	50.28	49.42	50.02	1.04	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				96		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	37578.26	37542.37	36136.07	37085.56	2.22	ppb
Iron	57-2	37293.27	37159.92	36196.29	36883.16	1.62	ppb
Iron	54-2	37701.77	37302.53	35828.67	36944.32	2.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5B3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 19:15:07	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.26	7.52	7.69	7.49	2.88	ppb
Lead	207-1	6.96	7.49	7.51	7.32	4.29	ppb
Lead	208-1	7.15	7.47	7.41	7.34	2.32	ppb
Lithium	6-1				91		%
Magnesium	24-2	8789.32	8686.04	8602.66	8692.68	1.08	ppb
Manganese	55-2	828.73	820.82	800.64	816.73	1.77	ppb
Molybdenum	94-1	3.51	3.73	3.53	3.59	3.36	ppb
Molybdenum	95-1	0.38	0.40	0.37	0.38	4.01	ppb
Molybdenum	96-1	0.98	1.07	1.00	1.02	4.72	ppb
Molybdenum	97-1	0.39	0.36	0.37	0.37	3.72	ppb
Molybdenum	98-1	0.35	0.39	0.36	0.37	4.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.96	45.44	44.76	45.39	1.32	ppb
Phosphorus	31-2	448.63	456.87	436.35	447.28	2.31	ppb
Potassium	39-2	2014.37	1984.05	1942.84	1980.42	1.81	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	82-1	0.46	0.41	1.06	0.64	56.37	ppb
Selenium	77-2	8.22	3.60	3.16	4.99	56.10	ppb
Selenium	78-2	1.44	1.88	1.67	1.67	13.24	ppb
Silicon	28-1	131.19	133.82	133.96	132.99	1.17	ppb
Silver	107-1	0.04	0.05	0.05	0.04	12.49	ppb
Silver	109-1	0.04	0.05	0.04	0.04	22.56	ppb
Sodium	23-2	39.44	39.48	38.63	39.18	1.23	ppb
Strontium	86-1	15.48	16.63	16.56	16.22	3.95	ppb
Strontium	88-1	15.79	16.61	16.32	16.24	2.54	ppb
Sulfur	34-1	-1011.71	-880.74	-1166.50	-1019.65		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.05	0.05	0.05	14.38	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	5.39	ppb
Tin	118-1	0.58	0.51	0.51	0.54	7.74	ppb
Titanium	47-1	112.64	117.80	115.56	115.33	2.24	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5B3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 19:15:07	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.24	0.22	0.22	4.25	ppb
Vanadium	51-2	78.93	78.68	76.91	78.18	1.41	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	59.08	59.11	58.79	58.99	0.30	ppb
Zirconium	90-1	1.75	1.83	1.86	1.82	3.22	ppb
Zirconium	91-1	1.72	1.92	1.93	1.86	6.49	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-07	Instrumnet Name :	P7
Client Sample ID :	MYD5B3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:18:19	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68681.44	68588.48	66789.12	68019.68	1.57	ppb
Antimony	121-1	65.30	64.71	66.14	65.38	1.10	ppb
Arsenic	75-2	499.44	490.41	492.85	494.23	0.95	ppb
Barium	135-1	1778.86	1726.83	1774.93	1760.21	1.65	ppb
Barium	137-1	1745.95	1737.67	1780.53	1754.72	1.30	ppb
Beryllium	9-1	33.28	32.90	33.55	33.24	0.99	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	30.34	28.61	29.85	29.60	3.00	ppb
Cadmium	106-1	31.02	30.35	28.66	30.01	4.06	ppb
Cadmium	111-1	32.94	32.63	33.60	33.06	1.51	ppb
Calcium	43-1	12300.41	12397.63	12454.17	12384.07	0.63	ppb
Calcium	44-1	11366.30	11471.30	11609.07	11482.23	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	468.87	463.85	454.76	462.49	1.55	ppb
Cobalt	59-2	401.93	399.62	390.36	397.30	1.54	ppb
Copper	63-2	379.33	375.04	368.89	374.42	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				97		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	183183.71	180088.64	176216.39	179829.58	1.94	ppb
Iron	57-2	179375.73	176826.56	174078.63	176760.31	1.50	ppb
Iron	54-2	180923.63	178602.01	174959.44	178161.70	1.69	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-07	Instrumnet Name :	P7
Client Sample ID :	MYD5B3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:18:19	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	49.61	50.80	52.01	50.80	2.36	ppb
Lead	207-1	48.92	49.69	50.65	49.75	1.75	ppb
Lead	208-1	49.13	49.67	50.91	49.90	1.84	ppb
Lithium	6-1				91		%
Magnesium	24-2	42513.60	42542.68	41453.25	42169.84	1.47	ppb
Manganese	55-2	4210.62	4142.13	4069.57	4140.77	1.70	ppb
Molybdenum	94-1	18.56	18.64	18.82	18.68	0.70	ppb
Molybdenum	95-1	1.87	1.97	1.92	1.92	2.67	ppb
Molybdenum	96-1	5.23	5.13	5.07	5.14	1.55	ppb
Molybdenum	97-1	1.76	1.94	1.93	1.88	5.59	ppb
Molybdenum	98-1	1.75	1.82	1.87	1.81	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.00	517.65	504.61	515.09	1.84	ppb
Phosphorus	31-2	2226.69	2228.46	2217.73	2224.30	0.26	ppb
Potassium	39-2	9244.40	9157.41	9056.57	9152.79	1.03	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	65.62	64.18	67.11	65.63	2.23	ppb
Selenium	77-2	75.65	83.08	77.74	78.82	4.86	ppb
Selenium	78-2	69.65	61.97	65.02	65.55	5.90	ppb
Silicon	28-1	648.13	661.87	667.48	659.16	1.51	ppb
Silver	107-1	31.81	31.59	32.31	31.90	1.16	ppb
Silver	109-1	31.53	31.50	32.09	31.71	1.05	ppb
Sodium	23-2	151.53	152.99	148.60	151.04	1.48	ppb
Strontium	86-1	78.81	78.81	80.09	79.23	0.93	ppb
Strontium	88-1	78.65	79.40	80.74	79.60	1.33	ppb
Sulfur	34-1	-1217.29	-1119.71	-1051.32	-1129.44		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	29.15	29.36	29.84	29.45	1.21	ppb
Thallium	205-1	28.45	29.08	29.54	29.02	1.88	ppb
Tin	118-1	2.53	2.51	2.59	2.54	1.63	ppb
Titanium	47-1	560.74	566.49	578.30	568.51	1.57	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-07	Instrumnet Name :	P7
Client Sample ID :	MYD5B3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:18:19	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.24	1.25	1.24	0.96	ppb
Vanadium	51-2	663.97	660.92	653.29	659.39	0.83	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	573.07	567.31	557.29	565.89	1.41	ppb
Zirconium	90-1	9.54	9.60	9.72	9.62	0.94	ppb
Zirconium	91-1	9.37	9.92	9.90	9.73	3.24	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD5B3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:21:28	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71476.04	71852.92	71381.90	71570.29	0.35	ppb
Antimony	121-1	300.12	297.09	295.25	297.49	0.83	ppb
Arsenic	75-2	570.74	571.28	576.56	572.86	0.56	ppb
Barium	135-1	6224.65	6215.22	6152.64	6197.50	0.63	ppb
Barium	137-1	6214.89	6160.00	6167.89	6180.92	0.48	ppb
Beryllium	9-1	146.70	149.07	146.12	147.30	1.06	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	130.28	132.01	131.48	131.26	0.68	ppb
Cadmium	106-1	132.64	126.63	126.58	128.62	2.71	ppb
Cadmium	111-1	147.78	146.50	145.07	146.45	0.93	ppb
Calcium	43-1	12005.02	12335.20	12286.26	12208.83	1.46	ppb
Calcium	44-1	11190.63	11334.20	11302.45	11275.76	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	887.18	894.71	886.79	889.56	0.50	ppb
Cobalt	59-2	1478.14	1465.42	1458.00	1467.19	0.69	ppb
Copper	63-2	897.06	899.70	893.71	896.82	0.33	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				97		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	183493.26	183231.53	181547.09	182757.29	0.58	ppb
Iron	57-2	179650.36	180769.33	181744.00	180721.23	0.58	ppb
Iron	54-2	182095.21	183242.61	182611.34	182649.72	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD5B3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:21:28	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	93.16	92.96	93.55	93.22	0.32	ppb
Lead	207-1	91.38	90.62	91.77	91.26	0.64	ppb
Lead	208-1	92.04	91.45	92.36	91.95	0.51	ppb
Lithium	6-1				90		%
Magnesium	24-2	42328.89	42536.80	42247.03	42370.91	0.35	ppb
Manganese	55-2	5205.39	5218.05	5262.30	5228.58	0.57	ppb
Molybdenum	94-1	18.10	18.02	18.12	18.08	0.28	ppb
Molybdenum	95-1	1.95	1.91	1.85	1.90	2.74	ppb
Molybdenum	96-1	5.04	5.01	5.03	5.03	0.21	ppb
Molybdenum	97-1	1.92	1.93	1.89	1.92	1.25	ppb
Molybdenum	98-1	1.92	1.87	1.93	1.91	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1612.17	1605.47	1601.42	1606.35	0.34	ppb
Phosphorus	31-2	2154.40	2235.84	2181.82	2190.68	1.89	ppb
Potassium	39-2	9026.00	9146.82	9133.67	9102.16	0.73	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	303.21	305.39	303.98	304.19	0.36	ppb
Selenium	77-2	302.96	300.55	308.53	304.01	1.35	ppb
Selenium	78-2	296.99	296.04	302.16	298.40	1.10	ppb
Silicon	28-1	644.75	665.17	664.95	658.29	1.78	ppb
Silver	107-1	118.60	118.41	113.39	116.80	2.53	ppb
Silver	109-1	103.45	118.82	117.41	113.23	7.50	ppb
Sodium	23-2	151.81	153.64	156.69	154.05	1.60	ppb
Strontium	86-1	78.70	78.76	78.99	78.81	0.19	ppb
Strontium	88-1	78.60	79.10	78.42	78.71	0.45	ppb
Sulfur	34-1	-1204.08	-1199.72	-1159.88	-1187.89		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	135.26	134.30	136.26	135.27	0.72	ppb
Thallium	205-1	147.33	144.28	145.69	145.76	1.05	ppb
Tin	118-1	2.51	2.49	2.48	2.50	0.65	ppb
Titanium	47-1	551.42	561.18	560.29	557.63	0.97	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD5B3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:21:28	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.22	1.22	1.22	0.41	ppb
Vanadium	51-2	1718.11	1717.22	1712.64	1715.99	0.17	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	1635.41	1642.42	1646.26	1641.36	0.34	ppb
Zirconium	90-1	9.37	9.41	9.29	9.36	0.67	ppb
Zirconium	91-1	9.47	9.49	9.63	9.53	0.91	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-08	Instrumnet Name :	P7
Client Sample ID :	MYD5B4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:24:28	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63804.16	64266.42	63723.96	63931.52	0.46	ppb
Antimony	121-1	5.62	5.22	5.33	5.39	3.78	ppb
Arsenic	75-2	259.82	258.14	262.32	260.09	0.81	ppb
Barium	135-1	535.45	492.97	504.32	510.91	4.30	ppb
Barium	137-1	557.64	491.89	527.58	525.70	6.26	ppb
Beryllium	9-1	2.10	2.01	1.95	2.02	3.76	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.01	2.79	2.86	2.89	3.96	ppb
Cadmium	106-1	4.76	4.38	3.76	4.30	11.72	ppb
Cadmium	111-1	0.80	0.71	0.75	0.75	6.00	ppb
Calcium	43-1	20332.21	19189.59	19647.68	19723.16	2.92	ppb
Calcium	44-1	18739.93	17709.76	18063.16	18170.95	2.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	209.63	208.12	211.65	209.80	0.85	ppb
Cobalt	59-2	84.73	84.68	84.51	84.64	0.14	ppb
Copper	63-2	196.88	197.30	196.93	197.03	0.12	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				94		%
Holmium	165-2				97		%
Indium	115-1				87		%
Indium	115-2				89		%
Iron	56-2	157271.54	157470.34	155214.30	156652.06	0.80	ppb
Iron	57-2	153889.87	154253.96	155627.61	154590.48	0.59	ppb
Iron	54-2	157251.98	154888.25	156127.38	156089.20	0.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-08	Instrumnet Name :	P7
Client Sample ID :	MYD5B4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:24:28	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.58	23.79	24.17	24.51	3.84	ppb
Lead	207-1	24.73	22.87	23.22	23.60	4.18	ppb
Lead	208-1	24.92	23.11	23.50	23.84	4.01	ppb
Lithium	6-1				88		%
Magnesium	24-2	32428.68	32225.48	32116.17	32256.78	0.49	ppb
Manganese	55-2	3436.36	3395.98	3389.81	3407.38	0.74	ppb
Molybdenum	94-1	52.44	47.65	48.75	49.61	5.05	ppb
Molybdenum	95-1	1.56	1.44	1.51	1.50	3.71	ppb
Molybdenum	96-1	8.08	7.58	7.59	7.75	3.65	ppb
Molybdenum	97-1	1.51	1.40	1.51	1.48	4.31	ppb
Molybdenum	98-1	1.51	1.43	1.45	1.46	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	172.45	172.08	171.02	171.85	0.43	ppb
Phosphorus	31-2	2393.09	2307.09	2401.74	2367.31	2.21	ppb
Potassium	39-2	9299.62	9268.14	9409.11	9325.62	0.79	ppb
Rhodium	103-1				84		%
Rhodium	103-2				88		%
Scandium	45-1				86		%
Scandium	45-2				90		%
Selenium	82-1	0.46	1.67	0.95	1.03	58.84	ppb
Selenium	77-2	17.17	16.25	17.19	16.87	3.20	ppb
Selenium	78-2	3.29	3.35	3.78	3.47	7.64	ppb
Silicon	28-1	1318.97	1243.95	1278.76	1280.56	2.93	ppb
Silver	107-1	0.32	0.21	0.20	0.25	27.22	ppb
Silver	109-1	0.31	0.21	0.19	0.24	27.15	ppb
Sodium	23-2	190.05	188.56	190.29	189.63	0.49	ppb
Strontium	86-1	98.84	91.87	93.47	94.73	3.85	ppb
Strontium	88-1	99.62	91.92	91.72	94.42	4.77	ppb
Sulfur	34-1	-494.33	-863.15	-811.21	-722.90		ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	0.40	0.36	0.36	0.37	5.70	ppb
Thallium	205-1	0.40	0.36	0.35	0.37	7.21	ppb
Tin	118-1	3.35	3.12	3.22	3.23	3.56	ppb
Titanium	47-1	1127.32	1050.57	1079.53	1085.81	3.57	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-08	Instrumnet Name :	P7
Client Sample ID :	MYD5B4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:24:28	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.06	1.08	1.09	4.26	ppb
Vanadium	51-2	319.97	320.19	318.99	319.72	0.20	ppb
Yttrium	89-1				92		%
Yttrium	89-2				95		%
Zinc	66-2	249.68	252.32	247.84	249.95	0.90	ppb
Zirconium	90-1	28.12	26.25	26.74	27.03	3.58	ppb
Zirconium	91-1	27.99	26.45	26.62	27.02	3.11	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-09	Instrumnet Name :	P7
Client Sample ID :	MYD5B5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:27:38	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60577.25	60794.16	59619.61	60330.34	1.04	ppb
Antimony	121-1	1.73	1.75	1.79	1.76	1.75	ppb
Arsenic	75-2	160.51	164.77	160.23	161.84	1.57	ppb
Barium	135-1	508.38	505.98	515.45	509.94	0.96	ppb
Barium	137-1	509.34	528.48	540.67	526.16	3.00	ppb
Beryllium	9-1	1.80	1.64	1.71	1.72	4.53	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.13	3.47	3.54	3.38	6.59	ppb
Cadmium	106-1	6.70	4.06	3.35	4.70	37.58	ppb
Cadmium	111-1	0.69	0.51	0.50	0.57	19.69	ppb
Calcium	43-1	31391.26	31768.33	32079.22	31746.27	1.09	ppb
Calcium	44-1	29327.75	29309.77	29635.04	29424.19	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205.19	207.00	204.08	205.42	0.72	ppb
Cobalt	59-2	69.90	70.50	69.55	69.99	0.69	ppb
Copper	63-2	141.28	142.00	140.72	141.34	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				97		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	136085.69	136103.74	134839.72	135676.38	0.53	ppb
Iron	57-2	135488.09	135263.46	132984.55	134578.70	1.03	ppb
Iron	54-2	135909.47	135744.83	133699.83	135118.04	0.91	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-09	Instrumnet Name :	P7
Client Sample ID :	MYD5B5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:27:38	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.05	21.39	21.64	21.36	1.39	ppb
Lead	207-1	19.99	20.29	20.35	20.21	0.95	ppb
Lead	208-1	20.42	20.71	20.89	20.67	1.16	ppb
Lithium	6-1				89		%
Magnesium	24-2	31697.96	31355.50	31383.85	31479.10	0.60	ppb
Manganese	55-2	2962.82	2965.73	2904.22	2944.25	1.18	ppb
Molybdenum	94-1	58.29	58.14	59.87	58.77	1.63	ppb
Molybdenum	95-1	1.17	1.12	1.15	1.15	2.14	ppb
Molybdenum	96-1	8.20	8.29	8.30	8.26	0.65	ppb
Molybdenum	97-1	1.06	1.04	1.08	1.06	1.64	ppb
Molybdenum	98-1	1.05	1.05	1.11	1.07	3.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	157.44	158.65	155.75	157.28	0.93	ppb
Phosphorus	31-2	2020.37	2017.37	2018.58	2018.77	0.07	ppb
Potassium	39-2	6918.29	7017.82	6881.18	6939.10	1.02	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	82-1	0.50	0.58	0.56	0.55	7.82	ppb
Selenium	77-2	11.47	17.96	13.13	14.18	23.76	ppb
Selenium	78-2	2.51	1.98	1.61	2.03	22.34	ppb
Silicon	28-1	1003.68	1018.30	1025.08	1015.69	1.08	ppb
Silver	107-1	0.13	0.14	0.14	0.13	5.86	ppb
Silver	109-1	0.11	0.11	0.11	0.11	0.65	ppb
Sodium	23-2	146.09	149.62	143.30	146.34	2.16	ppb
Strontium	86-1	84.04	84.68	85.09	84.60	0.63	ppb
Strontium	88-1	83.65	84.05	86.12	84.61	1.57	ppb
Sulfur	34-1	-983.77	-989.95	-986.55	-986.76		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.33	0.34	0.32	0.33	3.94	ppb
Thallium	205-1	0.33	0.32	0.33	0.33	2.37	ppb
Tin	118-1	2.82	2.92	3.02	2.92	3.47	ppb
Titanium	47-1	1023.62	1033.14	1042.44	1033.07	0.91	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-09	Instrumnet Name :	P7
Client Sample ID :	MYD5B5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:27:38	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.91	0.93	0.92	1.00	ppb
Vanadium	51-2	258.50	259.82	256.51	258.27	0.65	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	205.47	204.15	204.46	204.69	0.34	ppb
Zirconium	90-1	32.29	32.65	33.03	32.66	1.13	ppb
Zirconium	91-1	32.05	32.20	33.42	32.56	2.31	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-10	Instrumnet Name :	P7
Client Sample ID :	MYD5B6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:30:46	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37417.75	37722.97	37358.66	37499.79	0.52	ppb
Antimony	121-1	2.24	2.34	2.27	2.28	2.24	ppb
Arsenic	75-2	790.17	794.17	792.24	792.19	0.25	ppb
Barium	135-1	244.85	246.43	247.25	246.17	0.49	ppb
Barium	137-1	245.88	248.40	248.63	247.64	0.62	ppb
Beryllium	9-1	0.93	0.96	1.03	0.98	5.40	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.50	1.78	1.86	1.71	11.15	ppb
Cadmium	106-1	1.79	2.69	1.45	1.98	32.28	ppb
Cadmium	111-1	0.63	0.65	0.62	0.63	2.40	ppb
Calcium	43-1	18130.67	18213.14	18394.65	18246.15	0.74	ppb
Calcium	44-1	16843.18	16919.66	16917.66	16893.50	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	191.38	191.95	188.43	190.59	0.99	ppb
Cobalt	59-2	68.78	68.78	68.51	68.69	0.23	ppb
Copper	63-2	152.87	154.21	152.10	153.06	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				96		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	143100.67	143141.77	141847.04	142696.49	0.52	ppb
Iron	57-2	141372.04	142480.25	140017.97	141290.09	0.87	ppb
Iron	54-2	142343.45	142677.17	140701.70	141907.44	0.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-10	Instrumnet Name :	P7
Client Sample ID :	MYD5B6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:30:46	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.35	20.16	20.11	20.21	0.63	ppb
Lead	207-1	19.27	19.34	19.14	19.25	0.52	ppb
Lead	208-1	19.52	19.49	19.40	19.47	0.32	ppb
Lithium	6-1				90		%
Magnesium	24-2	21122.38	21126.94	21309.94	21186.42	0.51	ppb
Manganese	55-2	2715.41	2720.70	2679.35	2705.15	0.83	ppb
Molybdenum	94-1	17.89	17.85	18.39	18.05	1.67	ppb
Molybdenum	95-1	1.83	1.85	1.87	1.85	1.01	ppb
Molybdenum	96-1	4.61	4.78	4.80	4.73	2.22	ppb
Molybdenum	97-1	1.79	1.82	1.94	1.85	4.03	ppb
Molybdenum	98-1	1.81	1.74	1.86	1.80	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	150.46	153.01	149.91	151.13	1.09	ppb
Phosphorus	31-2	1685.91	1749.51	1692.93	1709.45	2.04	ppb
Potassium	39-2	2787.47	2778.87	2767.01	2777.78	0.37	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	82-1	0.72	1.43	1.26	1.14	32.54	ppb
Selenium	77-2	14.87	8.91	10.54	11.44	26.94	ppb
Selenium	78-2	3.10	4.13	2.45	3.22	26.25	ppb
Silicon	28-1	1084.28	1075.86	1093.45	1084.53	0.81	ppb
Silver	107-1	0.13	0.12	0.11	0.12	5.84	ppb
Silver	109-1	0.11	0.11	0.11	0.11	0.72	ppb
Sodium	23-2	167.13	166.67	167.93	167.25	0.38	ppb
Strontium	86-1	55.59	56.44	55.94	55.99	0.77	ppb
Strontium	88-1	55.65	56.71	56.76	56.37	1.11	ppb
Sulfur	34-1	-977.18	-1027.86	-1006.57	-1003.87		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.11	0.12	0.12	0.12	2.99	ppb
Thallium	205-1	0.12	0.11	0.12	0.12	4.44	ppb
Tin	118-1	2.03	2.21	2.13	2.13	4.19	ppb
Titanium	47-1	265.42	264.02	267.79	265.74	0.72	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-10	Instrumnet Name :	P7
Client Sample ID :	MYD5B6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:30:46	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.97	0.97	0.97	1.24	ppb
Vanadium	51-2	317.30	319.25	317.00	317.85	0.38	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	230.73	232.00	230.11	230.95	0.42	ppb
Zirconium	90-1	9.09	9.31	9.40	9.27	1.70	ppb
Zirconium	91-1	9.35	9.73	9.31	9.46	2.44	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-11	Instrumnet Name :	P7
Client Sample ID :	MYD5B7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:33:59	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36775.65	36837.23	37155.82	36922.90	0.55	ppb
Antimony	121-1	1.52	1.50	1.47	1.49	1.71	ppb
Arsenic	75-2	137.33	140.08	136.91	138.11	1.25	ppb
Barium	135-1	626.10	621.60	623.67	623.79	0.36	ppb
Barium	137-1	659.14	638.86	653.45	650.48	1.61	ppb
Beryllium	9-1	1.26	1.21	1.25	1.24	1.88	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.24	2.73	2.92	2.63	13.29	ppb
Cadmium	106-1	1.93	2.56	1.60	2.03	24.20	ppb
Cadmium	111-1	0.72	0.84	0.67	0.74	12.36	ppb
Calcium	43-1	12026.98	12353.51	12329.98	12236.82	1.49	ppb
Calcium	44-1	11278.15	11382.21	11500.35	11386.90	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.03	94.89	94.55	94.83	0.26	ppb
Cobalt	59-2	58.95	59.50	59.54	59.33	0.55	ppb
Copper	63-2	126.93	129.03	128.32	128.09	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				96		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	121881.75	122827.08	122999.29	122569.37	0.49	ppb
Iron	57-2	121696.44	121067.93	120888.09	121217.49	0.35	ppb
Iron	54-2	122033.03	122621.78	121575.42	122076.74	0.43	ppb
Krypton	83-1						cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-11	Instrumnet Name :	P7
Client Sample ID :	MYD5B7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:33:59	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.80	26.96	27.10	26.95	0.55	ppb
Lead	207-1	26.48	26.76	26.78	26.68	0.63	ppb
Lead	208-1	26.45	26.78	27.01	26.75	1.05	ppb
Lithium	6-1				89		%
Magnesium	24-2	18859.74	18997.77	18812.39	18889.97	0.51	ppb
Manganese	55-2	5634.97	5681.80	5669.68	5662.15	0.43	ppb
Molybdenum	94-1	36.69	36.69	37.57	36.98	1.39	ppb
Molybdenum	95-1	1.57	1.57	1.56	1.57	0.47	ppb
Molybdenum	96-1	6.15	6.25	6.17	6.19	0.86	ppb
Molybdenum	97-1	1.56	1.46	1.60	1.54	4.85	ppb
Molybdenum	98-1	1.48	1.46	1.43	1.46	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.55	96.19	96.55	96.43	0.22	ppb
Phosphorus	31-2	1393.42	1376.23	1394.80	1388.15	0.75	ppb
Potassium	39-2	5682.38	5669.89	5772.62	5708.30	0.98	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	0.51	0.70	0.84	0.68	24.14	ppb
Selenium	77-2	11.35	9.88	12.06	11.10	10.00	ppb
Selenium	78-2	0.88	3.42	3.50	2.60	57.36	ppb
Silicon	28-1	1278.65	1302.49	1311.19	1297.44	1.30	ppb
Silver	107-1	0.09	0.10	0.09	0.09	9.20	ppb
Silver	109-1	0.08	0.10	0.09	0.09	10.79	ppb
Sodium	23-2	82.81	82.53	83.17	82.84	0.39	ppb
Strontium	86-1	59.96	59.89	61.70	60.52	1.70	ppb
Strontium	88-1	60.03	60.62	61.19	60.61	0.96	ppb
Sulfur	34-1	-1053.55	-997.28	-994.98	-1015.27		ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.28	0.29	0.28	0.28	2.37	ppb
Thallium	205-1	0.27	0.28	0.30	0.28	4.35	ppb
Tin	118-1	2.05	1.93	1.98	1.99	3.05	ppb
Titanium	47-1	795.21	805.90	817.31	806.14	1.37	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-11	Instrumnet Name :	P7
Client Sample ID :	MYD5B7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:33:59	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.72	0.78	0.75	4.11	ppb
Vanadium	51-2	216.15	217.80	218.87	217.60	0.63	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	194.28	194.84	194.41	194.51	0.15	ppb
Zirconium	90-1	20.04	20.07	20.49	20.20	1.27	ppb
Zirconium	91-1	19.95	19.94	20.46	20.12	1.46	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-12	Instrumnet Name :	P7
Client Sample ID :	MYD5B8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:37:08	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61525.93	60994.05	61290.68	61270.22	0.44	ppb
Antimony	121-1	2.29	2.37	2.35	2.34	1.63	ppb
Arsenic	75-2	374.37	367.41	366.65	369.48	1.15	ppb
Barium	135-1	331.97	341.54	343.93	339.15	1.87	ppb
Barium	137-1	333.17	341.70	343.15	339.34	1.59	ppb
Beryllium	9-1	1.19	1.14	1.23	1.19	3.68	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.85	2.27	2.24	2.45	14.03	ppb
Cadmium	106-1	1.76	0.52	2.14	1.47	57.35	ppb
Cadmium	111-1	1.64	1.56	1.63	1.61	2.79	ppb
Calcium	43-1	7176.26	7232.51	7265.59	7224.79	0.63	ppb
Calcium	44-1	6687.48	6793.02	6783.33	6754.61	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	272.74	270.27	271.41	271.47	0.45	ppb
Cobalt	59-2	74.70	74.48	73.63	74.27	0.76	ppb
Copper	63-2	245.97	244.96	244.72	245.22	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				95		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				88		%
Iron	56-2	157877.95	156469.39	154757.53	156368.29	1.00	ppb
Iron	57-2	156378.48	155092.47	154337.68	155269.54	0.66	ppb
Iron	54-2	157182.76	155567.57	155310.49	156020.27	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-12	Instrumnet Name :	P7
Client Sample ID :	MYD5B8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:37:08	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	54.70	56.19	56.56	55.82	1.76	ppb
Lead	207-1	53.96	55.30	55.85	55.03	1.77	ppb
Lead	208-1	54.10	55.38	55.99	55.16	1.76	ppb
Lithium	6-1				87		%
Magnesium	24-2	40434.66	39920.72	39843.65	40066.34	0.80	ppb
Manganese	55-2	2602.17	2600.43	2560.16	2587.59	0.92	ppb
Molybdenum	94-1	19.36	19.72	19.98	19.69	1.57	ppb
Molybdenum	95-1	1.61	1.60	1.73	1.65	4.49	ppb
Molybdenum	96-1	4.80	4.83	4.82	4.82	0.30	ppb
Molybdenum	97-1	1.66	1.68	1.65	1.66	0.76	ppb
Molybdenum	98-1	1.58	1.63	1.61	1.61	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	158.29	158.11	157.43	157.94	0.28	ppb
Phosphorus	31-2	2184.98	2112.88	2070.70	2122.86	2.72	ppb
Potassium	39-2	9821.80	9584.25	9547.02	9651.02	1.54	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	1.51	0.95	0.15	0.87	78.53	ppb
Selenium	77-2	10.76	11.56	11.14	11.15	3.56	ppb
Selenium	78-2	5.43	2.82	4.17	4.14	31.51	ppb
Silicon	28-1	714.53	728.38	724.77	722.56	0.99	ppb
Silver	107-1	0.35	0.35	0.36	0.35	0.57	ppb
Silver	109-1	0.35	0.34	0.36	0.35	2.05	ppb
Sodium	23-2	115.01	112.07	113.17	113.42	1.31	ppb
Strontium	86-1	44.05	45.04	46.24	45.11	2.43	ppb
Strontium	88-1	44.80	45.38	45.94	45.37	1.26	ppb
Sulfur	34-1	-947.40	-1008.56	-925.11	-960.36		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.20	0.20	0.23	0.21	8.34	ppb
Thallium	205-1	0.19	0.20	0.21	0.20	4.59	ppb
Tin	118-1	3.37	3.42	3.39	3.39	0.77	ppb
Titanium	47-1	533.96	536.58	536.25	535.60	0.27	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-12	Instrumnet Name :	P7
Client Sample ID :	MYD5B8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:37:08	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.89	0.89	0.89	0.95	ppb
Vanadium	51-2	343.25	339.74	339.15	340.71	0.65	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	329.44	326.11	326.00	327.18	0.60	ppb
Zirconium	90-1	10.08	10.49	10.49	10.35	2.29	ppb
Zirconium	91-1	9.94	10.49	10.47	10.30	3.05	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-13	Instrumnet Name :	P7
Client Sample ID :	MYD5B9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:40:19	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50253.03	50040.09	50215.30	50169.47	0.23	ppb
Antimony	121-1	1.92	1.95	1.95	1.94	0.80	ppb
Arsenic	75-2	366.18	375.39	376.56	372.71	1.53	ppb
Barium	135-1	286.91	288.76	292.74	289.47	1.03	ppb
Barium	137-1	287.55	289.68	292.32	289.85	0.82	ppb
Beryllium	9-1	0.97	1.01	0.94	0.97	3.17	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.27	2.25	1.63	2.05	17.67	ppb
Cadmium	106-1	2.60	1.40	0.47	1.49	71.73	ppb
Cadmium	111-1	1.57	1.51	1.48	1.52	3.08	ppb
Calcium	43-1	6051.76	6093.47	6159.19	6101.47	0.89	ppb
Calcium	44-1	5566.39	5666.14	5700.71	5644.41	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	215.15	216.73	217.12	216.33	0.48	ppb
Cobalt	59-2	62.93	64.11	63.71	63.58	0.95	ppb
Copper	63-2	223.89	227.71	226.27	225.96	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				97		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	133835.92	137122.71	136456.67	135805.10	1.28	ppb
Iron	57-2	133233.07	134236.45	133847.07	133772.20	0.38	ppb
Iron	54-2	134280.95	135979.19	136661.56	135640.57	0.90	ppb
Krypton	83-1						cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-13	Instrumnet Name :	P7
Client Sample ID :	MYD5B9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:40:19	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.90	49.76	50.61	49.76	1.72	ppb
Lead	207-1	48.51	49.17	49.94	49.20	1.45	ppb
Lead	208-1	48.71	49.31	50.09	49.37	1.41	ppb
Lithium	6-1				90		%
Magnesium	24-2	32578.26	32493.76	33113.98	32728.67	1.03	ppb
Manganese	55-2	2188.57	2210.22	2224.83	2207.87	0.83	ppb
Molybdenum	94-1	13.39	13.64	13.55	13.53	0.91	ppb
Molybdenum	95-1	1.44	1.50	1.53	1.49	3.02	ppb
Molybdenum	96-1	3.88	3.68	3.89	3.82	3.10	ppb
Molybdenum	97-1	1.54	1.51	1.50	1.52	1.23	ppb
Molybdenum	98-1	1.44	1.47	1.48	1.46	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.72	127.86	129.27	128.29	0.67	ppb
Phosphorus	31-2	1780.67	1835.06	1796.07	1803.93	1.55	ppb
Potassium	39-2	8109.64	8139.32	8364.03	8204.33	1.70	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	1.08	1.11	0.80	1.00	17.39	ppb
Selenium	77-2	7.29	7.79	10.37	8.48	19.49	ppb
Selenium	78-2	3.52	2.16	2.61	2.77	25.00	ppb
Silicon	28-1	1046.51	1063.81	1060.40	1056.91	0.87	ppb
Silver	107-1	0.36	0.38	0.37	0.37	2.80	ppb
Silver	109-1	0.35	0.36	0.37	0.36	3.54	ppb
Sodium	23-2	114.44	114.72	113.26	114.14	0.68	ppb
Strontium	86-1	39.38	39.52	40.27	39.72	1.21	ppb
Strontium	88-1	39.48	39.70	40.04	39.74	0.71	ppb
Sulfur	34-1	-975.92	-1016.46	-996.84	-996.41		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.19	0.19	0.20	0.19	1.33	ppb
Thallium	205-1	0.18	0.18	0.19	0.19	2.18	ppb
Tin	118-1	2.46	2.55	2.54	2.51	1.99	ppb
Titanium	47-1	471.06	479.68	482.27	477.67	1.23	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-13	Instrumnet Name :	P7
Client Sample ID :	MYD5B9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:40:19	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.81	0.79	0.80	1.61	ppb
Vanadium	51-2	289.27	293.21	292.30	291.59	0.71	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	280.31	287.93	288.28	285.51	1.58	ppb
Zirconium	90-1	6.83	6.81	7.00	6.88	1.57	ppb
Zirconium	91-1	7.06	6.81	6.96	6.94	1.82	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-14	Instrumnet Name :	P7
Client Sample ID :	MYD5C0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:43:29	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42186.45	42132.42	42304.01	42207.63	0.21	ppb
Antimony	121-1	3.67	3.72	3.83	3.74	2.26	ppb
Arsenic	75-2	880.90	875.64	875.29	877.28	0.36	ppb
Barium	135-1	242.29	245.63	248.78	245.56	1.32	ppb
Barium	137-1	241.88	245.14	247.78	244.93	1.21	ppb
Beryllium	9-1	0.89	0.96	0.94	0.93	4.08	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.36	1.28	1.45	1.70	34.43	ppb
Cadmium	106-1	0.87	1.47	0.55	0.96	48.77	ppb
Cadmium	111-1	0.59	0.60	0.63	0.61	3.56	ppb
Calcium	43-1	19470.59	19504.28	19535.50	19503.46	0.17	ppb
Calcium	44-1	17882.59	18126.13	18302.55	18103.76	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	190.55	190.86	191.45	190.95	0.24	ppb
Cobalt	59-2	81.01	81.88	81.38	81.42	0.53	ppb
Copper	63-2	173.11	175.63	174.89	174.55	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				96		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	160075.00	161484.96	160770.02	160776.66	0.44	ppb
Iron	57-2	160098.43	159928.63	159176.11	159734.39	0.31	ppb
Iron	54-2	159534.58	161330.25	159891.52	160252.12	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-14	Instrumnet Name :	P7
Client Sample ID :	MYD5C0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:43:29	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.38	21.49	21.79	21.55	0.99	ppb
Lead	207-1	20.36	20.55	20.79	20.56	1.04	ppb
Lead	208-1	20.69	20.87	21.10	20.89	0.96	ppb
Lithium	6-1				90		%
Magnesium	24-2	26420.67	26536.78	26362.29	26439.91	0.34	ppb
Manganese	55-2	2665.19	2663.27	2671.40	2666.62	0.16	ppb
Molybdenum	94-1	13.32	14.03	13.68	13.68	2.61	ppb
Molybdenum	95-1	2.04	2.15	2.11	2.10	2.60	ppb
Molybdenum	96-1	4.39	4.63	4.75	4.59	3.95	ppb
Molybdenum	97-1	2.10	2.14	2.17	2.14	1.80	ppb
Molybdenum	98-1	2.00	2.11	2.10	2.07	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	144.08	145.46	144.57	144.70	0.49	ppb
Phosphorus	31-2	1951.74	1953.01	2033.33	1979.36	2.36	ppb
Potassium	39-2	4020.59	4059.75	4059.59	4046.64	0.56	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	0.53	0.92	0.90	0.78	28.24	ppb
Selenium	77-2	12.59	10.97	7.71	10.42	23.82	ppb
Selenium	78-2	3.06	1.62	2.70	2.46	30.55	ppb
Silicon	28-1	681.13	688.70	691.60	687.14	0.79	ppb
Silver	107-1	0.11	0.11	0.11	0.11	1.61	ppb
Silver	109-1	0.09	0.10	0.10	0.10	4.68	ppb
Sodium	23-2	163.62	167.00	167.89	166.17	1.36	ppb
Strontium	86-1	62.88	64.12	64.62	63.87	1.40	ppb
Strontium	88-1	63.10	64.57	65.15	64.27	1.64	ppb
Sulfur	34-1	-872.48	-826.21	-812.47	-837.05		ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.11	0.10	0.10	0.10	3.17	ppb
Thallium	205-1	0.11	0.12	0.12	0.12	2.98	ppb
Tin	118-1	2.33	2.35	2.41	2.37	1.77	ppb
Titanium	47-1	252.85	256.96	256.72	255.51	0.90	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-14	Instrumnet Name :	P7
Client Sample ID :	MYD5C0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:43:29	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.92	0.95	0.93	2.14	ppb
Vanadium	51-2	356.65	360.41	361.40	359.49	0.70	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	240.55	245.55	242.69	242.93	1.03	ppb
Zirconium	90-1	6.53	6.76	6.76	6.68	1.95	ppb
Zirconium	91-1	6.69	6.99	6.98	6.89	2.46	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:49:27	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49875.04	49822.07	48941.56	49546.22	1.06	ppb
Antimony	121-1	503.27	512.34	510.30	508.63	0.94	ppb
Arsenic	75-2	500.20	505.66	502.02	502.63	0.55	ppb
Barium	135-1	2549.49	2594.96	2609.79	2584.75	1.22	ppb
Barium	137-1	2509.82	2569.27	2573.71	2550.93	1.40	ppb
Beryllium	9-1	518.33	516.99	517.45	517.59	0.13	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	498.14	507.25	509.94	505.11	1.22	ppb
Cadmium	106-1	496.77	502.84	501.63	500.41	0.64	ppb
Cadmium	111-1	489.99	494.99	498.12	494.37	0.83	ppb
Calcium	43-1	257302.88	256336.90	261982.28	258540.68	1.17	ppb
Calcium	44-1	255091.07	256201.83	260563.70	257285.53	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523.34	526.06	519.41	522.94	0.64	ppb
Cobalt	59-2	518.34	522.67	517.59	519.54	0.53	ppb
Copper	63-2	5119.89	5129.46	5139.40	5129.58	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				93		%
Holmium	165-2				92		%
Indium	115-1				82		%
Indium	115-2				81		%
Iron	56-2	133656.16	132072.11	132976.84	132901.70	0.60	ppb
Iron	57-2	134831.61	133794.84	131485.05	133370.50	1.28	ppb
Iron	54-2	132237.01	132679.84	132336.72	132417.86	0.18	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:49:27	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2649.72	2637.24	2697.41	2661.46	1.19	ppb
Lead	207-1	2621.12	2632.20	2712.22	2655.18	1.87	ppb
Lead	208-1	2632.84	2642.99	2697.40	2657.74	1.31	ppb
Lithium	6-1				84		%
Magnesium	24-2	248379.95	249436.89	244544.35	247453.73	1.04	ppb
Manganese	55-2	5197.85	5214.21	5228.50	5213.52	0.29	ppb
Molybdenum	94-1	5151.70	5253.89	5255.68	5220.42	1.14	ppb
Molybdenum	95-1	5108.71	5254.33	5218.50	5193.85	1.46	ppb
Molybdenum	96-1	5136.88	5254.19	5282.20	5224.42	1.48	ppb
Molybdenum	97-1	5138.79	5233.71	5311.37	5227.96	1.65	ppb
Molybdenum	98-1	5132.38	5266.31	5296.11	5231.60	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.62	512.94	517.64	515.06	0.46	ppb
Phosphorus	31-2	10012.91	10050.62	10081.13	10048.22	0.34	ppb
Potassium	39-2	126715.44	126085.50	126156.05	126318.99	0.27	ppb
Rhodium	103-1				78		%
Rhodium	103-2				77		%
Scandium	45-1				78		%
Scandium	45-2				78		%
Selenium	82-1	489.93	506.92	499.02	498.62	1.71	ppb
Selenium	77-2	470.89	502.01	478.71	483.87	3.35	ppb
Selenium	78-2	498.19	499.84	511.17	503.07	1.40	ppb
Silicon	28-1	565.36	563.10	570.92	566.46	0.71	ppb
Silver	107-1	501.53	498.72	500.20	500.15	0.28	ppb
Silver	109-1	492.69	488.33	499.88	493.63	1.18	ppb
Sodium	23-2	253082.32	253288.18	249016.44	251795.65	0.96	ppb
Strontium	86-1	12679.19	12942.09	13078.13	12899.80	1.57	ppb
Strontium	88-1	12706.18	13008.96	13212.87	12976.00	1.96	ppb
Sulfur	34-1	10370.17	10394.36	10484.32	10416.28	0.58	ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	536.68	536.08	548.14	540.30	1.26	ppb
Thallium	205-1	521.39	524.03	540.37	528.60	1.95	ppb
Tin	118-1	508.19	512.69	518.61	513.16	1.02	ppb
Titanium	47-1	5173.04	5178.19	5248.55	5199.93	0.81	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:49:27	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	543.98	546.26	555.00	548.41	1.06	ppb
Vanadium	51-2	529.10	532.45	521.48	527.68	1.07	ppb
Yttrium	89-1				85		%
Yttrium	89-2				82		%
Zinc	66-2	5007.45	5151.26	5102.20	5086.97	1.44	ppb
Zirconium	90-1	514.60	524.10	529.12	522.61	1.41	ppb
Zirconium	91-1	517.43	527.20	529.57	524.73	1.23	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:52:15	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	0.62	0.72	0.62	15.62	ppb
Antimony	121-1	0.39	0.40	0.45	0.41	7.20	ppb
Arsenic	75-2	0.03	0.01	0.00	0.01	95.59	ppb
Barium	135-1	0.02	0.01	0.04	0.02	81.10	ppb
Barium	137-1	0.04	0.02	0.04	0.04	30.99	ppb
Beryllium	9-1	0.16	0.14	0.15	0.15	7.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.12	0.03	0.07	62.22	ppb
Cadmium	106-1	-1.61	0.34	-0.97	-0.75		ppb
Cadmium	111-1	-0.10	0.04	-0.04	-0.03		ppb
Calcium	43-1	0.57	4.05	1.96	2.19	79.76	ppb
Calcium	44-1	5.69	4.85	4.90	5.15	9.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.04	0.00	-0.01		ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	334.13	ppb
Copper	63-2	0.17	0.18	0.15	0.17	9.89	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				96		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	4.01	4.17	3.92	4.03	3.12	ppb
Iron	57-2	-0.16	1.01	0.10	0.32	195.17	ppb
Iron	54-2	4.75	5.16	5.35	5.09	5.94	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:52:15	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.24	0.21	0.19	0.21	11.35	ppb
Lead	207-1	0.25	0.18	0.20	0.21	15.81	ppb
Lead	208-1	0.23	0.20	0.19	0.21	10.19	ppb
Lithium	6-1				89		%
Magnesium	24-2	5.21	3.72	4.11	4.35	17.72	ppb
Manganese	55-2	0.11	0.15	0.13	0.13	15.71	ppb
Molybdenum	94-1	0.40	0.32	0.36	0.36	11.21	ppb
Molybdenum	95-1	0.24	0.25	0.21	0.23	10.22	ppb
Molybdenum	96-1	0.29	0.23	0.22	0.25	13.64	ppb
Molybdenum	97-1	0.28	0.22	0.26	0.25	12.43	ppb
Molybdenum	98-1	0.27	0.21	0.22	0.23	12.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-7.56	-13.81	-15.66	-12.34		ppb
Potassium	39-2	7.23	9.16	9.90	8.77	15.72	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				82		%
Scandium	45-2				83		%
Selenium	82-1	0.19	0.42	-0.12	0.16	166.04	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.28	-0.28	-1.75	-1.44		ppb
Silicon	28-1	-0.81	-0.84	-0.62	-0.76		ppb
Silver	107-1	0.14	0.11	0.07	0.11	32.70	ppb
Silver	109-1	0.14	0.10	0.07	0.10	35.82	ppb
Sodium	23-2	31.65	31.88	30.13	31.22	3.04	ppb
Strontium	86-1	0.28	0.22	0.17	0.22	23.32	ppb
Strontium	88-1	0.27	0.21	0.17	0.21	23.75	ppb
Sulfur	34-1	-251.18	-203.57	-84.92	-179.89		ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.09	0.06	0.05	0.07	27.55	ppb
Thallium	205-1	0.08	0.06	0.06	0.07	19.21	ppb
Tin	118-1	0.07	0.12	0.16	0.11	37.53	ppb
Titanium	47-1	0.13	0.12	0.13	0.12	2.75	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:52:15	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.00	0.01	31.91	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	10.55	ppb
Yttrium	89-1				88		%
Yttrium	89-2				89		%
Zinc	66-2	0.14	0.13	0.07	0.11	32.85	ppb
Zirconium	90-1	0.12	0.11	0.09	0.11	10.83	ppb
Zirconium	91-1	0.11	0.10	0.13	0.11	15.48	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-15	Instrumnet Name :	P7
Client Sample ID :	MYD5C1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:55:33	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67458.64	67877.28	68534.77	67956.90	0.80	ppb
Antimony	121-1	2.41	2.47	2.38	2.42	2.00	ppb
Arsenic	75-2	455.45	450.98	462.92	456.45	1.32	ppb
Barium	135-1	388.75	403.62	392.55	394.97	1.96	ppb
Barium	137-1	392.15	404.14	397.77	398.02	1.51	ppb
Beryllium	9-1	1.37	1.32	1.36	1.35	1.76	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.17	2.23	2.91	2.44	16.99	ppb
Cadmium	106-1	4.14	2.77	1.98	2.96	36.87	ppb
Cadmium	111-1	1.69	1.69	1.55	1.64	4.75	ppb
Calcium	43-1	8231.28	8303.39	8212.33	8249.00	0.58	ppb
Calcium	44-1	7584.54	7838.17	7613.43	7678.71	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	324.16	329.09	331.20	328.15	1.10	ppb
Cobalt	59-2	89.00	89.90	90.43	89.78	0.80	ppb
Copper	63-2	299.84	306.12	306.97	304.31	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				100		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	173692.78	173834.88	175134.24	174220.63	0.46	ppb
Iron	57-2	171686.94	171565.81	173746.70	172333.15	0.71	ppb
Iron	54-2	170213.41	173780.53	173421.90	172471.95	1.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-15	Instrumnet Name :	P7
Client Sample ID :	MYD5C1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:55:33	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.77	56.55	56.18	56.17	0.70	ppb
Lead	207-1	55.38	55.54	55.47	55.47	0.14	ppb
Lead	208-1	55.30	55.91	55.59	55.60	0.55	ppb
Lithium	6-1				93		%
Magnesium	24-2	45805.51	46703.52	46646.57	46385.20	1.08	ppb
Manganese	55-2	3038.84	3076.84	3079.84	3065.17	0.75	ppb
Molybdenum	94-1	15.47	15.77	15.40	15.55	1.25	ppb
Molybdenum	95-1	1.99	2.00	1.97	1.99	0.88	ppb
Molybdenum	96-1	4.75	4.72	4.79	4.75	0.68	ppb
Molybdenum	97-1	1.93	1.97	1.97	1.96	1.27	ppb
Molybdenum	98-1	1.93	1.93	1.94	1.94	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	185.70	187.74	188.76	187.40	0.83	ppb
Phosphorus	31-2	2104.16	2164.56	2176.59	2148.44	1.81	ppb
Potassium	39-2	9883.48	10173.29	10215.78	10090.85	1.79	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	0.80	1.89	1.75	1.48	40.15	ppb
Selenium	77-2	12.17	16.72	9.37	12.76	29.08	ppb
Selenium	78-2	3.25	2.91	3.35	3.17	7.32	ppb
Silicon	28-1	814.15	826.49	811.05	817.23	1.00	ppb
Silver	107-1	0.68	0.70	0.65	0.68	3.91	ppb
Silver	109-1	0.68	0.66	0.62	0.65	4.73	ppb
Sodium	23-2	154.08	162.37	162.46	159.64	3.02	ppb
Strontium	86-1	53.87	55.01	54.06	54.31	1.13	ppb
Strontium	88-1	54.35	54.99	54.64	54.66	0.59	ppb
Sulfur	34-1	-368.79	-382.28	-539.39	-430.15		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.38	0.42	0.37	0.39	6.61	ppb
Thallium	205-1	0.40	0.40	0.37	0.39	4.27	ppb
Tin	118-1	2.81	2.95	2.92	2.90	2.53	ppb
Titanium	47-1	500.82	507.45	499.79	502.69	0.83	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-15	Instrumnet Name :	P7
Client Sample ID :	MYD5C1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:55:33	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.98	0.97	0.96	2.08	ppb
Vanadium	51-2	377.83	380.64	380.87	379.78	0.44	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	313.96	318.55	317.64	316.72	0.77	ppb
Zirconium	90-1	7.81	7.86	7.75	7.80	0.69	ppb
Zirconium	91-1	7.92	7.86	7.78	7.85	0.93	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-16	Instrumnet Name :	P7
Client Sample ID :	MYD5C2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:58:44	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48220.26	47777.65	47378.12	47792.01	0.88	ppb
Antimony	121-1	2.26	2.23	2.22	2.23	0.89	ppb
Arsenic	75-2	387.15	390.79	382.71	386.88	1.05	ppb
Barium	135-1	460.47	431.76	438.86	443.70	3.37	ppb
Barium	137-1	463.08	437.58	444.51	448.39	2.94	ppb
Beryllium	9-1	1.89	1.77	1.90	1.85	3.96	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.54	2.49	2.69	2.57	4.01	ppb
Cadmium	106-1	6.33	4.67	4.25	5.08	21.71	ppb
Cadmium	111-1	0.84	0.70	0.65	0.73	13.82	ppb
Calcium	43-1	21081.91	20219.33	20490.38	20597.21	2.14	ppb
Calcium	44-1	19555.11	18815.90	18969.83	19113.61	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	173.93	171.06	173.05	172.68	0.85	ppb
Cobalt	59-2	75.38	73.96	74.34	74.56	0.98	ppb
Copper	63-2	166.80	162.59	161.82	163.73	1.64	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				99		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	142625.49	138429.47	137786.96	139613.97	1.88	ppb
Iron	57-2	139814.11	138085.34	136649.30	138182.92	1.15	ppb
Iron	54-2	141175.58	136998.87	138881.05	139018.50	1.50	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-16	Instrumnet Name :	P7
Client Sample ID :	MYD5C2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:58:44	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.39	22.90	23.18	23.49	3.36	ppb
Lead	207-1	23.54	22.31	22.51	22.79	2.89	ppb
Lead	208-1	23.97	22.50	22.74	23.07	3.42	ppb
Lithium	6-1				92		%
Magnesium	24-2	23877.21	23251.39	23575.38	23567.99	1.33	ppb
Manganese	55-2	3436.30	3348.80	3366.94	3384.02	1.36	ppb
Molybdenum	94-1	40.73	38.10	39.21	39.34	3.36	ppb
Molybdenum	95-1	1.59	1.48	1.53	1.53	3.61	ppb
Molybdenum	96-1	6.76	6.57	6.56	6.63	1.73	ppb
Molybdenum	97-1	1.59	1.35	1.40	1.45	8.74	ppb
Molybdenum	98-1	1.52	1.41	1.42	1.45	4.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	156.22	151.92	153.75	153.97	1.40	ppb
Phosphorus	31-2	2001.21	1883.22	2011.07	1965.17	3.62	ppb
Potassium	39-2	5543.55	5401.18	5442.33	5462.35	1.34	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	82-1	1.63	0.66	1.07	1.12	43.90	ppb
Selenium	77-2	12.00	13.11	11.11	12.07	8.29	ppb
Selenium	78-2	1.78	1.76	3.54	2.36	43.42	ppb
Silicon	28-1	1056.72	994.48	1020.24	1023.81	3.05	ppb
Silver	107-1	0.28	0.29	0.30	0.29	4.55	ppb
Silver	109-1	0.28	0.26	0.28	0.27	2.65	ppb
Sodium	23-2	206.44	203.48	206.22	205.38	0.80	ppb
Strontium	86-1	81.86	76.58	77.76	78.73	3.52	ppb
Strontium	88-1	81.31	77.59	77.77	78.89	2.66	ppb
Sulfur	34-1	-190.97	-434.42	-431.95	-352.45		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.37	0.31	0.31	0.33	9.42	ppb
Thallium	205-1	0.34	0.32	0.34	0.33	3.60	ppb
Tin	118-1	3.39	3.15	3.21	3.25	3.91	ppb
Titanium	47-1	846.29	814.45	825.15	828.63	1.96	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-16	Instrumnet Name :	P7
Client Sample ID :	MYD5C2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:58:44	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	0.91	0.94	0.94	3.50	ppb
Vanadium	51-2	285.30	279.00	280.31	281.54	1.18	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	210.51	205.69	206.83	207.67	1.21	ppb
Zirconium	90-1	22.17	21.11	21.48	21.59	2.50	ppb
Zirconium	91-1	22.01	21.21	21.65	21.62	1.85	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-17	Instrumnet Name :	P7
Client Sample ID :	MYD5C3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:01:53	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44643.61	43836.44	43186.61	43888.89	1.66	ppb
Antimony	121-1	2.59	2.60	2.64	2.61	1.05	ppb
Arsenic	75-2	597.71	579.73	577.15	584.86	1.91	ppb
Barium	135-1	492.64	498.28	497.54	496.15	0.62	ppb
Barium	137-1	515.10	521.77	525.29	520.72	0.99	ppb
Beryllium	9-1	1.74	1.89	1.76	1.79	4.50	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.21	2.72	2.72	2.55	11.61	ppb
Cadmium	106-1	5.24	5.16	4.56	4.99	7.44	ppb
Cadmium	111-1	1.56	1.53	1.47	1.52	3.02	ppb
Calcium	43-1	70894.85	71576.07	72503.01	71657.98	1.13	ppb
Calcium	44-1	66576.93	66496.15	67175.49	66749.52	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	543.20	537.43	529.64	536.76	1.27	ppb
Cobalt	59-2	79.54	77.74	76.77	78.02	1.81	ppb
Copper	63-2	155.11	152.37	151.28	152.92	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				99		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	162060.22	158462.49	157531.41	159351.38	1.50	ppb
Iron	57-2	160595.18	156787.27	156035.93	157806.13	1.55	ppb
Iron	54-2	161390.70	157813.86	155849.23	158351.26	1.77	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-17	Instrumnet Name :	P7
Client Sample ID :	MYD5C3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:01:53	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	119.42	120.01	121.03	120.16	0.68	ppb
Lead	207-1	120.81	121.66	122.22	121.56	0.58	ppb
Lead	208-1	118.97	119.22	120.39	119.53	0.63	ppb
Lithium	6-1				94		%
Magnesium	24-2	35547.42	34851.93	34599.86	34999.73	1.40	ppb
Manganese	55-2	7000.51	6937.00	6819.27	6918.93	1.33	ppb
Molybdenum	94-1	22.52	22.65	22.79	22.66	0.60	ppb
Molybdenum	95-1	2.31	2.34	2.24	2.30	2.25	ppb
Molybdenum	96-1	5.62	5.42	5.68	5.57	2.45	ppb
Molybdenum	97-1	2.25	2.30	2.23	2.26	1.75	ppb
Molybdenum	98-1	2.25	2.27	2.26	2.26	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	391.29	384.12	378.61	384.67	1.65	ppb
Phosphorus	31-2	1679.74	1623.91	1631.61	1645.09	1.84	ppb
Potassium	39-2	2233.70	2196.18	2179.29	2203.06	1.26	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.51	1.22	0.36	0.70	66.24	ppb
Selenium	77-2	23.08	18.93	19.51	20.51	10.96	ppb
Selenium	78-2	5.35	3.15	2.16	3.55	45.89	ppb
Silicon	28-1	1270.74	1289.62	1292.57	1284.31	0.92	ppb
Silver	107-1	0.11	0.11	0.12	0.11	4.26	ppb
Silver	109-1	0.09	0.10	0.10	0.10	4.91	ppb
Sodium	23-2	4495.04	4493.18	4353.17	4447.13	1.83	ppb
Strontium	86-1	102.05	101.54	103.82	102.47	1.17	ppb
Strontium	88-1	102.79	103.74	106.15	104.23	1.66	ppb
Sulfur	34-1	461.16	408.13	432.32	433.87	6.12	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.32	0.31	0.32	0.32	2.00	ppb
Thallium	205-1	0.30	0.29	0.31	0.30	3.46	ppb
Tin	118-1	2.62	2.76	2.78	2.72	3.16	ppb
Titanium	47-1	530.98	537.67	537.32	535.32	0.70	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-17	Instrumnet Name :	P7
Client Sample ID :	MYD5C3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:01:53	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.80	0.81	0.80	0.43	ppb
Vanadium	51-2	266.17	261.92	259.65	262.58	1.26	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	288.81	281.86	278.09	282.92	1.92	ppb
Zirconium	90-1	11.56	11.78	11.86	11.73	1.30	ppb
Zirconium	91-1	11.77	11.82	12.02	11.87	1.10	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-18	Instrumnet Name :	P7
Client Sample ID :	MYD5C4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:05:04	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45269.10	44275.87	44833.93	44792.97	1.11	ppb
Antimony	121-1	1.25	1.23	1.30	1.26	2.78	ppb
Arsenic	75-2	325.42	327.87	320.22	324.51	1.20	ppb
Barium	135-1	353.85	356.39	356.35	355.53	0.41	ppb
Barium	137-1	351.70	358.33	359.34	356.46	1.16	ppb
Beryllium	9-1	0.88	0.85	0.82	0.85	3.12	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.50	1.48	1.26	1.41	9.57	ppb
Cadmium	106-1	2.29	1.72	1.28	1.76	28.80	ppb
Cadmium	111-1	0.80	0.82	0.71	0.78	7.68	ppb
Calcium	43-1	8262.12	8375.91	8415.63	8351.22	0.95	ppb
Calcium	44-1	7781.40	7807.19	7936.53	7841.71	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	207.96	206.25	205.79	206.67	0.55	ppb
Cobalt	59-2	63.22	63.38	63.11	63.23	0.21	ppb
Copper	63-2	161.64	162.57	161.73	161.98	0.32	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				98		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	125942.19	126262.23	126960.78	126388.40	0.41	ppb
Iron	57-2	125051.74	125011.24	126196.84	125419.94	0.54	ppb
Iron	54-2	125583.28	126914.97	126097.22	126198.49	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-18	Instrumnet Name :	P7
Client Sample ID :	MYD5C4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:05:04	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.69	24.38	24.44	24.17	1.73	ppb
Lead	207-1	23.49	23.68	23.72	23.63	0.51	ppb
Lead	208-1	23.45	23.82	23.98	23.75	1.15	ppb
Lithium	6-1				93		%
Magnesium	24-2	29356.23	28994.81	28922.95	29091.33	0.80	ppb
Manganese	55-2	2153.48	2143.91	2175.57	2157.65	0.75	ppb
Molybdenum	94-1	9.69	9.97	10.05	9.90	1.94	ppb
Molybdenum	95-1	1.26	1.29	1.30	1.28	1.44	ppb
Molybdenum	96-1	3.17	3.22	3.23	3.21	1.03	ppb
Molybdenum	97-1	1.21	1.23	1.32	1.25	4.64	ppb
Molybdenum	98-1	1.23	1.30	1.22	1.25	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	121.57	121.70	122.56	121.94	0.44	ppb
Phosphorus	31-2	1755.67	1688.09	1763.35	1735.71	2.39	ppb
Potassium	39-2	7284.85	7392.27	7326.70	7334.61	0.74	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.07	1.32	0.81	0.73	85.75	ppb
Selenium	77-2	10.10	11.68	8.44	10.07	16.08	ppb
Selenium	78-2	3.74	1.44	1.31	2.16	63.33	ppb
Silicon	28-1	1598.89	1619.17	1614.96	1611.01	0.66	ppb
Silver	107-1	0.15	0.15	0.18	0.16	9.10	ppb
Silver	109-1	0.18	0.16	0.16	0.17	5.42	ppb
Sodium	23-2	226.69	231.27	227.70	228.55	1.05	ppb
Strontium	86-1	47.90	48.78	48.91	48.53	1.13	ppb
Strontium	88-1	48.03	48.75	49.04	48.60	1.07	ppb
Sulfur	34-1	-190.09	-251.89	-184.19	-208.72		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.13	0.17	0.15	0.15	11.23	ppb
Thallium	205-1	0.15	0.14	0.14	0.14	2.73	ppb
Tin	118-1	4.17	4.25	4.18	4.20	0.98	ppb
Titanium	47-1	406.76	412.14	411.70	410.20	0.73	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-18	Instrumnet Name :	P7
Client Sample ID :	MYD5C4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:05:04	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.61	0.61	0.61	1.58	ppb
Vanadium	51-2	283.84	284.73	283.36	283.97	0.24	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	225.16	224.62	230.16	226.65	1.35	ppb
Zirconium	90-1	4.95	5.12	5.14	5.07	2.05	ppb
Zirconium	91-1	5.03	5.14	5.12	5.09	1.10	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-19	Instrumnet Name :	P7
Client Sample ID :	MYD5C6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:08:14	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50084.41	51008.98	49978.23	50357.20	1.13	ppb
Antimony	121-1	1.70	1.75	1.68	1.71	2.06	ppb
Arsenic	75-2	275.47	275.85	275.69	275.67	0.07	ppb
Barium	135-1	704.52	712.06	712.21	709.60	0.62	ppb
Barium	137-1	741.71	747.84	742.81	744.12	0.44	ppb
Beryllium	9-1	1.77	1.82	1.79	1.79	1.55	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.53	2.20	2.16	2.30	8.67	ppb
Cadmium	106-1	4.48	3.59	3.32	3.80	15.92	ppb
Cadmium	111-1	0.98	1.02	0.94	0.98	3.86	ppb
Calcium	43-1	32087.90	32485.48	32841.69	32471.69	1.16	ppb
Calcium	44-1	30065.63	30182.81	30436.58	30228.34	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152.28	153.64	152.67	152.86	0.46	ppb
Cobalt	59-2	76.44	77.65	75.91	76.66	1.17	ppb
Copper	63-2	157.64	161.09	158.14	158.96	1.17	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				95		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	153899.51	156655.32	152082.17	154212.33	1.49	ppb
Iron	57-2	150200.04	152681.52	150636.86	151172.81	0.88	ppb
Iron	54-2	151691.30	156490.99	152232.74	153471.68	1.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-19	Instrumnet Name :	P7
Client Sample ID :	MYD5C6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:08:14	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.58	29.71	30.28	29.86	1.24	ppb
Lead	207-1	28.58	28.96	29.36	28.96	1.35	ppb
Lead	208-1	28.99	29.19	29.56	29.25	0.99	ppb
Lithium	6-1				91		%
Magnesium	24-2	25774.47	26276.46	25944.09	25998.34	0.98	ppb
Manganese	55-2	5257.59	5412.75	5281.75	5317.36	1.57	ppb
Molybdenum	94-1	25.10	24.84	25.12	25.02	0.63	ppb
Molybdenum	95-1	2.23	2.13	2.13	2.17	2.59	ppb
Molybdenum	96-1	5.74	5.68	5.59	5.67	1.33	ppb
Molybdenum	97-1	2.12	1.98	2.16	2.08	4.38	ppb
Molybdenum	98-1	2.07	2.02	2.03	2.04	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.32	139.03	137.43	138.26	0.58	ppb
Phosphorus	31-2	3505.34	3546.55	3419.35	3490.41	1.86	ppb
Potassium	39-2	7281.17	7351.74	7235.98	7289.63	0.80	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	0.21	0.62	0.48	0.44	48.22	ppb
Selenium	77-2	14.05	15.14	15.47	14.89	5.00	ppb
Selenium	78-2	2.86	4.22	4.31	3.79	21.43	ppb
Silicon	28-1	1324.54	1344.64	1357.21	1342.13	1.23	ppb
Silver	107-1	0.15	0.15	0.16	0.15	4.19	ppb
Silver	109-1	0.14	0.15	0.16	0.15	4.36	ppb
Sodium	23-2	216.81	220.01	219.77	218.86	0.82	ppb
Strontium	86-1	94.90	94.73	94.84	94.82	0.09	ppb
Strontium	88-1	95.54	95.97	95.33	95.61	0.34	ppb
Sulfur	34-1	-356.39	-322.84	-336.69	-338.64		ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.37	0.36	0.39	0.37	3.47	ppb
Thallium	205-1	0.35	0.36	0.35	0.36	1.15	ppb
Tin	118-1	2.79	2.88	2.88	2.85	1.87	ppb
Titanium	47-1	795.69	808.81	818.70	807.73	1.43	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-19	Instrumnet Name :	P7
Client Sample ID :	MYD5C6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:08:14	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.19	1.18	1.18	0.18	ppb
Vanadium	51-2	282.73	287.82	282.93	284.49	1.01	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	293.81	296.47	299.44	296.57	0.95	ppb
Zirconium	90-1	13.12	13.06	13.16	13.12	0.39	ppb
Zirconium	91-1	13.18	13.39	13.01	13.19	1.43	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-20	Instrumnet Name :	P7
Client Sample ID :	MYD5C7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:11:24	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64063.93	61860.12	62676.85	62866.97	1.77	ppb
Antimony	121-1	2.11	2.15	2.14	2.13	1.01	ppb
Arsenic	75-2	424.39	413.17	411.03	416.20	1.72	ppb
Barium	135-1	657.95	675.91	669.12	667.66	1.36	ppb
Barium	137-1	700.63	704.99	707.36	704.33	0.48	ppb
Beryllium	9-1	1.64	1.63	1.64	1.64	0.36	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.25	2.25	2.29	2.26	0.99	ppb
Cadmium	106-1	4.60	2.76	3.16	3.51	27.59	ppb
Cadmium	111-1	0.74	0.60	0.64	0.66	10.63	ppb
Calcium	43-1	15888.99	16188.71	16047.39	16041.69	0.93	ppb
Calcium	44-1	14839.32	15143.27	14919.19	14967.26	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	275.34	266.66	272.52	271.51	1.63	ppb
Cobalt	59-2	87.56	84.57	85.51	85.88	1.78	ppb
Copper	63-2	166.66	162.03	163.31	164.00	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				95		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	159149.06	153998.88	155274.80	156140.91	1.72	ppb
Iron	57-2	156856.70	152250.87	153506.35	154204.64	1.54	ppb
Iron	54-2	158556.16	151823.76	154317.41	154899.11	2.20	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-20	Instrumnet Name :	P7
Client Sample ID :	MYD5C7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:11:24	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.19	24.71	24.61	24.50	1.11	ppb
Lead	207-1	23.35	24.13	23.76	23.75	1.65	ppb
Lead	208-1	23.63	24.20	23.93	23.92	1.20	ppb
Lithium	6-1				90		%
Magnesium	24-2	34427.44	33327.98	34008.91	33921.44	1.64	ppb
Manganese	55-2	4306.22	4180.78	4234.02	4240.34	1.48	ppb
Molybdenum	94-1	34.82	35.68	36.23	35.58	2.00	ppb
Molybdenum	95-1	1.20	1.17	1.21	1.19	1.91	ppb
Molybdenum	96-1	5.83	5.86	5.87	5.85	0.34	ppb
Molybdenum	97-1	1.14	1.21	1.17	1.17	3.01	ppb
Molybdenum	98-1	1.04	1.14	1.14	1.11	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	170.90	168.85	171.17	170.31	0.74	ppb
Phosphorus	31-2	1961.49	1887.45	1929.88	1926.27	1.93	ppb
Potassium	39-2	6081.90	5905.45	6023.44	6003.60	1.50	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	0.57	0.06	0.84	0.49	80.25	ppb
Selenium	77-2	11.08	14.68	18.70	14.82	25.73	ppb
Selenium	78-2	2.41	3.70	5.74	3.95	42.42	ppb
Silicon	28-1	1335.92	1355.15	1356.61	1349.23	0.86	ppb
Silver	107-1	0.13	0.15	0.14	0.14	7.86	ppb
Silver	109-1	0.12	0.12	0.14	0.13	10.82	ppb
Sodium	23-2	175.09	172.71	176.74	174.85	1.16	ppb
Strontium	86-1	75.42	76.03	77.10	76.18	1.12	ppb
Strontium	88-1	75.91	76.53	77.74	76.73	1.22	ppb
Sulfur	34-1	-807.74	-771.50	-913.98	-831.08		ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.36	0.37	0.36	0.36	1.01	ppb
Thallium	205-1	0.35	0.35	0.37	0.36	3.26	ppb
Tin	118-1	2.60	2.73	2.64	2.65	2.49	ppb
Titanium	47-1	762.80	777.87	775.27	771.98	1.04	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-20	Instrumnet Name :	P7
Client Sample ID :	MYD5C7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:11:24	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	1.02	1.00	1.00	2.11	ppb
Vanadium	51-2	326.62	317.50	322.15	322.09	1.42	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	221.06	214.93	218.87	218.29	1.42	ppb
Zirconium	90-1	19.24	19.39	19.83	19.49	1.57	ppb
Zirconium	91-1	19.31	19.50	19.98	19.60	1.74	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-21	Instrumnet Name :	P7
Client Sample ID :	MYD5C8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:14:33	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32483.81	32326.52	32601.76	32470.70	0.43	ppb
Antimony	121-1	3.40	3.38	3.40	3.40	0.40	ppb
Arsenic	75-2	852.24	854.66	872.62	859.84	1.29	ppb
Barium	135-1	300.40	307.50	306.90	304.94	1.29	ppb
Barium	137-1	306.67	308.21	307.31	307.40	0.25	ppb
Beryllium	9-1	1.20	1.32	1.33	1.28	5.61	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.10	2.01	1.89	2.00	5.45	ppb
Cadmium	106-1	3.25	3.06	1.88	2.73	27.09	ppb
Cadmium	111-1	0.93	0.91	0.85	0.90	4.74	ppb
Calcium	43-1	8302.48	8352.70	8457.69	8370.96	0.95	ppb
Calcium	44-1	7655.90	7748.05	7860.00	7754.65	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	174.15	174.49	177.34	175.33	1.00	ppb
Cobalt	59-2	86.30	86.72	87.48	86.83	0.69	ppb
Copper	63-2	221.80	222.88	226.34	223.67	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				93		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	192795.13	193299.34	195901.55	193998.67	0.86	ppb
Iron	57-2	190686.51	191221.45	195178.15	192362.03	1.28	ppb
Iron	54-2	191278.07	191952.25	196214.58	193148.30	1.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-21	Instrumnet Name :	P7
Client Sample ID :	MYD5C8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:14:33	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.73	29.43	29.62	29.59	0.51	ppb
Lead	207-1	28.65	28.74	28.83	28.74	0.33	ppb
Lead	208-1	28.85	28.79	28.96	28.87	0.30	ppb
Lithium	6-1				88		%
Magnesium	24-2	15820.47	16039.08	16101.68	15987.08	0.92	ppb
Manganese	55-2	3080.58	3091.24	3142.84	3104.89	1.07	ppb
Molybdenum	94-1	21.31	21.88	22.21	21.80	2.10	ppb
Molybdenum	95-1	2.15	2.16	2.21	2.17	1.39	ppb
Molybdenum	96-1	5.58	5.80	5.74	5.71	1.97	ppb
Molybdenum	97-1	2.15	2.11	2.14	2.13	1.02	ppb
Molybdenum	98-1	2.06	2.17	2.21	2.15	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	152.95	154.72	157.19	154.96	1.38	ppb
Phosphorus	31-2	2571.00	2721.09	2659.50	2650.53	2.85	ppb
Potassium	39-2	4584.73	4608.78	4668.08	4620.53	0.93	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	1.09	1.59	1.16	1.28	21.09	ppb
Selenium	77-2	17.92	12.98	18.32	16.41	18.13	ppb
Selenium	78-2	2.89	3.56	3.57	3.34	11.59	ppb
Silicon	28-1	1103.02	1121.48	1129.14	1117.88	1.20	ppb
Silver	107-1	0.12	0.15	0.13	0.13	10.71	ppb
Silver	109-1	0.11	0.11	0.11	0.11	2.57	ppb
Sodium	23-2	142.00	143.08	146.40	143.83	1.60	ppb
Strontium	86-1	54.51	55.94	56.28	55.58	1.69	ppb
Strontium	88-1	55.46	56.14	56.13	55.91	0.71	ppb
Sulfur	34-1	-580.73	-600.21	-649.43	-610.13		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.20	0.18	0.19	0.19	4.02	ppb
Thallium	205-1	0.20	0.18	0.19	0.19	5.30	ppb
Tin	118-1	2.15	2.17	2.19	2.17	0.75	ppb
Titanium	47-1	370.50	377.25	379.73	375.83	1.27	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-21	Instrumnet Name :	P7
Client Sample ID :	MYD5C8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:14:33	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.20	1.20	1.23	1.21	1.29	ppb
Vanadium	51-2	429.45	430.41	440.62	433.49	1.43	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	272.39	274.85	281.68	276.31	1.74	ppb
Zirconium	90-1	11.06	11.35	11.41	11.27	1.66	ppb
Zirconium	91-1	11.32	11.38	11.49	11.40	0.77	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-22	Instrumnet Name :	P7
Client Sample ID :	MYD5C9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:17:46	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45195.17	43816.38	44373.37	44461.64	1.56	ppb
Antimony	121-1	2.81	2.80	2.76	2.79	0.91	ppb
Arsenic	75-2	789.16	773.25	778.14	780.19	1.04	ppb
Barium	135-1	403.01	412.08	408.78	407.96	1.12	ppb
Barium	137-1	403.39	413.36	409.37	408.71	1.23	ppb
Beryllium	9-1	1.50	1.57	1.62	1.56	4.03	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.81	2.29	2.24	2.11	12.42	ppb
Cadmium	106-1	2.05	2.01	2.80	2.29	19.60	ppb
Cadmium	111-1	0.72	0.72	0.84	0.76	9.41	ppb
Calcium	43-1	12198.20	12307.95	12266.87	12257.67	0.45	ppb
Calcium	44-1	11374.38	11365.09	11448.20	11395.89	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	211.89	209.17	210.98	210.68	0.66	ppb
Cobalt	59-2	108.46	107.30	108.53	108.09	0.64	ppb
Copper	63-2	304.16	303.72	304.82	304.23	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				94		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	199402.42	197518.75	198388.14	198436.44	0.48	ppb
Iron	57-2	198402.36	194148.06	197419.80	196656.74	1.13	ppb
Iron	54-2	196461.68	196057.68	197272.98	196597.45	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-22	Instrumnet Name :	P7
Client Sample ID :	MYD5C9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:17:46	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.26	22.58	22.74	22.52	1.09	ppb
Lead	207-1	21.34	21.83	21.70	21.62	1.16	ppb
Lead	208-1	21.61	22.05	22.16	21.94	1.34	ppb
Lithium	6-1				88		%
Magnesium	24-2	24186.87	23724.08	23741.22	23884.06	1.10	ppb
Manganese	55-2	4096.32	4016.13	4071.57	4061.34	1.01	ppb
Molybdenum	94-1	19.60	19.77	19.75	19.70	0.48	ppb
Molybdenum	95-1	1.83	1.87	1.89	1.87	1.53	ppb
Molybdenum	96-1	5.18	5.21	5.20	5.19	0.31	ppb
Molybdenum	97-1	1.83	1.85	2.00	1.89	4.89	ppb
Molybdenum	98-1	1.82	1.78	1.75	1.78	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	170.22	168.33	169.73	169.43	0.58	ppb
Phosphorus	31-2	1894.61	1836.57	1844.86	1858.68	1.69	ppb
Potassium	39-2	6471.62	6277.94	6476.77	6408.78	1.77	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	82-1	0.43	1.73	0.35	0.84	92.10	ppb
Selenium	77-2	9.96	10.94	10.25	10.38	4.81	ppb
Selenium	78-2	2.25	4.85	3.87	3.66	35.97	ppb
Silicon	28-1	1315.14	1331.21	1321.97	1322.77	0.61	ppb
Silver	107-1	0.14	0.14	0.15	0.14	1.00	ppb
Silver	109-1	0.11	0.13	0.12	0.12	7.49	ppb
Sodium	23-2	181.84	176.93	180.18	179.65	1.39	ppb
Strontium	86-1	72.79	74.04	73.96	73.60	0.95	ppb
Strontium	88-1	73.97	74.43	74.42	74.28	0.35	ppb
Sulfur	34-1	-678.94	-735.58	-706.28	-706.93		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.34	0.35	0.35	0.35	1.21	ppb
Thallium	205-1	0.34	0.35	0.34	0.34	1.32	ppb
Tin	118-1	2.16	2.22	2.19	2.19	1.34	ppb
Titanium	47-1	465.67	465.07	468.66	466.47	0.41	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-22	Instrumnet Name :	P7
Client Sample ID :	MYD5C9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:17:46	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.17	1.18	1.20	1.19	1.44	ppb
Vanadium	51-2	491.17	492.16	491.75	491.70	0.10	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	264.64	259.80	265.38	263.27	1.15	ppb
Zirconium	90-1	10.09	10.03	10.15	10.09	0.61	ppb
Zirconium	91-1	10.15	10.38	10.40	10.31	1.36	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-01	Instrumnet Name :	P7
Client Sample ID :	MYD5D0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:20:54	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63127.62	60393.89	65321.32	62947.61	3.92	ppb
Antimony	121-1	2.11	2.17	2.20	2.16	2.30	ppb
Arsenic	75-2	382.20	356.89	387.62	375.57	4.37	ppb
Barium	135-1	465.88	473.04	470.56	469.82	0.77	ppb
Barium	137-1	471.34	476.36	471.47	473.06	0.60	ppb
Beryllium	9-1	1.80	1.90	1.93	1.88	3.64	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.92	3.08	2.62	2.87	8.23	ppb
Cadmium	106-1	4.44	4.70	2.91	4.01	24.05	ppb
Cadmium	111-1	1.07	1.07	0.96	1.04	6.11	ppb
Calcium	43-1	17868.40	18218.76	18005.58	18030.91	0.98	ppb
Calcium	44-1	16683.41	17007.02	16787.52	16825.98	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	291.75	278.81	301.62	290.72	3.94	ppb
Cobalt	59-2	83.93	80.41	86.12	83.49	3.45	ppb
Copper	63-2	193.97	185.76	199.12	192.95	3.49	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				93		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	160333.70	153377.00	163841.75	159184.15	3.35	ppb
Iron	57-2	156363.33	150961.23	163540.31	156954.95	4.02	ppb
Iron	54-2	159398.08	153409.00	163329.08	158712.05	3.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-01	Instrumnet Name :	P7
Client Sample ID :	MYD5D0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:20:54	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.59	42.55	41.90	42.01	1.17	ppb
Lead	207-1	40.17	41.63	41.13	40.98	1.81	ppb
Lead	208-1	40.55	41.85	40.95	41.12	1.61	ppb
Lithium	6-1				86		%
Magnesium	24-2	34655.09	33552.42	35839.11	34682.21	3.30	ppb
Manganese	55-2	3743.69	3567.55	3841.59	3717.61	3.74	ppb
Molybdenum	94-1	39.07	39.95	40.29	39.77	1.59	ppb
Molybdenum	95-1	1.49	1.53	1.55	1.52	2.10	ppb
Molybdenum	96-1	6.64	6.91	6.72	6.75	2.04	ppb
Molybdenum	97-1	1.43	1.57	1.51	1.50	4.64	ppb
Molybdenum	98-1	1.49	1.55	1.52	1.52	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	204.83	198.14	210.45	204.47	3.01	ppb
Phosphorus	31-2	2177.31	1998.70	2275.89	2150.63	6.53	ppb
Potassium	39-2	8116.80	7677.43	8293.82	8029.35	3.95	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				84		%
Scandium	45-2				86		%
Selenium	82-1	0.57	0.95	0.50	0.67	36.49	ppb
Selenium	77-2	14.36	19.54	17.61	17.17	15.24	ppb
Selenium	78-2	3.88	3.52	0.95	2.78	57.36	ppb
Silicon	28-1	745.43	756.12	739.53	747.02	1.13	ppb
Silver	107-1	0.16	0.17	0.18	0.17	8.06	ppb
Silver	109-1	0.16	0.15	0.15	0.16	5.25	ppb
Sodium	23-2	204.72	194.76	210.36	203.28	3.89	ppb
Strontium	86-1	78.34	80.71	80.36	79.80	1.60	ppb
Strontium	88-1	78.91	80.63	80.71	80.08	1.27	ppb
Sulfur	34-1	-729.82	-569.46	-590.84	-630.04		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.33	0.31	0.33	0.32	4.34	ppb
Thallium	205-1	0.30	0.33	0.32	0.32	4.57	ppb
Tin	118-1	4.63	4.63	4.66	4.64	0.38	ppb
Titanium	47-1	774.90	789.95	781.24	782.03	0.97	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-01	Instrumnet Name :	P7
Client Sample ID :	MYD5D0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:20:54	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.15	1.16	1.15	0.70	ppb
Vanadium	51-2	316.06	303.04	323.71	314.27	3.33	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%
Zinc	66-2	260.58	248.17	264.49	257.75	3.31	ppb
Zirconium	90-1	21.45	22.17	21.72	21.78	1.67	ppb
Zirconium	91-1	21.54	21.84	22.06	21.81	1.19	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-02	Instrumnet Name :	P7
Client Sample ID :	MYD5D1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:24:06	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75847.14	74735.68	75046.86	75209.89	0.76	ppb
Antimony	121-1	1.85	1.84	1.85	1.85	0.40	ppb
Arsenic	75-2	511.02	505.00	503.19	506.40	0.81	ppb
Barium	135-1	485.08	483.46	486.58	485.04	0.32	ppb
Barium	137-1	487.14	485.41	489.92	487.49	0.47	ppb
Beryllium	9-1	1.95	1.80	1.86	1.87	4.12	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.64	2.52	2.83	2.66	5.74	ppb
Cadmium	106-1	5.29	5.85	4.27	5.14	15.61	ppb
Cadmium	111-1	0.64	0.70	0.62	0.66	6.20	ppb
Calcium	43-1	15370.13	15585.70	15714.24	15556.69	1.12	ppb
Calcium	44-1	14401.20	14486.12	14535.67	14474.33	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	397.56	400.59	398.55	398.90	0.39	ppb
Cobalt	59-2	90.84	91.27	90.20	90.77	0.59	ppb
Copper	63-2	168.66	169.16	166.50	168.11	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				92		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	167997.14	169236.93	167580.85	168271.64	0.51	ppb
Iron	57-2	167204.69	167024.50	166230.33	166819.84	0.31	ppb
Iron	54-2	167529.84	167406.42	167497.14	167477.80	0.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-02	Instrumnet Name :	P7
Client Sample ID :	MYD5D1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:24:06	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.78	19.66	20.02	19.82	0.94	ppb
Lead	207-1	18.57	18.41	18.83	18.60	1.13	ppb
Lead	208-1	19.02	19.06	19.32	19.13	0.84	ppb
Lithium	6-1				87		%
Magnesium	24-2	41593.31	41104.91	41228.54	41308.92	0.61	ppb
Manganese	55-2	3309.55	3322.47	3276.07	3302.70	0.73	ppb
Molybdenum	94-1	40.11	40.53	40.67	40.44	0.72	ppb
Molybdenum	95-1	1.24	1.28	1.27	1.26	1.63	ppb
Molybdenum	96-1	6.46	6.65	6.60	6.57	1.50	ppb
Molybdenum	97-1	1.31	1.22	1.22	1.25	4.04	ppb
Molybdenum	98-1	1.20	1.16	1.19	1.18	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	235.65	234.25	233.45	234.45	0.47	ppb
Phosphorus	31-2	1818.92	1884.45	1795.43	1832.93	2.52	ppb
Potassium	39-2	5139.42	5141.30	5038.22	5106.31	1.15	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	82-1	1.50	0.37	0.70	0.86	67.58	ppb
Selenium	77-2	17.64	15.92	14.16	15.90	10.95	ppb
Selenium	78-2	4.46	3.31	5.49	4.42	24.74	ppb
Silicon	28-1	576.14	580.71	582.23	579.69	0.55	ppb
Silver	107-1	0.13	0.12	0.12	0.12	3.46	ppb
Silver	109-1	0.11	0.11	0.11	0.11	3.27	ppb
Sodium	23-2	175.90	176.58	175.03	175.83	0.44	ppb
Strontium	86-1	80.84	80.16	81.79	80.93	1.01	ppb
Strontium	88-1	81.06	80.79	82.38	81.41	1.04	ppb
Sulfur	34-1	-696.48	-739.74	-721.64	-719.29		ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.26	0.29	0.29	0.28	4.94	ppb
Thallium	205-1	0.28	0.28	0.28	0.28	1.06	ppb
Tin	118-1	2.67	2.65	2.69	2.67	0.80	ppb
Titanium	47-1	706.69	716.78	720.51	714.66	1.00	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-02	Instrumnet Name :	P7
Client Sample ID :	MYD5D1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:24:06	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.11	1.12	1.13	1.12	1.06	ppb
Vanadium	51-2	361.47	362.83	357.23	360.51	0.81	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%
Zinc	66-2	233.47	232.30	232.23	232.67	0.30	ppb
Zirconium	90-1	22.09	21.96	22.26	22.10	0.68	ppb
Zirconium	91-1	21.94	22.04	22.56	22.18	1.50	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-03	Instrumnet Name :	P7
Client Sample ID :	MYD5D2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:27:16	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33748.09	33614.69	33447.75	33603.51	0.45	ppb
Antimony	121-1	3.30	3.37	3.33	3.33	1.08	ppb
Arsenic	75-2	753.20	741.87	756.37	750.48	1.02	ppb
Barium	135-1	333.76	337.71	336.90	336.12	0.62	ppb
Barium	137-1	334.61	342.71	340.41	339.24	1.23	ppb
Beryllium	9-1	1.36	1.43	1.21	1.33	8.63	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.28	1.63	1.92	1.94	16.84	ppb
Cadmium	106-1	3.43	3.67	2.49	3.19	19.56	ppb
Cadmium	111-1	0.88	0.88	0.75	0.84	8.85	ppb
Calcium	43-1	20008.54	20250.97	20286.53	20182.01	0.75	ppb
Calcium	44-1	18627.10	18988.32	18968.48	18861.30	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210.94	210.15	212.37	211.16	0.53	ppb
Cobalt	59-2	87.46	87.01	87.29	87.25	0.27	ppb
Copper	63-2	218.17	221.23	220.53	219.97	0.73	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				93		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	169326.04	168618.88	168460.68	168801.87	0.27	ppb
Iron	57-2	166300.04	166202.33	167326.24	166609.54	0.37	ppb
Iron	54-2	168194.64	167823.85	168202.70	168073.73	0.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-03	Instrumnet Name :	P7
Client Sample ID :	MYD5D2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:27:16	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.03	25.50	25.89	25.48	1.69	ppb
Lead	207-1	24.30	24.56	25.25	24.70	2.00	ppb
Lead	208-1	24.46	24.87	25.40	24.91	1.88	ppb
Lithium	6-1				86		%
Magnesium	24-2	19500.58	19556.73	19410.46	19489.26	0.38	ppb
Manganese	55-2	3542.24	3526.55	3573.03	3547.27	0.67	ppb
Molybdenum	94-1	24.71	24.98	25.11	24.93	0.83	ppb
Molybdenum	95-1	1.90	2.13	2.02	2.02	5.69	ppb
Molybdenum	96-1	5.63	5.66	5.73	5.67	0.97	ppb
Molybdenum	97-1	1.98	2.02	1.90	1.97	3.04	ppb
Molybdenum	98-1	1.94	1.90	1.91	1.92	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	186.66	188.81	188.73	188.07	0.65	ppb
Phosphorus	31-2	2187.14	2203.89	2121.92	2170.98	1.99	ppb
Potassium	39-2	4345.15	4376.42	4341.15	4354.24	0.44	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	82-1	1.73	0.34	2.00	1.36	65.39	ppb
Selenium	77-2	11.64	11.73	13.02	12.13	6.38	ppb
Selenium	78-2	1.88	4.06	1.58	2.51	53.88	ppb
Silicon	28-1	804.31	803.93	797.03	801.75	0.51	ppb
Silver	107-1	0.21	0.21	0.20	0.21	3.05	ppb
Silver	109-1	0.18	0.20	0.21	0.20	8.80	ppb
Sodium	23-2	500.87	503.72	504.46	503.01	0.38	ppb
Strontium	86-1	81.68	83.93	83.76	83.12	1.51	ppb
Strontium	88-1	83.15	83.61	84.00	83.59	0.51	ppb
Sulfur	34-1	-545.19	-570.50	-523.24	-546.31		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.25	0.25	0.25	0.25	1.01	ppb
Thallium	205-1	0.24	0.24	0.26	0.25	5.76	ppb
Tin	118-1	2.45	2.51	2.60	2.52	3.07	ppb
Titanium	47-1	480.38	485.20	489.61	485.06	0.95	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-03	Instrumnet Name :	P7
Client Sample ID :	MYD5D2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:27:16	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.27	1.34	1.30	2.60	ppb
Vanadium	51-2	366.72	367.34	367.68	367.25	0.13	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%
Zinc	66-2	242.43	242.83	241.70	242.32	0.24	ppb
Zirconium	90-1	13.14	13.37	13.25	13.25	0.88	ppb
Zirconium	91-1	13.25	13.48	13.29	13.34	0.92	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P3945-01ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AN7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:30:29	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3269.56	3312.16	3217.67	3266.46	1.45	ppb
Antimony	121-1	0.46	0.39	0.39	0.41	10.33	ppb
Arsenic	75-2	19.70	19.51	18.89	19.37	2.19	ppb
Barium	135-1	608.16	621.81	624.81	618.26	1.44	ppb
Barium	137-1	630.05	644.97	661.98	645.67	2.47	ppb
Beryllium	9-1	0.37	0.34	0.29	0.34	11.51	ppb
Bismuth	209-1				129		%
Bismuth	209-2				119		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	12.30	13.01	12.99	12.77	3.15	ppb
Cadmium	106-1	10.26	11.55	10.74	10.85	6.02	ppb
Cadmium	111-1	12.64	12.94	13.04	12.87	1.59	ppb
Calcium	43-1	47275.91	47182.46	48344.77	47601.05	1.36	ppb
Calcium	44-1	44111.12	44687.51	44856.99	44551.88	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.30	6.36	6.41	6.36	0.82	ppb
Cobalt	59-2	5.76	5.69	5.69	5.71	0.73	ppb
Copper	63-2	74.52	74.82	73.15	74.17	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				125		%
Holmium	165-2				118		%
Indium	115-1				119		%
Indium	115-2				109		%
Iron	56-2	18966.94	19112.36	18719.88	18933.06	1.05	ppb
Iron	57-2	19995.26	20146.18	19844.53	19995.32	0.75	ppb
Iron	54-2	19224.00	18929.83	18711.97	18955.27	1.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P3945-01ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AN7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:30:29	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	311.85	319.08	320.59	317.17	1.47	ppb
Lead	207-1	306.17	308.85	313.93	309.65	1.27	ppb
Lead	208-1	307.19	314.73	317.51	313.14	1.70	ppb
Lithium	6-1				114		%
Magnesium	24-2	7873.72	7913.50	7798.31	7861.84	0.74	ppb
Manganese	55-2	443.39	447.72	437.99	443.03	1.10	ppb
Molybdenum	94-1	0.60	0.65	0.61	0.62	4.53	ppb
Molybdenum	95-1	0.10	0.12	0.11	0.11	10.45	ppb
Molybdenum	96-1	0.28	0.29	0.30	0.29	3.28	ppb
Molybdenum	97-1	0.12	0.09	0.10	0.10	14.44	ppb
Molybdenum	98-1	0.09	0.09	0.10	0.10	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.25	21.80	22.20	22.08	1.10	ppb
Phosphorus	31-2	1938.09	1886.77	1853.39	1892.75	2.25	ppb
Potassium	39-2	8781.47	8789.65	8769.29	8780.14	0.12	ppb
Rhodium	103-1				114		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	0.43	-0.30	0.48	0.20	216.83	ppb
Selenium	77-2	0.00	2.08	0.34	0.81	137.92	ppb
Selenium	78-2	-1.15	0.38	-0.57	-0.45		ppb
Silicon	28-1	1408.44	1427.61	1448.80	1428.28	1.41	ppb
Silver	107-1	1.68	1.77	1.72	1.72	2.40	ppb
Silver	109-1	1.60	1.71	1.80	1.70	5.80	ppb
Sodium	23-2	1775.65	1778.61	1746.04	1766.77	1.02	ppb
Strontium	86-1	163.57	166.76	168.78	166.37	1.58	ppb
Strontium	88-1	164.23	169.89	167.89	167.34	1.72	ppb
Sulfur	34-1	444.71	777.97	932.43	718.37	34.70	ppb
Terbium	159-1				126		%
Terbium	159-2				117		%
Thallium	203-1	0.49	0.32	0.28	0.36	30.58	ppb
Thallium	205-1	0.47	0.31	0.29	0.36	27.02	ppb
Tin	118-1	-0.04	-0.03	-0.04	-0.04		ppb
Titanium	47-1	11.07	10.90	11.29	11.09	1.78	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P3945-01ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AN7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:30:29	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.24	0.26	0.25	6.00	ppb
Vanadium	51-2	32.94	33.23	32.72	32.96	0.77	ppb
Yttrium	89-1				117		%
Yttrium	89-2				109		%
Zinc	66-2	4392.81	4545.36	4391.54	4443.24	1.99	ppb
Zirconium	90-1	0.27	0.27	0.29	0.28	4.47	ppb
Zirconium	91-1	0.29	0.27	0.30	0.29	5.02	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-04	Instrumnet Name :	P7
Client Sample ID :	MYD5D3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:33:34	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55215.35	55483.83	54936.57	55211.92	0.50	ppb
Antimony	121-1	2.04	2.07	2.04	2.05	0.70	ppb
Arsenic	75-2	406.13	397.97	398.67	400.93	1.13	ppb
Barium	135-1	353.33	358.84	355.30	355.82	0.78	ppb
Barium	137-1	355.52	360.30	356.22	357.35	0.72	ppb
Beryllium	9-1	1.14	1.17	1.07	1.12	4.63	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.19	1.89	2.57	2.22	15.41	ppb
Cadmium	106-1	3.03	4.07	3.18	3.43	16.39	ppb
Cadmium	111-1	0.74	0.95	0.72	0.80	15.93	ppb
Calcium	43-1	9751.51	9983.22	9867.18	9867.30	1.17	ppb
Calcium	44-1	9135.99	9342.04	9218.24	9232.09	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	219.78	218.98	217.25	218.67	0.59	ppb
Cobalt	59-2	73.78	74.24	73.68	73.90	0.41	ppb
Copper	63-2	156.55	157.73	156.05	156.78	0.55	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				94		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	153835.25	152406.32	151941.04	152727.54	0.65	ppb
Iron	57-2	150906.80	150928.66	149927.10	150587.52	0.38	ppb
Iron	54-2	150905.78	151366.11	151013.13	151095.01	0.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-04	Instrumnet Name :	P7
Client Sample ID :	MYD5D3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:33:34	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.31	23.17	23.27	23.25	0.31	ppb
Lead	207-1	22.33	22.38	22.36	22.36	0.11	ppb
Lead	208-1	22.59	22.62	22.69	22.64	0.21	ppb
Lithium	6-1				86		%
Magnesium	24-2	36153.25	36579.25	36136.00	36289.50	0.69	ppb
Manganese	55-2	2911.93	2902.38	2863.18	2892.50	0.89	ppb
Molybdenum	94-1	23.31	23.29	23.03	23.21	0.67	ppb
Molybdenum	95-1	1.32	1.38	1.39	1.36	2.78	ppb
Molybdenum	96-1	4.88	4.99	4.85	4.90	1.47	ppb
Molybdenum	97-1	1.35	1.29	1.46	1.37	6.21	ppb
Molybdenum	98-1	1.30	1.30	1.29	1.30	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.43	134.30	133.61	134.11	0.33	ppb
Phosphorus	31-2	1834.11	1822.23	1822.12	1826.15	0.38	ppb
Potassium	39-2	4962.46	4921.75	4905.45	4929.89	0.60	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	82-1	0.35	1.26	1.28	0.96	55.15	ppb
Selenium	77-2	11.51	13.48	14.44	13.14	11.37	ppb
Selenium	78-2	2.55	1.17	4.54	2.75	61.67	ppb
Silicon	28-1	871.98	852.53	845.07	856.52	1.62	ppb
Silver	107-1	0.19	0.15	0.12	0.15	21.03	ppb
Silver	109-1	0.19	0.12	0.11	0.14	29.40	ppb
Sodium	23-2	156.71	159.17	157.49	157.79	0.79	ppb
Strontium	86-1	50.45	50.56	50.57	50.53	0.13	ppb
Strontium	88-1	50.19	50.62	50.39	50.40	0.42	ppb
Sulfur	34-1	-673.91	-766.01	-913.69	-784.54		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.27	0.28	0.27	0.27	2.17	ppb
Thallium	205-1	0.27	0.25	0.24	0.26	6.09	ppb
Tin	118-1	2.24	2.39	2.28	2.31	3.40	ppb
Titanium	47-1	580.62	592.86	591.46	588.31	1.14	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-04	Instrumnet Name :	P7
Client Sample ID :	MYD5D3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:33:34	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.71	0.72	0.71	1.04	ppb
Vanadium	51-2	358.59	357.08	357.31	357.66	0.23	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	232.08	230.56	227.41	230.01	1.04	ppb
Zirconium	90-1	12.56	12.59	12.52	12.55	0.28	ppb
Zirconium	91-1	12.52	12.57	12.51	12.53	0.27	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05	Instrumnet Name :	P7
Client Sample ID :	MYD5D4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:36:47	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54996.30	54429.61	54549.37	54658.43	0.55	ppb
Antimony	121-1	2.52	2.64	2.51	2.56	2.75	ppb
Arsenic	75-2	284.35	278.67	277.85	280.29	1.26	ppb
Barium	135-1	450.52	459.19	456.88	455.53	0.99	ppb
Barium	137-1	452.21	464.62	462.08	459.64	1.43	ppb
Beryllium	9-1	1.58	1.61	1.51	1.57	3.15	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.35	2.21	2.27	2.28	3.20	ppb
Cadmium	106-1	3.31	2.81	2.30	2.81	17.99	ppb
Cadmium	111-1	1.17	1.13	1.02	1.11	7.18	ppb
Calcium	43-1	15559.98	15616.49	15711.98	15629.48	0.49	ppb
Calcium	44-1	14504.70	14633.05	14693.82	14610.52	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	217.97	217.12	216.51	217.20	0.34	ppb
Cobalt	59-2	73.56	73.49	73.69	73.58	0.14	ppb
Copper	63-2	214.53	214.37	211.42	213.44	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				94		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	140445.28	140499.92	137524.02	139489.74	1.22	ppb
Iron	57-2	138675.15	138118.48	136718.37	137837.33	0.73	ppb
Iron	54-2	139042.68	139758.65	136417.22	138406.18	1.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05	Instrumnet Name :	P7
Client Sample ID :	MYD5D4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:36:47	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.65	37.14	37.94	37.25	1.75	ppb
Lead	207-1	35.72	36.26	36.61	36.20	1.23	ppb
Lead	208-1	35.81	36.31	37.03	36.38	1.70	ppb
Lithium	6-1				87		%
Magnesium	24-2	30333.68	30036.24	30159.18	30176.37	0.50	ppb
Manganese	55-2	3220.80	3194.46	3146.41	3187.22	1.18	ppb
Molybdenum	94-1	25.94	26.03	25.76	25.91	0.54	ppb
Molybdenum	95-1	1.50	1.58	1.47	1.52	3.68	ppb
Molybdenum	96-1	5.16	5.19	5.08	5.14	1.10	ppb
Molybdenum	97-1	1.55	1.50	1.52	1.52	1.59	ppb
Molybdenum	98-1	1.46	1.43	1.43	1.44	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	158.69	157.94	157.07	157.90	0.51	ppb
Phosphorus	31-2	2021.64	2040.46	2022.61	2028.24	0.52	ppb
Potassium	39-2	9246.70	9212.61	9263.39	9240.90	0.28	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	0.50	1.28	1.43	1.07	46.37	ppb
Selenium	77-2	13.70	12.62	19.45	15.26	24.06	ppb
Selenium	78-2	4.35	3.69	3.21	3.75	15.21	ppb
Silicon	28-1	470.71	474.09	485.39	476.73	1.61	ppb
Silver	107-1	0.27	0.31	0.28	0.29	6.39	ppb
Silver	109-1	0.28	0.26	0.30	0.28	6.32	ppb
Sodium	23-2	236.46	239.10	235.12	236.89	0.86	ppb
Strontium	86-1	81.89	80.16	80.46	80.84	1.15	ppb
Strontium	88-1	80.95	80.52	80.32	80.59	0.40	ppb
Sulfur	34-1	-629.98	-628.15	-532.12	-596.75		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.33	0.30	0.34	0.32	5.78	ppb
Thallium	205-1	0.31	0.31	0.32	0.31	2.86	ppb
Tin	118-1	2.72	2.72	2.83	2.75	2.30	ppb
Titanium	47-1	710.86	720.54	724.86	718.75	1.00	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05	Instrumnet Name :	P7
Client Sample ID :	MYD5D4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:36:47	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.07	1.10	1.07	3.12	ppb
Vanadium	51-2	281.54	282.15	278.85	280.85	0.62	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	243.43	244.02	242.96	243.47	0.22	ppb
Zirconium	90-1	14.01	13.89	13.94	13.95	0.46	ppb
Zirconium	91-1	13.92	13.67	13.78	13.79	0.88	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-06	Instrumnet Name :	P7
Client Sample ID :	MYD5D4D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:39:57	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55505.66	55473.07	55346.42	55441.72	0.15	ppb
Antimony	121-1	2.63	2.73	2.66	2.67	1.88	ppb
Arsenic	75-2	280.10	276.76	272.31	276.39	1.41	ppb
Barium	135-1	453.35	458.15	462.42	457.97	0.99	ppb
Barium	137-1	455.47	461.07	468.03	461.52	1.36	ppb
Beryllium	9-1	1.60	1.68	1.55	1.61	3.91	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.15	2.42	2.67	2.41	10.80	ppb
Cadmium	106-1	3.97	3.57	2.43	3.33	24.01	ppb
Cadmium	111-1	1.19	1.15	1.04	1.12	6.67	ppb
Calcium	43-1	15566.35	15851.79	15978.48	15798.87	1.34	ppb
Calcium	44-1	14711.51	14729.64	15000.27	14813.81	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	215.95	217.87	217.69	217.17	0.49	ppb
Cobalt	59-2	74.20	73.77	74.18	74.05	0.33	ppb
Copper	63-2	217.78	214.82	215.47	216.03	0.72	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				95		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	140855.61	141175.84	139596.79	140542.75	0.59	ppb
Iron	57-2	138327.20	138244.30	139802.92	138791.47	0.63	ppb
Iron	54-2	138210.97	140455.97	140155.58	139607.51	0.87	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-06	Instrumnet Name :	P7
Client Sample ID :	MYD5D4D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:39:57	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.98	37.94	37.98	37.63	1.50	ppb
Lead	207-1	35.86	37.10	36.95	36.64	1.86	ppb
Lead	208-1	36.29	37.34	37.29	36.97	1.61	ppb
Lithium	6-1				86		%
Magnesium	24-2	30221.70	30222.66	30424.64	30289.67	0.39	ppb
Manganese	55-2	3210.31	3220.57	3193.44	3208.11	0.43	ppb
Molybdenum	94-1	25.64	26.19	26.16	26.00	1.18	ppb
Molybdenum	95-1	1.50	1.56	1.52	1.53	2.21	ppb
Molybdenum	96-1	5.12	5.19	5.30	5.21	1.75	ppb
Molybdenum	97-1	1.44	1.43	1.50	1.46	2.52	ppb
Molybdenum	98-1	1.41	1.47	1.43	1.44	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	158.02	156.15	156.65	156.94	0.62	ppb
Phosphorus	31-2	2097.92	2090.46	1999.32	2062.57	2.66	ppb
Potassium	39-2	9273.86	9348.47	9285.27	9302.53	0.43	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	1.24	-0.01	0.82	0.69	92.82	ppb
Selenium	77-2	14.83	17.03	14.28	15.38	9.44	ppb
Selenium	78-2	3.06	4.98	3.71	3.92	25.03	ppb
Silicon	28-1	488.10	493.98	500.16	494.08	1.22	ppb
Silver	107-1	0.28	0.28	0.27	0.27	2.25	ppb
Silver	109-1	0.26	0.27	0.28	0.27	4.37	ppb
Sodium	23-2	243.64	245.78	243.30	244.24	0.55	ppb
Strontium	86-1	79.60	81.04	82.25	80.96	1.64	ppb
Strontium	88-1	80.51	81.16	81.78	81.15	0.79	ppb
Sulfur	34-1	-585.15	-577.72	-564.72	-575.87		ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.29	0.30	0.30	0.30	2.40	ppb
Thallium	205-1	0.31	0.30	0.31	0.31	2.22	ppb
Tin	118-1	2.85	2.97	2.90	2.91	2.06	ppb
Titanium	47-1	732.35	738.33	747.48	739.39	1.03	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-06	Instrumnet Name :	P7
Client Sample ID :	MYD5D4D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:39:57	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.09	1.09	1.08	1.39	ppb
Vanadium	51-2	280.47	281.53	279.29	280.43	0.40	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	247.16	245.61	244.85	245.87	0.48	ppb
Zirconium	90-1	13.82	14.14	14.20	14.05	1.48	ppb
Zirconium	91-1	13.91	13.81	14.20	13.97	1.46	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5D4L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 20:43:09	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11307.52	11161.23	11012.02	11160.26	1.32	ppb
Antimony	121-1	0.48	0.48	0.48	0.48	0.75	ppb
Arsenic	75-2	57.90	59.12	57.25	58.09	1.64	ppb
Barium	135-1	90.08	90.68	91.25	90.67	0.64	ppb
Barium	137-1	89.91	90.23	91.63	90.59	1.01	ppb
Beryllium	9-1	0.31	0.33	0.37	0.34	9.95	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.57	0.86	0.55	0.66	26.52	ppb
Cadmium	106-1	-0.26	-0.24	-1.37	-0.62		ppb
Cadmium	111-1	0.12	0.12	0.07	0.10	29.95	ppb
Calcium	43-1	3224.52	3223.99	3351.99	3266.83	2.26	ppb
Calcium	44-1	3214.73	3223.37	3306.98	3248.36	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.83	44.61	44.19	44.54	0.73	ppb
Cobalt	59-2	15.29	15.48	15.27	15.35	0.74	ppb
Copper	63-2	45.03	44.27	44.52	44.61	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				93		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	28917.67	28842.01	28565.05	28774.91	0.65	ppb
Iron	57-2	30231.71	29940.76	29990.61	30054.36	0.52	ppb
Iron	54-2	28988.05	29131.91	28821.69	28980.55	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5D4L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 20:43:09	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.08	7.29	7.11	7.16	1.59	ppb
Lead	207-1	6.96	7.00	7.13	7.03	1.24	ppb
Lead	208-1	6.97	7.07	7.12	7.05	1.12	ppb
Lithium	6-1				86		%
Magnesium	24-2	6142.73	6225.76	6174.09	6180.86	0.68	ppb
Manganese	55-2	672.61	671.88	667.29	670.59	0.43	ppb
Molybdenum	94-1	5.02	5.32	4.98	5.11	3.66	ppb
Molybdenum	95-1	0.30	0.30	0.27	0.29	4.84	ppb
Molybdenum	96-1	1.04	0.99	1.03	1.02	2.41	ppb
Molybdenum	97-1	0.31	0.27	0.29	0.29	6.98	ppb
Molybdenum	98-1	0.30	0.27	0.27	0.28	6.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.22	32.80	32.54	32.86	1.04	ppb
Phosphorus	31-2	423.28	397.05	411.97	410.77	3.20	ppb
Potassium	39-2	2003.45	1997.90	1975.39	1992.25	0.75	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				82		%
Scandium	45-2				83		%
Selenium	82-1	0.77	0.07	0.34	0.39	89.34	ppb
Selenium	77-2	3.41	1.28	4.71	3.13	55.23	ppb
Selenium	78-2	1.67	-0.09	-0.85	0.24	532.25	ppb
Silicon	28-1	98.35	99.85	101.39	99.86	1.52	ppb
Silver	107-1	0.05	0.05	0.06	0.05	10.25	ppb
Silver	109-1	0.05	0.05	0.05	0.05	4.30	ppb
Sodium	23-2	57.34	55.93	56.73	56.67	1.25	ppb
Strontium	86-1	16.70	16.63	16.75	16.69	0.37	ppb
Strontium	88-1	16.38	16.52	16.67	16.53	0.88	ppb
Sulfur	34-1	-726.56	-706.68	-612.60	-681.95		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.05	0.05	0.05	0.05	4.95	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	4.79	ppb
Tin	118-1	0.51	0.56	0.56	0.54	5.90	ppb
Titanium	47-1	145.88	148.85	150.98	148.57	1.73	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5D4L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 20:43:09	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.20	0.20	0.43	ppb
Vanadium	51-2	57.44	57.30	56.83	57.19	0.56	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%
Zinc	66-2	51.74	52.26	51.86	51.95	0.53	ppb
Zirconium	90-1	2.69	2.72	2.77	2.73	1.56	ppb
Zirconium	91-1	2.74	2.76	2.89	2.80	2.87	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-07	Instrumnet Name :	P7
Client Sample ID :	MYD5D4S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:46:24	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55712.92	54676.09	56022.05	55470.35	1.27	ppb
Antimony	121-1	60.66	61.91	61.50	61.36	1.04	ppb
Arsenic	75-2	300.52	301.21	300.19	300.64	0.17	ppb
Barium	135-1	1625.12	1641.05	1631.03	1632.40	0.49	ppb
Barium	137-1	1626.91	1655.63	1638.85	1640.46	0.88	ppb
Beryllium	9-1	32.30	31.04	32.50	31.95	2.48	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.22	27.86	29.50	28.53	3.03	ppb
Cadmium	106-1	27.85	28.65	30.40	28.97	4.51	ppb
Cadmium	111-1	31.32	31.22	31.31	31.29	0.17	ppb
Calcium	43-1	15437.15	15560.07	15803.16	15600.13	1.19	ppb
Calcium	44-1	14474.68	14340.98	14699.61	14505.09	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	329.85	327.46	335.06	330.79	1.18	ppb
Cobalt	59-2	362.03	359.38	363.16	361.52	0.54	ppb
Copper	63-2	348.66	348.54	350.95	349.38	0.39	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				93		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	139177.38	137623.18	138681.69	138494.08	0.57	ppb
Iron	57-2	137889.19	136187.10	139120.08	137732.12	1.07	ppb
Iron	54-2	138192.92	136620.82	139475.20	138096.31	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-07	Instrumnet Name :	P7
Client Sample ID :	MYD5D4S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:46:24	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.62	47.66	48.31	47.86	0.80	ppb
Lead	207-1	46.26	46.36	47.06	46.56	0.93	ppb
Lead	208-1	46.97	46.85	47.47	47.10	0.70	ppb
Lithium	6-1				85		%
Magnesium	24-2	29727.39	29533.18	30017.86	29759.48	0.82	ppb
Manganese	55-2	3466.08	3383.99	3415.48	3421.85	1.21	ppb
Molybdenum	94-1	25.49	25.91	26.12	25.84	1.23	ppb
Molybdenum	95-1	1.44	1.46	1.55	1.48	3.84	ppb
Molybdenum	96-1	5.16	5.13	5.15	5.15	0.29	ppb
Molybdenum	97-1	1.41	1.54	1.55	1.50	5.28	ppb
Molybdenum	98-1	1.44	1.47	1.41	1.44	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	450.13	444.84	447.35	447.44	0.59	ppb
Phosphorus	31-2	1953.07	1985.00	2054.33	1997.46	2.59	ppb
Potassium	39-2	8924.52	8957.17	8953.18	8944.96	0.20	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	57.41	57.62	57.41	57.48	0.21	ppb
Selenium	77-2	68.27	79.96	75.43	74.55	7.91	ppb
Selenium	78-2	61.56	56.65	59.00	59.07	4.16	ppb
Silicon	28-1	479.44	480.29	487.56	482.43	0.93	ppb
Silver	107-1	30.07	30.33	30.48	30.29	0.67	ppb
Silver	109-1	29.64	30.34	30.10	30.03	1.18	ppb
Sodium	23-2	234.29	231.34	234.52	233.38	0.76	ppb
Strontium	86-1	79.08	80.12	80.18	79.79	0.78	ppb
Strontium	88-1	78.99	80.35	80.96	80.10	1.26	ppb
Sulfur	34-1	-499.18	-384.21	-351.52	-411.64		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	27.41	27.20	27.68	27.43	0.87	ppb
Thallium	205-1	26.99	26.82	27.22	27.01	0.75	ppb
Tin	118-1	2.68	2.72	2.76	2.72	1.37	ppb
Titanium	47-1	716.93	717.01	736.19	723.38	1.53	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-07	Instrumnet Name :	P7
Client Sample ID :	MYD5D4S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:46:24	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.06	1.07	1.07	0.45	ppb
Vanadium	51-2	564.24	557.48	563.45	561.72	0.66	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	531.77	527.51	533.78	531.02	0.60	ppb
Zirconium	90-1	13.47	13.90	13.81	13.73	1.66	ppb
Zirconium	91-1	13.43	13.80	13.85	13.69	1.68	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD5D4SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:49:33	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58367.59	58827.80	58495.05	58563.48	0.41	ppb
Antimony	121-1	292.91	295.83	299.09	295.94	1.04	ppb
Arsenic	75-2	372.05	385.95	370.16	376.05	2.29	ppb
Barium	135-1	6177.55	6127.75	6180.49	6161.93	0.48	ppb
Barium	137-1	6151.11	6167.55	6196.20	6171.62	0.37	ppb
Beryllium	9-1	148.14	150.22	151.32	149.89	1.08	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	133.69	130.56	136.55	133.60	2.24	ppb
Cadmium	106-1	128.86	128.35	126.06	127.76	1.17	ppb
Cadmium	111-1	146.05	146.79	146.95	146.60	0.33	ppb
Calcium	43-1	15026.90	15318.11	15467.39	15270.80	1.47	ppb
Calcium	44-1	14044.59	14276.13	14298.98	14206.57	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	765.21	775.76	771.12	770.70	0.69	ppb
Cobalt	59-2	1471.38	1500.75	1487.94	1486.69	0.99	ppb
Copper	63-2	882.06	892.12	885.16	886.45	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				93		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				84		%
Iron	56-2	138429.41	140248.62	139588.96	139422.33	0.66	ppb
Iron	57-2	135675.06	136093.50	135696.48	135821.68	0.17	ppb
Iron	54-2	136802.57	139479.50	137763.79	138015.29	0.98	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD5D4SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:49:33	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	87.72	89.43	90.20	89.12	1.43	ppb
Lead	207-1	86.32	87.15	88.05	87.17	0.99	ppb
Lead	208-1	87.00	88.30	88.91	88.07	1.11	ppb
Lithium	6-1				83		%
Magnesium	24-2	28895.97	29261.28	29638.85	29265.37	1.27	ppb
Manganese	55-2	4442.76	4527.67	4476.45	4482.29	0.95	ppb
Molybdenum	94-1	25.11	25.36	25.66	25.38	1.07	ppb
Molybdenum	95-1	1.51	1.46	1.49	1.49	1.49	ppb
Molybdenum	96-1	4.88	5.10	4.95	4.98	2.26	ppb
Molybdenum	97-1	1.41	1.50	1.38	1.43	4.24	ppb
Molybdenum	98-1	1.48	1.53	1.43	1.48	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1563.82	1591.55	1582.66	1579.34	0.90	ppb
Phosphorus	31-2	1961.92	2035.01	1960.14	1985.69	2.15	ppb
Potassium	39-2	8804.55	8880.34	8941.24	8875.38	0.77	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				83		%
Scandium	45-2				83		%
Selenium	82-1	309.73	307.94	313.58	310.42	0.93	ppb
Selenium	77-2	303.52	329.00	312.27	314.93	4.11	ppb
Selenium	78-2	296.62	306.38	306.95	303.32	1.92	ppb
Silicon	28-1	475.37	481.02	479.13	478.51	0.60	ppb
Silver	107-1	129.71	116.43	108.02	118.06	9.26	ppb
Silver	109-1	107.91	115.42	100.23	107.85	7.04	ppb
Sodium	23-2	229.01	234.83	234.08	232.64	1.36	ppb
Strontium	86-1	77.61	79.09	79.21	78.64	1.13	ppb
Strontium	88-1	78.43	79.27	78.77	78.82	0.54	ppb
Sulfur	34-1	-333.08	-354.15	-303.32	-330.19		ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	130.71	132.08	134.58	132.46	1.48	ppb
Thallium	205-1	141.05	144.67	147.47	144.40	2.23	ppb
Tin	118-1	2.74	2.74	2.70	2.73	0.82	ppb
Titanium	47-1	701.37	709.12	716.49	709.00	1.07	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD5D4SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:49:33	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	1.03	1.05	1.03	2.23	ppb
Vanadium	51-2	1635.29	1641.50	1644.46	1640.42	0.29	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%
Zinc	66-2	1643.93	1658.10	1650.60	1650.88	0.43	ppb
Zirconium	90-1	13.54	13.57	13.70	13.60	0.61	ppb
Zirconium	91-1	13.68	13.49	13.66	13.61	0.78	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P3945-01A	Instrumnet Name :	P7
Client Sample ID :	MC0AN7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:52:34	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3281.22	3263.77	3262.77	3269.25	0.32	ppb
Antimony	121-1	4.57	4.81	4.93	4.77	3.91	ppb
Arsenic	75-2	18.34	19.16	18.84	18.78	2.20	ppb
Barium	135-1	582.89	605.57	617.42	601.96	2.91	ppb
Barium	137-1	620.64	631.57	649.25	633.82	2.28	ppb
Beryllium	9-1	0.33	0.32	0.38	0.34	9.37	ppb
Bismuth	209-1				131		%
Bismuth	209-2				117		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	12.14	11.86	13.48	12.49	6.91	ppb
Cadmium	106-1	10.54	9.82	10.64	10.33	4.35	ppb
Cadmium	111-1	11.92	12.43	12.83	12.40	3.68	ppb
Calcium	43-1	44845.91	46527.32	47834.56	46402.60	3.23	ppb
Calcium	44-1	42052.18	43308.89	44657.22	43339.43	3.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.47	6.31	6.28	6.36	1.56	ppb
Cobalt	59-2	5.69	5.83	5.73	5.75	1.30	ppb
Copper	63-2	74.43	74.43	74.67	74.51	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				127		%
Holmium	165-2				115		%
Indium	115-1				119		%
Indium	115-2				106		%
Iron	56-2	19047.32	18935.74	19074.18	19019.08	0.39	ppb
Iron	57-2	20137.75	20084.06	20167.03	20129.61	0.21	ppb
Iron	54-2	19182.19	19010.19	19353.46	19181.94	0.89	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P3945-01A	Instrumnet Name :	P7
Client Sample ID :	MC0AN7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:52:34	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	296.80	309.12	315.67	307.19	3.12	ppb
Lead	207-1	288.39	300.91	311.61	300.30	3.87	ppb
Lead	208-1	292.60	301.58	310.91	301.70	3.03	ppb
Lithium	6-1				113		%
Magnesium	24-2	7908.60	7936.91	7958.87	7934.79	0.32	ppb
Manganese	55-2	445.29	444.05	444.40	444.58	0.14	ppb
Molybdenum	94-1	0.60	0.59	0.53	0.57	6.91	ppb
Molybdenum	95-1	0.08	0.10	0.10	0.09	12.17	ppb
Molybdenum	96-1	0.26	0.25	0.25	0.25	3.28	ppb
Molybdenum	97-1	0.13	0.11	0.10	0.11	14.31	ppb
Molybdenum	98-1	0.09	0.08	0.11	0.09	13.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.17	21.72	22.24	22.04	1.29	ppb
Phosphorus	31-2	1913.37	1883.20	1900.59	1899.05	0.80	ppb
Potassium	39-2	8806.27	8803.56	8785.44	8798.43	0.13	ppb
Rhodium	103-1				115		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	82-1	0.29	0.21	0.20	0.23	21.70	ppb
Selenium	77-2	1.76	1.44	1.46	1.55	11.44	ppb
Selenium	78-2	-0.39	-1.03	-0.65	-0.69		ppb
Silicon	28-1	1331.95	1401.97	1417.56	1383.83	3.30	ppb
Silver	107-1	1.47	1.62	1.67	1.59	6.52	ppb
Silver	109-1	1.47	1.62	1.66	1.59	6.23	ppb
Sodium	23-2	1778.67	1779.03	1764.45	1774.05	0.47	ppb
Strontium	86-1	156.32	164.69	167.60	162.87	3.60	ppb
Strontium	88-1	158.38	165.01	168.98	164.12	3.26	ppb
Sulfur	34-1	86.24	601.96	818.07	502.09	74.89	ppb
Terbium	159-1				127		%
Terbium	159-2				114		%
Thallium	203-1	0.17	0.14	0.14	0.15	12.88	ppb
Thallium	205-1	0.17	0.15	0.14	0.15	11.27	ppb
Tin	118-1	-0.04	-0.04	-0.03	-0.04		ppb
Titanium	47-1	10.06	10.88	10.67	10.54	4.03	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P3945-01A	Instrumnet Name :	P7
Client Sample ID :	MC0AN7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:52:34	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.24	0.24	0.24	2.08	ppb
Vanadium	51-2	32.98	32.58	33.33	32.96	1.13	ppb
Yttrium	89-1				117		%
Yttrium	89-2				105		%
Zinc	66-2	4433.79	4405.73	4446.28	4428.60	0.47	ppb
Zirconium	90-1	0.27	0.28	0.28	0.27	2.57	ppb
Zirconium	91-1	0.27	0.30	0.30	0.29	6.85	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-08	Instrumnet Name :	P7
Client Sample ID :	MYD5D5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:55:42	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61533.17	61608.17	61405.99	61515.78	0.17	ppb
Antimony	121-1	2.32	2.40	2.35	2.35	1.69	ppb
Arsenic	75-2	184.34	184.34	184.12	184.26	0.07	ppb
Barium	135-1	464.34	469.20	469.90	467.82	0.65	ppb
Barium	137-1	470.28	471.91	472.44	471.54	0.24	ppb
Beryllium	9-1	1.89	1.97	1.72	1.86	6.83	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.27	3.39	3.16	3.27	3.38	ppb
Cadmium	106-1	4.67	6.31	4.67	5.22	18.20	ppb
Cadmium	111-1	0.59	0.79	0.58	0.66	17.88	ppb
Calcium	43-1	15793.15	15690.77	15986.52	15823.48	0.95	ppb
Calcium	44-1	14647.41	14671.82	14960.04	14759.76	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179.80	176.96	177.78	178.18	0.82	ppb
Cobalt	59-2	63.21	62.57	62.44	62.74	0.65	ppb
Copper	63-2	150.20	149.17	148.28	149.21	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				93		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	122792.34	123263.82	122411.90	122822.69	0.35	ppb
Iron	57-2	121615.46	122658.48	120565.22	121613.05	0.86	ppb
Iron	54-2	122010.25	121266.25	121509.13	121595.21	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-08	Instrumnet Name :	P7
Client Sample ID :	MYD5D5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:55:42	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.59	22.57	22.75	22.64	0.44	ppb
Lead	207-1	21.42	21.27	21.62	21.44	0.83	ppb
Lead	208-1	21.82	21.74	21.96	21.84	0.52	ppb
Lithium	6-1				84		%
Magnesium	24-2	26285.41	25975.51	25935.36	26065.43	0.73	ppb
Manganese	55-2	2668.58	2660.57	2633.61	2654.25	0.69	ppb
Molybdenum	94-1	51.12	51.88	52.72	51.90	1.54	ppb
Molybdenum	95-1	1.03	1.10	1.14	1.09	4.91	ppb
Molybdenum	96-1	7.30	7.47	7.49	7.42	1.41	ppb
Molybdenum	97-1	1.07	1.16	1.16	1.13	4.92	ppb
Molybdenum	98-1	1.02	1.09	1.03	1.05	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.52	144.71	143.65	143.96	0.45	ppb
Phosphorus	31-2	1671.94	1621.01	1611.21	1634.72	1.99	ppb
Potassium	39-2	6066.57	6012.50	5986.81	6021.96	0.68	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	82-1	0.32	1.29	1.39	1.00	59.38	ppb
Selenium	77-2	13.82	13.76	16.18	14.59	9.46	ppb
Selenium	78-2	3.68	3.40	5.70	4.26	29.55	ppb
Silicon	28-1	480.21	503.18	492.03	491.81	2.34	ppb
Silver	107-1	0.37	0.29	0.25	0.30	20.94	ppb
Silver	109-1	0.34	0.27	0.24	0.28	19.02	ppb
Sodium	23-2	141.57	141.62	140.75	141.31	0.35	ppb
Strontium	86-1	79.38	79.61	81.05	80.01	1.13	ppb
Strontium	88-1	79.85	80.69	81.03	80.53	0.76	ppb
Sulfur	34-1	-563.10	-807.61	-860.19	-743.64		ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.35	0.33	0.34	0.34	3.40	ppb
Thallium	205-1	0.31	0.34	0.33	0.33	4.88	ppb
Tin	118-1	2.70	2.69	2.79	2.72	2.09	ppb
Titanium	47-1	1018.30	1024.21	1041.01	1027.84	1.15	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-08	Instrumnet Name :	P7
Client Sample ID :	MYD5D5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:55:42	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	0.97	1.01	0.99	1.99	ppb
Vanadium	51-2	235.95	234.00	233.86	234.60	0.50	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	195.99	193.02	191.36	193.45	1.21	ppb
Zirconium	90-1	28.41	28.86	28.95	28.74	1.01	ppb
Zirconium	91-1	28.18	28.87	28.84	28.63	1.36	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-09	Instrumnet Name :	P7
Client Sample ID :	MYD5D6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:58:52	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55799.05	55383.75	55013.62	55398.81	0.71	ppb
Antimony	121-1	2.31	2.35	2.38	2.35	1.46	ppb
Arsenic	75-2	150.79	149.85	146.98	149.21	1.33	ppb
Barium	135-1	446.87	454.28	456.23	452.46	1.09	ppb
Barium	137-1	450.81	454.37	456.77	453.98	0.66	ppb
Beryllium	9-1	1.69	1.70	1.74	1.71	1.68	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.03	2.37	2.11	2.17	8.20	ppb
Cadmium	106-1	4.00	2.71	2.81	3.17	22.67	ppb
Cadmium	111-1	0.78	0.64	0.62	0.68	12.84	ppb
Calcium	43-1	20610.48	20776.68	20978.87	20788.68	0.89	ppb
Calcium	44-1	19465.35	19120.59	19712.95	19432.96	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165.21	165.36	162.40	164.33	1.01	ppb
Cobalt	59-2	77.31	77.12	76.27	76.90	0.72	ppb
Copper	63-2	155.25	156.05	154.40	155.23	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				93		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	132435.54	132751.70	130319.29	131835.51	1.00	ppb
Iron	57-2	130280.31	130233.51	129122.09	129878.64	0.50	ppb
Iron	54-2	131414.08	133473.84	130070.85	131652.92	1.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-09	Instrumnet Name :	P7
Client Sample ID :	MYD5D6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:58:52	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.20	23.96	24.29	24.15	0.70	ppb
Lead	207-1	22.98	23.12	23.25	23.11	0.59	ppb
Lead	208-1	23.53	23.42	23.68	23.55	0.54	ppb
Lithium	6-1				84		%
Magnesium	24-2	28514.22	28615.78	28052.11	28394.04	1.06	ppb
Manganese	55-2	2854.76	2859.17	2816.64	2843.52	0.82	ppb
Molybdenum	94-1	39.60	39.44	39.87	39.63	0.54	ppb
Molybdenum	95-1	1.17	1.17	1.14	1.16	1.26	ppb
Molybdenum	96-1	6.21	6.27	6.31	6.26	0.85	ppb
Molybdenum	97-1	1.19	1.15	1.17	1.17	1.72	ppb
Molybdenum	98-1	1.09	1.11	1.04	1.08	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.66	143.15	140.96	141.92	0.79	ppb
Phosphorus	31-2	1967.77	1930.88	1909.96	1936.20	1.51	ppb
Potassium	39-2	8605.66	8449.30	8494.27	8516.41	0.95	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				83		%
Scandium	45-2				84		%
Selenium	82-1	1.38	1.37	-0.32	0.81	120.45	ppb
Selenium	77-2	20.56	9.63	15.24	15.14	36.07	ppb
Selenium	78-2	3.07	3.06	2.93	3.02	2.57	ppb
Silicon	28-1	469.05	475.48	483.19	475.91	1.49	ppb
Silver	107-1	0.17	0.16	0.14	0.16	8.88	ppb
Silver	109-1	0.14	0.16	0.13	0.14	11.04	ppb
Sodium	23-2	120.12	121.93	119.22	120.42	1.15	ppb
Strontium	86-1	68.60	68.97	69.81	69.13	0.90	ppb
Strontium	88-1	69.39	69.48	70.21	69.69	0.64	ppb
Sulfur	34-1	-790.01	-827.09	-764.77	-793.96		ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.30	0.29	0.31	0.30	2.89	ppb
Thallium	205-1	0.30	0.29	0.29	0.29	1.73	ppb
Tin	118-1	2.52	2.68	2.53	2.58	3.33	ppb
Titanium	47-1	964.02	966.42	974.55	968.33	0.57	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-09	Instrumnet Name :	P7
Client Sample ID :	MYD5D6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:58:52	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.85	0.84	0.84	1.57	ppb
Vanadium	51-2	252.64	254.55	249.94	252.38	0.92	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	206.12	207.45	203.54	205.70	0.97	ppb
Zirconium	90-1	21.70	21.77	21.95	21.81	0.59	ppb
Zirconium	91-1	21.34	21.71	22.31	21.78	2.25	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-10	Instrumnet Name :	P7
Client Sample ID :	MYD5D7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:02:04	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44551.87	44543.38	44287.90	44461.05	0.34	ppb
Antimony	121-1	4.32	4.46	4.39	4.39	1.63	ppb
Arsenic	75-2	1367.73	1379.75	1398.77	1382.08	1.13	ppb
Barium	135-1	474.78	484.17	479.90	479.62	0.98	ppb
Barium	137-1	478.44	487.51	486.50	484.15	1.03	ppb
Beryllium	9-1	1.82	1.77	1.92	1.84	4.04	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.31	2.55	2.20	2.35	7.41	ppb
Cadmium	106-1	4.09	4.25	1.65	3.33	43.70	ppb
Cadmium	111-1	0.78	0.80	0.60	0.73	14.80	ppb
Calcium	43-1	18793.40	18989.45	18984.30	18922.38	0.59	ppb
Calcium	44-1	17411.95	17666.28	17501.33	17526.52	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.99	251.37	253.71	253.02	0.57	ppb
Cobalt	59-2	124.05	124.17	124.95	124.39	0.39	ppb
Copper	63-2	310.06	306.80	310.73	309.20	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				94		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	225687.03	224298.61	227481.70	225822.45	0.71	ppb
Iron	57-2	223009.27	221739.89	222765.35	222504.84	0.30	ppb
Iron	54-2	223901.51	223588.44	224450.22	223980.06	0.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-10	Instrumnet Name :	P7
Client Sample ID :	MYD5D7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:02:04	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.71	19.90	19.93	19.85	0.59	ppb
Lead	207-1	19.24	19.05	19.24	19.18	0.56	ppb
Lead	208-1	19.19	19.21	19.44	19.28	0.73	ppb
Lithium	6-1				85		%
Magnesium	24-2	21181.47	21144.88	21555.26	21293.87	1.07	ppb
Manganese	55-2	5482.94	5463.46	5532.14	5492.85	0.64	ppb
Molybdenum	94-1	32.41	33.05	32.83	32.76	0.99	ppb
Molybdenum	95-1	3.04	2.97	3.03	3.02	1.30	ppb
Molybdenum	96-1	7.79	7.92	7.98	7.90	1.25	ppb
Molybdenum	97-1	2.96	2.98	2.90	2.95	1.42	ppb
Molybdenum	98-1	2.96	2.91	2.91	2.93	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	216.95	216.87	219.37	217.73	0.65	ppb
Phosphorus	31-2	3000.12	2987.45	3015.46	3001.01	0.47	ppb
Potassium	39-2	3984.32	3943.40	3994.49	3974.07	0.68	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	82-1	1.19	0.77	1.15	1.04	22.44	ppb
Selenium	77-2	14.39	14.85	11.50	13.58	13.36	ppb
Selenium	78-2	1.99	3.10	3.52	2.87	27.57	ppb
Silicon	28-1	585.21	591.13	584.64	586.99	0.61	ppb
Silver	107-1	0.11	0.13	0.12	0.12	7.33	ppb
Silver	109-1	0.12	0.10	0.13	0.12	11.03	ppb
Sodium	23-2	282.33	276.33	282.95	280.54	1.30	ppb
Strontium	86-1	106.49	106.92	107.07	106.83	0.28	ppb
Strontium	88-1	107.60	107.16	108.43	107.73	0.60	ppb
Sulfur	34-1	-1110.42	-1092.29	-1195.71	-1132.81		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.50	0.52	0.53	0.52	2.34	ppb
Thallium	205-1	0.49	0.50	0.51	0.50	2.03	ppb
Tin	118-1	2.41	2.54	2.51	2.49	2.66	ppb
Titanium	47-1	531.33	547.79	542.15	540.43	1.55	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-10	Instrumnet Name :	P7
Client Sample ID :	MYD5D7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:02:04	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.45	1.45	1.49	1.46	1.38	ppb
Vanadium	51-2	538.99	536.08	538.63	537.90	0.29	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	288.86	289.34	289.53	289.25	0.12	ppb
Zirconium	90-1	16.82	16.97	17.10	16.97	0.84	ppb
Zirconium	91-1	16.91	17.34	17.11	17.12	1.25	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-11	Instrumnet Name :	P7
Client Sample ID :	MYD5D8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:05:12	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60678.35	59989.03	60071.12	60246.17	0.62	ppb
Antimony	121-1	3.30	3.39	3.28	3.32	1.75	ppb
Arsenic	75-2	450.98	454.60	457.84	454.47	0.75	ppb
Barium	135-1	454.43	456.61	440.13	450.39	1.99	ppb
Barium	137-1	453.29	459.91	442.83	452.01	1.90	ppb
Beryllium	9-1	1.65	1.61	1.56	1.61	2.60	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.31	3.60	2.94	3.28	10.18	ppb
Cadmium	106-1	5.89	5.53	4.96	5.46	8.58	ppb
Cadmium	111-1	1.73	1.74	1.65	1.71	2.74	ppb
Calcium	43-1	13031.79	13057.04	12704.40	12931.08	1.52	ppb
Calcium	44-1	12197.68	12073.71	11814.61	12028.67	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	267.48	268.86	269.50	268.61	0.39	ppb
Cobalt	59-2	80.57	81.28	81.63	81.16	0.66	ppb
Copper	63-2	248.54	249.44	250.19	249.39	0.33	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				95		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	167617.41	168039.84	168950.27	168202.51	0.40	ppb
Iron	57-2	166964.14	166201.72	165540.51	166235.46	0.43	ppb
Iron	54-2	166862.87	167778.30	166943.75	167194.97	0.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-11	Instrumnet Name :	P7
Client Sample ID :	MYD5D8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:05:12	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	54.74	56.67	53.40	54.94	3.00	ppb
Lead	207-1	54.24	55.29	52.71	54.08	2.40	ppb
Lead	208-1	54.26	55.63	52.76	54.22	2.65	ppb
Lithium	6-1				84		%
Magnesium	24-2	32495.87	32812.28	33111.14	32806.43	0.94	ppb
Manganese	55-2	3493.93	3511.98	3500.90	3502.27	0.26	ppb
Molybdenum	94-1	37.61	37.79	37.49	37.63	0.39	ppb
Molybdenum	95-1	1.83	1.85	1.83	1.84	0.78	ppb
Molybdenum	96-1	6.75	6.74	6.77	6.75	0.23	ppb
Molybdenum	97-1	1.89	1.75	1.80	1.81	3.78	ppb
Molybdenum	98-1	1.78	1.79	1.80	1.79	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	185.11	183.44	185.13	184.56	0.53	ppb
Phosphorus	31-2	2014.50	2048.22	2073.19	2045.30	1.44	ppb
Potassium	39-2	7515.08	7553.53	7483.68	7517.43	0.47	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	1.44	1.02	1.44	1.30	18.55	ppb
Selenium	77-2	16.94	10.41	12.90	13.42	24.57	ppb
Selenium	78-2	3.20	2.89	3.13	3.07	5.29	ppb
Silicon	28-1	465.29	476.31	459.33	466.98	1.84	ppb
Silver	107-1	0.37	0.37	0.34	0.36	5.25	ppb
Silver	109-1	0.34	0.34	0.35	0.34	2.02	ppb
Sodium	23-2	138.76	142.26	137.16	139.39	1.87	ppb
Strontium	86-1	71.54	72.20	70.66	71.47	1.08	ppb
Strontium	88-1	72.06	72.83	71.34	72.08	1.04	ppb
Sulfur	34-1	-844.45	-799.04	-944.95	-862.82		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.34	0.32	0.32	0.33	3.38	ppb
Thallium	205-1	0.32	0.31	0.30	0.31	2.20	ppb
Tin	118-1	2.71	2.86	2.72	2.76	3.01	ppb
Titanium	47-1	725.25	729.63	711.16	722.01	1.34	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-11	Instrumnet Name :	P7
Client Sample ID :	MYD5D8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:05:12	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.16	1.07	1.12	3.92	ppb
Vanadium	51-2	342.36	343.31	344.59	343.42	0.33	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	302.75	301.86	302.86	302.49	0.18	ppb
Zirconium	90-1	20.31	20.54	19.96	20.27	1.43	ppb
Zirconium	91-1	20.11	20.85	20.14	20.37	2.04	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-12	Instrumnet Name :	P7
Client Sample ID :	MYD5D9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:08:24	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49440.75	49761.08	48615.47	49272.43	1.20	ppb
Antimony	121-1	4.82	5.04	4.92	4.93	2.24	ppb
Arsenic	75-2	1382.49	1396.50	1407.67	1395.56	0.90	ppb
Barium	135-1	311.25	313.78	317.15	314.06	0.94	ppb
Barium	137-1	313.69	318.05	316.62	316.12	0.70	ppb
Beryllium	9-1	1.25	1.19	1.16	1.20	3.43	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.09	1.17	1.56	1.60	28.63	ppb
Cadmium	106-1	2.75	2.75	1.46	2.32	32.09	ppb
Cadmium	111-1	0.87	0.87	0.83	0.86	2.45	ppb
Calcium	43-1	8709.66	8771.19	8748.14	8743.00	0.36	ppb
Calcium	44-1	7999.87	8134.44	8193.68	8109.33	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152.85	153.99	154.93	153.93	0.68	ppb
Cobalt	59-2	77.37	77.50	77.36	77.41	0.10	ppb
Copper	63-2	200.26	203.32	202.14	201.90	0.76	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				93		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	171019.34	171520.25	171759.20	171432.93	0.22	ppb
Iron	57-2	168896.82	169973.40	169674.32	169514.85	0.33	ppb
Iron	54-2	169597.11	170458.84	171015.28	170357.08	0.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-12	Instrumnet Name :	P7
Client Sample ID :	MYD5D9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:08:24	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.44	33.05	33.42	32.97	1.49	ppb
Lead	207-1	31.00	31.51	31.84	31.45	1.35	ppb
Lead	208-1	31.38	31.86	32.14	31.79	1.21	ppb
Lithium	6-1				84		%
Magnesium	24-2	25247.15	25536.59	25088.81	25290.85	0.90	ppb
Manganese	55-2	2869.66	2881.72	2887.61	2879.66	0.32	ppb
Molybdenum	94-1	19.87	20.10	20.60	20.19	1.86	ppb
Molybdenum	95-1	2.26	2.28	2.28	2.27	0.56	ppb
Molybdenum	96-1	5.61	5.40	5.45	5.48	1.99	ppb
Molybdenum	97-1	2.39	2.37	2.29	2.35	2.09	ppb
Molybdenum	98-1	2.25	2.29	2.27	2.27	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.31	127.04	127.24	126.87	0.39	ppb
Phosphorus	31-2	2297.80	2266.12	2268.99	2277.64	0.77	ppb
Potassium	39-2	4611.82	4622.30	4622.77	4618.97	0.13	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				84		%
Scandium	45-2				85		%
Selenium	82-1	1.68	1.13	1.61	1.47	20.39	ppb
Selenium	77-2	12.10	16.49	13.24	13.94	16.34	ppb
Selenium	78-2	3.40	4.26	4.61	4.09	15.26	ppb
Silicon	28-1	495.01	501.43	500.72	499.05	0.70	ppb
Silver	107-1	0.19	0.20	0.18	0.19	3.36	ppb
Silver	109-1	0.20	0.18	0.18	0.19	6.68	ppb
Sodium	23-2	106.64	109.60	106.80	107.68	1.54	ppb
Strontium	86-1	62.45	63.07	64.33	63.28	1.51	ppb
Strontium	88-1	62.59	63.19	64.24	63.34	1.32	ppb
Sulfur	34-1	-659.04	-632.70	-607.12	-632.95		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.15	0.16	0.14	0.15	7.01	ppb
Thallium	205-1	0.15	0.14	0.14	0.14	3.44	ppb
Tin	118-1	2.45	2.45	2.42	2.44	0.61	ppb
Titanium	47-1	332.55	334.96	335.75	334.42	0.50	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-12	Instrumnet Name :	P7
Client Sample ID :	MYD5D9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:08:24	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.19	1.18	1.18	1.19	0.25	ppb
Vanadium	51-2	375.86	377.92	378.36	377.38	0.35	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	260.71	263.05	261.44	261.74	0.46	ppb
Zirconium	90-1	10.10	10.25	10.50	10.28	1.99	ppb
Zirconium	91-1	10.73	10.37	10.89	10.67	2.52	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-13	Instrumnet Name :	P7
Client Sample ID :	MYD5E0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:11:34	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62854.42	62365.77	62042.51	62420.90	0.65	ppb
Antimony	121-1	2.85	2.89	2.89	2.88	0.77	ppb
Arsenic	75-2	362.49	359.15	353.03	358.22	1.34	ppb
Barium	135-1	472.38	476.72	481.02	476.71	0.91	ppb
Barium	137-1	473.36	481.80	481.86	479.01	1.02	ppb
Beryllium	9-1	1.57	1.72	1.70	1.66	5.01	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.08	2.72	3.18	2.99	8.07	ppb
Cadmium	106-1	3.60	3.88	4.91	4.13	16.67	ppb
Cadmium	111-1	1.43	1.32	1.46	1.40	5.45	ppb
Calcium	43-1	11453.63	11509.96	11800.54	11588.04	1.61	ppb
Calcium	44-1	10777.70	10756.06	11052.84	10862.20	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	281.38	279.98	277.97	279.78	0.61	ppb
Cobalt	59-2	85.68	86.05	85.46	85.73	0.35	ppb
Copper	63-2	262.95	262.25	261.60	262.27	0.26	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				93		%
Holmium	165-2				94		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	56-2	164596.95	162171.29	163123.38	163297.20	0.75	ppb
Iron	57-2	161953.65	162103.97	162870.07	162309.23	0.30	ppb
Iron	54-2	163760.84	162142.14	162860.50	162921.16	0.50	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-13	Instrumnet Name :	P7
Client Sample ID :	MYD5E0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:11:34	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	46.30	46.73	46.79	46.61	0.58	ppb
Lead	207-1	45.53	45.71	45.75	45.66	0.26	ppb
Lead	208-1	45.44	45.91	45.93	45.76	0.61	ppb
Lithium	6-1				83		%
Magnesium	24-2	36603.74	35718.30	36083.61	36135.22	1.23	ppb
Manganese	55-2	3544.09	3538.73	3520.84	3534.55	0.34	ppb
Molybdenum	94-1	30.51	30.34	31.53	30.80	2.08	ppb
Molybdenum	95-1	1.93	1.82	1.92	1.89	3.33	ppb
Molybdenum	96-1	6.06	6.15	6.10	6.10	0.80	ppb
Molybdenum	97-1	1.87	1.90	1.88	1.88	0.75	ppb
Molybdenum	98-1	1.88	1.92	1.82	1.87	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	186.48	183.92	186.70	185.70	0.83	ppb
Phosphorus	31-2	2056.47	2055.03	2043.30	2051.60	0.35	ppb
Potassium	39-2	9772.08	9734.12	9712.10	9739.43	0.31	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				84		%
Scandium	45-2				85		%
Selenium	82-1	1.38	0.84	1.04	1.08	25.23	ppb
Selenium	77-2	14.40	15.29	18.98	16.22	14.98	ppb
Selenium	78-2	2.39	1.27	3.99	2.55	53.70	ppb
Silicon	28-1	441.84	442.75	446.06	443.55	0.50	ppb
Silver	107-1	0.32	0.35	0.34	0.34	4.40	ppb
Silver	109-1	0.31	0.32	0.32	0.32	2.47	ppb
Sodium	23-2	168.09	165.04	167.41	166.85	0.96	ppb
Strontium	86-1	72.64	73.23	73.67	73.18	0.70	ppb
Strontium	88-1	73.57	73.72	74.00	73.76	0.30	ppb
Sulfur	34-1	-678.64	-770.52	-559.26	-669.47		ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.31	0.33	0.31	0.32	3.39	ppb
Thallium	205-1	0.30	0.32	0.32	0.32	3.11	ppb
Tin	118-1	2.62	2.72	2.69	2.68	1.95	ppb
Titanium	47-1	790.69	793.18	814.53	799.47	1.64	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-13	Instrumnet Name :	P7
Client Sample ID :	MYD5E0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:11:34	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.21	1.23	1.24	1.22	1.15	ppb
Vanadium	51-2	339.60	340.04	336.73	338.79	0.53	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	285.84	283.84	282.09	283.92	0.66	ppb
Zirconium	90-1	16.05	16.49	16.47	16.34	1.50	ppb
Zirconium	91-1	16.22	16.50	16.10	16.27	1.25	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-14	Instrumnet Name :	P7
Client Sample ID :	MYD5E1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:14:46	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24173.82	24760.25	24761.00	24565.02	1.38	ppb
Antimony	121-1	0.87	0.91	0.90	0.89	2.19	ppb
Arsenic	75-2	35.55	35.93	36.84	36.11	1.83	ppb
Barium	135-1	207.89	210.60	214.15	210.88	1.49	ppb
Barium	137-1	209.82	211.94	215.63	212.46	1.38	ppb
Beryllium	9-1	0.82	0.76	0.70	0.76	7.52	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.79	1.05	1.54	1.13	34.06	ppb
Cadmium	106-1	1.46	1.84	1.89	1.73	13.66	ppb
Cadmium	111-1	0.45	0.55	0.47	0.49	10.43	ppb
Calcium	43-1	22405.38	22862.59	23196.42	22821.46	1.74	ppb
Calcium	44-1	20981.53	21414.99	21656.79	21351.10	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.14	74.75	74.75	74.22	1.25	ppb
Cobalt	59-2	34.84	35.49	35.36	35.23	0.97	ppb
Copper	63-2	95.76	97.63	96.79	96.73	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				93		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	58511.37	58628.95	58380.55	58506.96	0.21	ppb
Iron	57-2	58203.55	58704.58	58644.02	58517.38	0.47	ppb
Iron	54-2	57892.59	58245.90	58415.41	58184.63	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-14	Instrumnet Name :	P7
Client Sample ID :	MYD5E1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:14:46	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.01	24.70	25.33	25.01	1.26	ppb
Lead	207-1	24.41	23.90	24.55	24.28	1.41	ppb
Lead	208-1	24.52	24.20	24.67	24.46	0.98	ppb
Lithium	6-1				84		%
Magnesium	24-2	14138.43	14461.44	14302.42	14300.76	1.13	ppb
Manganese	55-2	1136.77	1141.52	1137.86	1138.72	0.22	ppb
Molybdenum	94-1	10.48	10.52	10.73	10.58	1.26	ppb
Molybdenum	95-1	0.76	0.81	0.81	0.79	3.54	ppb
Molybdenum	96-1	2.28	2.29	2.29	2.29	0.22	ppb
Molybdenum	97-1	0.74	0.84	0.85	0.81	7.17	ppb
Molybdenum	98-1	0.82	0.82	0.84	0.83	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.75	59.59	59.87	59.41	0.98	ppb
Phosphorus	31-2	1341.74	1315.26	1328.91	1328.64	1.00	ppb
Potassium	39-2	3772.94	3888.48	3874.76	3845.39	1.64	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				80		%
Scandium	45-2				81		%
Selenium	82-1	0.57	0.06	0.38	0.34	76.05	ppb
Selenium	77-2	6.31	12.26	11.62	10.06	32.46	ppb
Selenium	78-2	2.09	0.36	2.76	1.74	71.16	ppb
Silicon	28-1	543.11	558.13	561.41	554.22	1.76	ppb
Silver	107-1	0.15	0.15	0.16	0.15	3.93	ppb
Silver	109-1	0.14	0.14	0.15	0.14	5.41	ppb
Sodium	23-2	171.36	176.75	174.97	174.36	1.58	ppb
Strontium	86-1	56.83	56.25	57.47	56.85	1.08	ppb
Strontium	88-1	56.71	56.17	57.40	56.76	1.09	ppb
Sulfur	34-1	-434.24	-262.44	-249.45	-315.38		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.15	0.14	0.13	0.14	4.92	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	3.34	ppb
Tin	118-1	2.92	2.91	3.05	2.96	2.67	ppb
Titanium	47-1	565.23	585.73	584.90	578.62	2.01	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-14	Instrumnet Name :	P7
Client Sample ID :	MYD5E1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:14:46	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.61	0.64	0.63	2.12	ppb
Vanadium	51-2	120.61	123.54	122.32	122.16	1.21	ppb
Yttrium	89-1				89		%
Yttrium	89-2				89		%
Zinc	66-2	131.78	135.20	133.62	133.53	1.28	ppb
Zirconium	90-1	5.56	5.53	5.67	5.59	1.25	ppb
Zirconium	91-1	5.47	5.48	5.73	5.56	2.66	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-15	Instrumnet Name :	P7
Client Sample ID :	MYD5E2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:17:56	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57258.16	57607.43	57555.81	57473.80	0.33	ppb
Antimony	121-1	1.40	1.40	1.42	1.41	0.88	ppb
Arsenic	75-2	83.69	83.70	87.37	84.92	2.50	ppb
Barium	135-1	207.91	209.98	211.18	209.69	0.79	ppb
Barium	137-1	209.20	211.29	211.38	210.63	0.58	ppb
Beryllium	9-1	0.97	0.95	0.91	0.95	2.93	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.27	2.08	1.85	2.07	10.32	ppb
Cadmium	106-1	1.32	2.21	1.74	1.76	25.43	ppb
Cadmium	111-1	0.43	0.57	0.51	0.51	13.60	ppb
Calcium	43-1	38311.99	39013.85	39049.28	38791.71	1.07	ppb
Calcium	44-1	35910.44	36098.25	36341.39	36116.69	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205.55	204.30	203.17	204.34	0.58	ppb
Cobalt	59-2	82.02	81.84	81.75	81.87	0.17	ppb
Copper	63-2	212.00	211.40	211.43	211.61	0.16	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				93		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	125953.86	125236.21	125751.14	125647.07	0.29	ppb
Iron	57-2	125043.64	125851.74	125109.81	125335.07	0.36	ppb
Iron	54-2	126191.49	125002.13	124651.29	125281.63	0.64	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-15	Instrumnet Name :	P7
Client Sample ID :	MYD5E2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:17:56	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.25	19.27	19.25	19.26	0.06	ppb
Lead	207-1	18.43	18.67	18.86	18.66	1.15	ppb
Lead	208-1	18.57	18.83	18.86	18.75	0.87	ppb
Lithium	6-1				83		%
Magnesium	24-2	39430.92	39158.42	39211.35	39266.90	0.37	ppb
Manganese	55-2	2099.23	2101.79	2130.94	2110.65	0.83	ppb
Molybdenum	94-1	18.00	18.51	18.05	18.18	1.53	ppb
Molybdenum	95-1	0.87	0.85	0.87	0.86	1.17	ppb
Molybdenum	96-1	3.56	3.86	3.84	3.75	4.38	ppb
Molybdenum	97-1	0.83	0.95	0.90	0.89	6.58	ppb
Molybdenum	98-1	0.85	0.86	0.81	0.84	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	149.91	151.52	150.68	150.71	0.53	ppb
Phosphorus	31-2	1698.68	1710.78	1635.95	1681.80	2.39	ppb
Potassium	39-2	3886.50	3893.66	3861.41	3880.52	0.44	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				83		%
Scandium	45-2				83		%
Selenium	82-1	0.37	1.34	0.72	0.81	61.17	ppb
Selenium	77-2	6.37	8.44	14.06	9.62	41.33	ppb
Selenium	78-2	3.17	0.60	2.05	1.94	66.38	ppb
Silicon	28-1	571.82	580.97	589.65	580.81	1.53	ppb
Silver	107-1	0.17	0.16	0.17	0.17	4.10	ppb
Silver	109-1	0.15	0.15	0.16	0.15	4.30	ppb
Sodium	23-2	482.78	483.68	488.64	485.03	0.65	ppb
Strontium	86-1	104.70	106.95	105.94	105.86	1.06	ppb
Strontium	88-1	106.71	108.47	106.96	107.38	0.89	ppb
Sulfur	34-1	-584.37	-597.08	-576.48	-585.98		ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	0.15	0.15	0.15	0.15	2.47	ppb
Thallium	205-1	0.16	0.16	0.14	0.15	5.16	ppb
Tin	118-1	2.44	2.56	2.55	2.52	2.53	ppb
Titanium	47-1	1258.30	1278.89	1280.56	1272.59	0.97	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-15	Instrumnet Name :	P7
Client Sample ID :	MYD5E2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:17:56	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.66	0.64	0.65	1.63	ppb
Vanadium	51-2	282.00	281.42	281.11	281.51	0.16	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	191.39	193.01	194.34	192.91	0.77	ppb
Zirconium	90-1	9.58	9.90	9.82	9.77	1.68	ppb
Zirconium	91-1	9.64	10.08	9.85	9.85	2.25	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-16	Instrumnet Name :	P7
Client Sample ID :	MYD5E4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:21:08	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49736.94	49468.08	49238.59	49481.20	0.50	ppb
Antimony	121-1	2.66	2.74	2.67	2.69	1.72	ppb
Arsenic	75-2	72.26	72.31	70.73	71.77	1.25	ppb
Barium	135-1	364.67	367.95	367.27	366.63	0.47	ppb
Barium	137-1	365.78	370.45	370.36	368.86	0.72	ppb
Beryllium	9-1	1.61	1.54	1.50	1.55	3.77	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.66	3.16	2.87	2.90	8.55	ppb
Cadmium	106-1	2.47	3.07	1.79	2.44	26.07	ppb
Cadmium	111-1	1.98	1.99	1.86	1.94	3.80	ppb
Calcium	43-1	24795.81	24867.18	25051.22	24904.74	0.53	ppb
Calcium	44-1	23135.65	23145.64	23296.94	23192.74	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.52	119.01	118.31	118.95	0.51	ppb
Cobalt	59-2	52.79	51.71	51.99	52.16	1.08	ppb
Copper	63-2	288.12	289.48	287.44	288.35	0.36	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				93		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	97899.45	97597.51	96974.33	97490.43	0.48	ppb
Iron	57-2	96453.89	95885.36	94973.52	95770.93	0.78	ppb
Iron	54-2	97001.07	96799.96	96285.05	96695.36	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-16	Instrumnet Name :	P7
Client Sample ID :	MYD5E4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:21:08	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	256.90	261.66	263.24	260.60	1.27	ppb
Lead	207-1	264.77	268.52	270.71	268.00	1.12	ppb
Lead	208-1	274.76	278.86	280.28	277.97	1.03	ppb
Lithium	6-1				82		%
Magnesium	24-2	22337.56	22525.69	22306.51	22389.92	0.53	ppb
Manganese	55-2	1637.70	1660.01	1628.95	1642.22	0.98	ppb
Molybdenum	94-1	16.44	16.40	16.83	16.56	1.44	ppb
Molybdenum	95-1	1.25	1.27	1.26	1.26	0.85	ppb
Molybdenum	96-1	3.59	3.58	3.57	3.58	0.24	ppb
Molybdenum	97-1	1.23	1.21	1.21	1.22	0.84	ppb
Molybdenum	98-1	1.25	1.21	1.23	1.23	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.65	87.71	87.59	87.98	0.66	ppb
Phosphorus	31-2	2584.97	2519.70	2566.56	2557.08	1.32	ppb
Potassium	39-2	5707.63	5662.13	5701.17	5690.31	0.43	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	82-1	0.49	1.53	1.46	1.16	49.78	ppb
Selenium	77-2	14.13	14.97	12.60	13.90	8.64	ppb
Selenium	78-2	5.11	3.00	2.71	3.61	36.22	ppb
Silicon	28-1	636.62	641.02	645.45	641.03	0.69	ppb
Silver	107-1	0.93	0.90	0.93	0.92	1.88	ppb
Silver	109-1	0.89	0.88	0.90	0.89	0.82	ppb
Sodium	23-2	322.48	321.20	319.86	321.18	0.41	ppb
Strontium	86-1	99.48	100.04	100.96	100.16	0.74	ppb
Strontium	88-1	100.45	100.29	101.60	100.78	0.71	ppb
Sulfur	34-1	291.47	154.62	163.88	203.32	37.61	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.24	0.27	0.27	0.26	5.52	ppb
Thallium	205-1	0.27	0.25	0.27	0.26	2.95	ppb
Tin	118-1	5.37	5.26	5.40	5.35	1.38	ppb
Titanium	47-1	949.47	947.67	956.83	951.32	0.51	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-16	Instrumnet Name :	P7
Client Sample ID :	MYD5E4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:21:08	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.06	1.09	1.06	2.07	ppb
Vanadium	51-2	181.72	181.65	177.98	180.45	1.19	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	563.65	559.64	559.77	561.02	0.41	ppb
Zirconium	90-1	8.64	8.77	8.86	8.76	1.29	ppb
Zirconium	91-1	8.67	9.16	8.84	8.89	2.77	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-17	Instrumnet Name :	P7
Client Sample ID :	MYD5E5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:24:17	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41630.95	41884.10	42169.27	41894.77	0.64	ppb
Antimony	121-1	1.41	1.45	1.48	1.45	2.33	ppb
Arsenic	75-2	58.05	57.40	55.85	57.10	1.98	ppb
Barium	135-1	181.79	183.11	183.31	182.73	0.45	ppb
Barium	137-1	180.24	181.79	183.39	181.81	0.87	ppb
Beryllium	9-1	0.64	0.69	0.71	0.68	4.78	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.91	2.09	2.04	2.02	4.67	ppb
Cadmium	106-1	0.30	1.29	1.51	1.03	62.47	ppb
Cadmium	111-1	0.95	0.99	1.01	0.98	3.12	ppb
Calcium	43-1	21280.20	21310.89	21709.17	21433.42	1.12	ppb
Calcium	44-1	19603.62	19823.80	20035.96	19821.13	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152.17	153.65	151.05	152.29	0.85	ppb
Cobalt	59-2	54.10	54.00	53.53	53.88	0.56	ppb
Copper	63-2	165.54	170.18	166.18	167.30	1.50	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				93		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	89629.71	89733.72	89548.26	89637.23	0.10	ppb
Iron	57-2	87893.06	88453.12	88434.36	88260.18	0.36	ppb
Iron	54-2	88825.23	89217.43	88922.67	88988.45	0.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-17	Instrumnet Name :	P7
Client Sample ID :	MYD5E5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:24:17	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.06	52.25	53.24	52.52	1.20	ppb
Lead	207-1	52.32	52.18	53.67	52.72	1.56	ppb
Lead	208-1	52.07	52.10	52.93	52.37	0.94	ppb
Lithium	6-1				84		%
Magnesium	24-2	29856.54	29744.81	29388.16	29663.17	0.82	ppb
Manganese	55-2	1437.95	1448.40	1437.83	1441.39	0.42	ppb
Molybdenum	94-1	12.86	13.00	12.98	12.95	0.60	ppb
Molybdenum	95-1	0.71	0.70	0.67	0.69	2.51	ppb
Molybdenum	96-1	2.69	2.73	2.62	2.68	2.04	ppb
Molybdenum	97-1	0.64	0.66	0.66	0.65	2.32	ppb
Molybdenum	98-1	0.62	0.68	0.67	0.66	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.56	122.92	121.73	123.07	1.15	ppb
Phosphorus	31-2	1687.40	1733.37	1755.95	1725.57	2.02	ppb
Potassium	39-2	3366.89	3394.97	3387.52	3383.12	0.43	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	82-1	0.68	0.82	-0.22	0.43	132.90	ppb
Selenium	77-2	4.26	6.90	8.50	6.55	32.61	ppb
Selenium	78-2	2.18	1.36	0.13	1.22	84.30	ppb
Silicon	28-1	631.69	632.30	640.05	634.68	0.73	ppb
Silver	107-1	0.25	0.25	0.27	0.25	4.32	ppb
Silver	109-1	0.25	0.26	0.26	0.26	3.94	ppb
Sodium	23-2	663.98	663.44	661.94	663.12	0.16	ppb
Strontium	86-1	85.35	87.50	87.50	86.78	1.43	ppb
Strontium	88-1	86.54	87.87	88.04	87.48	0.94	ppb
Sulfur	34-1	-400.75	-429.01	-310.46	-380.07		ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.12	0.12	0.13	0.12	5.25	ppb
Thallium	205-1	0.12	0.11	0.12	0.11	5.23	ppb
Tin	118-1	2.74	2.74	2.79	2.76	0.94	ppb
Titanium	47-1	999.27	1006.41	1020.24	1008.64	1.06	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-17	Instrumnet Name :	P7
Client Sample ID :	MYD5E5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:24:17	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.51	0.51	0.50	0.50	1.29	ppb
Vanadium	51-2	178.93	180.94	180.09	179.99	0.56	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	523.29	525.78	518.96	522.68	0.66	ppb
Zirconium	90-1	6.84	7.15	7.05	7.01	2.26	ppb
Zirconium	91-1	6.96	7.08	7.21	7.08	1.75	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:33:34	DataFile Name :	110CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49398.82	48277.43	49396.60	49024.29	1.32	ppb
Antimony	121-1	461.77	507.84	508.18	492.60	5.42	ppb
Arsenic	75-2	508.09	507.30	503.40	506.26	0.50	ppb
Barium	135-1	2337.79	2507.02	2564.44	2469.75	4.77	ppb
Barium	137-1	2326.28	2504.30	2570.50	2467.03	5.12	ppb
Beryllium	9-1	481.35	510.48	521.08	504.30	4.08	ppb
Bismuth	209-1				88		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	468.40	510.38	512.12	496.97	4.98	ppb
Cadmium	106-1	467.83	508.84	514.69	497.12	5.14	ppb
Cadmium	111-1	460.00	504.37	510.16	491.51	5.58	ppb
Calcium	43-1	227244.19	252349.14	252963.39	244185.57	6.01	ppb
Calcium	44-1	228116.67	249765.06	254346.03	244075.92	5.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	519.67	516.80	519.99	518.82	0.34	ppb
Cobalt	59-2	524.18	518.61	527.77	523.52	0.88	ppb
Copper	63-2	5182.25	5189.77	5200.77	5190.93	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				92		%
Holmium	165-2				89		%
Indium	115-1				82		%
Indium	115-2				78		%
Iron	56-2	134291.73	132805.65	133125.05	133407.48	0.59	ppb
Iron	57-2	132706.24	131493.81	133398.99	132533.01	0.73	ppb
Iron	54-2	133284.69	131271.27	133351.00	132635.66	0.89	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:33:34	DataFile Name :	110CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2369.55	2605.21	2625.36	2533.37	5.61	ppb
Lead	207-1	2355.84	2588.57	2654.26	2532.89	6.19	ppb
Lead	208-1	2366.80	2599.47	2633.51	2533.26	5.73	ppb
Lithium	6-1				80		%
Magnesium	24-2	245252.59	242372.31	247176.82	244933.91	0.99	ppb
Manganese	55-2	5296.66	5288.40	5345.54	5310.20	0.58	ppb
Molybdenum	94-1	4678.32	5151.61	5186.38	5005.44	5.67	ppb
Molybdenum	95-1	4692.33	5094.71	5178.32	4988.45	5.21	ppb
Molybdenum	96-1	4695.37	5105.20	5203.85	5001.47	5.39	ppb
Molybdenum	97-1	4685.88	5069.05	5174.41	4976.45	5.17	ppb
Molybdenum	98-1	4662.27	5144.84	5199.45	5002.19	5.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.59	512.99	525.67	519.75	1.23	ppb
Phosphorus	31-2	10101.11	9959.23	9954.40	10004.91	0.83	ppb
Potassium	39-2	124833.21	123526.93	125606.04	124655.39	0.84	ppb
Rhodium	103-1				77		%
Rhodium	103-2				74		%
Scandium	45-1				76		%
Scandium	45-2				73		%
Selenium	82-1	460.98	497.93	506.09	488.33	4.92	ppb
Selenium	77-2	485.64	484.98	498.55	489.73	1.56	ppb
Selenium	78-2	490.53	486.28	494.73	490.51	0.86	ppb
Silicon	28-1	503.72	558.66	562.88	541.75	6.09	ppb
Silver	107-1	451.58	485.95	496.61	478.05	4.92	ppb
Silver	109-1	442.90	488.91	490.14	473.98	5.68	ppb
Sodium	23-2	248412.64	245987.19	250797.68	248399.17	0.97	ppb
Strontium	86-1	11605.79	12672.57	12817.53	12365.30	5.35	ppb
Strontium	88-1	11689.58	12722.07	12930.76	12447.47	5.34	ppb
Sulfur	34-1	9246.90	10418.32	10558.96	10074.72	7.15	ppb
Terbium	159-1				91		%
Terbium	159-2				88		%
Thallium	203-1	477.21	535.78	538.44	517.14	6.69	ppb
Thallium	205-1	473.75	523.28	520.84	505.96	5.52	ppb
Tin	118-1	461.83	504.22	511.97	492.67	5.48	ppb
Titanium	47-1	4640.97	5114.00	5117.43	4957.47	5.53	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:33:34	DataFile Name :	110CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	475.50	548.00	537.60	520.37	7.53	ppb
Vanadium	51-2	525.93	521.93	524.30	524.06	0.38	ppb
Yttrium	89-1				84		%
Yttrium	89-2				79		%
Zinc	66-2	5277.10	5204.76	5270.45	5250.77	0.76	ppb
Zirconium	90-1	469.75	514.60	518.03	500.79	5.38	ppb
Zirconium	91-1	462.97	509.02	519.21	497.07	6.03	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:36:20	DataFile Name :	111CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.99	0.79	0.99	0.92	12.54	ppb
Antimony	121-1	0.37	0.37	0.43	0.39	7.83	ppb
Arsenic	75-2	0.07	0.04	0.07	0.06	25.44	ppb
Barium	135-1	0.04	0.04	0.03	0.04	16.24	ppb
Barium	137-1	0.05	0.03	0.02	0.04	39.34	ppb
Beryllium	9-1	0.19	0.07	0.08	0.11	58.46	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.12	0.15	0.09	85.21	ppb
Cadmium	106-1	-1.23	-0.82	-1.28	-1.11		ppb
Cadmium	111-1	-0.05	-0.04	-0.09	-0.06		ppb
Calcium	43-1	-1.81	-0.14	-0.57	-0.84		ppb
Calcium	44-1	3.59	2.42	3.23	3.08	19.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	-0.02	-0.01		ppb
Cobalt	59-2	0.01	-0.02	0.00	0.00		ppb
Copper	63-2	0.13	0.22	0.16	0.17	27.92	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				94		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				88		%
Iron	56-2	4.42	4.75	4.92	4.69	5.43	ppb
Iron	57-2	2.90	0.84	3.94	2.56	61.51	ppb
Iron	54-2	6.57	4.84	5.36	5.59	15.93	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:36:20	DataFile Name :	111CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.17	0.14	0.13	0.15	13.97	ppb
Lead	207-1	0.15	0.16	0.14	0.15	7.36	ppb
Lead	208-1	0.17	0.15	0.14	0.16	9.09	ppb
Lithium	6-1				85		%
Magnesium	24-2	4.87	5.98	6.10	5.65	11.99	ppb
Manganese	55-2	0.14	0.17	0.14	0.15	11.32	ppb
Molybdenum	94-1	0.39	0.30	0.34	0.34	14.02	ppb
Molybdenum	95-1	0.26	0.19	0.22	0.22	14.53	ppb
Molybdenum	96-1	0.22	0.23	0.21	0.22	4.69	ppb
Molybdenum	97-1	0.27	0.25	0.26	0.26	5.66	ppb
Molybdenum	98-1	0.25	0.21	0.23	0.23	8.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.04	-0.01		ppb
Phosphorus	31-2	-17.91	-16.24	-11.47	-15.20		ppb
Potassium	39-2	3.61	3.90	4.99	4.16	17.51	ppb
Rhodium	103-1				85		%
Rhodium	103-2				88		%
Scandium	45-1				78		%
Scandium	45-2				80		%
Selenium	82-1	0.26	0.04	-0.04	0.09	175.26	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.05	0.71	-0.91	-0.05		ppb
Silicon	28-1	-1.65	-1.51	-1.16	-1.44		ppb
Silver	107-1	0.06	0.04	0.04	0.04	24.39	ppb
Silver	109-1	0.05	0.04	0.03	0.04	28.56	ppb
Sodium	23-2	26.57	25.03	23.93	25.17	5.27	ppb
Strontium	86-1	0.22	0.20	0.20	0.21	7.19	ppb
Strontium	88-1	0.25	0.16	0.20	0.20	21.19	ppb
Sulfur	34-1	-236.56	-144.22	-23.88	-134.88		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.08	0.08	0.07	0.08	7.93	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	6.15	ppb
Tin	118-1	0.07	0.11	0.13	0.11	27.96	ppb
Titanium	47-1	0.06	0.13	0.20	0.13	55.38	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:36:20	DataFile Name :	111CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	29.49	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	42.67	ppb
Yttrium	89-1				85		%
Yttrium	89-2				86		%
Zinc	66-2	0.42	0.23	0.23	0.29	37.49	ppb
Zirconium	90-1	0.10	0.10	0.10	0.10	3.01	ppb
Zirconium	91-1	0.08	0.10	0.10	0.10	10.81	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-18	Instrumnet Name :	P7
Client Sample ID :	MYD5E6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:39:40	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55953.10	54610.99	54764.77	55109.62	1.33	ppb
Antimony	121-1	10.74	10.56	10.86	10.72	1.42	ppb
Arsenic	75-2	832.17	816.43	826.12	824.91	0.96	ppb
Barium	135-1	540.71	544.72	548.13	544.52	0.68	ppb
Barium	137-1	572.90	583.79	566.68	574.46	1.51	ppb
Beryllium	9-1	1.77	1.76	1.86	1.80	3.06	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.71	1.70	2.36	1.92	19.52	ppb
Cadmium	106-1	2.49	1.48	1.18	1.71	40.27	ppb
Cadmium	111-1	0.67	0.61	0.56	0.61	9.51	ppb
Calcium	43-1	85607.97	84609.71	85162.08	85126.59	0.59	ppb
Calcium	44-1	85054.16	85982.18	85262.83	85433.06	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	653.48	653.41	655.87	654.25	0.21	ppb
Cobalt	59-2	107.74	107.22	108.09	107.68	0.40	ppb
Copper	63-2	244.57	243.20	245.20	244.32	0.42	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				96		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	186994.29	185036.59	187298.71	186443.20	0.66	ppb
Iron	57-2	185201.51	183410.18	185577.77	184729.82	0.63	ppb
Iron	54-2	186521.00	185056.76	186272.21	185949.99	0.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-18	Instrumnet Name :	P7
Client Sample ID :	MYD5E6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:39:40	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.68	33.22	33.44	33.11	1.18	ppb
Lead	207-1	30.82	31.15	31.28	31.08	0.77	ppb
Lead	208-1	31.43	31.74	31.94	31.70	0.82	ppb
Lithium	6-1				87		%
Magnesium	24-2	42042.67	42011.28	42201.39	42085.11	0.24	ppb
Manganese	55-2	6767.16	6700.97	6783.47	6750.53	0.65	ppb
Molybdenum	94-1	21.69	22.13	23.12	22.31	3.28	ppb
Molybdenum	95-1	3.87	3.88	4.03	3.93	2.25	ppb
Molybdenum	96-1	7.12	7.15	7.39	7.22	2.04	ppb
Molybdenum	97-1	3.76	3.87	3.82	3.82	1.52	ppb
Molybdenum	98-1	3.75	3.83	3.87	3.82	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	404.65	403.62	406.19	404.82	0.32	ppb
Phosphorus	31-2	2064.12	2023.00	2018.57	2035.23	1.23	ppb
Potassium	39-2	5698.71	5475.07	5572.83	5582.20	2.01	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	82-1	0.89	1.22	1.09	1.07	15.45	ppb
Selenium	77-2	14.90	11.08	16.79	14.26	20.38	ppb
Selenium	78-2	3.72	3.81	3.42	3.65	5.64	ppb
Silicon	28-1	747.27	711.92	709.79	722.99	2.91	ppb
Silver	107-1	0.23	0.22	0.20	0.21	7.16	ppb
Silver	109-1	0.22	0.18	0.17	0.19	13.18	ppb
Sodium	23-2	183.19	179.22	184.21	182.21	1.45	ppb
Strontium	86-1	156.94	160.56	160.93	159.48	1.38	ppb
Strontium	88-1	160.38	163.99	162.44	162.27	1.12	ppb
Sulfur	34-1	-275.92	-369.72	-407.90	-351.18		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.39	0.40	0.41	0.40	1.87	ppb
Thallium	205-1	0.37	0.40	0.40	0.39	4.77	ppb
Tin	118-1	2.58	2.70	2.73	2.67	2.99	ppb
Titanium	47-1	789.21	799.80	795.17	794.73	0.67	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-18	Instrumnet Name :	P7
Client Sample ID :	MYD5E6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:39:40	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	1.01	1.04	1.00	3.80	ppb
Vanadium	51-2	382.69	379.95	382.48	381.70	0.40	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	246.10	245.28	246.76	246.04	0.30	ppb
Zirconium	90-1	10.52	10.63	10.82	10.66	1.39	ppb
Zirconium	91-1	10.34	10.92	11.28	10.85	4.38	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-19	Instrumnet Name :	P7
Client Sample ID :	MYD5E7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:42:47	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50638.24	50219.85	50736.48	50531.52	0.54	ppb
Antimony	121-1	13.48	13.88	14.10	13.82	2.29	ppb
Arsenic	75-2	1038.95	1022.16	1014.44	1025.18	1.22	ppb
Barium	135-1	486.65	496.96	498.63	494.08	1.31	ppb
Barium	137-1	485.27	528.42	498.57	504.09	4.38	ppb
Beryllium	9-1	1.71	1.74	1.82	1.76	3.23	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.80	2.85	2.23	2.29	23.06	ppb
Cadmium	106-1	2.55	1.53	3.11	2.39	33.41	ppb
Cadmium	111-1	0.53	0.36	0.52	0.47	19.97	ppb
Calcium	43-1	100201.01	100672.45	101741.36	100871.61	0.78	ppb
Calcium	44-1	98621.72	99596.05	101627.40	99948.39	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	873.53	889.75	873.44	878.91	1.07	ppb
Cobalt	59-2	116.23	116.43	114.45	115.71	0.94	ppb
Copper	63-2	270.87	269.76	268.27	269.63	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				98		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	200176.43	198214.05	198014.11	198801.53	0.60	ppb
Iron	57-2	196288.68	196616.54	196411.48	196438.90	0.08	ppb
Iron	54-2	199360.06	196709.13	197319.47	197796.22	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-19	Instrumnet Name :	P7
Client Sample ID :	MYD5E7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:42:47	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.43	26.18	27.14	26.58	1.88	ppb
Lead	207-1	23.81	23.72	23.91	23.81	0.39	ppb
Lead	208-1	24.50	24.54	25.04	24.69	1.23	ppb
Lithium	6-1				89		%
Magnesium	24-2	43795.51	43608.82	43782.31	43728.88	0.24	ppb
Manganese	55-2	7116.23	7017.66	7035.63	7056.51	0.74	ppb
Molybdenum	94-1	28.58	29.70	29.13	29.14	1.93	ppb
Molybdenum	95-1	5.02	5.01	4.98	5.00	0.42	ppb
Molybdenum	96-1	8.77	9.14	8.90	8.94	2.10	ppb
Molybdenum	97-1	4.69	4.92	4.93	4.85	2.82	ppb
Molybdenum	98-1	4.85	4.90	4.86	4.87	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.15	520.45	522.48	523.36	0.66	ppb
Phosphorus	31-2	1636.64	1538.65	1524.26	1566.52	3.90	ppb
Potassium	39-2	2084.69	2076.29	2085.23	2082.07	0.24	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	1.96	1.54	1.42	1.64	17.27	ppb
Selenium	77-2	16.35	9.32	10.86	12.18	30.31	ppb
Selenium	78-2	3.24	1.84	2.39	2.49	28.12	ppb
Silicon	28-1	612.01	612.67	623.39	616.03	1.04	ppb
Silver	107-1	0.12	0.12	0.13	0.12	4.12	ppb
Silver	109-1	0.09	0.09	0.11	0.10	8.47	ppb
Sodium	23-2	209.48	214.82	210.99	211.77	1.30	ppb
Strontium	86-1	150.67	152.54	152.24	151.82	0.66	ppb
Strontium	88-1	150.81	154.67	154.58	153.35	1.43	ppb
Sulfur	34-1	-474.72	-596.62	-639.56	-570.30		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.28	0.29	0.30	0.29	4.16	ppb
Thallium	205-1	0.28	0.29	0.29	0.29	2.14	ppb
Tin	118-1	2.13	2.16	2.14	2.15	0.62	ppb
Titanium	47-1	870.40	879.15	884.22	877.92	0.80	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-19	Instrumnet Name :	P7
Client Sample ID :	MYD5E7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:42:47	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	1.00	1.00	0.99	1.39	ppb
Vanadium	51-2	403.70	405.82	401.85	403.79	0.49	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	194.96	197.05	197.91	196.64	0.77	ppb
Zirconium	90-1	13.97	14.35	14.28	14.20	1.44	ppb
Zirconium	91-1	14.38	14.22	14.53	14.38	1.10	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-20	Instrumnet Name :	P7
Client Sample ID :	MYD5E8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:45:56	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46313.84	46232.14	46091.43	46212.47	0.24	ppb
Antimony	121-1	1.81	1.86	1.93	1.87	3.30	ppb
Arsenic	75-2	89.35	89.43	89.61	89.46	0.15	ppb
Barium	135-1	477.88	480.56	490.33	482.92	1.36	ppb
Barium	137-1	481.00	484.35	492.02	485.79	1.16	ppb
Beryllium	9-1	1.86	1.93	1.71	1.83	6.05	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.54	1.77	1.89	1.73	10.31	ppb
Cadmium	106-1	2.39	2.69	3.05	2.71	12.16	ppb
Cadmium	111-1	0.93	0.97	1.04	0.98	6.06	ppb
Calcium	43-1	31890.11	32617.17	32125.79	32211.02	1.15	ppb
Calcium	44-1	29798.54	30147.60	29758.32	29901.49	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.35	102.29	101.97	102.20	0.20	ppb
Cobalt	59-2	39.47	40.12	39.95	39.85	0.84	ppb
Copper	63-2	145.31	147.27	146.76	146.45	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				98		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	87012.33	88413.49	87310.20	87578.67	0.84	ppb
Iron	57-2	85993.10	86205.29	87218.31	86472.23	0.76	ppb
Iron	54-2	86424.41	86850.57	86317.16	86530.71	0.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-20	Instrumnet Name :	P7
Client Sample ID :	MYD5E8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:45:56	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.90	58.72	58.47	58.70	0.36	ppb
Lead	207-1	57.07	57.01	56.69	56.92	0.36	ppb
Lead	208-1	57.47	57.45	57.15	57.36	0.32	ppb
Lithium	6-1				89		%
Magnesium	24-2	19547.65	19717.12	19579.38	19614.72	0.46	ppb
Manganese	55-2	1987.49	2021.56	2026.84	2011.96	1.06	ppb
Molybdenum	94-1	20.76	20.55	20.78	20.70	0.61	ppb
Molybdenum	95-1	1.64	1.66	1.64	1.64	0.87	ppb
Molybdenum	96-1	4.18	4.13	4.16	4.16	0.56	ppb
Molybdenum	97-1	1.56	1.57	1.66	1.60	3.50	ppb
Molybdenum	98-1	1.59	1.60	1.63	1.61	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.22	80.36	80.71	80.10	0.98	ppb
Phosphorus	31-2	2672.40	2725.34	2833.59	2743.78	2.99	ppb
Potassium	39-2	9272.54	9318.78	9202.47	9264.60	0.63	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	82-1	1.41	0.97	0.79	1.06	30.38	ppb
Selenium	77-2	19.06	14.73	16.92	16.91	12.82	ppb
Selenium	78-2	3.78	1.96	3.48	3.08	31.69	ppb
Silicon	28-1	527.42	537.15	550.03	538.20	2.11	ppb
Silver	107-1	0.30	0.29	0.33	0.31	5.75	ppb
Silver	109-1	0.29	0.31	0.31	0.30	4.62	ppb
Sodium	23-2	239.01	238.98	239.45	239.14	0.11	ppb
Strontium	86-1	112.84	113.49	114.71	113.68	0.84	ppb
Strontium	88-1	113.44	114.69	116.80	114.97	1.48	ppb
Sulfur	34-1	13.62	38.14	-119.85	-22.70		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.30	0.30	0.28	0.29	3.74	ppb
Thallium	205-1	0.28	0.28	0.29	0.28	1.87	ppb
Tin	118-1	3.99	4.05	4.17	4.07	2.20	ppb
Titanium	47-1	813.66	825.26	817.43	818.78	0.72	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-20	Instrumnet Name :	P7
Client Sample ID :	MYD5E8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:45:56	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.05	1.07	1.06	0.86	ppb
Vanadium	51-2	150.39	151.53	151.55	151.16	0.44	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	285.75	287.89	286.86	286.83	0.37	ppb
Zirconium	90-1	10.94	10.92	10.95	10.93	0.14	ppb
Zirconium	91-1	10.87	10.86	11.23	10.99	1.89	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-01	Instrumnet Name :	P7
Client Sample ID :	MYD382	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:49:06	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39778.89	51640.25	42242.27	44553.80	14.05	ppb
Antimony	121-1	1.41	1.41	1.50	1.44	3.72	ppb
Arsenic	75-2	71.25	91.08	76.28	79.54	12.96	ppb
Barium	135-1	660.76	661.63	663.02	661.81	0.17	ppb
Barium	137-1	702.21	695.42	702.29	699.97	0.56	ppb
Beryllium	9-1	1.80	1.81	1.80	1.80	0.40	ppb
Bismuth	209-1				98		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.13	7.19	6.77	6.70	7.98	ppb
Cadmium	106-1	8.46	7.26	6.88	7.53	10.99	ppb
Cadmium	111-1	3.78	3.71	3.61	3.70	2.25	ppb
Calcium	43-1	32523.36	32898.85	33115.41	32845.87	0.91	ppb
Calcium	44-1	30534.07	30695.00	30569.15	30599.41	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91.56	117.35	97.55	102.15	13.22	ppb
Cobalt	59-2	34.73	45.82	37.26	39.27	14.79	ppb
Copper	63-2	595.80	767.47	636.13	666.47	13.47	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				98		%
Holmium	165-2				89		%
Indium	115-1				91		%
Indium	115-2				81		%
Iron	56-2	63617.48	82360.58	67691.92	71223.33	13.84	ppb
Iron	57-2	63135.13	82495.32	67403.31	71011.25	14.32	ppb
Iron	54-2	64054.76	82409.58	67543.82	71336.05	13.66	ppb
Krypton	83-1						cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-01	Instrumnet Name :	P7
Client Sample ID :	MYD382	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:49:06	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	111.08	112.04	112.28	111.80	0.57	ppb
Lead	207-1	111.30	112.58	111.39	111.76	0.64	ppb
Lead	208-1	111.02	112.24	111.74	111.66	0.55	ppb
Lithium	6-1				89		%
Magnesium	24-2	17639.44	23157.55	18702.23	19833.07	14.76	ppb
Manganese	55-2	1381.22	1770.86	1467.51	1539.87	13.29	ppb
Molybdenum	94-1	71.54	72.73	72.85	72.38	1.00	ppb
Molybdenum	95-1	0.64	0.64	0.63	0.64	1.40	ppb
Molybdenum	96-1	8.43	8.88	8.57	8.63	2.65	ppb
Molybdenum	97-1	0.61	0.63	0.67	0.64	4.44	ppb
Molybdenum	98-1	0.64	0.63	0.64	0.64	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.50	180.79	149.50	156.93	13.47	ppb
Phosphorus	31-2	3024.93	4004.68	3220.10	3416.57	15.18	ppb
Potassium	39-2	3877.21	5096.78	4197.75	4390.58	14.40	ppb
Rhodium	103-1				88		%
Rhodium	103-2				80		%
Scandium	45-1				86		%
Scandium	45-2				78		%
Selenium	82-1	1.28	1.29	1.55	1.37	11.31	ppb
Selenium	77-2	15.66	28.51	19.29	21.15	31.31	ppb
Selenium	78-2	4.17	7.06	6.43	5.89	25.77	ppb
Silicon	28-1	1991.64	2021.10	2033.72	2015.48	1.07	ppb
Silver	107-1	1.42	1.43	1.44	1.43	0.54	ppb
Silver	109-1	1.39	1.44	1.45	1.43	2.26	ppb
Sodium	23-2	383.36	496.11	417.02	432.16	13.39	ppb
Strontium	86-1	169.00	172.58	172.23	171.27	1.15	ppb
Strontium	88-1	170.40	174.12	172.95	172.49	1.10	ppb
Sulfur	34-1	-333.25	-178.72	-357.11	-289.69		ppb
Terbium	159-1				98		%
Terbium	159-2				88		%
Thallium	203-1	0.24	0.29	0.25	0.26	9.01	ppb
Thallium	205-1	0.25	0.25	0.27	0.26	3.75	ppb
Tin	118-1	2.69	2.67	2.65	2.67	0.79	ppb
Titanium	47-1	1486.92	1515.14	1512.80	1504.95	1.04	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-01	Instrumnet Name :	P7
Client Sample ID :	MYD382	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:49:06	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.30	1.25	1.27	2.63	ppb
Vanadium	51-2	104.52	139.42	112.47	118.80	15.40	ppb
Yttrium	89-1				94		%
Yttrium	89-2				85		%
Zinc	66-2	380.07	501.00	407.44	429.50	14.76	ppb
Zirconium	90-1	40.44	40.61	40.35	40.47	0.33	ppb
Zirconium	91-1	40.39	40.56	40.53	40.49	0.22	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-02	Instrumnet Name :	P7
Client Sample ID :	MYD383	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:52:15	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65256.56	64989.25	65561.27	65269.03	0.44	ppb
Antimony	121-1	3.41	3.36	3.59	3.45	3.53	ppb
Arsenic	75-2	153.88	150.30	154.89	153.02	1.58	ppb
Barium	135-1	1078.09	1059.24	1112.77	1083.37	2.51	ppb
Barium	137-1	1068.98	1092.62	1115.39	1092.33	2.12	ppb
Beryllium	9-1	3.12	3.13	3.13	3.13	0.21	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	16.87	17.75	17.89	17.50	3.14	ppb
Cadmium	106-1	22.22	24.02	22.34	22.86	4.40	ppb
Cadmium	111-1	12.29	12.68	12.85	12.61	2.27	ppb
Calcium	43-1	44756.57	45562.03	45985.44	45434.68	1.37	ppb
Calcium	44-1	41778.64	42473.68	43347.08	42533.13	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	148.13	147.17	148.46	147.92	0.45	ppb
Cobalt	59-2	57.05	56.87	57.18	57.04	0.27	ppb
Copper	63-2	1894.09	1869.53	1858.74	1874.12	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				96		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	96990.48	97248.49	97589.78	97276.25	0.31	ppb
Iron	57-2	95828.58	95046.27	95738.95	95537.94	0.45	ppb
Iron	54-2	96841.05	96707.81	97917.26	97155.38	0.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-02	Instrumnet Name :	P7
Client Sample ID :	MYD383	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:52:15	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	349.27	349.98	360.76	353.34	1.82	ppb
Lead	207-1	321.02	322.04	330.64	324.57	1.63	ppb
Lead	208-1	346.13	346.32	355.58	349.34	1.55	ppb
Lithium	6-1				86		%
Magnesium	24-2	26499.93	25989.59	26095.88	26195.13	1.03	ppb
Manganese	55-2	2631.43	2597.07	2629.27	2619.26	0.73	ppb
Molybdenum	94-1	122.51	125.55	127.89	125.32	2.16	ppb
Molybdenum	95-1	0.95	0.94	1.03	0.97	5.08	ppb
Molybdenum	96-1	14.30	14.77	15.02	14.70	2.51	ppb
Molybdenum	97-1	0.87	0.92	0.91	0.90	2.82	ppb
Molybdenum	98-1	0.91	0.92	0.93	0.92	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	243.95	241.67	244.86	243.49	0.68	ppb
Phosphorus	31-2	5184.35	5085.81	5173.64	5147.93	1.05	ppb
Potassium	39-2	7422.53	7445.04	7371.28	7412.95	0.51	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	82-1	3.78	4.34	3.72	3.95	8.69	ppb
Selenium	77-2	33.21	28.55	27.92	29.89	9.67	ppb
Selenium	78-2	7.96	7.42	10.17	8.52	17.15	ppb
Silicon	28-1	1602.80	1631.96	1663.46	1632.74	1.86	ppb
Silver	107-1	4.66	4.67	4.85	4.73	2.24	ppb
Silver	109-1	4.63	4.57	4.79	4.66	2.47	ppb
Sodium	23-2	400.88	397.92	402.85	400.55	0.62	ppb
Strontium	86-1	244.46	248.76	253.60	248.94	1.84	ppb
Strontium	88-1	248.27	250.39	257.05	251.90	1.82	ppb
Sulfur	34-1	666.14	725.74	764.70	718.86	6.91	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.44	0.45	0.48	0.46	3.72	ppb
Thallium	205-1	0.45	0.42	0.42	0.43	3.25	ppb
Tin	118-1	6.54	6.66	6.87	6.69	2.51	ppb
Titanium	47-1	2381.33	2443.14	2459.24	2427.90	1.69	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-02	Instrumnet Name :	P7
Client Sample ID :	MYD383	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:52:15	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.72	1.70	1.74	1.72	1.14	ppb
Vanadium	51-2	146.72	147.15	146.94	146.94	0.15	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	1076.47	1067.73	1071.52	1071.91	0.41	ppb
Zirconium	90-1	69.01	70.28	71.41	70.23	1.71	ppb
Zirconium	91-1	68.52	70.16	71.08	69.92	1.85	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-03	Instrumnet Name :	P7
Client Sample ID :	MYD384	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:55:19	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60631.75	60361.07	61381.83	60791.55	0.87	ppb
Antimony	121-1	1.95	2.08	2.14	2.06	4.79	ppb
Arsenic	75-2	114.72	115.20	114.60	114.84	0.28	ppb
Barium	135-1	789.80	800.05	810.80	800.22	1.31	ppb
Barium	137-1	827.69	829.11	852.38	836.40	1.66	ppb
Beryllium	9-1	2.53	2.57	2.75	2.62	4.57	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.44	9.87	10.18	9.83	3.80	ppb
Cadmium	106-1	14.62	15.03	13.60	14.42	5.13	ppb
Cadmium	111-1	6.04	5.85	5.88	5.92	1.68	ppb
Calcium	43-1	80000.21	81278.84	80804.52	80694.52	0.80	ppb
Calcium	44-1	75106.75	75900.21	74939.09	75315.35	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.05	130.75	131.93	131.58	0.55	ppb
Cobalt	59-2	53.69	53.15	53.53	53.45	0.52	ppb
Copper	63-2	1000.52	984.39	988.79	991.23	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				93		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	93782.46	93271.41	95123.82	94059.23	1.02	ppb
Iron	57-2	93316.10	92931.16	93651.44	93299.57	0.39	ppb
Iron	54-2	92868.79	93709.18	94025.55	93534.51	0.64	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-03	Instrumnet Name :	P7
Client Sample ID :	MYD384	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:55:19	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	184.33	184.43	187.37	185.38	0.93	ppb
Lead	207-1	183.33	184.04	186.40	184.59	0.87	ppb
Lead	208-1	194.50	194.33	197.07	195.30	0.79	ppb
Lithium	6-1				85		%
Magnesium	24-2	25539.07	24959.81	25452.04	25316.97	1.23	ppb
Manganese	55-2	1984.40	1928.99	2012.24	1975.21	2.15	ppb
Molybdenum	94-1	103.97	104.17	104.62	104.26	0.32	ppb
Molybdenum	95-1	1.04	1.09	1.09	1.07	2.89	ppb
Molybdenum	96-1	12.36	12.55	12.89	12.60	2.12	ppb
Molybdenum	97-1	1.07	1.07	1.08	1.07	0.57	ppb
Molybdenum	98-1	1.06	1.02	1.09	1.06	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	190.52	190.26	190.96	190.58	0.18	ppb
Phosphorus	31-2	4282.18	4262.19	4389.24	4311.20	1.58	ppb
Potassium	39-2	5174.80	5180.73	5172.10	5175.88	0.09	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				84		%
Scandium	45-2				84		%
Selenium	82-1	2.38	3.17	2.60	2.72	15.01	ppb
Selenium	77-2	26.32	23.64	21.85	23.94	9.40	ppb
Selenium	78-2	4.02	6.57	11.53	7.37	51.80	ppb
Silicon	28-1	1568.49	1602.69	1589.29	1586.82	1.09	ppb
Silver	107-1	2.69	2.71	2.76	2.72	1.38	ppb
Silver	109-1	2.63	2.63	2.69	2.65	1.31	ppb
Sodium	23-2	430.12	429.16	434.66	431.31	0.68	ppb
Strontium	86-1	235.18	237.18	238.39	236.92	0.68	ppb
Strontium	88-1	233.46	236.32	237.70	235.83	0.92	ppb
Sulfur	34-1	172.19	167.96	77.32	139.15	38.52	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.38	0.39	0.40	0.39	2.32	ppb
Thallium	205-1	0.38	0.38	0.39	0.38	1.67	ppb
Tin	118-1	5.28	5.25	5.30	5.28	0.45	ppb
Titanium	47-1	1793.20	1825.64	1794.39	1804.41	1.02	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-03	Instrumnet Name :	P7
Client Sample ID :	MYD384	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:55:19	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.67	1.68	1.69	1.68	0.63	ppb
Vanadium	51-2	165.72	165.68	166.27	165.89	0.20	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	603.04	592.59	596.97	597.53	0.88	ppb
Zirconium	90-1	57.91	57.99	58.63	58.18	0.68	ppb
Zirconium	91-1	57.56	57.80	58.32	57.89	0.67	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-04	Instrumnet Name :	P7
Client Sample ID :	MYD385	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:58:27	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82901.20	82550.92	83769.30	83073.81	0.76	ppb
Antimony	121-1	3.00	2.98	3.17	3.05	3.44	ppb
Arsenic	75-2	253.38	253.98	257.43	254.93	0.86	ppb
Barium	135-1	1235.97	1204.74	1279.64	1240.12	3.03	ppb
Barium	137-1	1221.66	1211.58	1286.26	1239.84	3.27	ppb
Beryllium	9-1	4.01	3.68	4.19	3.96	6.43	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	20.53	18.22	22.31	20.35	10.07	ppb
Cadmium	106-1	27.26	24.20	24.76	25.41	6.41	ppb
Cadmium	111-1	15.33	14.77	15.68	15.26	3.01	ppb
Calcium	43-1	100541.64	95938.34	102809.35	99763.11	3.51	ppb
Calcium	44-1	99587.75	96963.40	102641.68	99730.94	2.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	185.41	185.71	188.15	186.42	0.80	ppb
Cobalt	59-2	70.21	70.33	71.25	70.60	0.80	ppb
Copper	63-2	2419.15	2447.36	2445.71	2437.41	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				94		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	111809.37	111470.83	113582.56	112287.59	1.01	ppb
Iron	57-2	110635.91	110645.14	111915.78	111065.61	0.66	ppb
Iron	54-2	111868.07	111402.78	113119.78	112130.21	0.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-04	Instrumnet Name :	P7
Client Sample ID :	MYD385	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:58:27	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	481.97	467.87	497.63	482.49	3.09	ppb
Lead	207-1	486.63	469.64	504.45	486.91	3.57	ppb
Lead	208-1	482.11	469.26	495.17	482.18	2.69	ppb
Lithium	6-1				85		%
Magnesium	24-2	35530.99	35819.57	36268.26	35872.94	1.04	ppb
Manganese	55-2	2607.71	2613.12	2645.12	2621.98	0.77	ppb
Molybdenum	94-1	129.55	125.70	133.80	129.68	3.12	ppb
Molybdenum	95-1	0.99	0.96	1.01	0.99	2.77	ppb
Molybdenum	96-1	15.34	14.85	15.97	15.39	3.64	ppb
Molybdenum	97-1	1.00	0.92	0.98	0.97	4.31	ppb
Molybdenum	98-1	0.94	0.91	0.93	0.93	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	310.30	314.28	315.32	313.30	0.84	ppb
Phosphorus	31-2	6943.78	7015.56	7084.48	7014.61	1.00	ppb
Potassium	39-2	8121.85	8124.92	8134.83	8127.20	0.08	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	5.16	4.45	4.79	4.80	7.40	ppb
Selenium	77-2	42.51	47.04	44.91	44.82	5.06	ppb
Selenium	78-2	10.73	9.69	11.35	10.59	7.91	ppb
Silicon	28-1	1927.43	1855.26	1968.54	1917.08	2.99	ppb
Silver	107-1	6.82	6.74	7.04	6.87	2.25	ppb
Silver	109-1	6.76	6.53	7.09	6.79	4.14	ppb
Sodium	23-2	447.28	450.18	453.79	450.42	0.72	ppb
Strontium	86-1	335.77	324.80	345.30	335.29	3.06	ppb
Strontium	88-1	341.02	329.12	349.45	339.86	3.01	ppb
Sulfur	34-1	767.95	489.66	889.74	715.78	28.65	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.53	0.51	0.53	0.52	2.88	ppb
Thallium	205-1	0.50	0.49	0.53	0.51	3.99	ppb
Tin	118-1	8.25	8.13	8.62	8.34	3.09	ppb
Titanium	47-1	2796.20	2795.03	2893.69	2828.31	2.00	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-04	Instrumnet Name :	P7
Client Sample ID :	MYD385	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:58:27	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.17	2.10	2.23	2.17	3.08	ppb
Vanadium	51-2	170.39	170.40	171.84	170.88	0.49	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	1372.96	1374.14	1388.30	1378.47	0.62	ppb
Zirconium	90-1	73.32	70.94	74.88	73.05	2.72	ppb
Zirconium	91-1	72.44	70.58	74.70	72.57	2.84	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-05	Instrumnet Name :	P7
Client Sample ID :	MYD386	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:01:27	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63424.16	63342.12	63664.45	63476.91	0.26	ppb
Antimony	121-1	5.49	5.52	5.75	5.59	2.58	ppb
Arsenic	75-2	219.88	221.91	222.80	221.53	0.68	ppb
Barium	135-1	1386.88	1426.85	1462.06	1425.26	2.64	ppb
Barium	137-1	1403.31	1425.19	1453.32	1427.27	1.76	ppb
Beryllium	9-1	3.29	3.54	3.33	3.39	3.94	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	21.84	21.22	21.08	21.38	1.89	ppb
Cadmium	106-1	26.86	27.35	25.66	26.62	3.28	ppb
Cadmium	111-1	16.07	16.78	16.50	16.45	2.17	ppb
Calcium	43-1	47304.95	48011.80	48718.05	48011.60	1.47	ppb
Calcium	44-1	44553.70	45009.27	45226.76	44929.91	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	146.08	144.15	145.70	145.31	0.70	ppb
Cobalt	59-2	62.70	62.85	63.41	62.99	0.59	ppb
Copper	63-2	3047.43	3049.09	3050.77	3049.10	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				96		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	97763.38	98298.67	98736.62	98266.22	0.50	ppb
Iron	57-2	97349.79	96499.19	96815.42	96888.14	0.44	ppb
Iron	54-2	96806.63	96827.40	97582.31	97072.11	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-05	Instrumnet Name :	P7
Client Sample ID :	MYD386	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:01:27	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	590.40	590.92	577.75	586.35	1.27	ppb
Lead	207-1	597.98	597.81	590.01	595.27	0.76	ppb
Lead	208-1	581.77	584.78	580.93	582.49	0.35	ppb
Lithium	6-1				86		%
Magnesium	24-2	24817.45	24657.31	24683.65	24719.47	0.35	ppb
Manganese	55-2	2397.11	2423.25	2439.70	2420.02	0.89	ppb
Molybdenum	94-1	142.19	143.27	145.77	143.74	1.28	ppb
Molybdenum	95-1	1.33	1.37	1.42	1.37	3.36	ppb
Molybdenum	96-1	16.81	17.03	17.13	16.99	0.98	ppb
Molybdenum	97-1	1.36	1.43	1.43	1.41	2.76	ppb
Molybdenum	98-1	1.41	1.44	1.42	1.42	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	237.75	237.62	237.54	237.64	0.04	ppb
Phosphorus	31-2	5328.26	5340.00	5504.15	5390.80	1.82	ppb
Potassium	39-2	6091.03	6174.33	6135.24	6133.53	0.68	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	5.08	5.60	5.71	5.47	6.16	ppb
Selenium	77-2	34.56	30.67	37.61	34.28	10.15	ppb
Selenium	78-2	9.45	11.15	11.03	10.54	9.02	ppb
Silicon	28-1	1728.95	1758.60	1776.14	1754.56	1.36	ppb
Silver	107-1	7.64	7.79	7.87	7.77	1.51	ppb
Silver	109-1	7.45	7.64	7.70	7.60	1.72	ppb
Sodium	23-2	379.39	382.13	380.30	380.61	0.37	ppb
Strontium	86-1	285.11	289.14	294.03	289.43	1.54	ppb
Strontium	88-1	289.49	290.99	294.57	291.69	0.89	ppb
Sulfur	34-1	152.41	48.03	68.40	89.61	61.74	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.41	0.45	0.41	0.43	5.65	ppb
Thallium	205-1	0.43	0.41	0.43	0.42	3.48	ppb
Tin	118-1	10.94	11.14	11.33	11.13	1.77	ppb
Titanium	47-1	1883.47	1898.62	1908.70	1896.93	0.67	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-05	Instrumnet Name :	P7
Client Sample ID :	MYD386	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:01:27	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.03	2.07	2.02	2.04	1.16	ppb
Vanadium	51-2	145.31	145.67	146.52	145.83	0.43	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	1333.88	1323.35	1333.39	1330.21	0.45	ppb
Zirconium	90-1	79.40	80.74	81.76	80.63	1.47	ppb
Zirconium	91-1	78.84	80.07	81.32	80.08	1.55	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-06	Instrumnet Name :	P7
Client Sample ID :	MYD387	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:04:32	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63632.33	63482.17	62876.63	63330.37	0.63	ppb
Antimony	121-1	2.53	2.50	2.43	2.49	2.10	ppb
Arsenic	75-2	156.80	156.18	155.21	156.06	0.51	ppb
Barium	135-1	1034.17	1029.28	1021.07	1028.18	0.64	ppb
Barium	137-1	1012.20	1024.04	1029.83	1022.02	0.88	ppb
Beryllium	9-1	3.13	3.21	3.05	3.13	2.51	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	15.30	12.94	14.58	14.27	8.48	ppb
Cadmium	106-1	19.10	18.30	18.15	18.52	2.74	ppb
Cadmium	111-1	9.56	9.67	9.69	9.64	0.70	ppb
Calcium	43-1	151292.79	156150.51	157983.87	155142.39	2.23	ppb
Calcium	44-1	153938.37	157577.53	157443.12	156319.67	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	142.02	142.06	140.50	141.52	0.63	ppb
Cobalt	59-2	59.07	59.06	58.97	59.03	0.10	ppb
Copper	63-2	1543.99	1513.03	1512.01	1523.01	1.19	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				92		%
Holmium	165-2				93		%
Indium	115-1				84		%
Indium	115-2				84		%
Iron	56-2	94052.80	93372.86	92718.68	93381.45	0.71	ppb
Iron	57-2	93066.18	94260.81	92895.15	93407.38	0.80	ppb
Iron	54-2	92964.64	92448.84	92388.46	92600.65	0.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-06	Instrumnet Name :	P7
Client Sample ID :	MYD387	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:04:32	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	293.15	295.06	296.00	294.74	0.49	ppb
Lead	207-1	291.65	294.85	293.08	293.19	0.55	ppb
Lead	208-1	308.05	309.19	309.52	308.92	0.25	ppb
Lithium	6-1				81		%
Magnesium	24-2	28740.80	29078.13	28590.33	28803.09	0.87	ppb
Manganese	55-2	2274.02	2297.28	2292.24	2287.85	0.53	ppb
Molybdenum	94-1	121.90	123.53	124.07	123.17	0.91	ppb
Molybdenum	95-1	0.89	0.87	0.87	0.88	1.25	ppb
Molybdenum	96-1	14.49	14.51	14.43	14.48	0.28	ppb
Molybdenum	97-1	0.83	0.90	0.87	0.87	4.08	ppb
Molybdenum	98-1	0.80	0.82	0.85	0.82	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	242.14	241.17	241.71	241.67	0.20	ppb
Phosphorus	31-2	5336.81	5370.41	5463.49	5390.24	1.22	ppb
Potassium	39-2	6884.07	6873.99	6746.58	6834.88	1.12	ppb
Rhodium	103-1				80		%
Rhodium	103-2				82		%
Scandium	45-1				79		%
Scandium	45-2				81		%
Selenium	82-1	4.39	4.64	4.08	4.37	6.44	ppb
Selenium	77-2	34.01	32.50	26.42	30.98	12.97	ppb
Selenium	78-2	7.10	12.29	10.68	10.03	26.52	ppb
Silicon	28-1	2165.13	2213.69	2209.38	2196.07	1.22	ppb
Silver	107-1	4.18	4.23	4.24	4.21	0.71	ppb
Silver	109-1	4.11	4.10	4.15	4.12	0.71	ppb
Sodium	23-2	360.05	357.60	360.45	359.37	0.43	ppb
Strontium	86-1	324.63	328.86	330.74	328.08	0.95	ppb
Strontium	88-1	325.22	331.50	331.81	329.51	1.13	ppb
Sulfur	34-1	687.85	783.58	743.14	738.19	6.51	ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	0.43	0.41	0.42	0.42	3.01	ppb
Thallium	205-1	0.39	0.41	0.39	0.40	1.82	ppb
Tin	118-1	6.72	6.91	6.85	6.83	1.40	ppb
Titanium	47-1	2219.03	2294.65	2288.35	2267.34	1.85	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-06	Instrumnet Name :	P7
Client Sample ID :	MYD387	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:04:32	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.91	1.96	1.92	1.93	1.54	ppb
Vanadium	51-2	143.62	142.68	142.48	142.92	0.43	ppb
Yttrium	89-1				89		%
Yttrium	89-2				89		%
Zinc	66-2	902.84	902.12	896.54	900.50	0.38	ppb
Zirconium	90-1	68.21	69.74	70.01	69.32	1.39	ppb
Zirconium	91-1	68.30	69.22	69.75	69.09	1.07	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-07	Instrumnet Name :	P7
Client Sample ID :	MYD388	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:07:36	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77796.33	77629.58	78190.92	77872.28	0.37	ppb
Antimony	121-1	2.94	2.97	3.06	2.99	2.11	ppb
Arsenic	75-2	200.95	197.36	199.56	199.29	0.91	ppb
Barium	135-1	1415.99	1429.21	1441.11	1428.77	0.88	ppb
Barium	137-1	1426.37	1445.52	1438.47	1436.78	0.67	ppb
Beryllium	9-1	3.62	3.99	3.67	3.76	5.35	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	17.80	18.34	17.51	17.88	2.34	ppb
Cadmium	106-1	23.42	23.95	23.57	23.64	1.15	ppb
Cadmium	111-1	12.57	12.53	13.00	12.70	2.05	ppb
Calcium	43-1	196103.65	192176.21	192226.76	193502.21	1.16	ppb
Calcium	44-1	196140.28	195171.79	195559.68	195623.92	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	166.46	166.77	168.09	167.11	0.52	ppb
Cobalt	59-2	71.34	71.38	72.45	71.73	0.87	ppb
Copper	63-2	2038.17	2066.74	2076.95	2060.62	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				93		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	56-2	108091.91	109425.48	109818.35	109111.91	0.83	ppb
Iron	57-2	108216.40	109028.41	109745.18	108996.66	0.70	ppb
Iron	54-2	106942.80	109059.22	108889.91	108297.31	1.09	ppb
Krypton	83-1						cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-07	Instrumnet Name :	P7
Client Sample ID :	MYD388	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:07:36	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	380.52	385.66	392.87	386.35	1.61	ppb
Lead	207-1	350.14	351.26	401.23	367.54	7.94	ppb
Lead	208-1	374.96	381.05	395.32	383.78	2.72	ppb
Lithium	6-1				82		%
Magnesium	24-2	35137.62	35160.78	35507.87	35268.76	0.59	ppb
Manganese	55-2	2721.57	2772.02	2784.49	2759.36	1.21	ppb
Molybdenum	94-1	137.78	140.74	140.46	139.66	1.17	ppb
Molybdenum	95-1	1.09	1.17	1.16	1.14	4.06	ppb
Molybdenum	96-1	16.63	16.62	16.53	16.59	0.32	ppb
Molybdenum	97-1	1.20	1.09	1.17	1.15	5.18	ppb
Molybdenum	98-1	1.08	1.07	1.15	1.10	3.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	293.67	294.17	294.62	294.15	0.16	ppb
Phosphorus	31-2	6386.19	6455.85	6567.30	6469.78	1.41	ppb
Potassium	39-2	7105.77	7139.75	7073.61	7106.38	0.47	ppb
Rhodium	103-1				80		%
Rhodium	103-2				82		%
Scandium	45-1				80		%
Scandium	45-2				82		%
Selenium	82-1	5.31	6.11	4.70	5.37	13.19	ppb
Selenium	77-2	31.91	33.28	37.52	34.24	8.53	ppb
Selenium	78-2	10.26	9.20	8.73	9.40	8.33	ppb
Silicon	28-1	1986.82	1982.58	1983.50	1984.30	0.11	ppb
Silver	107-1	4.96	5.01	4.95	4.97	0.70	ppb
Silver	109-1	4.79	4.91	4.99	4.90	2.12	ppb
Sodium	23-2	534.54	546.73	548.90	543.39	1.42	ppb
Strontium	86-1	414.49	420.04	422.90	419.15	1.02	ppb
Strontium	88-1	419.99	421.74	426.74	422.82	0.83	ppb
Sulfur	34-1	1051.23	1030.16	1017.60	1032.99	1.65	ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.52	0.54	0.53	0.53	1.17	ppb
Thallium	205-1	0.52	0.53	0.51	0.52	1.58	ppb
Tin	118-1	8.28	8.44	8.53	8.42	1.46	ppb
Titanium	47-1	2740.23	2758.14	2747.40	2748.59	0.33	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-07	Instrumnet Name :	P7
Client Sample ID :	MYD388	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:07:36	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.44	2.41	2.49	2.45	1.72	ppb
Vanadium	51-2	162.48	164.46	165.03	163.99	0.82	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	1162.01	1167.42	1177.76	1169.06	0.68	ppb
Zirconium	90-1	77.82	78.71	79.55	78.69	1.10	ppb
Zirconium	91-1	76.98	78.76	78.70	78.15	1.30	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08	Instrumnet Name :	P7
Client Sample ID :	MYD389	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:10:40	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52884.15	52836.64	52864.22	52861.67	0.05	ppb
Antimony	121-1	4.12	4.05	4.06	4.08	0.84	ppb
Arsenic	75-2	182.03	178.39	177.24	179.22	1.39	ppb
Barium	135-1	1025.12	1042.05	1068.80	1045.32	2.11	ppb
Barium	137-1	1045.34	1053.40	1056.53	1051.75	0.55	ppb
Beryllium	9-1	2.39	2.52	2.53	2.48	3.20	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	13.54	14.92	13.58	14.01	5.62	ppb
Cadmium	106-1	17.83	16.93	18.25	17.67	3.82	ppb
Cadmium	111-1	10.62	10.54	10.79	10.65	1.23	ppb
Calcium	43-1	96315.62	97336.56	98589.20	97413.79	1.17	ppb
Calcium	44-1	96778.75	96612.66	97233.31	96874.90	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.99	120.11	118.81	119.64	0.60	ppb
Cobalt	59-2	59.00	58.36	58.67	58.68	0.54	ppb
Copper	63-2	1757.49	1747.28	1746.50	1750.42	0.35	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				93		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	95328.48	94711.01	94847.79	94962.42	0.34	ppb
Iron	57-2	94500.11	94396.14	93727.44	94207.89	0.45	ppb
Iron	54-2	94561.54	94889.04	94200.98	94550.52	0.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08	Instrumnet Name :	P7
Client Sample ID :	MYD389	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:10:40	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	294.15	297.07	299.29	296.84	0.87	ppb
Lead	207-1	293.63	295.47	298.61	295.90	0.85	ppb
Lead	208-1	309.45	312.14	314.59	312.06	0.82	ppb
Lithium	6-1				82		%
Magnesium	24-2	26516.01	26274.10	26564.15	26451.42	0.59	ppb
Manganese	55-2	3280.53	3258.31	3281.71	3273.52	0.40	ppb
Molybdenum	94-1	91.23	92.50	92.46	92.06	0.78	ppb
Molybdenum	95-1	1.06	1.09	1.08	1.08	1.35	ppb
Molybdenum	96-1	11.29	11.57	11.27	11.38	1.51	ppb
Molybdenum	97-1	1.08	0.99	0.98	1.02	5.49	ppb
Molybdenum	98-1	1.02	1.07	1.04	1.04	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	214.43	212.29	213.49	213.40	0.50	ppb
Phosphorus	31-2	4536.74	4540.57	4554.34	4543.88	0.20	ppb
Potassium	39-2	5674.28	5724.60	5747.43	5715.44	0.65	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	82-1	3.59	3.59	4.80	3.99	17.46	ppb
Selenium	77-2	26.43	26.06	26.28	26.25	0.71	ppb
Selenium	78-2	7.07	6.96	8.24	7.43	9.56	ppb
Silicon	28-1	1813.44	1817.07	1837.83	1822.78	0.72	ppb
Silver	107-1	4.03	4.13	4.08	4.08	1.24	ppb
Silver	109-1	3.98	4.05	4.08	4.04	1.24	ppb
Sodium	23-2	401.46	395.17	402.71	399.78	1.01	ppb
Strontium	86-1	298.50	300.64	302.52	300.55	0.67	ppb
Strontium	88-1	299.33	304.02	301.79	301.71	0.78	ppb
Sulfur	34-1	848.95	786.44	857.46	830.95	4.67	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.50	0.50	0.53	0.51	2.78	ppb
Thallium	205-1	0.50	0.49	0.51	0.50	1.96	ppb
Tin	118-1	6.88	7.04	7.01	6.98	1.23	ppb
Titanium	47-1	1948.32	1934.01	1963.10	1948.47	0.75	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08	Instrumnet Name :	P7
Client Sample ID :	MYD389	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:10:40	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.63	1.66	1.64	1.64	0.89	ppb
Vanadium	51-2	162.35	159.80	161.15	161.10	0.79	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	968.95	968.63	963.22	966.94	0.33	ppb
Zirconium	90-1	51.42	51.99	52.10	51.84	0.70	ppb
Zirconium	91-1	50.79	51.35	51.54	51.23	0.76	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-09	Instrumnet Name :	P7
Client Sample ID :	MYD389D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:13:44	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53281.17	52552.06	52418.81	52750.68	0.88	ppb
Antimony	121-1	3.97	4.07	4.02	4.02	1.24	ppb
Arsenic	75-2	177.79	185.46	178.53	180.59	2.34	ppb
Barium	135-1	1035.06	1031.52	1057.28	1041.29	1.34	ppb
Barium	137-1	1041.14	1055.27	1060.69	1052.37	0.96	ppb
Beryllium	9-1	2.54	2.33	2.34	2.40	4.78	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	14.80	15.12	14.31	14.75	2.79	ppb
Cadmium	106-1	17.81	18.38	18.21	18.13	1.63	ppb
Cadmium	111-1	10.55	10.72	10.90	10.72	1.65	ppb
Calcium	43-1	96882.02	98335.81	98391.55	97869.80	0.87	ppb
Calcium	44-1	96339.12	97048.76	97262.68	96883.52	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.75	118.82	119.87	119.81	0.80	ppb
Cobalt	59-2	58.13	57.23	57.42	57.59	0.82	ppb
Copper	63-2	1776.94	1742.69	1724.36	1748.00	1.53	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				93		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	94650.45	93813.79	94222.12	94228.79	0.44	ppb
Iron	57-2	94146.36	92019.85	93865.79	93344.00	1.24	ppb
Iron	54-2	94399.73	93816.26	93765.56	93993.85	0.37	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-09	Instrumnet Name :	P7
Client Sample ID :	MYD389D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:13:44	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	294.24	298.78	293.06	295.36	1.02	ppb
Lead	207-1	292.84	299.25	292.92	295.00	1.25	ppb
Lead	208-1	309.73	312.91	308.64	310.43	0.72	ppb
Lithium	6-1				83		%
Magnesium	24-2	26390.43	26264.50	25839.78	26164.90	1.10	ppb
Manganese	55-2	3119.30	3079.08	3094.33	3097.57	0.66	ppb
Molybdenum	94-1	93.85	93.74	95.65	94.41	1.13	ppb
Molybdenum	95-1	1.14	1.12	1.08	1.11	2.97	ppb
Molybdenum	96-1	11.45	11.43	11.75	11.54	1.54	ppb
Molybdenum	97-1	1.01	1.09	1.10	1.07	4.77	ppb
Molybdenum	98-1	1.01	1.06	1.05	1.04	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	214.00	210.83	208.74	211.19	1.25	ppb
Phosphorus	31-2	4525.57	4537.78	4463.86	4509.07	0.88	ppb
Potassium	39-2	5828.32	5719.48	5742.15	5763.31	1.00	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	82-1	3.77	3.60	4.20	3.85	7.98	ppb
Selenium	77-2	23.35	28.14	34.00	28.50	18.72	ppb
Selenium	78-2	6.25	9.42	9.58	8.42	22.28	ppb
Silicon	28-1	1718.62	1763.58	1740.17	1740.79	1.29	ppb
Silver	107-1	4.01	4.09	4.20	4.10	2.31	ppb
Silver	109-1	4.05	4.16	4.09	4.10	1.37	ppb
Sodium	23-2	383.74	386.75	385.81	385.44	0.40	ppb
Strontium	86-1	300.43	297.50	301.76	299.89	0.73	ppb
Strontium	88-1	304.26	301.61	308.69	304.85	1.17	ppb
Sulfur	34-1	858.69	1011.42	1048.63	972.91	10.35	ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.49	0.49	0.49	0.49	0.49	ppb
Thallium	205-1	0.48	0.50	0.48	0.49	2.07	ppb
Tin	118-1	6.76	6.98	6.87	6.87	1.61	ppb
Titanium	47-1	1905.16	1930.25	1937.28	1924.23	0.88	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-09	Instrumnet Name :	P7
Client Sample ID :	MYD389D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:13:44	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.61	1.61	1.62	1.61	0.34	ppb
Vanadium	51-2	158.64	158.16	158.22	158.34	0.17	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%
Zinc	66-2	975.09	958.50	963.99	965.86	0.87	ppb
Zirconium	90-1	52.83	52.88	53.36	53.02	0.55	ppb
Zirconium	91-1	52.13	52.41	53.19	52.58	1.04	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08LX5	Instrumnet Name :	P7
Client Sample ID :	MYD389L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 22:16:50	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10732.23	10751.36	10760.92	10748.17	0.14	ppb
Antimony	121-1	0.83	0.77	0.81	0.80	3.81	ppb
Arsenic	75-2	36.33	35.82	36.51	36.22	0.99	ppb
Barium	135-1	191.26	192.20	193.93	192.46	0.70	ppb
Barium	137-1	193.72	192.33	196.31	194.12	1.04	ppb
Beryllium	9-1	0.46	0.49	0.38	0.44	12.74	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.33	2.79	2.64	2.59	8.98	ppb
Cadmium	106-1	3.51	3.37	1.67	2.85	35.85	ppb
Cadmium	111-1	2.18	2.11	2.12	2.14	1.85	ppb
Calcium	43-1	20488.88	20495.04	20684.04	20555.98	0.54	ppb
Calcium	44-1	19249.84	18993.02	19152.01	19131.62	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.82	23.65	23.25	23.57	1.26	ppb
Cobalt	59-2	11.87	11.71	11.97	11.85	1.11	ppb
Copper	63-2	353.80	351.90	353.20	352.97	0.28	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				91		%
Holmium	165-2				91		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	56-2	18872.26	18801.84	18821.26	18831.79	0.19	ppb
Iron	57-2	19842.02	19671.25	19823.01	19778.76	0.47	ppb
Iron	54-2	18949.43	18579.08	18668.13	18732.22	1.03	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08LX5	Instrumnet Name :	P7
Client Sample ID :	MYD389L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 22:16:50	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	56.08	57.10	57.16	56.78	1.07	ppb
Lead	207-1	56.04	57.17	57.56	56.92	1.38	ppb
Lead	208-1	56.14	57.14	57.19	56.82	1.04	ppb
Lithium	6-1				81		%
Magnesium	24-2	5423.63	5380.62	5408.47	5404.24	0.40	ppb
Manganese	55-2	661.65	654.43	661.03	659.04	0.61	ppb
Molybdenum	94-1	18.53	18.33	18.26	18.37	0.76	ppb
Molybdenum	95-1	0.25	0.22	0.22	0.23	7.58	ppb
Molybdenum	96-1	2.33	2.27	2.33	2.31	1.59	ppb
Molybdenum	97-1	0.19	0.23	0.20	0.21	9.95	ppb
Molybdenum	98-1	0.20	0.20	0.19	0.20	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.99	42.98	43.64	43.20	0.87	ppb
Phosphorus	31-2	884.77	883.84	897.13	888.58	0.83	ppb
Potassium	39-2	1193.97	1193.05	1201.31	1196.11	0.38	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				78		%
Scandium	45-2				78		%
Selenium	82-1	0.79	1.35	0.56	0.90	45.49	ppb
Selenium	77-2	9.73	3.57	4.49	5.93	56.01	ppb
Selenium	78-2	1.25	4.37	-0.53	1.70	146.09	ppb
Silicon	28-1	365.99	360.30	370.83	365.71	1.44	ppb
Silver	107-1	0.81	0.78	0.87	0.82	5.14	ppb
Silver	109-1	0.77	0.83	0.81	0.80	3.94	ppb
Sodium	23-2	87.18	87.15	87.17	87.17	0.01	ppb
Strontium	86-1	60.32	60.46	60.46	60.41	0.13	ppb
Strontium	88-1	60.79	60.89	61.03	60.90	0.19	ppb
Sulfur	34-1	102.53	20.03	94.41	72.32	62.87	ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	0.09	0.09	0.09	0.09	4.90	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	5.21	ppb
Tin	118-1	1.30	1.37	1.31	1.33	3.00	ppb
Titanium	47-1	387.36	390.35	394.10	390.60	0.86	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08LX5	Instrumnet Name :	P7
Client Sample ID :	MYD389L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 22:16:50	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.30	0.30	0.31	0.31	2.32	ppb
Vanadium	51-2	32.17	31.61	32.12	31.97	0.98	ppb
Yttrium	89-1				85		%
Yttrium	89-2				85		%
Zinc	66-2	198.83	193.31	195.17	195.77	1.44	ppb
Zirconium	90-1	10.41	10.37	10.35	10.38	0.30	ppb
Zirconium	91-1	10.32	10.55	10.14	10.34	1.98	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-10	Instrumnet Name :	P7
Client Sample ID :	MYD389S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:20:04	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52732.18	52511.97	53252.48	52832.21	0.72	ppb
Antimony	121-1	63.42	62.66	63.40	63.16	0.68	ppb
Arsenic	75-2	197.23	197.08	199.88	198.06	0.79	ppb
Barium	135-1	2207.66	2160.61	2209.38	2192.55	1.26	ppb
Barium	137-1	2199.24	2172.74	2197.39	2189.79	0.68	ppb
Beryllium	9-1	31.93	31.69	32.04	31.89	0.56	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	44.41	40.34	39.18	41.31	6.65	ppb
Cadmium	106-1	44.71	42.70	44.46	43.96	2.50	ppb
Cadmium	111-1	40.25	40.15	41.18	40.53	1.41	ppb
Calcium	43-1	97084.51	95404.21	96523.54	96337.42	0.89	ppb
Calcium	44-1	95450.05	95157.60	96175.17	95594.27	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	234.79	235.07	236.37	235.41	0.36	ppb
Cobalt	59-2	350.70	348.85	353.97	351.17	0.74	ppb
Copper	63-2	1865.20	1821.16	1882.12	1856.16	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				92		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				83		%
Iron	56-2	94071.85	93670.27	93728.69	93823.61	0.23	ppb
Iron	57-2	93176.89	92583.69	93240.29	93000.29	0.39	ppb
Iron	54-2	92595.19	92576.63	93307.09	92826.30	0.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-10	Instrumnet Name :	P7
Client Sample ID :	MYD389S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:20:04	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	300.15	300.13	303.47	301.25	0.64	ppb
Lead	207-1	299.31	301.03	302.96	301.10	0.61	ppb
Lead	208-1	314.21	315.71	318.56	316.16	0.70	ppb
Lithium	6-1				83		%
Magnesium	24-2	25914.51	25784.61	26104.93	25934.68	0.62	ppb
Manganese	55-2	3447.49	3448.11	3449.39	3448.33	0.03	ppb
Molybdenum	94-1	90.90	92.16	92.89	91.98	1.10	ppb
Molybdenum	95-1	1.06	1.12	1.07	1.08	2.68	ppb
Molybdenum	96-1	11.21	11.32	11.11	11.21	0.93	ppb
Molybdenum	97-1	1.05	1.03	1.05	1.04	1.10	ppb
Molybdenum	98-1	1.06	1.02	1.06	1.04	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.05	501.47	510.04	503.19	1.23	ppb
Phosphorus	31-2	4338.85	4434.99	4465.29	4413.04	1.50	ppb
Potassium	39-2	5597.44	5684.67	5617.61	5633.24	0.81	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				80		%
Scandium	45-2				81		%
Selenium	82-1	62.33	61.03	63.07	62.14	1.66	ppb
Selenium	77-2	83.23	77.29	83.31	81.28	4.25	ppb
Selenium	78-2	63.21	59.68	61.70	61.53	2.88	ppb
Silicon	28-1	1772.98	1770.52	1778.38	1773.96	0.23	ppb
Silver	107-1	33.74	33.32	33.75	33.60	0.73	ppb
Silver	109-1	33.27	32.95	33.40	33.21	0.70	ppb
Sodium	23-2	368.95	370.84	373.89	371.23	0.67	ppb
Strontium	86-1	294.08	294.95	297.01	295.35	0.51	ppb
Strontium	88-1	294.94	298.92	297.49	297.11	0.68	ppb
Sulfur	34-1	773.06	610.94	699.27	694.42	11.69	ppb
Terbium	159-1				91		%
Terbium	159-2				91		%
Thallium	203-1	26.88	27.21	27.46	27.18	1.07	ppb
Thallium	205-1	26.60	26.74	27.03	26.79	0.83	ppb
Tin	118-1	6.88	6.93	6.96	6.92	0.59	ppb
Titanium	47-1	1923.89	1896.07	1936.62	1918.86	1.08	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-10	Instrumnet Name :	P7
Client Sample ID :	MYD389S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:20:04	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.61	1.61	1.60	1.61	0.26	ppb
Vanadium	51-2	448.97	447.16	450.97	449.04	0.42	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%
Zinc	66-2	1233.46	1225.33	1236.65	1231.81	0.47	ppb
Zirconium	90-1	50.69	51.04	51.32	51.02	0.61	ppb
Zirconium	91-1	50.95	50.49	51.12	50.85	0.64	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08MS	Instrumnet Name :	P7
Client Sample ID :	MYD389SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:23:09	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55935.16	55453.86	55869.73	55752.92	0.47	ppb
Antimony	121-1	294.31	291.38	288.95	291.55	0.92	ppb
Arsenic	75-2	272.13	275.53	270.83	272.83	0.89	ppb
Barium	135-1	6426.39	6659.91	6485.50	6523.93	1.86	ppb
Barium	137-1	6426.90	6561.30	6545.53	6511.24	1.13	ppb
Beryllium	9-1	143.19	145.95	143.79	144.31	1.00	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	134.01	141.45	137.21	137.56	2.71	ppb
Cadmium	106-1	135.49	137.34	135.28	136.03	0.83	ppb
Cadmium	111-1	148.84	151.16	150.76	150.26	0.82	ppb
Calcium	43-1	93711.16	91728.27	93525.60	92988.34	1.18	ppb
Calcium	44-1	92553.85	92160.06	94212.72	92975.54	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	691.46	681.90	688.94	687.43	0.72	ppb
Cobalt	59-2	1483.56	1479.77	1482.10	1481.81	0.13	ppb
Copper	63-2	2376.49	2356.79	2343.94	2359.07	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				92		%
Holmium	165-2				92		%
Indium	115-1				84		%
Indium	115-2				83		%
Iron	56-2	94150.46	92674.49	94255.44	93693.46	0.94	ppb
Iron	57-2	92583.32	93131.12	92554.58	92756.34	0.35	ppb
Iron	54-2	93895.89	92526.88	93470.41	93297.73	0.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08MS	Instrumnet Name :	P7
Client Sample ID :	MYD389SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:23:09	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	369.28	365.95	370.58	368.61	0.65	ppb
Lead	207-1	333.36	333.14	341.27	335.93	1.38	ppb
Lead	208-1	358.66	358.23	363.88	360.25	0.87	ppb
Lithium	6-1				82		%
Magnesium	24-2	25846.22	25287.03	25401.44	25511.56	1.16	ppb
Manganese	55-2	4484.91	4417.41	4439.90	4447.41	0.77	ppb
Molybdenum	94-1	88.67	88.80	90.20	89.22	0.95	ppb
Molybdenum	95-1	1.09	1.10	1.12	1.10	1.58	ppb
Molybdenum	96-1	10.89	10.88	11.01	10.93	0.64	ppb
Molybdenum	97-1	0.98	1.01	1.04	1.01	2.92	ppb
Molybdenum	98-1	1.02	1.10	1.09	1.07	4.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1642.65	1626.45	1635.92	1635.01	0.50	ppb
Phosphorus	31-2	4323.53	4282.22	4318.68	4308.14	0.52	ppb
Potassium	39-2	5607.12	5374.36	5574.49	5518.66	2.28	ppb
Rhodium	103-1				80		%
Rhodium	103-2				82		%
Scandium	45-1				79		%
Scandium	45-2				79		%
Selenium	82-1	300.05	300.63	299.28	299.99	0.22	ppb
Selenium	77-2	319.87	322.36	309.24	317.16	2.20	ppb
Selenium	78-2	293.41	295.21	299.41	296.01	1.04	ppb
Silicon	28-1	1685.15	1698.21	1714.87	1699.41	0.88	ppb
Silver	107-1	120.00	145.66	121.62	129.10	11.13	ppb
Silver	109-1	104.79	114.81	113.34	110.98	4.88	ppb
Sodium	23-2	370.73	365.89	368.52	368.38	0.66	ppb
Strontium	86-1	285.46	285.56	290.35	287.12	0.97	ppb
Strontium	88-1	288.21	284.46	292.68	288.45	1.43	ppb
Sulfur	34-1	484.93	446.93	474.36	468.74	4.18	ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	129.22	129.96	131.62	130.27	0.95	ppb
Thallium	205-1	142.09	141.09	142.46	141.88	0.50	ppb
Tin	118-1	6.43	6.65	6.60	6.56	1.81	ppb
Titanium	47-1	1812.56	1847.30	1899.73	1853.20	2.37	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08MS	Instrumnet Name :	P7
Client Sample ID :	MYD389SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:23:09	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.55	1.56	1.57	1.56	0.52	ppb
Vanadium	51-2	1538.93	1517.65	1551.50	1536.02	1.11	ppb
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	2354.95	2316.23	2342.70	2337.96	0.85	ppb
Zirconium	90-1	49.67	49.83	50.37	49.96	0.74	ppb
Zirconium	91-1	49.16	49.14	50.58	49.63	1.67	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-11	Instrumnet Name :	P7
Client Sample ID :	MYD390	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:26:06	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63699.76	63179.84	63456.83	63445.48	0.41	ppb
Antimony	121-1	5.06	5.25	5.18	5.16	1.89	ppb
Arsenic	75-2	229.08	229.04	231.91	230.01	0.71	ppb
Barium	135-1	1121.21	1154.37	1198.91	1158.16	3.37	ppb
Barium	137-1	1164.66	1161.14	1180.73	1168.84	0.89	ppb
Beryllium	9-1	2.93	3.16	3.13	3.08	4.10	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	17.31	15.69	17.39	16.80	5.71	ppb
Cadmium	106-1	19.67	18.98	21.42	20.02	6.29	ppb
Cadmium	111-1	13.24	13.10	13.51	13.28	1.59	ppb
Calcium	43-1	91179.90	90855.07	91912.52	91315.83	0.59	ppb
Calcium	44-1	90927.78	91644.13	91441.47	91337.79	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	147.19	146.42	147.91	147.18	0.51	ppb
Cobalt	59-2	64.66	64.16	64.15	64.32	0.46	ppb
Copper	63-2	2291.94	2277.97	2290.30	2286.74	0.33	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				93		%
Holmium	165-2				93		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	56-2	108818.53	107756.19	107821.62	108132.11	0.55	ppb
Iron	57-2	106978.73	106667.28	108015.76	107220.59	0.66	ppb
Iron	54-2	107043.72	107716.14	107932.87	107564.25	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-11	Instrumnet Name :	P7
Client Sample ID :	MYD390	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:26:06	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	418.45	419.51	415.53	417.83	0.49	ppb
Lead	207-1	420.94	430.88	425.24	425.69	1.17	ppb
Lead	208-1	416.92	425.46	421.47	421.28	1.02	ppb
Lithium	6-1				82		%
Magnesium	24-2	29448.08	29503.20	29239.13	29396.80	0.47	ppb
Manganese	55-2	2789.29	2801.21	2813.63	2801.38	0.43	ppb
Molybdenum	94-1	97.18	99.78	99.07	98.68	1.36	ppb
Molybdenum	95-1	1.39	1.34	1.32	1.35	2.97	ppb
Molybdenum	96-1	12.42	12.33	12.66	12.47	1.40	ppb
Molybdenum	97-1	1.34	1.40	1.36	1.37	2.48	ppb
Molybdenum	98-1	1.32	1.34	1.33	1.33	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	237.49	236.28	238.63	237.47	0.49	ppb
Phosphorus	31-2	5080.70	5014.76	5182.56	5092.67	1.66	ppb
Potassium	39-2	7288.93	7164.52	7134.66	7196.04	1.14	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				80		%
Scandium	45-2				81		%
Selenium	82-1	5.41	4.45	4.68	4.85	10.33	ppb
Selenium	77-2	33.29	32.11	31.38	32.26	2.99	ppb
Selenium	78-2	8.96	9.49	8.41	8.95	6.01	ppb
Silicon	28-1	1533.77	1560.28	1570.28	1554.78	1.21	ppb
Silver	107-1	5.84	5.90	5.99	5.91	1.25	ppb
Silver	109-1	5.68	5.83	5.85	5.79	1.63	ppb
Sodium	23-2	339.65	336.11	338.79	338.18	0.55	ppb
Strontium	86-1	315.55	318.70	317.82	317.36	0.51	ppb
Strontium	88-1	318.02	320.82	319.87	319.57	0.45	ppb
Sulfur	34-1	646.58	866.80	829.30	780.89	15.09	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.48	0.51	0.47	0.49	3.45	ppb
Thallium	205-1	0.50	0.48	0.49	0.49	1.91	ppb
Tin	118-1	7.00	7.18	7.21	7.13	1.63	ppb
Titanium	47-1	1892.98	1917.88	1905.71	1905.52	0.65	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-11	Instrumnet Name :	P7
Client Sample ID :	MYD390	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:26:06	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.87	1.83	1.83	1.84	1.20	ppb
Vanadium	51-2	166.25	165.94	165.38	165.85	0.27	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%
Zinc	66-2	1252.76	1251.51	1248.16	1250.81	0.19	ppb
Zirconium	90-1	54.76	55.20	55.74	55.23	0.88	ppb
Zirconium	91-1	54.74	55.48	55.24	55.15	0.69	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-12	Instrumnet Name :	P7
Client Sample ID :	MYD391	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:29:11	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35773.58	35524.23	35456.64	35584.82	0.47	ppb
Antimony	121-1	1.70	1.69	2.00	1.80	9.93	ppb
Arsenic	75-2	71.06	69.59	70.39	70.35	1.04	ppb
Barium	135-1	656.07	660.87	773.17	696.70	9.51	ppb
Barium	137-1	692.70	691.35	809.59	731.21	9.28	ppb
Beryllium	9-1	1.71	1.84	1.94	1.83	6.36	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.10	6.76	7.08	6.65	7.55	ppb
Cadmium	106-1	8.49	9.86	9.55	9.30	7.73	ppb
Cadmium	111-1	3.63	3.76	4.22	3.87	8.07	ppb
Calcium	43-1	78217.80	78223.98	91798.14	82746.64	9.47	ppb
Calcium	44-1	73109.09	72678.16	85555.70	77114.32	9.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.51	88.87	89.03	89.13	0.37	ppb
Cobalt	59-2	35.60	35.88	35.70	35.72	0.40	ppb
Copper	63-2	603.30	597.64	599.00	599.98	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				89		%
Holmium	165-2				92		%
Indium	115-1				82		%
Indium	115-2				84		%
Iron	56-2	57980.47	56775.74	56512.68	57089.63	1.37	ppb
Iron	57-2	57525.85	57170.97	56037.98	56911.60	1.37	ppb
Iron	54-2	57882.86	56500.69	57130.73	57171.43	1.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-12	Instrumnet Name :	P7
Client Sample ID :	MYD391	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:29:11	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	108.69	108.95	129.72	115.79	10.42	ppb
Lead	207-1	107.63	108.84	128.27	114.92	10.08	ppb
Lead	208-1	107.96	108.29	128.62	114.96	10.29	ppb
Lithium	6-1				78		%
Magnesium	24-2	16370.08	16259.95	16050.57	16226.87	1.00	ppb
Manganese	55-2	1952.13	1919.47	1916.19	1929.27	1.03	ppb
Molybdenum	94-1	69.81	70.00	83.73	74.51	10.71	ppb
Molybdenum	95-1	0.57	0.59	0.76	0.64	16.00	ppb
Molybdenum	96-1	8.20	8.45	9.94	8.86	10.60	ppb
Molybdenum	97-1	0.57	0.58	0.76	0.63	16.52	ppb
Molybdenum	98-1	0.58	0.57	0.67	0.61	9.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.07	135.25	135.51	135.61	0.31	ppb
Phosphorus	31-2	3097.20	3152.34	3207.02	3152.19	1.74	ppb
Potassium	39-2	4077.89	4076.30	4095.62	4083.27	0.26	ppb
Rhodium	103-1				78		%
Rhodium	103-2				83		%
Scandium	45-1				75		%
Scandium	45-2				79		%
Selenium	82-1	2.04	1.70	2.89	2.21	27.87	ppb
Selenium	77-2	18.65	14.54	18.20	17.13	13.16	ppb
Selenium	78-2	3.98	5.51	2.04	3.84	45.36	ppb
Silicon	28-1	1675.55	1687.39	1975.15	1779.36	9.53	ppb
Silver	107-1	1.38	1.39	1.60	1.46	8.43	ppb
Silver	109-1	1.34	1.36	1.57	1.42	8.91	ppb
Sodium	23-2	316.33	315.50	316.54	316.12	0.17	ppb
Strontium	86-1	179.86	183.76	212.77	192.13	9.36	ppb
Strontium	88-1	182.82	183.69	215.03	193.85	9.47	ppb
Sulfur	34-1	68.07	52.00	958.50	359.52	144.30	ppb
Terbium	159-1				88		%
Terbium	159-2				91		%
Thallium	203-1	0.25	0.25	0.29	0.26	9.81	ppb
Thallium	205-1	0.25	0.24	0.30	0.26	11.44	ppb
Tin	118-1	2.32	2.31	2.73	2.46	9.84	ppb
Titanium	47-1	1368.96	1360.10	1593.32	1440.79	9.17	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-12	Instrumnet Name :	P7
Client Sample ID :	MYD391	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:29:11	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.06	2.13	2.50	2.23	10.52	ppb
Vanadium	51-2	89.16	89.04	89.14	89.11	0.07	ppb
Yttrium	89-1				84		%
Yttrium	89-2				87		%
Zinc	66-2	363.77	363.30	366.05	364.37	0.40	ppb
Zirconium	90-1	38.76	39.20	46.61	41.52	10.63	ppb
Zirconium	91-1	39.10	39.90	46.83	41.94	10.14	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-13	Instrumnet Name :	P7
Client Sample ID :	MYD392	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:32:19	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67627.46	67809.25	68110.35	67849.02	0.36	ppb
Antimony	121-1	1.22	1.18	1.18	1.19	2.15	ppb
Arsenic	75-2	74.57	77.72	75.27	75.85	2.18	ppb
Barium	135-1	1208.88	1218.06	1213.01	1213.32	0.38	ppb
Barium	137-1	1226.09	1226.40	1212.46	1221.65	0.65	ppb
Beryllium	9-1	3.05	3.19	3.07	3.10	2.50	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.04	10.33	9.69	9.69	6.64	ppb
Cadmium	106-1	14.79	16.89	16.73	16.14	7.26	ppb
Cadmium	111-1	4.67	4.71	4.96	4.78	3.18	ppb
Calcium	43-1	63810.18	64061.57	65136.52	64336.09	1.10	ppb
Calcium	44-1	59843.99	59686.98	60506.65	60012.54	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	147.23	147.66	147.78	147.56	0.20	ppb
Cobalt	59-2	51.01	50.77	50.74	50.84	0.29	ppb
Copper	63-2	649.41	650.45	651.61	650.49	0.17	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				93		%
Holmium	165-2				93		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	56-2	86650.17	86270.93	87036.76	86652.62	0.44	ppb
Iron	57-2	84630.36	85935.32	85743.76	85436.48	0.82	ppb
Iron	54-2	85414.46	85983.75	85988.03	85795.41	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-13	Instrumnet Name :	P7
Client Sample ID :	MYD392	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:32:19	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.36	126.62	126.48	125.49	1.47	ppb
Lead	207-1	123.58	126.84	126.27	125.56	1.39	ppb
Lead	208-1	123.62	126.50	126.29	125.47	1.28	ppb
Lithium	6-1				82		%
Magnesium	24-2	25714.29	25846.54	25570.24	25710.36	0.54	ppb
Manganese	55-2	1934.31	1946.18	1929.08	1936.52	0.45	ppb
Molybdenum	94-1	124.25	125.32	127.15	125.57	1.17	ppb
Molybdenum	95-1	0.47	0.52	0.53	0.50	6.24	ppb
Molybdenum	96-1	14.11	14.40	14.64	14.39	1.85	ppb
Molybdenum	97-1	0.46	0.50	0.53	0.49	6.86	ppb
Molybdenum	98-1	0.50	0.48	0.46	0.48	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	245.21	243.52	245.82	244.85	0.49	ppb
Phosphorus	31-2	5071.83	5037.30	4968.23	5025.79	1.05	ppb
Potassium	39-2	5015.92	4986.65	4983.87	4995.48	0.36	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	82-1	2.00	2.07	2.74	2.27	18.06	ppb
Selenium	77-2	27.40	30.10	28.22	28.57	4.83	ppb
Selenium	78-2	6.21	8.45	7.37	7.34	15.31	ppb
Silicon	28-1	1990.56	2009.20	2033.56	2011.11	1.07	ppb
Silver	107-1	1.78	1.73	1.77	1.76	1.57	ppb
Silver	109-1	1.68	1.70	1.71	1.70	0.88	ppb
Sodium	23-2	349.51	346.68	349.29	348.49	0.45	ppb
Strontium	86-1	297.39	298.33	302.61	299.45	0.93	ppb
Strontium	88-1	295.52	301.54	298.59	298.55	1.01	ppb
Sulfur	34-1	-184.71	-201.43	-107.79	-164.64		ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.26	0.30	0.31	0.29	9.32	ppb
Thallium	205-1	0.28	0.30	0.29	0.29	2.47	ppb
Tin	118-1	2.95	2.96	3.08	3.00	2.45	ppb
Titanium	47-1	2265.51	2263.30	2360.38	2296.39	2.41	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-13	Instrumnet Name :	P7
Client Sample ID :	MYD392	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:32:19	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.84	1.93	1.93	1.90	2.83	ppb
Vanadium	51-2	129.51	128.47	129.07	129.01	0.41	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	431.35	431.04	437.90	433.43	0.89	ppb
Zirconium	90-1	70.11	70.41	71.97	70.83	1.41	ppb
Zirconium	91-1	69.05	71.20	71.13	70.46	1.73	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-14	Instrumnet Name :	P7
Client Sample ID :	MYD393	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:35:29	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48207.49	48354.13	48653.47	48405.03	0.47	ppb
Antimony	121-1	2.25	2.28	2.32	2.28	1.61	ppb
Arsenic	75-2	90.36	93.19	87.62	90.39	3.08	ppb
Barium	135-1	865.50	880.47	879.72	875.23	0.96	ppb
Barium	137-1	928.60	941.18	920.79	930.19	1.11	ppb
Beryllium	9-1	2.34	2.24	2.42	2.33	3.95	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.09	9.39	8.36	8.95	5.92	ppb
Cadmium	106-1	9.08	9.58	7.89	8.85	9.79	ppb
Cadmium	111-1	7.88	8.27	7.62	7.92	4.10	ppb
Calcium	43-1	41011.63	40649.95	41156.29	40939.29	0.64	ppb
Calcium	44-1	38288.81	37779.95	38314.12	38127.63	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.82	119.79	117.72	118.78	0.88	ppb
Cobalt	59-2	48.85	48.45	48.35	48.55	0.54	ppb
Copper	63-2	1035.73	1035.07	1045.98	1038.93	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				92		%
Holmium	165-2				92		%
Indium	115-1				84		%
Indium	115-2				83		%
Iron	56-2	104972.22	105505.14	105096.46	105191.27	0.27	ppb
Iron	57-2	104307.53	103954.81	104417.13	104226.49	0.23	ppb
Iron	54-2	104659.98	105116.39	104413.58	104729.98	0.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-14	Instrumnet Name :	P7
Client Sample ID :	MYD393	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:35:29	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	157.63	158.42	160.43	158.83	0.91	ppb
Lead	207-1	157.43	156.65	159.96	158.01	1.09	ppb
Lead	208-1	165.04	165.89	167.00	165.98	0.59	ppb
Lithium	6-1				82		%
Magnesium	24-2	21965.65	21893.61	22234.86	22031.37	0.82	ppb
Manganese	55-2	5399.44	5358.40	5339.99	5365.94	0.57	ppb
Molybdenum	94-1	25.81	25.75	25.37	25.64	0.94	ppb
Molybdenum	95-1	1.94	1.99	2.00	1.97	1.48	ppb
Molybdenum	96-1	5.25	5.30	5.27	5.27	0.47	ppb
Molybdenum	97-1	1.78	2.05	1.91	1.91	7.00	ppb
Molybdenum	98-1	1.88	1.84	1.79	1.84	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.52	119.66	119.63	119.60	0.06	ppb
Phosphorus	31-2	6407.55	6489.57	6305.67	6400.93	1.44	ppb
Potassium	39-2	9662.65	9719.81	9611.42	9664.63	0.56	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				79		%
Scandium	45-2				80		%
Selenium	82-1	2.33	2.38	1.53	2.08	23.01	ppb
Selenium	77-2	14.25	16.50	13.29	14.68	11.23	ppb
Selenium	78-2	3.94	4.64	4.26	4.28	8.14	ppb
Silicon	28-1	2205.30	2210.34	2224.76	2213.46	0.46	ppb
Silver	107-1	1.22	1.26	1.25	1.24	1.34	ppb
Silver	109-1	1.20	1.26	1.22	1.23	2.46	ppb
Sodium	23-2	304.20	306.70	308.03	306.31	0.64	ppb
Strontium	86-1	415.23	424.07	423.94	421.08	1.20	ppb
Strontium	88-1	422.87	420.85	425.18	422.97	0.51	ppb
Sulfur	34-1	1093.04	1041.23	1152.47	1095.58	5.08	ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	0.39	0.40	0.41	0.40	3.24	ppb
Thallium	205-1	0.38	0.38	0.40	0.39	3.82	ppb
Tin	118-1	6.36	6.45	6.35	6.39	0.86	ppb
Titanium	47-1	946.45	936.31	951.40	944.72	0.81	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-14	Instrumnet Name :	P7
Client Sample ID :	MYD393	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:35:29	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.17	1.19	1.18	1.18	0.66	ppb
Vanadium	51-2	180.89	180.76	179.29	180.31	0.49	ppb
Yttrium	89-1				88		%
Yttrium	89-2				87		%
Zinc	66-2	879.00	875.72	875.26	876.66	0.23	ppb
Zirconium	90-1	13.50	13.76	13.76	13.67	1.07	ppb
Zirconium	91-1	13.58	13.84	13.98	13.80	1.48	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-15	Instrumnet Name :	P7
Client Sample ID :	MYD394	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:38:35	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71703.20	71157.11	71914.62	71591.64	0.55	ppb
Antimony	121-1	2.39	2.48	2.47	2.45	1.97	ppb
Arsenic	75-2	87.94	89.02	87.10	88.02	1.10	ppb
Barium	135-1	1116.40	1126.68	1113.34	1118.81	0.62	ppb
Barium	137-1	1128.39	1135.26	1125.05	1129.57	0.46	ppb
Beryllium	9-1	3.59	3.35	3.30	3.41	4.54	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.91	8.35	8.31	8.19	2.99	ppb
Cadmium	106-1	10.25	11.20	8.86	10.10	11.63	ppb
Cadmium	111-1	6.64	6.83	6.64	6.70	1.67	ppb
Calcium	43-1	62240.99	62767.30	62988.48	62665.59	0.61	ppb
Calcium	44-1	58244.16	58497.56	58702.97	58481.56	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168.74	169.71	167.69	168.71	0.60	ppb
Cobalt	59-2	57.34	57.91	57.45	57.57	0.52	ppb
Copper	63-2	1172.75	1145.60	1165.14	1161.16	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				91		%
Holmium	165-2				91		%
Indium	115-1				84		%
Indium	115-2				83		%
Iron	56-2	107978.08	108665.59	108206.19	108283.29	0.32	ppb
Iron	57-2	106741.38	107647.20	105995.29	106794.63	0.77	ppb
Iron	54-2	107005.75	107118.26	106993.78	107039.26	0.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-15	Instrumnet Name :	P7
Client Sample ID :	MYD394	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:38:35	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	174.19	174.87	175.55	174.87	0.39	ppb
Lead	207-1	170.96	173.27	174.20	172.81	0.96	ppb
Lead	208-1	181.33	183.62	183.59	182.85	0.72	ppb
Lithium	6-1				81		%
Magnesium	24-2	31262.53	31480.75	31054.69	31265.99	0.68	ppb
Manganese	55-2	6365.09	6458.33	6377.29	6400.24	0.79	ppb
Molybdenum	94-1	44.26	45.77	45.77	45.27	1.93	ppb
Molybdenum	95-1	1.95	2.08	2.11	2.05	4.15	ppb
Molybdenum	96-1	7.17	7.25	7.34	7.25	1.20	ppb
Molybdenum	97-1	2.02	2.01	2.03	2.02	0.42	ppb
Molybdenum	98-1	1.93	1.91	2.01	1.95	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	165.30	167.53	163.62	165.48	1.18	ppb
Phosphorus	31-2	3396.26	3521.79	3341.92	3419.99	2.70	ppb
Potassium	39-2	10974.86	11086.23	10885.05	10982.04	0.92	ppb
Rhodium	103-1				80		%
Rhodium	103-2				82		%
Scandium	45-1				79		%
Scandium	45-2				80		%
Selenium	82-1	0.96	2.01	1.93	1.63	35.95	ppb
Selenium	77-2	20.35	19.40	19.28	19.68	2.98	ppb
Selenium	78-2	2.68	4.44	4.51	3.88	26.85	ppb
Silicon	28-1	1811.70	1836.54	1847.32	1831.86	1.00	ppb
Silver	107-1	1.59	1.55	1.58	1.57	1.36	ppb
Silver	109-1	1.55	1.57	1.55	1.55	0.97	ppb
Sodium	23-2	281.44	285.57	283.41	283.47	0.73	ppb
Strontium	86-1	296.78	300.15	300.97	299.30	0.74	ppb
Strontium	88-1	298.96	304.15	299.65	300.92	0.94	ppb
Sulfur	34-1	31.40	93.44	38.38	54.41	62.46	ppb
Terbium	159-1				91		%
Terbium	159-2				91		%
Thallium	203-1	0.57	0.59	0.60	0.59	2.18	ppb
Thallium	205-1	0.58	0.57	0.62	0.59	3.84	ppb
Tin	118-1	12.73	12.78	12.71	12.74	0.30	ppb
Titanium	47-1	1286.26	1294.02	1304.52	1294.93	0.71	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-15	Instrumnet Name :	P7
Client Sample ID :	MYD394	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:38:35	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.33	1.32	1.36	1.34	1.32	ppb
Vanadium	51-2	194.69	196.48	194.34	195.17	0.59	ppb
Yttrium	89-1				88		%
Yttrium	89-2				87		%
Zinc	66-2	954.15	950.12	945.64	949.97	0.45	ppb
Zirconium	90-1	24.45	24.70	24.78	24.65	0.70	ppb
Zirconium	91-1	24.14	24.78	24.80	24.57	1.53	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-16	Instrumnet Name :	P7
Client Sample ID :	MYD395	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:41:43	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69065.72	69734.24	69818.76	69539.57	0.59	ppb
Antimony	121-1	3.56	3.54	3.59	3.56	0.65	ppb
Arsenic	75-2	199.54	198.64	198.25	198.81	0.33	ppb
Barium	135-1	975.37	982.01	1012.94	990.11	2.02	ppb
Barium	137-1	992.81	990.72	1000.73	994.75	0.53	ppb
Beryllium	9-1	3.63	3.58	3.49	3.57	1.96	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	17.93	16.27	17.74	17.31	5.25	ppb
Cadmium	106-1	20.61	19.96	20.88	20.49	2.30	ppb
Cadmium	111-1	13.60	13.57	13.74	13.64	0.66	ppb
Calcium	43-1	174678.30	173866.87	174842.55	174462.58	0.30	ppb
Calcium	44-1	173023.98	173314.26	174457.86	173598.70	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	151.77	153.08	152.37	152.41	0.43	ppb
Cobalt	59-2	75.44	75.94	75.73	75.71	0.33	ppb
Copper	63-2	2365.26	2372.54	2357.61	2365.14	0.32	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				90		%
Holmium	165-2				90		%
Indium	115-1				82		%
Indium	115-2				81		%
Iron	56-2	100282.21	101663.79	101043.66	100996.55	0.69	ppb
Iron	57-2	100267.11	101614.55	100969.65	100950.44	0.67	ppb
Iron	54-2	100527.45	100466.57	99946.60	100313.54	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-16	Instrumnet Name :	P7
Client Sample ID :	MYD395	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:41:43	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	490.21	486.40	491.09	489.23	0.51	ppb
Lead	207-1	494.68	488.89	494.54	492.71	0.67	ppb
Lead	208-1	486.53	485.53	489.49	487.18	0.42	ppb
Lithium	6-1				78		%
Magnesium	24-2	32673.74	32650.61	32701.71	32675.35	0.08	ppb
Manganese	55-2	2556.94	2627.55	2570.85	2585.11	1.45	ppb
Molybdenum	94-1	98.55	98.32	98.54	98.47	0.13	ppb
Molybdenum	95-1	1.32	1.17	1.29	1.26	6.44	ppb
Molybdenum	96-1	12.16	12.00	12.10	12.09	0.67	ppb
Molybdenum	97-1	1.24	1.21	1.25	1.24	1.71	ppb
Molybdenum	98-1	1.18	1.20	1.23	1.21	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	254.61	257.73	256.85	256.40	0.63	ppb
Phosphorus	31-2	6128.37	5955.12	5870.11	5984.53	2.20	ppb
Potassium	39-2	9268.91	9277.26	9374.48	9306.88	0.63	ppb
Rhodium	103-1				77		%
Rhodium	103-2				80		%
Scandium	45-1				76		%
Scandium	45-2				79		%
Selenium	82-1	5.10	4.67	5.85	5.21	11.44	ppb
Selenium	77-2	25.68	33.56	34.36	31.20	15.37	ppb
Selenium	78-2	9.83	10.05	8.92	9.60	6.23	ppb
Silicon	28-1	1938.50	1958.42	1964.31	1953.74	0.69	ppb
Silver	107-1	5.50	5.60	5.72	5.61	1.94	ppb
Silver	109-1	5.48	5.45	5.60	5.51	1.41	ppb
Sodium	23-2	418.70	428.81	428.54	425.35	1.35	ppb
Strontium	86-1	353.72	356.22	353.07	354.34	0.47	ppb
Strontium	88-1	358.10	358.99	357.07	358.05	0.27	ppb
Sulfur	34-1	1331.62	1192.57	1217.33	1247.17	5.95	ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.50	0.50	0.53	0.51	3.36	ppb
Thallium	205-1	0.49	0.48	0.52	0.50	4.11	ppb
Tin	118-1	11.13	11.19	11.46	11.26	1.58	ppb
Titanium	47-1	2223.83	2269.65	2319.85	2271.11	2.11	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-16	Instrumnet Name :	P7
Client Sample ID :	MYD395	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:41:43	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.02	2.03	2.06	2.04	0.92	ppb
Vanadium	51-2	157.44	158.15	159.11	158.23	0.53	ppb
Yttrium	89-1				87		%
Yttrium	89-2				86		%
Zinc	66-2	1335.87	1345.04	1332.71	1337.87	0.48	ppb
Zirconium	90-1	55.23	54.91	54.98	55.04	0.31	ppb
Zirconium	91-1	55.62	55.24	54.51	55.13	1.02	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-17	Instrumnet Name :	P7
Client Sample ID :	MYD396	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:44:46	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63036.50	63361.08	62755.05	63050.88	0.48	ppb
Antimony	121-1	1.63	1.56	1.47	1.55	5.19	ppb
Arsenic	75-2	72.26	71.41	72.35	72.01	0.71	ppb
Barium	135-1	1035.82	996.06	959.80	997.23	3.81	ppb
Barium	137-1	1029.97	991.31	963.34	994.87	3.36	ppb
Beryllium	9-1	2.90	2.83	2.79	2.84	1.93	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.28	6.41	6.07	6.25	2.78	ppb
Cadmium	106-1	7.24	8.68	6.40	7.44	15.53	ppb
Cadmium	111-1	5.03	5.02	4.58	4.88	5.33	ppb
Calcium	43-1	51776.85	50709.99	49101.86	50529.57	2.66	ppb
Calcium	44-1	48872.34	47979.04	46283.38	47711.59	2.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	144.06	144.56	142.69	143.77	0.67	ppb
Cobalt	59-2	54.85	54.74	54.27	54.62	0.56	ppb
Copper	63-2	756.40	777.51	772.55	768.82	1.44	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				96		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				85		%
Iron	56-2	101442.20	101767.32	100675.94	101295.16	0.55	ppb
Iron	57-2	99879.89	100616.11	100067.56	100187.86	0.38	ppb
Iron	54-2	101262.81	101481.96	100502.77	101082.51	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-17	Instrumnet Name :	P7
Client Sample ID :	MYD396	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:44:46	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	127.93	124.48	119.96	124.12	3.22	ppb
Lead	207-1	126.12	122.28	118.40	122.27	3.16	ppb
Lead	208-1	126.63	123.20	118.87	122.90	3.16	ppb
Lithium	6-1				84		%
Magnesium	24-2	32208.66	32330.95	32301.36	32280.32	0.20	ppb
Manganese	55-2	4667.42	4616.97	4623.26	4635.88	0.59	ppb
Molybdenum	94-1	38.85	37.40	36.43	37.56	3.24	ppb
Molybdenum	95-1	1.54	1.59	1.48	1.54	3.64	ppb
Molybdenum	96-1	6.37	6.06	5.67	6.03	5.85	ppb
Molybdenum	97-1	1.52	1.48	1.40	1.47	4.26	ppb
Molybdenum	98-1	1.42	1.45	1.39	1.42	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	149.65	149.16	147.90	148.90	0.61	ppb
Phosphorus	31-2	3719.86	3672.98	3806.63	3733.16	1.82	ppb
Potassium	39-2	13303.40	13440.60	13368.72	13370.90	0.51	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				83		%
Scandium	45-2				82		%
Selenium	82-1	1.63	1.81	1.42	1.62	11.88	ppb
Selenium	77-2	19.30	16.99	15.24	17.17	11.85	ppb
Selenium	78-2	4.82	3.96	5.54	4.77	16.53	ppb
Silicon	28-1	2020.81	1989.18	1930.15	1980.05	2.32	ppb
Silver	107-1	1.46	1.42	1.36	1.41	3.37	ppb
Silver	109-1	1.43	1.36	1.34	1.38	3.54	ppb
Sodium	23-2	399.99	403.66	396.34	399.99	0.92	ppb
Strontium	86-1	266.92	262.03	249.78	259.58	3.40	ppb
Strontium	88-1	268.89	262.71	249.13	260.25	3.88	ppb
Sulfur	34-1	360.54	146.34	-56.81	150.02	139.11	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	0.51	0.48	0.48	0.49	3.75	ppb
Thallium	205-1	0.50	0.48	0.47	0.48	3.94	ppb
Tin	118-1	14.88	14.36	14.06	14.44	2.89	ppb
Titanium	47-1	1101.23	1080.49	1047.03	1076.25	2.54	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-17	Instrumnet Name :	P7
Client Sample ID :	MYD396	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:44:46	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.28	1.21	1.19	1.23	3.91	ppb
Vanadium	51-2	185.45	186.98	185.19	185.87	0.52	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	703.33	698.91	692.57	698.27	0.77	ppb
Zirconium	90-1	21.26	20.38	19.91	20.52	3.35	ppb
Zirconium	91-1	21.12	20.58	19.65	20.45	3.64	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-18	Instrumnet Name :	P7
Client Sample ID :	MYD397	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:47:55	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57013.62	56090.48	55856.62	56320.24	1.09	ppb
Antimony	121-1	1.33	1.39	1.37	1.36	2.28	ppb
Arsenic	75-2	79.12	77.01	77.11	77.75	1.53	ppb
Barium	135-1	780.55	801.22	798.91	793.56	1.43	ppb
Barium	137-1	819.64	835.74	832.91	829.43	1.04	ppb
Beryllium	9-1	2.36	2.07	2.17	2.20	6.71	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.93	3.76	3.72	3.80	3.05	ppb
Cadmium	106-1	3.87	4.40	4.91	4.39	11.84	ppb
Cadmium	111-1	3.17	3.26	3.41	3.28	3.72	ppb
Calcium	43-1	22702.66	22495.30	22509.99	22569.32	0.51	ppb
Calcium	44-1	21168.30	21184.29	21152.58	21168.39	0.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.89	121.63	118.86	120.13	1.17	ppb
Cobalt	59-2	58.41	58.05	57.94	58.13	0.42	ppb
Copper	63-2	483.63	487.11	478.95	483.23	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				92		%
Holmium	165-2				91		%
Indium	115-1				84		%
Indium	115-2				83		%
Iron	56-2	117290.55	117173.27	115257.24	116573.69	0.98	ppb
Iron	57-2	115852.12	116109.55	114262.19	115407.95	0.87	ppb
Iron	54-2	115354.12	116532.28	116033.20	115973.20	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-18	Instrumnet Name :	P7
Client Sample ID :	MYD397	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:47:55	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	61.70	62.00	62.81	62.17	0.93	ppb
Lead	207-1	61.31	60.35	62.29	61.31	1.58	ppb
Lead	208-1	61.29	60.83	62.08	61.40	1.04	ppb
Lithium	6-1				81		%
Magnesium	24-2	26029.00	26268.50	25819.22	26038.91	0.86	ppb
Manganese	55-2	3575.06	3562.45	3484.06	3540.52	1.39	ppb
Molybdenum	94-1	17.53	17.63	18.03	17.73	1.50	ppb
Molybdenum	95-1	1.11	1.02	1.13	1.09	5.69	ppb
Molybdenum	96-1	3.71	3.62	3.78	3.70	2.08	ppb
Molybdenum	97-1	1.06	0.97	1.08	1.04	5.71	ppb
Molybdenum	98-1	0.98	1.00	1.02	1.00	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.81	138.26	137.09	137.72	0.43	ppb
Phosphorus	31-2	2417.09	2403.84	2408.47	2409.80	0.28	ppb
Potassium	39-2	5563.78	5492.29	5319.48	5458.52	2.30	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				79		%
Scandium	45-2				80		%
Selenium	82-1	0.35	1.11	1.92	1.13	69.97	ppb
Selenium	77-2	15.71	17.60	15.74	16.35	6.63	ppb
Selenium	78-2	4.29	5.42	3.81	4.51	18.36	ppb
Silicon	28-1	1662.21	1670.57	1651.32	1661.37	0.58	ppb
Silver	107-1	0.58	0.58	0.56	0.57	1.82	ppb
Silver	109-1	0.55	0.60	0.59	0.58	4.04	ppb
Sodium	23-2	278.10	279.81	275.69	277.86	0.74	ppb
Strontium	86-1	173.65	169.97	171.30	171.64	1.09	ppb
Strontium	88-1	173.37	172.86	175.44	173.89	0.79	ppb
Sulfur	34-1	-572.91	-694.33	-652.57	-639.94		ppb
Terbium	159-1				91		%
Terbium	159-2				91		%
Thallium	203-1	0.32	0.33	0.34	0.33	3.32	ppb
Thallium	205-1	0.33	0.33	0.33	0.33	0.33	ppb
Tin	118-1	2.81	2.85	2.91	2.86	1.73	ppb
Titanium	47-1	1020.79	1016.80	1015.47	1017.69	0.27	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-18	Instrumnet Name :	P7
Client Sample ID :	MYD397	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:47:55	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.13	1.18	1.15	2.50	ppb
Vanadium	51-2	216.24	217.35	214.86	216.15	0.58	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%
Zinc	66-2	396.11	393.71	389.79	393.20	0.81	ppb
Zirconium	90-1	9.57	9.64	9.56	9.59	0.45	ppb
Zirconium	91-1	9.57	9.62	9.73	9.64	0.85	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:51:02	DataFile Name :	135CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49969.23	49470.62	49211.52	49550.46	0.78	ppb
Antimony	121-1	497.18	503.53	492.38	497.70	1.12	ppb
Arsenic	75-2	502.94	510.69	511.85	508.49	0.95	ppb
Barium	135-1	2505.94	2546.26	2526.43	2526.21	0.80	ppb
Barium	137-1	2504.07	2550.19	2513.14	2522.46	0.97	ppb
Beryllium	9-1	515.55	517.41	520.77	517.91	0.51	ppb
Bismuth	209-1				82		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	509.07	507.57	510.19	508.95	0.26	ppb
Cadmium	106-1	499.49	501.89	498.79	500.06	0.33	ppb
Cadmium	111-1	496.32	499.16	493.77	496.41	0.54	ppb
Calcium	43-1	253328.84	260740.76	257687.13	257252.25	1.45	ppb
Calcium	44-1	252456.12	254853.58	256237.72	254515.80	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.57	521.59	519.68	519.94	0.29	ppb
Cobalt	59-2	525.46	529.49	524.91	526.62	0.47	ppb
Copper	63-2	5265.33	5293.11	5246.48	5268.31	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				86		%
Holmium	165-2				87		%
Indium	115-1				75		%
Indium	115-2				76		%
Iron	56-2	133149.40	134494.86	134308.85	133984.37	0.54	ppb
Iron	57-2	132187.62	134387.28	132579.87	133051.59	0.88	ppb
Iron	54-2	132995.93	133476.22	131782.54	132751.56	0.66	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:51:02	DataFile Name :	135CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2635.73	2645.57	2671.29	2650.86	0.69	ppb
Lead	207-1	2613.45	2625.20	2626.94	2621.86	0.28	ppb
Lead	208-1	2621.41	2644.01	2627.84	2631.09	0.44	ppb
Lithium	6-1				71		%
Magnesium	24-2	244026.38	244631.25	243716.73	244124.78	0.19	ppb
Manganese	55-2	5271.99	5303.34	5262.22	5279.18	0.41	ppb
Molybdenum	94-1	5195.23	5250.25	5283.36	5242.95	0.85	ppb
Molybdenum	95-1	5181.97	5258.04	5209.69	5216.57	0.74	ppb
Molybdenum	96-1	5216.85	5248.12	5246.13	5237.03	0.33	ppb
Molybdenum	97-1	5178.40	5268.54	5251.37	5232.77	0.91	ppb
Molybdenum	98-1	5234.27	5258.63	5229.75	5240.88	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.53	522.23	518.08	520.28	0.40	ppb
Phosphorus	31-2	9804.15	9816.71	9791.81	9804.22	0.13	ppb
Potassium	39-2	123142.62	124437.79	123468.00	123682.80	0.54	ppb
Rhodium	103-1				70		%
Rhodium	103-2				72		%
Scandium	45-1				67		%
Scandium	45-2				70		%
Selenium	82-1	504.16	506.26	502.33	504.25	0.39	ppb
Selenium	77-2	484.24	510.50	483.68	492.80	3.11	ppb
Selenium	78-2	479.87	483.19	484.91	482.65	0.53	ppb
Silicon	28-1	554.93	559.67	566.57	560.39	1.04	ppb
Silver	107-1	484.78	486.64	480.88	484.10	0.61	ppb
Silver	109-1	482.90	488.56	478.64	483.37	1.03	ppb
Sodium	23-2	246731.66	247570.46	248246.31	247516.14	0.31	ppb
Strontium	86-1	12822.66	12949.46	13065.63	12945.92	0.94	ppb
Strontium	88-1	12938.72	13096.49	13016.17	13017.13	0.61	ppb
Sulfur	34-1	10380.05	10383.32	10518.88	10427.42	0.76	ppb
Terbium	159-1				85		%
Terbium	159-2				86		%
Thallium	203-1	535.02	530.31	533.67	533.00	0.46	ppb
Thallium	205-1	523.44	518.93	525.17	522.51	0.62	ppb
Tin	118-1	496.36	512.74	499.27	502.79	1.74	ppb
Titanium	47-1	5106.53	5218.78	5254.74	5193.35	1.49	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:51:02	DataFile Name :	135CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	535.69	541.78	548.14	541.87	1.15	ppb
Vanadium	51-2	526.73	527.90	523.04	525.89	0.48	ppb
Yttrium	89-1				76		%
Yttrium	89-2				76		%
Zinc	66-2	5392.96	5330.97	5326.03	5349.99	0.70	ppb
Zirconium	90-1	519.94	520.82	525.94	522.23	0.62	ppb
Zirconium	91-1	514.96	525.01	522.80	520.92	1.01	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:53:51	DataFile Name :	136CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.08	1.15	0.54	0.92	36.34	ppb
Antimony	121-1	0.33	0.36	0.34	0.34	3.41	ppb
Arsenic	75-2	0.00	-0.02	0.00	-0.01		ppb
Barium	135-1	0.07	0.04	0.02	0.04	64.23	ppb
Barium	137-1	0.07	0.05	0.04	0.05	32.52	ppb
Beryllium	9-1	0.10	0.09	0.07	0.09	17.82	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.04	0.04	0.05	37.71	ppb
Cadmium	106-1	-0.07	-0.68	-2.09	-0.95		ppb
Cadmium	111-1	0.04	-0.01	-0.13	-0.04		ppb
Calcium	43-1	3.34	1.84	1.85	2.34	36.81	ppb
Calcium	44-1	5.64	5.06	3.36	4.69	25.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.01	0.00	803.77	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	681.99	ppb
Copper	63-2	0.22	0.18	0.17	0.19	15.18	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				92		%
Holmium	165-2				91		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	56-2	4.50	4.25	4.63	4.46	4.41	ppb
Iron	57-2	0.28	0.35	2.85	1.16	126.29	ppb
Iron	54-2	4.83	5.28	4.64	4.92	6.69	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:53:51	DataFile Name :	136CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.10	0.11	0.09	0.10	6.21	ppb
Lead	207-1	0.12	0.10	0.11	0.11	10.35	ppb
Lead	208-1	0.12	0.10	0.10	0.11	6.71	ppb
Lithium	6-1				80		%
Magnesium	24-2	4.63	4.40	4.51	4.51	2.60	ppb
Manganese	55-2	0.18	0.15	0.14	0.16	11.40	ppb
Molybdenum	94-1	0.29	0.28	0.30	0.29	3.14	ppb
Molybdenum	95-1	0.22	0.24	0.21	0.22	7.53	ppb
Molybdenum	96-1	0.24	0.21	0.25	0.23	9.23	ppb
Molybdenum	97-1	0.26	0.26	0.24	0.25	4.97	ppb
Molybdenum	98-1	0.26	0.21	0.22	0.23	11.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.05	-0.02	-0.02		ppb
Phosphorus	31-2	-15.63	-18.10	-17.39	-17.04		ppb
Potassium	39-2	1.11	2.05	4.05	2.40	62.49	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				74		%
Scandium	45-2				76		%
Selenium	82-1	0.28	-0.44	0.62	0.15	363.11	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.12	-0.73	0.24	-0.12		ppb
Silicon	28-1	-1.07	-1.09	-0.74	-0.97		ppb
Silver	107-1	0.06	0.04	0.04	0.04	20.60	ppb
Silver	109-1	0.05	0.04	0.03	0.04	18.75	ppb
Sodium	23-2	25.35	25.51	23.87	24.91	3.63	ppb
Strontium	86-1	0.29	0.25	0.20	0.24	20.02	ppb
Strontium	88-1	0.29	0.23	0.20	0.24	19.55	ppb
Sulfur	34-1	-0.57	17.10	86.83	34.45	134.13	ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	0.05	0.05	0.03	0.05	26.33	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	14.83	ppb
Tin	118-1	0.06	0.07	0.10	0.08	23.68	ppb
Titanium	47-1	0.13	0.13	0.16	0.14	12.44	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:53:51	DataFile Name :	136CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	30.62	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	62.30	ppb
Yttrium	89-1				82		%
Yttrium	89-2				82		%
Zinc	66-2	0.24	0.11	0.21	0.19	35.86	ppb
Zirconium	90-1	0.07	0.08	0.06	0.07	12.56	ppb
Zirconium	91-1	0.07	0.07	0.06	0.06	9.32	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-19	Instrumnet Name :	P7
Client Sample ID :	MYD398	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:57:08	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72819.86	74422.71	72729.05	73323.87	1.30	ppb
Antimony	121-1	3.46	3.46	3.52	3.48	1.05	ppb
Arsenic	75-2	228.01	228.54	222.65	226.40	1.44	ppb
Barium	135-1	1164.61	1181.25	1177.90	1174.58	0.75	ppb
Barium	137-1	1172.10	1158.04	1167.53	1165.89	0.62	ppb
Beryllium	9-1	4.05	3.92	4.00	3.99	1.71	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	18.33	20.84	18.99	19.39	6.70	ppb
Cadmium	106-1	25.14	25.71	24.62	25.16	2.18	ppb
Cadmium	111-1	15.56	15.73	15.77	15.69	0.71	ppb
Calcium	43-1	112645.39	113800.86	115506.67	113984.31	1.26	ppb
Calcium	44-1	112511.22	113235.56	114371.60	113372.79	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	166.93	166.89	165.82	166.55	0.38	ppb
Cobalt	59-2	69.21	69.94	69.35	69.50	0.56	ppb
Copper	63-2	2898.55	2917.75	2898.28	2904.86	0.38	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				94		%
Holmium	165-2				93		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	56-2	108661.60	109058.04	108513.88	108744.51	0.26	ppb
Iron	57-2	108743.07	109258.53	106749.22	108250.27	1.22	ppb
Iron	54-2	108337.17	108866.31	108147.17	108450.22	0.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-19	Instrumnet Name :	P7
Client Sample ID :	MYD398	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:57:08	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	577.52	587.71	586.70	583.98	0.96	ppb
Lead	207-1	592.13	591.40	590.15	591.23	0.17	ppb
Lead	208-1	581.70	584.46	586.62	584.26	0.42	ppb
Lithium	6-1				82		%
Magnesium	24-2	34476.02	34743.25	34281.59	34500.29	0.67	ppb
Manganese	55-2	3008.98	2992.31	2997.85	2999.71	0.28	ppb
Molybdenum	94-1	113.20	113.65	112.39	113.08	0.56	ppb
Molybdenum	95-1	1.61	1.58	1.64	1.61	1.82	ppb
Molybdenum	96-1	14.11	14.32	14.11	14.18	0.86	ppb
Molybdenum	97-1	1.59	1.67	1.61	1.62	2.51	ppb
Molybdenum	98-1	1.53	1.62	1.54	1.57	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	267.73	271.37	268.59	269.23	0.71	ppb
Phosphorus	31-2	5668.28	5726.87	5675.20	5690.12	0.56	ppb
Potassium	39-2	8416.26	8402.70	8267.67	8362.21	0.98	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	82-1	5.12	4.85	5.15	5.04	3.23	ppb
Selenium	77-2	39.30	32.66	31.36	34.44	12.35	ppb
Selenium	78-2	9.37	11.41	12.01	10.93	12.68	ppb
Silicon	28-1	2138.63	2167.59	2175.51	2160.57	0.90	ppb
Silver	107-1	7.61	7.54	7.44	7.53	1.12	ppb
Silver	109-1	7.43	7.52	7.38	7.44	0.92	ppb
Sodium	23-2	446.13	452.65	451.64	450.14	0.78	ppb
Strontium	86-1	334.15	333.85	333.86	333.95	0.05	ppb
Strontium	88-1	340.06	341.69	340.54	340.76	0.24	ppb
Sulfur	34-1	1641.24	1480.21	1548.56	1556.67	5.19	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.62	0.62	0.62	0.62	0.33	ppb
Thallium	205-1	0.58	0.62	0.61	0.60	3.56	ppb
Tin	118-1	11.90	12.02	12.15	12.02	1.04	ppb
Titanium	47-1	2362.93	2340.46	2368.63	2357.34	0.63	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-19	Instrumnet Name :	P7
Client Sample ID :	MYD398	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:57:08	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.90	1.92	1.93	1.92	0.60	ppb
Vanadium	51-2	170.46	172.28	171.22	171.32	0.54	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	1585.12	1582.90	1583.67	1583.90	0.07	ppb
Zirconium	90-1	62.49	63.36	62.96	62.94	0.69	ppb
Zirconium	91-1	62.29	63.27	62.75	62.77	0.78	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-20	Instrumnet Name :	P7
Client Sample ID :	MYD399	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:00:11	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61951.70	61676.00	62697.69	62108.46	0.85	ppb
Antimony	121-1	2.82	2.55	2.49	2.62	6.71	ppb
Arsenic	75-2	160.69	160.97	160.85	160.84	0.09	ppb
Barium	135-1	885.62	785.72	788.53	819.96	6.94	ppb
Barium	137-1	931.93	832.45	830.82	865.07	6.69	ppb
Beryllium	9-1	3.56	3.32	2.99	3.29	8.73	ppb
Bismuth	209-1				89		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	14.59	13.06	12.52	13.39	8.02	ppb
Cadmium	106-1	19.64	16.87	16.10	17.54	10.61	ppb
Cadmium	111-1	9.92	8.77	8.92	9.20	6.82	ppb
Calcium	43-1	217398.94	196584.58	200053.29	204678.93	5.45	ppb
Calcium	44-1	220940.94	197786.70	200067.10	206264.91	6.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.06	130.37	130.58	130.34	0.20	ppb
Cobalt	59-2	60.94	60.18	61.74	60.95	1.28	ppb
Copper	63-2	1390.90	1407.08	1401.14	1399.71	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				90		%
Holmium	165-2				93		%
Indium	115-1				82		%
Indium	115-2				83		%
Iron	56-2	101840.45	100717.59	101972.87	101510.30	0.68	ppb
Iron	57-2	101015.68	101323.77	101244.82	101194.76	0.16	ppb
Iron	54-2	100125.16	100521.13	101179.65	100608.64	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-20	Instrumnet Name :	P7
Client Sample ID :	MYD399	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:00:11	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	389.93	346.54	352.40	362.96	6.49	ppb
Lead	207-1	360.43	318.21	319.62	332.75	7.21	ppb
Lead	208-1	382.55	339.81	344.32	355.56	6.60	ppb
Lithium	6-1				79		%
Magnesium	24-2	29714.15	29776.35	29855.18	29781.89	0.24	ppb
Manganese	55-2	2679.14	2655.71	2672.65	2669.17	0.45	ppb
Molybdenum	94-1	117.72	106.03	107.72	110.49	5.72	ppb
Molybdenum	95-1	1.22	1.15	1.16	1.17	3.05	ppb
Molybdenum	96-1	14.17	12.85	12.97	13.33	5.45	ppb
Molybdenum	97-1	1.27	1.15	1.23	1.22	5.17	ppb
Molybdenum	98-1	1.25	1.18	1.11	1.18	5.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	218.34	218.83	220.10	219.09	0.41	ppb
Phosphorus	31-2	4981.41	4935.88	4971.60	4962.96	0.48	ppb
Potassium	39-2	8188.07	8004.48	8030.53	8074.36	1.23	ppb
Rhodium	103-1				78		%
Rhodium	103-2				82		%
Scandium	45-1				78		%
Scandium	45-2				81		%
Selenium	82-1	3.55	4.11	2.57	3.41	22.93	ppb
Selenium	77-2	36.34	27.79	32.00	32.04	13.34	ppb
Selenium	78-2	6.78	7.74	7.90	7.47	8.15	ppb
Silicon	28-1	2550.72	2288.20	2332.69	2390.54	5.88	ppb
Silver	107-1	3.44	2.99	3.07	3.16	7.66	ppb
Silver	109-1	3.35	2.91	2.96	3.07	7.90	ppb
Sodium	23-2	357.94	356.31	359.32	357.86	0.42	ppb
Strontium	86-1	392.59	352.40	359.65	368.21	5.82	ppb
Strontium	88-1	397.30	357.86	361.12	372.09	5.88	ppb
Sulfur	34-1	1634.98	780.53	832.81	1082.77	44.23	ppb
Terbium	159-1				90		%
Terbium	159-2				92		%
Thallium	203-1	0.47	0.42	0.44	0.44	6.00	ppb
Thallium	205-1	0.47	0.43	0.43	0.45	5.52	ppb
Tin	118-1	8.48	7.69	7.65	7.94	5.88	ppb
Titanium	47-1	2510.75	2216.48	2277.12	2334.78	6.66	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-20	Instrumnet Name :	P7
Client Sample ID :	MYD399	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:00:11	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.16	1.91	1.91	1.99	7.03	ppb
Vanadium	51-2	168.40	166.68	167.76	167.62	0.52	ppb
Yttrium	89-1				88		%
Yttrium	89-2				89		%
Zinc	66-2	851.50	847.11	852.29	850.30	0.33	ppb
Zirconium	90-1	66.53	59.25	60.27	62.01	6.36	ppb
Zirconium	91-1	64.86	58.85	59.74	61.15	5.30	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-21	Instrumnet Name :	P7
Client Sample ID :	MYD3A0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:03:16	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64126.88	64579.61	64494.39	64400.29	0.37	ppb
Antimony	121-1	2.24	2.27	2.30	2.27	1.36	ppb
Arsenic	75-2	159.13	158.61	160.31	159.35	0.55	ppb
Barium	135-1	846.12	841.31	853.64	847.02	0.73	ppb
Barium	137-1	888.32	889.16	902.53	893.34	0.89	ppb
Beryllium	9-1	3.33	3.38	3.29	3.33	1.28	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	11.83	12.83	12.71	12.45	4.38	ppb
Cadmium	106-1	15.02	15.23	16.93	15.72	6.66	ppb
Cadmium	111-1	8.69	8.39	8.69	8.59	2.04	ppb
Calcium	43-1	187516.78	187089.55	190723.11	188443.15	1.05	ppb
Calcium	44-1	186675.65	186480.46	189530.21	187562.11	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139.18	142.36	141.09	140.88	1.14	ppb
Cobalt	59-2	61.02	61.70	61.47	61.40	0.56	ppb
Copper	63-2	1465.68	1502.28	1484.26	1484.08	1.23	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				95		%
Holmium	165-2				93		%
Indium	115-1				85		%
Indium	115-2				83		%
Iron	56-2	93764.44	94855.59	95191.42	94603.82	0.79	ppb
Iron	57-2	92717.70	95862.49	94622.69	94400.96	1.68	ppb
Iron	54-2	93484.20	93684.90	93751.08	93640.06	0.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-21	Instrumnet Name :	P7
Client Sample ID :	MYD3A0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:03:16	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	358.73	364.70	363.14	362.19	0.86	ppb
Lead	207-1	326.86	331.18	329.40	329.15	0.66	ppb
Lead	208-1	351.38	357.21	357.29	355.29	0.95	ppb
Lithium	6-1				81		%
Magnesium	24-2	31179.14	31367.32	31360.64	31302.36	0.34	ppb
Manganese	55-2	2868.11	2899.77	2916.12	2894.67	0.84	ppb
Molybdenum	94-1	96.62	96.80	97.65	97.02	0.57	ppb
Molybdenum	95-1	0.97	1.00	0.97	0.98	1.96	ppb
Molybdenum	96-1	11.61	11.52	11.72	11.62	0.87	ppb
Molybdenum	97-1	1.00	1.04	1.03	1.03	1.86	ppb
Molybdenum	98-1	0.98	0.98	0.97	0.97	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	233.63	236.25	235.66	235.18	0.58	ppb
Phosphorus	31-2	5133.39	5201.31	5289.06	5207.92	1.50	ppb
Potassium	39-2	9158.15	9197.54	9260.02	9205.24	0.56	ppb
Rhodium	103-1				81		%
Rhodium	103-2				81		%
Scandium	45-1				80		%
Scandium	45-2				81		%
Selenium	82-1	3.28	4.24	3.74	3.75	12.76	ppb
Selenium	77-2	32.67	25.71	30.27	29.55	11.97	ppb
Selenium	78-2	9.67	7.25	7.26	8.06	17.31	ppb
Silicon	28-1	2232.17	2216.83	2251.70	2233.57	0.78	ppb
Silver	107-1	3.58	3.71	3.64	3.64	1.88	ppb
Silver	109-1	3.55	3.55	3.60	3.57	0.74	ppb
Sodium	23-2	360.45	368.09	369.47	366.00	1.33	ppb
Strontium	86-1	363.22	359.04	366.68	362.98	1.05	ppb
Strontium	88-1	362.08	358.58	369.35	363.34	1.51	ppb
Sulfur	34-1	981.40	936.77	984.23	967.47	2.75	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	0.42	0.41	0.42	0.42	1.06	ppb
Thallium	205-1	0.43	0.41	0.44	0.43	3.56	ppb
Tin	118-1	7.71	7.88	8.01	7.87	1.93	ppb
Titanium	47-1	2162.79	2185.61	2192.96	2180.45	0.72	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-21	Instrumnet Name :	P7
Client Sample ID :	MYD3A0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:03:16	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.91	1.91	1.92	1.92	0.35	ppb
Vanadium	51-2	154.37	156.30	155.55	155.41	0.63	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	918.78	928.12	931.86	926.25	0.73	ppb
Zirconium	90-1	53.84	54.34	55.12	54.43	1.18	ppb
Zirconium	91-1	53.39	54.21	54.11	53.90	0.82	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-22	Instrumnet Name :	P7
Client Sample ID :	MYD3A1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:06:22	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65365.90	66096.73	66105.54	65856.06	0.64	ppb
Antimony	121-1	2.91	2.83	2.93	2.89	1.72	ppb
Arsenic	75-2	150.79	150.43	152.28	151.17	0.65	ppb
Barium	135-1	790.65	795.03	801.28	795.65	0.67	ppb
Barium	137-1	830.26	841.98	851.03	841.09	1.24	ppb
Beryllium	9-1	3.14	3.38	3.13	3.22	4.39	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	12.28	12.81	12.17	12.42	2.77	ppb
Cadmium	106-1	16.27	14.82	14.54	15.21	6.09	ppb
Cadmium	111-1	9.03	8.65	8.82	8.83	2.19	ppb
Calcium	43-1	200384.67	203977.94	203647.64	202670.09	0.98	ppb
Calcium	44-1	200907.90	205060.91	203696.71	203221.84	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	151.82	154.76	151.96	152.85	1.08	ppb
Cobalt	59-2	59.73	60.66	59.89	60.10	0.83	ppb
Copper	63-2	1438.67	1475.62	1473.00	1462.43	1.41	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				94		%
Holmium	165-2				93		%
Indium	115-1				85		%
Indium	115-2				83		%
Iron	56-2	96606.41	97431.40	97048.95	97028.92	0.43	ppb
Iron	57-2	96634.40	97498.35	96853.87	96995.54	0.46	ppb
Iron	54-2	96454.18	97358.01	96651.36	96821.18	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-22	Instrumnet Name :	P7
Client Sample ID :	MYD3A1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:06:22	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	358.12	353.64	365.76	359.18	1.71	ppb
Lead	207-1	325.07	323.06	328.63	325.58	0.87	ppb
Lead	208-1	349.86	349.09	352.98	350.64	0.59	ppb
Lithium	6-1				81		%
Magnesium	24-2	31837.25	31821.67	31596.39	31751.77	0.42	ppb
Manganese	55-2	2594.39	2587.05	2567.97	2583.13	0.53	ppb
Molybdenum	94-1	93.57	95.83	94.68	94.70	1.19	ppb
Molybdenum	95-1	1.18	1.22	1.23	1.21	2.55	ppb
Molybdenum	96-1	11.58	11.84	11.76	11.73	1.10	ppb
Molybdenum	97-1	1.24	1.18	1.26	1.23	3.63	ppb
Molybdenum	98-1	1.13	1.19	1.16	1.16	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	231.69	235.07	234.75	233.84	0.80	ppb
Phosphorus	31-2	5120.14	5247.18	5117.33	5161.55	1.44	ppb
Potassium	39-2	8751.05	8849.97	8723.56	8774.86	0.76	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				80		%
Scandium	45-2				81		%
Selenium	82-1	3.37	4.35	3.76	3.82	12.94	ppb
Selenium	77-2	30.79	33.69	24.66	29.71	15.53	ppb
Selenium	78-2	8.39	5.36	8.24	7.33	23.30	ppb
Silicon	28-1	1819.15	1847.48	1856.39	1841.01	1.06	ppb
Silver	107-1	3.50	3.44	3.52	3.49	1.11	ppb
Silver	109-1	3.43	3.44	3.56	3.48	2.10	ppb
Sodium	23-2	356.45	364.15	361.00	360.54	1.07	ppb
Strontium	86-1	359.22	368.29	365.14	364.22	1.26	ppb
Strontium	88-1	368.05	367.49	366.23	367.26	0.25	ppb
Sulfur	34-1	890.36	919.08	975.86	928.43	4.69	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	0.43	0.41	0.42	0.42	2.41	ppb
Thallium	205-1	0.43	0.42	0.41	0.42	1.76	ppb
Tin	118-1	7.96	7.98	8.10	8.01	0.93	ppb
Titanium	47-1	2162.67	2182.47	2232.82	2192.65	1.65	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-22	Instrumnet Name :	P7
Client Sample ID :	MYD3A1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:06:22	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.98	1.98	2.00	1.99	0.67	ppb
Vanadium	51-2	153.92	156.24	155.34	155.17	0.75	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	942.00	955.96	950.94	949.64	0.75	ppb
Zirconium	90-1	52.57	53.33	53.03	52.98	0.72	ppb
Zirconium	91-1	52.03	52.95	52.94	52.64	1.00	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P7
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:09:25	DataFile Name :	141CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48124.03	47857.01	49389.95	48457.00	1.69	ppb
Antimony	121-1	497.45	503.36	493.34	498.05	1.01	ppb
Arsenic	75-2	492.41	497.47	503.04	497.64	1.07	ppb
Barium	135-1	2512.33	2530.31	2478.08	2506.91	1.06	ppb
Barium	137-1	2510.16	2531.15	2487.91	2509.74	0.86	ppb
Beryllium	9-1	508.65	508.85	513.76	510.42	0.57	ppb
Bismuth	209-1				86		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	492.03	495.40	489.88	492.44	0.56	ppb
Cadmium	106-1	502.04	495.66	496.07	497.92	0.72	ppb
Cadmium	111-1	493.51	496.37	490.31	493.40	0.61	ppb
Calcium	43-1	249236.75	252050.48	251760.89	251016.04	0.62	ppb
Calcium	44-1	247697.57	250035.06	251320.36	249684.33	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.24	514.21	521.29	515.91	0.92	ppb
Cobalt	59-2	522.77	519.15	526.00	522.64	0.66	ppb
Copper	63-2	5165.67	5163.93	5224.73	5184.78	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				90		%
Holmium	165-2				88		%
Indium	115-1				79		%
Indium	115-2				76		%
Iron	56-2	131038.14	130593.59	134108.72	131913.48	1.45	ppb
Iron	57-2	131432.88	130798.74	133206.35	131812.65	0.95	ppb
Iron	54-2	130834.12	129903.12	132912.09	131216.44	1.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P7
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:09:25	DataFile Name :	141CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2606.88	2561.30	2588.49	2585.56	0.89	ppb
Lead	207-1	2582.90	2548.23	2592.55	2574.56	0.91	ppb
Lead	208-1	2596.67	2561.08	2612.04	2589.93	1.01	ppb
Lithium	6-1				75		%
Magnesium	24-2	241316.48	240735.35	244768.91	242273.58	0.90	ppb
Manganese	55-2	5119.00	5061.77	5209.35	5130.04	1.45	ppb
Molybdenum	94-1	5064.43	5110.93	5141.51	5105.62	0.76	ppb
Molybdenum	95-1	5035.65	5081.19	5108.27	5075.04	0.72	ppb
Molybdenum	96-1	5060.16	5111.73	5128.54	5100.14	0.70	ppb
Molybdenum	97-1	5058.16	5073.86	5092.46	5074.83	0.34	ppb
Molybdenum	98-1	5069.10	5117.66	5152.54	5113.10	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.68	519.57	521.61	519.95	0.29	ppb
Phosphorus	31-2	9771.60	9713.49	9805.79	9763.63	0.48	ppb
Potassium	39-2	121509.61	122562.94	124227.37	122766.64	1.12	ppb
Rhodium	103-1				74		%
Rhodium	103-2				73		%
Scandium	45-1				72		%
Scandium	45-2				71		%
Selenium	82-1	499.37	501.91	506.65	502.64	0.74	ppb
Selenium	77-2	491.93	505.59	518.25	505.26	2.61	ppb
Selenium	78-2	491.11	512.40	513.17	505.56	2.48	ppb
Silicon	28-1	609.73	612.48	618.67	613.63	0.75	ppb
Silver	107-1	486.52	488.61	477.05	484.06	1.27	ppb
Silver	109-1	480.98	479.05	472.35	477.46	0.95	ppb
Sodium	23-2	244646.80	244097.77	249873.56	246206.05	1.29	ppb
Strontium	86-1	12504.41	12668.55	12602.44	12591.80	0.66	ppb
Strontium	88-1	12513.21	12677.27	12726.58	12639.02	0.88	ppb
Sulfur	34-1	9953.42	10096.32	10125.70	10058.48	0.92	ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	523.66	521.69	529.95	525.10	0.82	ppb
Thallium	205-1	516.70	514.76	520.90	517.46	0.61	ppb
Tin	118-1	492.79	502.80	493.31	496.30	1.14	ppb
Titanium	47-1	5020.16	5031.94	5096.90	5049.66	0.82	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P7
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:09:25	DataFile Name :	141CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	518.24	523.56	535.96	525.92	1.73	ppb
Vanadium	51-2	520.50	516.21	523.52	520.08	0.71	ppb
Yttrium	89-1				80		%
Yttrium	89-2				77		%
Zinc	66-2	5187.35	5202.91	5278.05	5222.77	0.93	ppb
Zirconium	90-1	504.91	513.17	508.86	508.98	0.81	ppb
Zirconium	91-1	504.73	511.52	513.72	509.99	0.92	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P7
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:12:14	DataFile Name :	142CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.55	1.49	1.52	1.52	1.91	ppb
Antimony	121-1	0.36	0.36	0.39	0.37	4.11	ppb
Arsenic	75-2	0.06	0.00	0.06	0.04	78.38	ppb
Barium	135-1	0.09	0.04	0.06	0.06	42.05	ppb
Barium	137-1	0.04	0.04	0.03	0.04	13.32	ppb
Beryllium	9-1	0.09	0.06	0.07	0.07	19.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.00	0.10	0.06	80.46	ppb
Cadmium	106-1	-2.04	-1.71	-0.12	-1.29		ppb
Cadmium	111-1	-0.13	-0.08	0.00	-0.07		ppb
Calcium	43-1	1.46	1.69	-0.49	0.89	134.95	ppb
Calcium	44-1	6.15	4.72	3.96	4.94	22.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	0.01	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.26	0.25	0.24	0.25	3.66	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				93		%
Holmium	165-2				92		%
Indium	115-1				86		%
Indium	115-2				84		%
Iron	56-2	5.63	6.17	6.93	6.24	10.46	ppb
Iron	57-2	5.24	2.06	4.60	3.96	42.45	ppb
Iron	54-2	6.55	4.71	5.89	5.72	16.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P7
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:12:14	DataFile Name :	142CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.10	0.08	0.09	10.06	ppb
Lead	207-1	0.13	0.10	0.09	0.10	20.67	ppb
Lead	208-1	0.12	0.10	0.09	0.10	13.90	ppb
Lithium	6-1				82		%
Magnesium	24-2	6.62	6.90	8.70	7.41	15.27	ppb
Manganese	55-2	0.14	0.17	0.22	0.17	22.68	ppb
Molybdenum	94-1	0.30	0.33	0.36	0.33	8.73	ppb
Molybdenum	95-1	0.24	0.20	0.21	0.22	7.85	ppb
Molybdenum	96-1	0.23	0.20	0.24	0.23	9.01	ppb
Molybdenum	97-1	0.22	0.22	0.22	0.22	1.49	ppb
Molybdenum	98-1	0.24	0.23	0.22	0.23	4.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.04	-0.02	-0.01		ppb
Phosphorus	31-2	-17.48	-9.23	-15.62	-14.11		ppb
Potassium	39-2	1.08	3.39	1.18	1.88	69.37	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				75		%
Scandium	45-2				76		%
Selenium	82-1	-0.97	-0.37	0.04	-0.43		ppb
Selenium	77-2	0.00	0.46	0.00	0.15	173.21	ppb
Selenium	78-2	-0.06	0.82	-0.82	-0.02		ppb
Silicon	28-1	-1.18	-0.94	-0.84	-0.99		ppb
Silver	107-1	0.05	0.05	0.04	0.05	12.39	ppb
Silver	109-1	0.05	0.04	0.04	0.04	14.83	ppb
Sodium	23-2	29.49	27.13	26.99	27.87	5.04	ppb
Strontium	86-1	0.21	0.18	0.18	0.19	9.48	ppb
Strontium	88-1	0.25	0.17	0.18	0.20	22.62	ppb
Sulfur	34-1	-98.59	-129.83	-61.45	-96.62		ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	0.06	0.05	0.03	0.05	27.24	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	13.14	ppb
Tin	118-1	0.05	0.10	0.11	0.09	35.03	ppb
Titanium	47-1	0.12	0.23	0.12	0.15	40.40	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P7
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:12:14	DataFile Name :	142CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.00	0.01	48.92	ppb
Vanadium	51-2	0.02	0.01	0.03	0.02	34.73	ppb
Yttrium	89-1				84		%
Yttrium	89-2				82		%
Zinc	66-2	0.03	0.37	0.10	0.17	109.78	ppb
Zirconium	90-1	0.07	0.08	0.08	0.08	6.24	ppb
Zirconium	91-1	0.09	0.04	0.09	0.07	40.60	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:15:31	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10601.77	10423.87	10400.79	10475.48	1.05	ppb
Antimony	121-1	16.01	16.05	16.60	16.22	2.04	ppb
Arsenic	75-2	60.71	61.14	61.00	60.95	0.36	ppb
Barium	135-1	72.24	72.85	74.75	73.28	1.79	ppb
Barium	137-1	74.39	73.72	74.76	74.29	0.71	ppb
Beryllium	9-1	0.42	0.44	0.43	0.43	2.94	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.80	0.68	0.91	0.80	14.31	ppb
Cadmium	106-1	1.34	0.30	0.56	0.73	74.10	ppb
Cadmium	111-1	0.62	0.59	0.62	0.61	2.43	ppb
Calcium	43-1	5091.55	4980.06	4932.27	5001.29	1.63	ppb
Calcium	44-1	5090.58	4975.28	4964.77	5010.21	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.86	11.80	11.77	11.81	0.39	ppb
Cobalt	59-2	9.62	9.37	9.37	9.45	1.52	ppb
Copper	63-2	46.42	45.90	45.58	45.97	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				93		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	28844.48	28393.91	28311.60	28516.66	1.01	ppb
Iron	57-2	30010.84	29597.15	29462.88	29690.29	0.96	ppb
Iron	54-2	28649.39	28581.80	28328.36	28519.85	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:15:31	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.56	41.53	42.01	42.03	1.22	ppb
Lead	207-1	46.05	44.81	43.18	44.68	3.23	ppb
Lead	208-1	44.01	43.19	42.76	43.32	1.46	ppb
Lithium	6-1				82		%
Magnesium	24-2	3907.00	3857.45	3819.23	3861.23	1.14	ppb
Manganese	55-2	419.93	414.51	414.70	416.38	0.74	ppb
Molybdenum	94-1	4.89	4.82	4.69	4.80	2.17	ppb
Molybdenum	95-1	0.38	0.42	0.42	0.41	6.42	ppb
Molybdenum	96-1	1.15	1.07	1.04	1.09	4.99	ppb
Molybdenum	97-1	0.37	0.42	0.38	0.39	6.89	ppb
Molybdenum	98-1	0.40	0.39	0.38	0.39	3.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.69	17.42	17.30	17.47	1.14	ppb
Phosphorus	31-2	918.24	932.13	878.76	909.71	3.04	ppb
Potassium	39-2	2080.48	2039.16	2046.79	2055.48	1.07	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				79		%
Scandium	45-2				81		%
Selenium	82-1	0.22	0.53	0.96	0.57	64.87	ppb
Selenium	77-2	3.43	4.32	2.14	3.29	33.23	ppb
Selenium	78-2	1.70	-0.30	0.17	0.52	201.34	ppb
Silicon	28-1	423.47	411.90	413.87	416.41	1.49	ppb
Silver	107-1	0.27	0.25	0.27	0.26	5.37	ppb
Silver	109-1	0.28	0.28	0.28	0.28	1.08	ppb
Sodium	23-2	78.13	75.87	74.56	76.19	2.37	ppb
Strontium	86-1	19.31	18.80	18.54	18.88	2.08	ppb
Strontium	88-1	19.27	18.86	18.95	19.02	1.13	ppb
Sulfur	34-1	205.72	11.04	-133.68	27.69	615.07	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.08	0.08	0.09	0.08	5.09	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	6.31	ppb
Tin	118-1	0.50	0.48	0.55	0.51	7.65	ppb
Titanium	47-1	433.96	422.15	416.25	424.12	2.13	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:15:31	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.23	0.22	0.23	3.23	ppb
Vanadium	51-2	51.74	50.04	50.38	50.72	1.78	ppb
Yttrium	89-1				87		%
Yttrium	89-2				88		%
Zinc	66-2	175.07	170.08	170.75	171.97	1.58	ppb
Zirconium	90-1	2.50	2.46	2.53	2.50	1.43	ppb
Zirconium	91-1	2.54	2.70	2.43	2.56	5.36	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:18:48	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10420.20	10382.70	10376.75	10393.22	0.23	ppb
Antimony	121-1	0.77	0.87	0.85	0.83	5.83	ppb
Arsenic	75-2	63.15	59.70	61.20	61.35	2.82	ppb
Barium	135-1	72.35	75.54	77.26	75.05	3.32	ppb
Barium	137-1	73.43	76.49	75.85	75.26	2.15	ppb
Beryllium	9-1	0.36	0.37	0.37	0.37	1.79	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.29	0.66	0.93	0.96	32.82	ppb
Cadmium	106-1	-0.01	0.16	0.64	0.26	127.95	ppb
Cadmium	111-1	0.47	0.55	0.55	0.53	8.96	ppb
Calcium	43-1	3978.79	3900.59	3927.26	3935.54	1.01	ppb
Calcium	44-1	3924.09	3904.32	3943.19	3923.87	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.01	12.12	11.84	11.99	1.18	ppb
Cobalt	59-2	9.51	9.44	9.26	9.40	1.37	ppb
Copper	63-2	46.04	46.36	46.08	46.16	0.38	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				95		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	28298.74	28167.55	27936.05	28134.12	0.65	ppb
Iron	57-2	29514.09	29533.39	29300.29	29449.25	0.44	ppb
Iron	54-2	28327.20	27919.40	27912.93	28053.18	0.85	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:18:48	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.75	41.98	42.67	42.14	1.13	ppb
Lead	207-1	44.95	44.77	44.04	44.59	1.09	ppb
Lead	208-1	42.99	43.67	42.86	43.17	1.01	ppb
Lithium	6-1				84		%
Magnesium	24-2	3852.99	3841.26	3816.49	3836.91	0.49	ppb
Manganese	55-2	421.02	419.66	418.08	419.58	0.35	ppb
Molybdenum	94-1	4.35	4.63	4.40	4.46	3.33	ppb
Molybdenum	95-1	0.34	0.33	0.36	0.35	4.87	ppb
Molybdenum	96-1	1.04	1.02	1.00	1.02	2.22	ppb
Molybdenum	97-1	0.38	0.39	0.35	0.37	5.94	ppb
Molybdenum	98-1	0.32	0.36	0.38	0.35	9.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.05	9.87	10.45	10.12	2.92	ppb
Phosphorus	31-2	717.35	691.02	671.70	693.36	3.30	ppb
Potassium	39-2	1782.11	1767.76	1771.41	1773.76	0.42	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	82-1	0.37	0.46	0.76	0.53	38.31	ppb
Selenium	77-2	2.98	5.84	1.28	3.37	68.35	ppb
Selenium	78-2	0.66	0.17	2.20	1.01	105.17	ppb
Silicon	28-1	424.02	416.44	424.79	421.75	1.09	ppb
Silver	107-1	0.25	0.24	0.27	0.25	4.73	ppb
Silver	109-1	0.22	0.26	0.25	0.25	8.50	ppb
Sodium	23-2	68.32	70.94	68.01	69.09	2.33	ppb
Strontium	86-1	19.10	18.73	18.50	18.78	1.62	ppb
Strontium	88-1	18.83	19.08	18.67	18.86	1.09	ppb
Sulfur	34-1	-323.95	-346.96	-500.53	-390.48		ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.07	0.08	0.07	0.08	3.07	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	1.22	ppb
Tin	118-1	0.49	0.52	0.58	0.53	8.59	ppb
Titanium	47-1	415.30	410.22	414.58	413.37	0.67	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:18:48	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.23	0.22	0.22	1.69	ppb
Vanadium	51-2	50.86	50.94	50.65	50.82	0.29	ppb
Yttrium	89-1				89		%
Yttrium	89-2				89		%
Zinc	66-2	168.33	171.68	170.03	170.01	0.99	ppb
Zirconium	90-1	2.37	2.38	2.40	2.38	0.70	ppb
Zirconium	91-1	2.41	2.39	2.39	2.40	0.33	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4R7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:22:03	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2104.95	2084.93	2084.65	2091.51	0.56	ppb
Antimony	121-1	3.18	3.16	3.29	3.21	2.27	ppb
Arsenic	75-2	12.11	12.63	12.97	12.57	3.46	ppb
Barium	135-1	14.69	14.58	14.26	14.51	1.54	ppb
Barium	137-1	14.51	14.82	14.98	14.77	1.64	ppb
Beryllium	9-1	0.09	0.07	0.13	0.10	29.72	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.12	0.18	0.14	25.31	ppb
Cadmium	106-1	-1.31	-1.61	-1.33	-1.42		ppb
Cadmium	111-1	0.01	-0.02	0.02	0.00	1007.55	ppb
Calcium	43-1	983.36	993.71	989.92	989.00	0.53	ppb
Calcium	44-1	994.92	990.23	1002.69	995.95	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.37	2.36	2.24	2.32	3.08	ppb
Cobalt	59-2	1.97	1.86	1.92	1.92	3.10	ppb
Copper	63-2	9.24	9.31	8.97	9.17	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				94		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	5711.14	5669.34	5574.83	5651.77	1.24	ppb
Iron	57-2	5968.44	5898.73	5827.25	5898.14	1.20	ppb
Iron	54-2	6010.66	5921.06	5923.25	5951.66	0.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4R7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:22:03	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.28	8.33	8.38	8.33	0.63	ppb
Lead	207-1	8.68	8.80	8.73	8.74	0.71	ppb
Lead	208-1	8.45	8.57	8.58	8.54	0.83	ppb
Lithium	6-1				83		%
Magnesium	24-2	772.78	759.97	760.54	764.43	0.95	ppb
Manganese	55-2	84.53	82.33	82.82	83.23	1.39	ppb
Molybdenum	94-1	0.94	0.97	0.87	0.92	5.64	ppb
Molybdenum	95-1	0.09	0.09	0.07	0.08	13.64	ppb
Molybdenum	96-1	0.22	0.23	0.21	0.22	5.23	ppb
Molybdenum	97-1	0.07	0.08	0.07	0.07	6.36	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.07	10.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.46	3.41	3.56	3.48	2.19	ppb
Phosphorus	31-2	156.13	161.73	155.30	157.72	2.22	ppb
Potassium	39-2	407.82	396.50	397.55	400.62	1.56	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				80		%
Scandium	45-2				81		%
Selenium	82-1	0.03	0.23	0.58	0.28	98.94	ppb
Selenium	77-2	0.00	0.00	0.44	0.15	173.21	ppb
Selenium	78-2	0.24	2.55	-1.16	0.54	347.66	ppb
Silicon	28-1	81.27	81.43	82.45	81.72	0.78	ppb
Silver	107-1	0.05	0.05	0.06	0.05	8.66	ppb
Silver	109-1	0.04	0.05	0.04	0.04	8.71	ppb
Sodium	23-2	22.96	21.78	21.48	22.07	3.54	ppb
Strontium	86-1	3.92	3.84	3.86	3.87	1.14	ppb
Strontium	88-1	3.78	3.81	3.81	3.80	0.44	ppb
Sulfur	34-1	-635.67	-708.96	-665.77	-670.13		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.01	0.01	0.01	31.11	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	71.78	ppb
Tin	118-1	0.12	0.16	0.13	0.14	17.29	ppb
Titanium	47-1	83.80	84.87	83.58	84.08	0.82	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4R7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:22:03	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	7.41	ppb
Vanadium	51-2	10.56	10.26	9.95	10.26	2.96	ppb
Yttrium	89-1				87		%
Yttrium	89-2				87		%
Zinc	66-2	34.13	33.97	33.13	33.74	1.59	ppb
Zirconium	90-1	0.45	0.49	0.49	0.48	4.72	ppb
Zirconium	91-1	0.50	0.54	0.48	0.51	5.79	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:25:21	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10372.06	10566.36	10578.39	10505.61	1.10	ppb
Antimony	121-1	15.87	16.02	16.17	16.02	0.96	ppb
Arsenic	75-2	68.43	68.71	68.10	68.41	0.44	ppb
Barium	135-1	363.45	365.89	367.58	365.64	0.57	ppb
Barium	137-1	366.49	366.62	371.24	368.12	0.74	ppb
Beryllium	9-1	8.33	8.05	8.24	8.20	1.75	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.21	8.33	8.83	8.46	3.88	ppb
Cadmium	106-1	7.74	6.83	6.42	6.99	9.64	ppb
Cadmium	111-1	8.12	8.27	8.32	8.23	1.24	ppb
Calcium	43-1	3955.74	3995.24	4004.68	3985.22	0.65	ppb
Calcium	44-1	3927.04	3949.97	4007.16	3961.39	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.23	44.65	44.37	44.42	0.47	ppb
Cobalt	59-2	90.01	91.25	90.34	90.54	0.71	ppb
Copper	63-2	83.92	85.92	84.81	84.88	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				95		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	28952.52	29166.40	28955.54	29024.82	0.42	ppb
Iron	57-2	29983.40	30451.76	30278.80	30237.99	0.78	ppb
Iron	54-2	29269.87	29072.68	29060.48	29134.34	0.40	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:25:21	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.10	46.09	46.14	45.78	1.27	ppb
Lead	207-1	48.37	48.25	48.12	48.24	0.26	ppb
Lead	208-1	46.35	46.72	46.86	46.64	0.57	ppb
Lithium	6-1				85		%
Magnesium	24-2	3860.00	3926.33	3879.75	3888.69	0.88	ppb
Manganese	55-2	499.64	505.54	503.34	502.84	0.59	ppb
Molybdenum	94-1	4.50	4.36	4.37	4.41	1.76	ppb
Molybdenum	95-1	0.41	0.43	0.40	0.41	3.74	ppb
Molybdenum	96-1	1.05	1.06	1.06	1.06	0.80	ppb
Molybdenum	97-1	0.37	0.36	0.37	0.37	0.79	ppb
Molybdenum	98-1	0.37	0.38	0.37	0.37	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.77	92.36	93.89	92.34	1.69	ppb
Phosphorus	31-2	715.73	715.56	658.39	696.56	4.75	ppb
Potassium	39-2	1789.16	1815.16	1793.52	1799.28	0.77	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				82		%
Scandium	45-2				82		%
Selenium	82-1	16.80	16.95	17.64	17.13	2.62	ppb
Selenium	77-2	18.67	23.49	18.19	20.12	14.56	ppb
Selenium	78-2	14.97	17.08	21.66	17.90	19.10	ppb
Silicon	28-1	352.02	354.17	358.29	354.82	0.90	ppb
Silver	107-1	7.91	8.14	8.14	8.06	1.65	ppb
Silver	109-1	8.17	8.07	8.05	8.10	0.77	ppb
Sodium	23-2	61.92	61.16	62.59	61.89	1.15	ppb
Strontium	86-1	18.89	19.10	19.60	19.20	1.89	ppb
Strontium	88-1	18.97	18.96	18.99	18.97	0.10	ppb
Sulfur	34-1	-633.51	-728.46	-770.00	-710.66		ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	6.86	6.88	7.08	6.94	1.74	ppb
Thallium	205-1	6.67	6.68	6.67	6.67	0.09	ppb
Tin	118-1	0.54	0.53	0.55	0.54	1.31	ppb
Titanium	47-1	408.62	411.66	417.60	412.63	1.11	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:25:21	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.23	0.24	0.23	0.80	ppb
Vanadium	51-2	127.92	130.80	129.53	129.42	1.11	ppb
Yttrium	89-1				89		%
Yttrium	89-2				89		%
Zinc	66-2	250.15	251.00	252.44	251.20	0.46	ppb
Zirconium	90-1	2.39	2.30	2.32	2.34	1.92	ppb
Zirconium	91-1	2.24	2.37	2.33	2.31	2.93	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:28:35	DataFile Name :	147SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11750.88	13749.98	11696.51	12399.13	9.44	ppb
Antimony	121-1	78.05	77.30	78.60	77.98	0.84	ppb
Arsenic	75-2	92.72	109.38	92.61	98.24	9.82	ppb
Barium	135-1	1563.27	1564.10	1592.61	1573.33	1.06	ppb
Barium	137-1	1565.17	1559.67	1590.14	1571.66	1.03	ppb
Beryllium	9-1	38.79	38.98	39.04	38.94	0.32	ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	36.55	37.71	35.80	36.69	2.62	ppb
Cadmium	106-1	31.16	33.15	34.19	32.83	4.69	ppb
Cadmium	111-1	39.32	39.58	40.62	39.84	1.73	ppb
Calcium	43-1	3920.75	4042.78	4001.98	3988.50	1.56	ppb
Calcium	44-1	3979.91	4031.24	4018.91	4010.02	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	169.00	197.59	167.44	178.01	9.53	ppb
Cobalt	59-2	407.07	473.85	401.81	427.58	9.39	ppb
Copper	63-2	237.81	277.06	234.84	249.90	9.43	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				94		%
Holmium	165-2				90		%
Indium	115-1				89		%
Indium	115-2				83		%
Iron	56-2	29989.89	34791.71	29302.05	31361.22	9.54	ppb
Iron	57-2	31364.88	36166.96	30917.73	32816.52	8.87	ppb
Iron	54-2	29650.32	34794.60	29817.90	31420.94	9.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:28:35	DataFile Name :	147SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.14	57.67	57.40	57.40	0.46	ppb
Lead	207-1	58.59	59.05	58.76	58.80	0.39	ppb
Lead	208-1	57.77	58.08	57.77	57.87	0.31	ppb
Lithium	6-1				83		%
Magnesium	24-2	3932.66	4566.15	3893.95	4130.92	9.14	ppb
Manganese	55-2	818.00	942.57	800.98	853.85	9.05	ppb
Molybdenum	94-1	4.57	4.38	4.47	4.47	2.22	ppb
Molybdenum	95-1	0.39	0.40	0.37	0.39	3.73	ppb
Molybdenum	96-1	1.08	1.02	1.13	1.08	5.19	ppb
Molybdenum	97-1	0.34	0.35	0.42	0.37	11.72	ppb
Molybdenum	98-1	0.37	0.36	0.36	0.36	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	414.98	482.04	411.05	436.02	9.15	ppb
Phosphorus	31-2	714.08	859.00	697.70	756.93	11.73	ppb
Potassium	39-2	1829.79	2131.21	1806.67	1922.56	9.42	ppb
Rhodium	103-1				87		%
Rhodium	103-2				84		%
Scandium	45-1				80		%
Scandium	45-2				77		%
Selenium	82-1	84.71	86.14	88.62	86.49	2.29	ppb
Selenium	77-2	92.57	102.00	85.29	93.29	8.98	ppb
Selenium	78-2	87.23	95.64	81.37	88.08	8.14	ppb
Silicon	28-1	361.50	367.10	365.46	364.69	0.79	ppb
Silver	107-1	36.79	31.59	32.19	33.52	8.48	ppb
Silver	109-1	31.49	31.17	31.91	31.52	1.17	ppb
Sodium	23-2	64.24	77.79	64.65	68.89	11.19	ppb
Strontium	86-1	18.96	19.15	19.17	19.10	0.60	ppb
Strontium	88-1	19.07	19.02	19.14	19.07	0.31	ppb
Sulfur	34-1	-808.68	-736.84	-816.08	-787.20		ppb
Terbium	159-1				95		%
Terbium	159-2				89		%
Thallium	203-1	34.50	34.81	34.33	34.54	0.70	ppb
Thallium	205-1	34.18	34.71	34.41	34.43	0.77	ppb
Tin	118-1	0.50	0.51	0.51	0.51	0.67	ppb
Titanium	47-1	413.51	422.32	415.81	417.21	1.10	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:28:35	DataFile Name :	147SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.23	0.23	0.23	2.15	ppb
Vanadium	51-2	435.01	506.91	431.44	457.78	9.30	ppb
Yttrium	89-1				89		%
Yttrium	89-2				83		%
Zinc	66-2	566.21	662.45	563.24	597.30	9.45	ppb
Zirconium	90-1	2.30	2.30	2.25	2.28	1.20	ppb
Zirconium	91-1	2.26	2.37	2.35	2.33	2.48	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:31:50	DataFile Name :	148SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19159.96	19283.83	19067.92	19170.57	0.57	ppb
Antimony	121-1	0.72	0.71	0.75	0.72	3.03	ppb
Arsenic	75-2	133.89	132.75	132.28	132.97	0.62	ppb
Barium	135-1	129.24	132.13	130.26	130.54	1.12	ppb
Barium	137-1	130.83	131.74	133.06	131.88	0.85	ppb
Beryllium	9-1	0.51	0.46	0.54	0.51	7.97	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.68	0.57	0.48	0.58	17.70	ppb
Cadmium	106-1	-1.02	-0.32	-1.52	-0.96		ppb
Cadmium	111-1	0.21	0.22	0.16	0.20	18.19	ppb
Calcium	43-1	3433.47	3488.16	3518.36	3479.99	1.24	ppb
Calcium	44-1	3496.18	3500.35	3516.20	3504.24	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.42	99.20	97.80	99.14	1.32	ppb
Cobalt	59-2	29.91	29.66	29.88	29.82	0.45	ppb
Copper	63-2	70.12	69.31	68.95	69.46	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				94		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	52325.59	52124.89	52029.64	52160.04	0.29	ppb
Iron	57-2	51237.64	51680.17	51551.88	51489.90	0.44	ppb
Iron	54-2	52123.74	51997.77	51796.77	51972.76	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:31:50	DataFile Name :	148SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.33	10.24	10.27	10.28	0.44	ppb
Lead	207-1	10.19	10.07	10.26	10.17	0.97	ppb
Lead	208-1	10.11	10.08	10.17	10.12	0.46	ppb
Lithium	6-1				83		%
Magnesium	24-2	12056.84	12231.32	11916.77	12068.31	1.31	ppb
Manganese	55-2	1138.82	1132.09	1111.85	1127.59	1.24	ppb
Molybdenum	94-1	4.62	4.94	4.86	4.80	3.44	ppb
Molybdenum	95-1	0.52	0.54	0.53	0.53	1.28	ppb
Molybdenum	96-1	1.41	1.33	1.40	1.38	3.21	ppb
Molybdenum	97-1	0.48	0.52	0.54	0.51	6.32	ppb
Molybdenum	98-1	0.53	0.53	0.54	0.53	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.54	63.74	63.62	63.63	0.16	ppb
Phosphorus	31-2	577.90	626.65	611.31	605.29	4.12	ppb
Potassium	39-2	2765.30	2743.30	2708.90	2739.16	1.04	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				81		%
Scandium	45-2				81		%
Selenium	82-1	0.02	0.19	-0.29	-0.03		ppb
Selenium	77-2	4.77	2.58	6.95	4.77	45.87	ppb
Selenium	78-2	1.01	2.49	2.57	2.02	43.42	ppb
Silicon	28-1	178.20	179.33	183.74	180.42	1.62	ppb
Silver	107-1	0.12	0.09	0.08	0.10	17.02	ppb
Silver	109-1	0.11	0.08	0.08	0.09	14.51	ppb
Sodium	23-2	49.94	48.92	46.66	48.51	3.47	ppb
Strontium	86-1	22.05	21.76	22.34	22.05	1.32	ppb
Strontium	88-1	22.14	21.96	22.00	22.03	0.43	ppb
Sulfur	34-1	-785.59	-884.30	-764.54	-811.48		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.08	0.08	0.09	0.08	8.85	ppb
Thallium	205-1	0.07	0.07	0.08	0.08	3.47	ppb
Tin	118-1	0.60	0.65	0.65	0.63	4.68	ppb
Titanium	47-1	158.43	157.84	159.66	158.64	0.59	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:31:50	DataFile Name :	148SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.32	0.31	0.31	1.74	ppb
Vanadium	51-2	110.51	109.98	109.73	110.08	0.36	ppb
Yttrium	89-1				88		%
Yttrium	89-2				87		%
Zinc	66-2	82.09	83.79	84.31	83.39	1.39	ppb
Zirconium	90-1	2.46	2.50	2.53	2.49	1.27	ppb
Zirconium	91-1	2.50	2.50	2.53	2.51	0.60	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:35:01	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18522.79	18617.96	18664.02	18601.59	0.39	ppb
Antimony	121-1	0.67	0.68	0.66	0.67	0.94	ppb
Arsenic	75-2	128.44	127.54	124.53	126.84	1.61	ppb
Barium	135-1	126.08	126.97	124.66	125.91	0.93	ppb
Barium	137-1	126.64	126.18	128.54	127.12	0.98	ppb
Beryllium	9-1	0.37	0.39	0.50	0.42	16.22	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.40	0.49	0.37	0.42	14.76	ppb
Cadmium	106-1	-0.06	-0.58	-0.44	-0.36		ppb
Cadmium	111-1	0.28	0.21	0.21	0.23	15.99	ppb
Calcium	43-1	3329.94	3302.62	3338.35	3323.64	0.56	ppb
Calcium	44-1	3323.47	3346.80	3376.65	3348.97	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.06	96.35	95.16	95.86	0.65	ppb
Cobalt	59-2	28.26	28.82	28.63	28.57	1.00	ppb
Copper	63-2	66.38	66.37	66.79	66.51	0.36	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				93		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	49914.31	49536.47	50185.77	49878.85	0.65	ppb
Iron	57-2	49589.95	49639.09	49516.62	49581.89	0.12	ppb
Iron	54-2	49922.21	50161.79	49470.47	49851.49	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:35:01	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.59	9.99	9.74	9.77	2.10	ppb
Lead	207-1	9.28	9.52	9.55	9.45	1.58	ppb
Lead	208-1	9.48	9.55	9.70	9.58	1.17	ppb
Lithium	6-1				83		%
Magnesium	24-2	11552.04	11579.71	11584.13	11571.96	0.15	ppb
Manganese	55-2	1076.53	1065.67	1074.08	1072.10	0.53	ppb
Molybdenum	94-1	4.83	4.96	5.03	4.94	1.98	ppb
Molybdenum	95-1	0.52	0.54	0.49	0.52	4.59	ppb
Molybdenum	96-1	1.31	1.39	1.37	1.36	3.00	ppb
Molybdenum	97-1	0.46	0.54	0.51	0.50	7.60	ppb
Molybdenum	98-1	0.50	0.49	0.48	0.49	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.71	61.68	61.54	61.65	0.15	ppb
Phosphorus	31-2	628.36	597.18	560.59	595.38	5.70	ppb
Potassium	39-2	2670.77	2667.12	2616.72	2651.54	1.14	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				81		%
Scandium	45-2				81		%
Selenium	82-1	0.24	0.26	0.84	0.45	76.38	ppb
Selenium	77-2	3.94	0.87	6.44	3.75	74.33	ppb
Selenium	78-2	1.45	0.52	1.59	1.19	49.22	ppb
Silicon	28-1	181.48	185.14	184.99	183.87	1.13	ppb
Silver	107-1	0.07	0.07	0.08	0.07	6.25	ppb
Silver	109-1	0.06	0.07	0.07	0.07	6.64	ppb
Sodium	23-2	49.17	47.24	47.42	47.94	2.22	ppb
Strontium	86-1	20.36	21.05	21.08	20.83	1.96	ppb
Strontium	88-1	20.65	20.82	21.47	20.98	2.05	ppb
Sulfur	34-1	-676.18	-739.22	-638.86	-684.75		ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.07	0.07	0.07	0.07	3.21	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	2.32	ppb
Tin	118-1	0.61	0.61	0.63	0.62	2.03	ppb
Titanium	47-1	155.27	155.95	154.74	155.32	0.39	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:35:01	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.29	0.29	0.30	0.29	3.09	ppb
Vanadium	51-2	104.70	106.66	104.64	105.33	1.09	ppb
Yttrium	89-1				88		%
Yttrium	89-2				87		%
Zinc	66-2	78.97	79.62	78.03	78.88	1.02	ppb
Zirconium	90-1	2.52	2.59	2.57	2.56	1.51	ppb
Zirconium	91-1	2.53	2.60	2.52	2.55	1.76	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5B3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:38:15	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3873.82	3896.36	3904.46	3891.55	0.41	ppb
Antimony	121-1	0.15	0.12	0.14	0.14	8.57	ppb
Arsenic	75-2	27.04	26.94	26.99	26.99	0.20	ppb
Barium	135-1	25.64	25.76	26.59	26.00	1.98	ppb
Barium	137-1	26.03	25.82	26.20	26.02	0.74	ppb
Beryllium	9-1	0.07	0.09	0.10	0.09	16.20	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.31	0.32	0.24	51.97	ppb
Cadmium	106-1	0.84	0.77	-1.30	0.10	1199.12	ppb
Cadmium	111-1	0.11	0.11	-0.05	0.06	169.72	ppb
Calcium	43-1	667.24	710.45	686.71	688.13	3.14	ppb
Calcium	44-1	695.22	688.74	698.88	694.28	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.59	19.87	19.77	19.74	0.74	ppb
Cobalt	59-2	6.01	6.09	5.92	6.01	1.46	ppb
Copper	63-2	14.19	14.02	14.10	14.10	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				91		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	10365.86	10303.00	10430.52	10366.46	0.62	ppb
Iron	57-2	10778.55	10775.24	10853.49	10802.43	0.41	ppb
Iron	54-2	10866.97	10973.80	10947.33	10929.37	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5B3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:38:15	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.02	2.04	2.07	2.04	1.12	ppb
Lead	207-1	2.00	1.98	2.00	2.00	0.62	ppb
Lead	208-1	2.00	2.00	2.02	2.00	0.51	ppb
Lithium	6-1				81		%
Magnesium	24-2	2458.66	2466.82	2486.30	2470.59	0.57	ppb
Manganese	55-2	228.32	228.76	229.62	228.90	0.29	ppb
Molybdenum	94-1	0.94	0.96	0.91	0.93	2.66	ppb
Molybdenum	95-1	0.08	0.09	0.09	0.08	5.97	ppb
Molybdenum	96-1	0.23	0.26	0.27	0.25	9.14	ppb
Molybdenum	97-1	0.08	0.10	0.07	0.09	15.79	ppb
Molybdenum	98-1	0.09	0.10	0.10	0.10	7.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.72	12.75	13.56	13.01	3.68	ppb
Phosphorus	31-2	94.29	96.78	112.58	101.22	9.80	ppb
Potassium	39-2	540.62	538.91	540.98	540.17	0.20	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				80		%
Scandium	45-2				79		%
Selenium	82-1	0.38	-0.17	0.36	0.19	162.02	ppb
Selenium	77-2	1.35	1.33	2.26	1.65	32.10	ppb
Selenium	78-2	-0.51	-0.45	-0.78	-0.58		ppb
Silicon	28-1	34.29	33.97	34.99	34.42	1.51	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.28	ppb
Silver	109-1	0.01	0.01	0.02	0.01	51.45	ppb
Sodium	23-2	14.17	12.59	13.34	13.37	5.93	ppb
Strontium	86-1	4.37	4.34	4.38	4.37	0.44	ppb
Strontium	88-1	4.31	4.42	4.35	4.36	1.30	ppb
Sulfur	34-1	-522.31	-567.22	-546.75	-545.43		ppb
Terbium	159-1				91		%
Terbium	159-2				91		%
Thallium	203-1	0.02	0.01	0.01	0.01	36.34	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	52.41	ppb
Tin	118-1	0.09	0.09	0.10	0.09	6.17	ppb
Titanium	47-1	30.64	31.65	31.88	31.39	2.10	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5B3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:38:15	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.06	0.06	5.48	ppb
Vanadium	51-2	21.50	22.00	22.01	21.84	1.32	ppb
Yttrium	89-1				86		%
Yttrium	89-2				84		%
Zinc	66-2	16.72	15.97	16.27	16.32	2.32	ppb
Zirconium	90-1	0.48	0.53	0.50	0.50	4.97	ppb
Zirconium	91-1	0.51	0.51	0.52	0.51	1.47	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:41:31	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18629.97	18632.56	18595.85	18619.46	0.11	ppb
Antimony	121-1	16.62	16.90	17.03	16.85	1.25	ppb
Arsenic	75-2	133.21	130.67	130.43	131.44	1.17	ppb
Barium	135-1	419.67	425.69	435.02	426.79	1.81	ppb
Barium	137-1	426.61	431.58	431.57	429.92	0.67	ppb
Beryllium	9-1	8.42	8.57	8.88	8.62	2.74	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.46	7.69	8.08	8.08	4.80	ppb
Cadmium	106-1	6.03	7.18	6.23	6.48	9.49	ppb
Cadmium	111-1	8.15	8.50	8.61	8.42	2.84	ppb
Calcium	43-1	3350.16	3452.10	3313.76	3372.01	2.13	ppb
Calcium	44-1	3348.78	3394.02	3376.62	3373.14	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.40	128.20	125.72	127.11	1.00	ppb
Cobalt	59-2	109.62	111.21	110.77	110.53	0.74	ppb
Copper	63-2	105.49	105.29	104.61	105.13	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				91		%
Holmium	165-2				91		%
Indium	115-1				86		%
Indium	115-2				84		%
Iron	56-2	49558.45	50059.73	49740.02	49786.07	0.51	ppb
Iron	57-2	49341.57	49276.38	49242.65	49286.87	0.10	ppb
Iron	54-2	50115.80	49758.48	48951.23	49608.50	1.20	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:41:31	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.68	12.68	12.78	12.71	0.47	ppb
Lead	207-1	12.52	12.51	12.44	12.49	0.36	ppb
Lead	208-1	12.52	12.61	12.45	12.53	0.64	ppb
Lithium	6-1				83		%
Magnesium	24-2	11496.32	11561.49	11611.39	11556.40	0.50	ppb
Manganese	55-2	1147.72	1152.33	1141.58	1147.21	0.47	ppb
Molybdenum	94-1	4.76	4.89	4.89	4.85	1.53	ppb
Molybdenum	95-1	0.51	0.49	0.50	0.50	1.78	ppb
Molybdenum	96-1	1.40	1.44	1.37	1.40	2.56	ppb
Molybdenum	97-1	0.54	0.50	0.52	0.52	4.66	ppb
Molybdenum	98-1	0.49	0.50	0.48	0.49	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.11	145.34	142.72	143.72	0.98	ppb
Phosphorus	31-2	585.44	570.28	589.56	581.76	1.75	ppb
Potassium	39-2	2623.81	2635.53	2628.50	2629.28	0.22	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				80		%
Scandium	45-2				80		%
Selenium	82-1	18.88	18.23	17.66	18.26	3.34	ppb
Selenium	77-2	22.47	21.09	25.80	23.12	10.45	ppb
Selenium	78-2	16.85	18.10	15.51	16.82	7.70	ppb
Silicon	28-1	180.24	182.33	182.12	181.56	0.63	ppb
Silver	107-1	7.98	8.17	8.39	8.18	2.49	ppb
Silver	109-1	7.99	8.31	8.34	8.21	2.38	ppb
Sodium	23-2	44.00	44.04	43.48	43.84	0.72	ppb
Strontium	86-1	21.60	21.53	21.36	21.50	0.56	ppb
Strontium	88-1	21.16	21.29	21.07	21.17	0.53	ppb
Sulfur	34-1	-788.46	-731.99	-842.19	-787.55		ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	7.50	7.27	7.32	7.36	1.69	ppb
Thallium	205-1	7.14	7.28	7.09	7.17	1.33	ppb
Tin	118-1	0.68	0.62	0.67	0.66	4.54	ppb
Titanium	47-1	153.36	155.86	155.89	155.04	0.94	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:41:31	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.30	0.30	0.30	0.30	1.61	ppb
Vanadium	51-2	183.82	185.80	184.99	184.87	0.54	ppb
Yttrium	89-1				86		%
Yttrium	89-2				86		%
Zinc	66-2	158.72	161.97	161.73	160.81	1.13	ppb
Zirconium	90-1	2.46	2.57	2.54	2.52	2.21	ppb
Zirconium	91-1	2.53	2.58	2.43	2.51	2.86	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:44:45	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19411.51	18985.76	24226.32	20874.53	13.94	ppb
Antimony	121-1	72.57	74.48	73.81	73.62	1.32	ppb
Arsenic	75-2	150.35	154.06	195.44	166.62	15.02	ppb
Barium	135-1	1529.04	1585.39	1552.59	1555.67	1.82	ppb
Barium	137-1	1546.14	1584.62	1574.09	1568.29	1.27	ppb
Beryllium	9-1	38.01	37.12	38.08	37.74	1.43	ppb
Bismuth	209-1				91		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.33	32.62	34.27	33.41	2.48	ppb
Cadmium	106-1	30.97	33.03	30.75	31.58	3.98	ppb
Cadmium	111-1	37.18	37.55	37.97	37.57	1.05	ppb
Calcium	43-1	3205.04	3216.34	3177.25	3199.54	0.63	ppb
Calcium	44-1	3204.86	3243.28	3274.27	3240.80	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	239.63	241.05	305.43	262.03	14.34	ppb
Cobalt	59-2	403.31	396.86	500.43	433.53	13.38	ppb
Copper	63-2	241.61	243.39	304.11	263.03	13.53	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				91		%
Holmium	165-2				85		%
Indium	115-1				86		%
Indium	115-2				78		%
Iron	56-2	48767.57	48637.19	61125.17	52843.31	13.57	ppb
Iron	57-2	48778.09	48640.81	60538.78	52652.56	12.97	ppb
Iron	54-2	48813.76	48959.47	61520.85	53098.03	13.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:44:45	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.61	22.76	22.98	22.78	0.81	ppb
Lead	207-1	22.16	22.27	22.84	22.42	1.65	ppb
Lead	208-1	22.27	22.50	22.87	22.54	1.33	ppb
Lithium	6-1				82		%
Magnesium	24-2	11201.08	11395.83	13981.37	12192.76	12.73	ppb
Manganese	55-2	1389.61	1384.00	1766.34	1513.32	14.48	ppb
Molybdenum	94-1	4.69	4.59	4.71	4.66	1.34	ppb
Molybdenum	95-1	0.54	0.50	0.52	0.52	3.62	ppb
Molybdenum	96-1	1.22	1.31	1.27	1.27	3.56	ppb
Molybdenum	97-1	0.47	0.45	0.51	0.48	5.74	ppb
Molybdenum	98-1	0.48	0.47	0.46	0.47	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	434.09	435.66	551.64	473.80	14.23	ppb
Phosphorus	31-2	560.25	602.48	709.08	623.94	12.29	ppb
Potassium	39-2	2557.21	2534.72	3225.56	2772.50	14.16	ppb
Rhodium	103-1				84		%
Rhodium	103-2				78		%
Scandium	45-1				80		%
Scandium	45-2				74		%
Selenium	82-1	81.37	80.88	81.55	81.27	0.42	ppb
Selenium	77-2	90.09	78.66	96.60	88.45	10.26	ppb
Selenium	78-2	77.65	76.92	101.78	85.45	16.55	ppb
Silicon	28-1	173.43	174.66	175.98	174.69	0.73	ppb
Silver	107-1	30.13	31.76	33.25	31.72	4.92	ppb
Silver	109-1	31.85	36.69	38.56	35.70	9.69	ppb
Sodium	23-2	42.21	44.96	58.22	48.47	17.66	ppb
Strontium	86-1	20.46	20.27	20.75	20.49	1.17	ppb
Strontium	88-1	20.32	20.60	20.52	20.48	0.70	ppb
Sulfur	34-1	-956.53	-905.62	-965.41	-942.52		ppb
Terbium	159-1				92		%
Terbium	159-2				85		%
Thallium	203-1	32.87	32.95	33.90	33.24	1.72	ppb
Thallium	205-1	32.18	32.68	33.01	32.62	1.27	ppb
Tin	118-1	0.54	0.56	0.59	0.56	4.88	ppb
Titanium	47-1	145.50	147.97	149.36	147.61	1.33	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:44:45	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.28	0.28	0.30	0.29	4.03	ppb
Vanadium	51-2	466.87	462.00	584.11	504.33	13.71	ppb
Yttrium	89-1				86		%
Yttrium	89-2				79		%
Zinc	66-2	454.11	442.72	564.15	486.99	13.77	ppb
Zirconium	90-1	2.31	2.41	2.38	2.37	2.12	ppb
Zirconium	91-1	2.34	2.38	2.41	2.37	1.56	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:47:54	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14867.92	14794.61	14836.67	14833.07	0.25	ppb
Antimony	121-1	0.69	0.71	0.70	0.70	1.47	ppb
Arsenic	75-2	77.44	75.70	75.86	76.33	1.26	ppb
Barium	135-1	113.35	115.29	118.71	115.78	2.34	ppb
Barium	137-1	116.83	116.54	117.84	117.07	0.59	ppb
Beryllium	9-1	0.37	0.46	0.36	0.39	14.37	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.67	0.64	0.68	0.66	3.09	ppb
Cadmium	106-1	-0.91	-1.86	-0.87	-1.21		ppb
Cadmium	111-1	0.17	0.06	0.13	0.12	47.52	ppb
Calcium	43-1	4268.69	4329.73	4214.75	4271.06	1.35	ppb
Calcium	44-1	4242.83	4307.88	4274.74	4275.15	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.59	58.88	59.16	59.21	0.60	ppb
Cobalt	59-2	19.89	20.28	19.96	20.04	1.06	ppb
Copper	63-2	58.53	57.98	58.18	58.23	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				91		%
Holmium	165-2				92		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	37872.07	37971.97	37759.07	37867.70	0.28	ppb
Iron	57-2	37146.49	37389.59	37418.10	37318.06	0.40	ppb
Iron	54-2	37859.54	37762.06	38340.37	37987.32	0.82	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:47:54	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.18	9.36	9.57	9.37	2.06	ppb
Lead	207-1	9.31	9.40	9.19	9.30	1.12	ppb
Lead	208-1	9.19	9.28	9.27	9.25	0.48	ppb
Lithium	6-1				82		%
Magnesium	24-2	8265.68	8238.94	8217.73	8240.78	0.29	ppb
Manganese	55-2	873.93	875.75	881.16	876.95	0.43	ppb
Molybdenum	94-1	6.63	6.72	6.67	6.67	0.66	ppb
Molybdenum	95-1	0.36	0.41	0.39	0.39	6.68	ppb
Molybdenum	96-1	1.37	1.34	1.33	1.35	1.52	ppb
Molybdenum	97-1	0.40	0.37	0.39	0.38	4.01	ppb
Molybdenum	98-1	0.36	0.38	0.41	0.38	6.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.55	42.91	42.84	43.10	0.91	ppb
Phosphorus	31-2	552.98	544.75	544.17	547.30	0.90	ppb
Potassium	39-2	2589.28	2589.66	2589.73	2589.56	0.01	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				78		%
Scandium	45-2				79		%
Selenium	82-1	0.15	0.59	-0.15	0.20	188.79	ppb
Selenium	77-2	6.20	1.77	4.43	4.13	53.89	ppb
Selenium	78-2	0.86	1.40	0.60	0.95	42.49	ppb
Silicon	28-1	133.30	130.98	129.88	131.39	1.33	ppb
Silver	107-1	0.10	0.11	0.10	0.10	6.51	ppb
Silver	109-1	0.11	0.09	0.09	0.10	11.84	ppb
Sodium	23-2	67.68	65.44	67.45	66.86	1.84	ppb
Strontium	86-1	21.17	21.65	21.44	21.42	1.11	ppb
Strontium	88-1	21.25	21.40	21.43	21.36	0.46	ppb
Sulfur	34-1	-572.71	-778.98	-793.41	-715.03		ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	0.07	0.09	0.07	0.08	12.69	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	5.15	ppb
Tin	118-1	0.69	0.72	0.74	0.72	3.67	ppb
Titanium	47-1	196.64	197.45	195.63	196.57	0.46	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:47:54	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.27	0.27	0.27	1.44	ppb
Vanadium	51-2	75.31	75.34	75.55	75.40	0.18	ppb
Yttrium	89-1				86		%
Yttrium	89-2				85		%
Zinc	66-2	67.19	68.28	67.19	67.55	0.93	ppb
Zirconium	90-1	3.59	3.61	3.59	3.60	0.33	ppb
Zirconium	91-1	3.55	3.46	3.75	3.58	4.10	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:51:09	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15054.09	14949.20	14631.90	14878.40	1.48	ppb
Antimony	121-1	0.66	0.73	0.69	0.70	5.24	ppb
Arsenic	75-2	76.82	75.95	73.30	75.36	2.44	ppb
Barium	135-1	116.09	120.34	118.40	118.28	1.80	ppb
Barium	137-1	117.71	119.00	118.76	118.49	0.58	ppb
Beryllium	9-1	0.39	0.46	0.45	0.43	8.69	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.69	0.67	0.72	0.69	3.68	ppb
Cadmium	106-1	1.01	-1.10	0.11	0.01	12935.99	ppb
Cadmium	111-1	0.33	0.18	0.21	0.24	32.93	ppb
Calcium	43-1	4146.92	4203.24	4276.08	4208.75	1.54	ppb
Calcium	44-1	4191.55	4233.87	4328.35	4251.26	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.63	58.59	56.77	58.00	1.83	ppb
Cobalt	59-2	19.88	20.33	19.53	19.91	2.02	ppb
Copper	63-2	59.02	59.42	57.91	58.78	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				89		%
Holmium	165-2				91		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	56-2	38237.29	38147.16	36751.85	37712.10	2.21	ppb
Iron	57-2	38138.91	38252.58	36584.42	37658.64	2.47	ppb
Iron	54-2	38208.82	38104.95	36934.96	37749.57	1.87	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:51:09	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.36	9.42	9.50	9.43	0.75	ppb
Lead	207-1	8.90	8.98	9.34	9.07	2.58	ppb
Lead	208-1	9.05	9.19	9.45	9.23	2.19	ppb
Lithium	6-1				82		%
Magnesium	24-2	8125.22	8238.15	7899.59	8087.65	2.13	ppb
Manganese	55-2	882.38	882.16	852.98	872.50	1.94	ppb
Molybdenum	94-1	6.62	6.71	7.03	6.79	3.14	ppb
Molybdenum	95-1	0.42	0.41	0.40	0.41	2.28	ppb
Molybdenum	96-1	1.37	1.35	1.36	1.36	0.88	ppb
Molybdenum	97-1	0.40	0.42	0.38	0.40	5.13	ppb
Molybdenum	98-1	0.32	0.41	0.39	0.37	13.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.78	42.95	42.62	43.12	1.39	ppb
Phosphorus	31-2	550.89	545.58	549.11	548.53	0.49	ppb
Potassium	39-2	2616.48	2630.36	2540.34	2595.73	1.87	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				78		%
Scandium	45-2				79		%
Selenium	82-1	0.34	0.63	0.51	0.49	29.15	ppb
Selenium	77-2	4.05	1.79	3.95	3.26	39.22	ppb
Selenium	78-2	0.55	1.44	-0.36	0.54	165.72	ppb
Silicon	28-1	129.99	133.53	136.96	133.49	2.61	ppb
Silver	107-1	0.07	0.08	0.07	0.07	10.81	ppb
Silver	109-1	0.07	0.08	0.08	0.08	4.65	ppb
Sodium	23-2	67.83	65.99	65.81	66.54	1.68	ppb
Strontium	86-1	21.43	21.42	21.79	21.55	0.99	ppb
Strontium	88-1	21.57	21.98	22.23	21.93	1.53	ppb
Sulfur	34-1	-608.83	-636.00	-487.96	-577.60		ppb
Terbium	159-1				90		%
Terbium	159-2				91		%
Thallium	203-1	0.07	0.07	0.07	0.07	5.47	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	3.10	ppb
Tin	118-1	0.79	0.83	0.83	0.81	3.07	ppb
Titanium	47-1	195.84	197.12	201.89	198.28	1.61	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:51:09	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.27	0.26	0.26	1.55	ppb
Vanadium	51-2	75.86	75.05	73.27	74.73	1.77	ppb
Yttrium	89-1				85		%
Yttrium	89-2				85		%
Zinc	66-2	69.87	68.70	65.56	68.05	3.28	ppb
Zirconium	90-1	3.58	3.61	3.68	3.62	1.47	ppb
Zirconium	91-1	3.62	3.62	3.88	3.71	3.99	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5D4L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:54:22	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3089.20	3073.94	3042.15	3068.43	0.78	ppb
Antimony	121-1	0.12	0.13	0.13	0.12	5.94	ppb
Arsenic	75-2	15.26	14.75	15.25	15.09	1.92	ppb
Barium	135-1	22.99	23.25	23.75	23.33	1.65	ppb
Barium	137-1	23.10	23.79	23.93	23.61	1.89	ppb
Beryllium	9-1	0.04	0.10	0.03	0.06	69.15	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.19	0.13	0.14	34.61	ppb
Cadmium	106-1	0.45	-0.57	-1.32	-0.48		ppb
Cadmium	111-1	0.09	0.02	-0.05	0.02	353.78	ppb
Calcium	43-1	838.69	853.56	846.88	846.38	0.88	ppb
Calcium	44-1	853.93	867.05	867.28	862.75	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.95	11.90	11.72	11.86	1.02	ppb
Cobalt	59-2	4.14	4.07	4.03	4.08	1.47	ppb
Copper	63-2	11.85	11.92	11.61	11.80	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				90		%
Holmium	165-2				90		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	7674.21	7756.96	7577.22	7669.46	1.17	ppb
Iron	57-2	7976.15	8073.23	7825.52	7958.30	1.57	ppb
Iron	54-2	8101.80	8098.19	7911.61	8037.20	1.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5D4L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:54:22	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.87	1.88	1.88	1.87	0.11	ppb
Lead	207-1	1.75	1.83	1.83	1.80	2.55	ppb
Lead	208-1	1.83	1.82	1.83	1.83	0.42	ppb
Lithium	6-1				82		%
Magnesium	24-2	1696.33	1716.05	1664.78	1692.39	1.53	ppb
Manganese	55-2	177.43	177.63	175.79	176.95	0.57	ppb
Molybdenum	94-1	1.40	1.41	1.32	1.38	3.50	ppb
Molybdenum	95-1	0.08	0.06	0.11	0.08	30.37	ppb
Molybdenum	96-1	0.24	0.27	0.26	0.25	6.55	ppb
Molybdenum	97-1	0.06	0.07	0.05	0.06	16.60	ppb
Molybdenum	98-1	0.08	0.08	0.06	0.07	13.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.22	8.79	8.34	8.78	5.03	ppb
Phosphorus	31-2	105.32	95.54	99.53	100.13	4.91	ppb
Potassium	39-2	522.57	525.23	511.30	519.70	1.42	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				77		%
Scandium	45-2				78		%
Selenium	82-1	0.56	0.13	0.22	0.31	73.92	ppb
Selenium	77-2	0.90	0.45	0.00	0.45	99.82	ppb
Selenium	78-2	-0.37	-0.34	-0.15	-0.28		ppb
Silicon	28-1	24.52	24.95	25.13	24.87	1.27	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.23	ppb
Silver	109-1	0.01	0.01	0.01	0.01	1.82	ppb
Sodium	23-2	112.90	115.67	109.72	112.76	2.64	ppb
Strontium	86-1	4.19	4.36	4.39	4.31	2.47	ppb
Strontium	88-1	4.28	4.39	4.43	4.37	1.81	ppb
Sulfur	34-1	-521.31	-460.00	-470.95	-484.08		ppb
Terbium	159-1				90		%
Terbium	159-2				90		%
Thallium	203-1	0.01	0.01	0.01	0.01	3.81	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	36.54	ppb
Tin	118-1	0.17	0.16	0.19	0.17	6.65	ppb
Titanium	47-1	38.49	38.82	39.62	38.98	1.49	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5D4L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:54:22	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	3.20	ppb
Vanadium	51-2	15.18	15.23	14.84	15.08	1.42	ppb
Yttrium	89-1				84		%
Yttrium	89-2				83		%
Zinc	66-2	13.18	14.46	13.18	13.61	5.42	ppb
Zirconium	90-1	0.71	0.73	0.76	0.73	3.08	ppb
Zirconium	91-1	0.69	0.73	0.71	0.71	2.63	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:57:41	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14878.29	14582.03	14649.33	14703.22	1.06	ppb
Antimony	121-1	15.64	15.33	15.45	15.47	0.99	ppb
Arsenic	75-2	79.80	79.39	79.57	79.59	0.26	ppb
Barium	135-1	381.58	388.08	389.09	386.25	1.05	ppb
Barium	137-1	393.38	390.74	394.55	392.89	0.50	ppb
Beryllium	9-1	8.08	7.91	8.31	8.10	2.47	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.02	6.57	8.27	7.28	12.05	ppb
Cadmium	106-1	7.92	7.15	7.33	7.46	5.37	ppb
Cadmium	111-1	7.85	7.93	7.89	7.89	0.46	ppb
Calcium	43-1	4097.69	4087.12	4127.37	4104.06	0.51	ppb
Calcium	44-1	4089.16	4068.39	4131.01	4096.19	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87.45	86.84	86.34	86.87	0.64	ppb
Cobalt	59-2	96.64	96.59	95.99	96.41	0.38	ppb
Copper	63-2	94.10	92.38	93.10	93.19	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				89		%
Holmium	165-2				89		%
Indium	115-1				85		%
Indium	115-2				83		%
Iron	56-2	36847.68	36595.34	36805.44	36749.49	0.37	ppb
Iron	57-2	36556.29	35532.72	36111.84	36066.95	1.42	ppb
Iron	54-2	36679.01	36679.24	36665.66	36674.64	0.02	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:57:41	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.84	11.81	11.88	11.84	0.33	ppb
Lead	207-1	11.53	11.68	11.82	11.67	1.24	ppb
Lead	208-1	11.69	11.58	11.77	11.68	0.85	ppb
Lithium	6-1				82		%
Magnesium	24-2	7976.95	7923.05	7884.00	7928.00	0.59	ppb
Manganese	55-2	927.89	919.34	918.36	921.86	0.57	ppb
Molybdenum	94-1	6.27	6.54	6.67	6.49	3.11	ppb
Molybdenum	95-1	0.35	0.41	0.41	0.39	9.48	ppb
Molybdenum	96-1	1.33	1.37	1.36	1.35	1.81	ppb
Molybdenum	97-1	0.38	0.36	0.37	0.37	2.02	ppb
Molybdenum	98-1	0.39	0.40	0.38	0.39	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.68	120.06	117.80	118.85	0.96	ppb
Phosphorus	31-2	518.62	524.95	539.30	527.62	2.01	ppb
Potassium	39-2	2550.66	2503.54	2512.99	2522.40	0.99	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				78		%
Scandium	45-2				78		%
Selenium	82-1	15.86	15.85	15.63	15.78	0.83	ppb
Selenium	77-2	19.86	16.06	20.39	18.77	12.59	ppb
Selenium	78-2	13.34	16.10	16.65	15.36	11.54	ppb
Silicon	28-1	129.87	127.38	128.38	128.54	0.97	ppb
Silver	107-1	7.53	7.48	7.59	7.53	0.73	ppb
Silver	109-1	7.58	7.49	7.48	7.52	0.72	ppb
Sodium	23-2	67.02	66.56	65.76	66.45	0.96	ppb
Strontium	86-1	21.03	21.00	20.78	20.94	0.63	ppb
Strontium	88-1	20.84	21.11	21.29	21.08	1.07	ppb
Sulfur	34-1	-377.19	-509.88	-422.32	-436.46		ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	6.68	6.85	6.98	6.84	2.16	ppb
Thallium	205-1	6.61	6.46	6.75	6.61	2.18	ppb
Tin	118-1	0.67	0.69	0.69	0.68	1.76	ppb
Titanium	47-1	187.31	190.00	190.54	189.28	0.92	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:57:41	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.26	0.24	0.25	4.43	ppb
Vanadium	51-2	148.06	145.53	146.33	146.64	0.88	ppb
Yttrium	89-1				84		%
Yttrium	89-2				83		%
Zinc	66-2	143.15	144.59	142.53	143.42	0.74	ppb
Zirconium	90-1	3.41	3.55	3.50	3.49	2.03	ppb
Zirconium	91-1	3.44	3.61	3.46	3.50	2.55	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:00:53	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15626.89	16307.96	15099.06	15677.97	3.87	ppb
Antimony	121-1	71.70	73.36	74.23	73.10	1.76	ppb
Arsenic	75-2	98.04	105.33	99.86	101.08	3.75	ppb
Barium	135-1	1520.11	1562.75	1597.23	1560.03	2.48	ppb
Barium	137-1	1540.35	1537.13	1582.93	1553.47	1.65	ppb
Beryllium	9-1	37.80	39.14	38.12	38.35	1.83	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.82	33.92	35.00	34.58	1.67	ppb
Cadmium	106-1	32.44	31.64	32.74	32.28	1.76	ppb
Cadmium	111-1	36.77	37.78	37.80	37.45	1.57	ppb
Calcium	43-1	3866.19	4059.35	4049.42	3991.65	2.72	ppb
Calcium	44-1	3898.83	4051.53	4027.97	3992.78	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	203.91	213.13	205.83	207.62	2.34	ppb
Cobalt	59-2	395.49	415.32	390.10	400.30	3.32	ppb
Copper	63-2	235.51	246.42	232.33	238.09	3.10	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				89		%
Holmium	165-2				87		%
Indium	115-1				83		%
Indium	115-2				81		%
Iron	56-2	36527.37	38220.43	36181.02	36976.27	2.95	ppb
Iron	57-2	37003.31	38449.33	36186.75	37213.13	3.08	ppb
Iron	54-2	36519.39	38129.30	36014.24	36887.65	2.99	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:00:53	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.62	22.10	22.19	21.97	1.39	ppb
Lead	207-1	21.24	21.72	21.62	21.53	1.19	ppb
Lead	208-1	21.47	21.81	21.88	21.72	1.03	ppb
Lithium	6-1				81		%
Magnesium	24-2	7807.77	8087.67	7633.46	7842.97	2.92	ppb
Manganese	55-2	1179.32	1230.14	1153.03	1187.50	3.30	ppb
Molybdenum	94-1	6.23	6.26	6.45	6.32	1.91	ppb
Molybdenum	95-1	0.38	0.37	0.39	0.38	2.57	ppb
Molybdenum	96-1	1.25	1.34	1.22	1.27	5.30	ppb
Molybdenum	97-1	0.36	0.41	0.43	0.40	8.85	ppb
Molybdenum	98-1	0.36	0.36	0.38	0.37	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	420.55	440.91	425.08	428.85	2.49	ppb
Phosphorus	31-2	511.96	566.06	527.04	535.02	5.22	ppb
Potassium	39-2	2453.41	2562.13	2474.12	2496.55	2.31	ppb
Rhodium	103-1				82		%
Rhodium	103-2				80		%
Scandium	45-1				77		%
Scandium	45-2				75		%
Selenium	82-1	81.84	82.72	78.67	81.07	2.62	ppb
Selenium	77-2	90.90	81.73	86.67	86.43	5.31	ppb
Selenium	78-2	80.48	88.69	79.04	82.74	6.29	ppb
Silicon	28-1	123.31	127.41	126.91	125.88	1.78	ppb
Silver	107-1	34.86	33.97	35.84	34.89	2.68	ppb
Silver	109-1	30.00	33.25	33.34	32.20	5.90	ppb
Sodium	23-2	61.23	65.61	62.32	63.05	3.62	ppb
Strontium	86-1	20.38	20.84	20.46	20.56	1.20	ppb
Strontium	88-1	20.39	20.65	20.54	20.52	0.63	ppb
Sulfur	34-1	-601.33	-462.41	-530.47	-531.40		ppb
Terbium	159-1				89		%
Terbium	159-2				87		%
Thallium	203-1	31.90	32.98	32.75	32.54	1.75	ppb
Thallium	205-1	31.72	32.22	32.22	32.05	0.90	ppb
Tin	118-1	0.64	0.69	0.67	0.66	4.25	ppb
Titanium	47-1	182.20	187.29	185.63	185.04	1.40	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:00:53	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.25	0.25	0.25	0.92	ppb
Vanadium	51-2	433.66	456.19	434.31	441.39	2.91	ppb
Yttrium	89-1				83		%
Yttrium	89-2				81		%
Zinc	66-2	442.83	459.72	437.25	446.60	2.62	ppb
Zirconium	90-1	3.39	3.37	3.37	3.38	0.31	ppb
Zirconium	91-1	3.41	3.36	3.38	3.38	0.82	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:04:06	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13806.99	13445.33	13872.43	13708.25	1.68	ppb
Antimony	121-1	1.06	1.06	1.10	1.07	2.05	ppb
Arsenic	75-2	47.24	47.55	46.37	47.05	1.30	ppb
Barium	135-1	246.89	248.69	251.37	248.98	0.91	ppb
Barium	137-1	248.93	250.20	252.49	250.54	0.72	ppb
Beryllium	9-1	0.49	0.60	0.58	0.56	10.35	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.56	3.47	3.34	3.46	3.11	ppb
Cadmium	106-1	2.83	3.61	2.38	2.94	21.14	ppb
Cadmium	111-1	2.59	2.71	2.67	2.66	2.18	ppb
Calcium	43-1	26313.99	25846.13	26607.80	26255.97	1.46	ppb
Calcium	44-1	24789.50	24020.17	24801.19	24536.95	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.94	30.89	30.78	30.87	0.27	ppb
Cobalt	59-2	15.06	15.21	15.28	15.18	0.74	ppb
Copper	63-2	454.52	455.11	462.34	457.32	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				88		%
Holmium	165-2				88		%
Indium	115-1				83		%
Indium	115-2				82		%
Iron	56-2	24381.05	24530.48	24830.11	24580.55	0.93	ppb
Iron	57-2	25594.26	25669.79	25842.24	25702.10	0.49	ppb
Iron	54-2	24270.89	24554.29	24665.29	24496.82	0.83	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:04:06	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.40	74.50	73.98	73.96	0.74	ppb
Lead	207-1	74.06	74.44	74.80	74.43	0.50	ppb
Lead	208-1	73.48	74.11	74.29	73.96	0.57	ppb
Lithium	6-1				81		%
Magnesium	24-2	6899.07	6983.93	6946.92	6943.30	0.61	ppb
Manganese	55-2	854.43	855.97	862.15	857.52	0.48	ppb
Molybdenum	94-1	23.47	23.69	23.82	23.66	0.75	ppb
Molybdenum	95-1	0.27	0.24	0.28	0.26	8.94	ppb
Molybdenum	96-1	2.85	2.91	2.91	2.89	1.22	ppb
Molybdenum	97-1	0.26	0.26	0.27	0.27	1.96	ppb
Molybdenum	98-1	0.25	0.25	0.24	0.25	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.59	54.41	56.52	55.51	1.90	ppb
Phosphorus	31-2	1122.61	1136.56	1145.57	1134.92	1.02	ppb
Potassium	39-2	1561.94	1556.91	1565.33	1561.39	0.27	ppb
Rhodium	103-1				80		%
Rhodium	103-2				81		%
Scandium	45-1				76		%
Scandium	45-2				76		%
Selenium	82-1	0.73	0.56	1.65	0.98	59.56	ppb
Selenium	77-2	4.08	5.49	5.05	4.88	14.77	ppb
Selenium	78-2	2.49	1.46	0.52	1.49	65.93	ppb
Silicon	28-1	468.89	463.01	472.25	468.05	1.00	ppb
Silver	107-1	1.07	1.02	1.05	1.05	2.58	ppb
Silver	109-1	1.06	1.07	1.05	1.06	0.71	ppb
Sodium	23-2	97.31	96.09	97.88	97.09	0.94	ppb
Strontium	86-1	77.74	77.95	78.31	78.00	0.37	ppb
Strontium	88-1	78.85	78.03	78.92	78.60	0.63	ppb
Sulfur	34-1	-137.85	-167.27	-12.94	-106.02		ppb
Terbium	159-1				88		%
Terbium	159-2				88		%
Thallium	203-1	0.15	0.13	0.14	0.14	6.42	ppb
Thallium	205-1	0.12	0.13	0.13	0.13	2.91	ppb
Tin	118-1	1.66	1.71	1.76	1.71	2.94	ppb
Titanium	47-1	500.55	494.24	505.85	500.21	1.16	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:04:06	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.38	0.39	0.40	0.39	2.62	ppb
Vanadium	51-2	41.16	41.13	41.45	41.25	0.43	ppb
Yttrium	89-1				83		%
Yttrium	89-2				82		%
Zinc	66-2	254.56	254.08	259.86	256.16	1.25	ppb
Zirconium	90-1	13.25	13.14	13.37	13.25	0.87	ppb
Zirconium	91-1	12.99	13.29	13.28	13.18	1.30	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:07:18	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13514.72	13599.70	13762.25	13625.56	0.92	ppb
Antimony	121-1	0.96	1.01	1.07	1.01	5.13	ppb
Arsenic	75-2	45.87	46.53	48.39	46.93	2.79	ppb
Barium	135-1	245.01	242.85	249.30	245.72	1.33	ppb
Barium	137-1	246.13	247.25	250.52	247.97	0.92	ppb
Beryllium	9-1	0.69	0.71	0.60	0.67	9.13	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.32	3.37	3.21	3.30	2.50	ppb
Cadmium	106-1	3.94	3.19	3.03	3.39	14.30	ppb
Cadmium	111-1	2.64	2.61	2.64	2.63	0.77	ppb
Calcium	43-1	26635.19	26585.55	26746.98	26655.91	0.31	ppb
Calcium	44-1	24969.27	24733.14	24723.96	24808.79	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.54	31.27	31.39	31.07	1.48	ppb
Cobalt	59-2	14.66	15.17	15.05	14.96	1.78	ppb
Copper	63-2	451.23	454.59	460.14	455.32	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				89		%
Holmium	165-2				89		%
Indium	115-1				84		%
Indium	115-2				83		%
Iron	56-2	24061.70	24213.79	24511.37	24262.29	0.94	ppb
Iron	57-2	25279.92	25513.61	25824.76	25539.43	1.07	ppb
Iron	54-2	24301.56	24562.40	24517.25	24460.40	0.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:07:18	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.40	73.61	73.28	73.43	0.23	ppb
Lead	207-1	73.72	74.18	74.35	74.08	0.44	ppb
Lead	208-1	73.52	73.72	73.94	73.73	0.29	ppb
Lithium	6-1				80		%
Magnesium	24-2	6623.80	6800.77	6789.65	6738.07	1.47	ppb
Manganese	55-2	806.46	813.90	823.56	814.64	1.05	ppb
Molybdenum	94-1	24.34	24.48	24.55	24.46	0.43	ppb
Molybdenum	95-1	0.26	0.26	0.30	0.27	9.09	ppb
Molybdenum	96-1	2.95	3.00	3.15	3.03	3.30	ppb
Molybdenum	97-1	0.23	0.28	0.26	0.25	8.68	ppb
Molybdenum	98-1	0.24	0.29	0.28	0.27	10.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.38	55.48	55.33	55.06	1.09	ppb
Phosphorus	31-2	1094.26	1124.10	1187.80	1135.39	4.21	ppb
Potassium	39-2	1546.65	1560.12	1574.82	1560.53	0.90	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				77		%
Scandium	45-2				77		%
Selenium	82-1	0.53	1.18	0.59	0.76	46.96	ppb
Selenium	77-2	8.59	8.17	5.67	7.47	21.13	ppb
Selenium	78-2	2.19	0.33	3.48	2.00	79.35	ppb
Silicon	28-1	445.25	438.77	443.42	442.48	0.75	ppb
Silver	107-1	1.03	1.05	1.06	1.05	1.74	ppb
Silver	109-1	1.04	1.02	1.03	1.03	0.98	ppb
Sodium	23-2	93.05	97.20	95.74	95.33	2.21	ppb
Strontium	86-1	76.97	78.28	78.97	78.07	1.30	ppb
Strontium	88-1	77.08	78.76	78.87	78.24	1.28	ppb
Sulfur	34-1	-17.29	-146.04	-70.88	-78.07		ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	0.11	0.10	0.11	0.11	5.61	ppb
Thallium	205-1	0.12	0.11	0.12	0.12	3.03	ppb
Tin	118-1	1.71	1.69	1.71	1.70	0.52	ppb
Titanium	47-1	499.38	497.58	499.01	498.66	0.19	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:07:18	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.39	0.39	0.41	0.39	2.39	ppb
Vanadium	51-2	40.43	40.68	41.19	40.76	0.95	ppb
Yttrium	89-1				84		%
Yttrium	89-2				82		%
Zinc	66-2	254.49	255.39	257.49	255.79	0.60	ppb
Zirconium	90-1	13.46	13.84	13.72	13.68	1.43	ppb
Zirconium	91-1	13.54	13.38	14.03	13.65	2.47	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD389L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 00:10:32	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2753.91	2756.64	2747.29	2752.61	0.17	ppb
Antimony	121-1	0.19	0.19	0.20	0.20	3.29	ppb
Arsenic	75-2	9.84	10.00	9.52	9.79	2.46	ppb
Barium	135-1	49.05	49.54	50.11	49.57	1.06	ppb
Barium	137-1	49.12	49.70	49.87	49.56	0.80	ppb
Beryllium	9-1	0.08	0.10	0.12	0.10	23.01	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.79	0.54	0.51	0.61	24.87	ppb
Cadmium	106-1	0.14	0.10	-1.21	-0.32		ppb
Cadmium	111-1	0.48	0.49	0.42	0.46	8.01	ppb
Calcium	43-1	5235.64	5225.50	5297.45	5252.86	0.74	ppb
Calcium	44-1	5208.98	5269.97	5297.05	5258.67	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.95	6.00	6.10	6.02	1.22	ppb
Cobalt	59-2	2.95	3.04	2.98	2.99	1.47	ppb
Copper	63-2	90.36	91.28	90.73	90.79	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				89		%
Holmium	165-2				90		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	56-2	4801.16	4819.74	4815.70	4812.20	0.20	ppb
Iron	57-2	5048.87	5075.77	5083.19	5069.28	0.36	ppb
Iron	54-2	5088.02	5097.93	5131.48	5105.81	0.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD389L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 00:10:32	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.09	14.23	14.51	14.27	1.52	ppb
Lead	207-1	14.21	14.45	14.43	14.36	0.93	ppb
Lead	208-1	14.09	14.34	14.46	14.30	1.30	ppb
Lithium	6-1				81		%
Magnesium	24-2	1382.54	1385.98	1389.75	1386.09	0.26	ppb
Manganese	55-2	169.96	169.41	170.00	169.79	0.19	ppb
Molybdenum	94-1	4.71	4.49	4.50	4.57	2.77	ppb
Molybdenum	95-1	0.04	0.06	0.04	0.04	23.92	ppb
Molybdenum	96-1	0.59	0.57	0.59	0.58	1.93	ppb
Molybdenum	97-1	0.05	0.05	0.03	0.04	32.91	ppb
Molybdenum	98-1	0.05	0.06	0.04	0.05	15.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.66	11.13	11.05	10.95	2.32	ppb
Phosphorus	31-2	224.49	227.08	228.95	226.84	0.99	ppb
Potassium	39-2	295.57	300.71	302.25	299.51	1.17	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				77		%
Scandium	45-2				77		%
Selenium	82-1	0.13	0.61	0.53	0.42	60.79	ppb
Selenium	77-2	2.25	0.46	1.81	1.50	62.02	ppb
Selenium	78-2	1.34	0.49	-0.09	0.58	122.98	ppb
Silicon	28-1	91.00	92.28	92.21	91.83	0.78	ppb
Silver	107-1	0.20	0.21	0.21	0.21	2.16	ppb
Silver	109-1	0.18	0.22	0.23	0.21	12.02	ppb
Sodium	23-2	20.46	20.34	19.30	20.03	3.18	ppb
Strontium	86-1	15.52	15.62	15.34	15.49	0.91	ppb
Strontium	88-1	15.56	15.57	15.46	15.53	0.40	ppb
Sulfur	34-1	-202.99	-204.62	-221.55	-209.72		ppb
Terbium	159-1				89		%
Terbium	159-2				90		%
Thallium	203-1	0.02	0.01	0.02	0.02	25.27	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	11.35	ppb
Tin	118-1	0.31	0.30	0.30	0.30	0.99	ppb
Titanium	47-1	99.39	99.50	100.93	99.94	0.86	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD389L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 00:10:32	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.08	0.07	0.07	2.65	ppb
Vanadium	51-2	8.17	8.07	8.17	8.14	0.69	ppb
Yttrium	89-1				84		%
Yttrium	89-2				83		%
Zinc	66-2	51.13	51.57	52.01	51.57	0.85	ppb
Zirconium	90-1	2.60	2.67	2.70	2.65	1.87	ppb
Zirconium	91-1	2.49	2.50	2.68	2.56	4.08	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:13:48	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18037.26	13598.41	13147.23	14927.63	18.10	ppb
Antimony	121-1	16.39	16.29	16.38	16.35	0.33	ppb
Arsenic	75-2	68.99	51.58	51.76	57.45	17.41	ppb
Barium	135-1	529.53	530.50	540.21	533.41	1.11	ppb
Barium	137-1	535.91	552.97	565.40	551.43	2.69	ppb
Beryllium	9-1	8.69	8.37	8.19	8.42	3.02	ppb
Bismuth	209-1				90		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.82	9.81	10.59	10.07	4.42	ppb
Cadmium	106-1	11.81	10.53	10.32	10.89	7.38	ppb
Cadmium	111-1	10.43	10.47	10.56	10.49	0.64	ppb
Calcium	43-1	26439.13	26504.17	26758.93	26567.41	0.64	ppb
Calcium	44-1	24673.06	24697.29	24921.19	24763.84	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.53	59.83	59.55	66.64	18.06	ppb
Cobalt	59-2	121.65	89.62	89.81	100.36	18.37	ppb
Copper	63-2	644.79	478.82	477.42	533.68	18.03	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				89		%
Holmium	165-2				85		%
Indium	115-1				85		%
Indium	115-2				79		%
Iron	56-2	31995.83	23754.32	23512.06	26420.74	18.28	ppb
Iron	57-2	33627.82	25030.80	24791.03	27816.55	18.10	ppb
Iron	54-2	32311.99	23736.72	23318.54	26455.75	19.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:13:48	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	76.72	76.35	75.88	76.32	0.55	ppb
Lead	207-1	77.46	76.40	76.38	76.75	0.81	ppb
Lead	208-1	76.68	76.37	75.90	76.32	0.52	ppb
Lithium	6-1				81		%
Magnesium	24-2	8986.20	6479.92	6509.27	7325.13	19.64	ppb
Manganese	55-2	1204.32	889.11	887.22	993.55	18.37	ppb
Molybdenum	94-1	23.95	24.10	23.94	24.00	0.38	ppb
Molybdenum	95-1	0.30	0.27	0.25	0.27	10.04	ppb
Molybdenum	96-1	2.92	2.87	2.98	2.92	1.90	ppb
Molybdenum	97-1	0.23	0.30	0.30	0.28	13.99	ppb
Molybdenum	98-1	0.27	0.27	0.26	0.26	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	175.65	130.71	130.33	145.56	17.90	ppb
Phosphorus	31-2	1562.10	1087.07	1156.21	1268.46	20.23	ppb
Potassium	39-2	2070.23	1514.44	1498.10	1694.26	19.22	ppb
Rhodium	103-1				82		%
Rhodium	103-2				79		%
Scandium	45-1				78		%
Scandium	45-2				74		%
Selenium	82-1	16.78	16.26	16.92	16.65	2.07	ppb
Selenium	77-2	27.01	26.19	19.55	24.25	16.88	ppb
Selenium	78-2	21.68	18.08	16.80	18.85	13.42	ppb
Silicon	28-1	465.08	458.83	463.31	462.41	0.70	ppb
Silver	107-1	8.71	8.74	8.87	8.77	0.98	ppb
Silver	109-1	8.67	8.70	8.91	8.76	1.52	ppb
Sodium	23-2	127.48	93.17	92.13	104.26	19.30	ppb
Strontium	86-1	78.49	77.66	79.09	78.41	0.92	ppb
Strontium	88-1	78.52	78.46	79.37	78.78	0.64	ppb
Sulfur	34-1	-22.10	-28.83	-22.50	-24.48		ppb
Terbium	159-1				89		%
Terbium	159-2				85		%
Thallium	203-1	6.89	6.82	6.84	6.85	0.55	ppb
Thallium	205-1	6.87	6.83	6.82	6.84	0.35	ppb
Tin	118-1	1.76	1.71	1.78	1.75	2.06	ppb
Titanium	47-1	499.85	505.31	507.94	504.37	0.82	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:13:48	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.40	0.39	0.40	0.40	1.59	ppb
Vanadium	51-2	152.45	112.19	113.51	126.05	18.14	ppb
Yttrium	89-1				85		%
Yttrium	89-2				80		%
Zinc	66-2	437.86	324.31	317.71	359.96	18.76	ppb
Zirconium	90-1	13.57	13.34	13.54	13.48	0.90	ppb
Zirconium	91-1	13.30	13.36	13.56	13.41	1.03	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:17:02	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14375.99	14548.22	14610.63	14511.61	0.84	ppb
Antimony	121-1	75.15	74.78	75.11	75.02	0.27	ppb
Arsenic	75-2	74.24	74.80	74.06	74.37	0.52	ppb
Barium	135-1	1707.89	1691.80	1692.67	1697.45	0.53	ppb
Barium	137-1	1688.25	1693.22	1705.46	1695.64	0.52	ppb
Beryllium	9-1	38.55	39.45	37.60	38.53	2.39	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	36.90	38.18	38.91	38.00	2.68	ppb
Cadmium	106-1	35.64	36.07	34.55	35.42	2.22	ppb
Cadmium	111-1	40.39	40.37	39.83	40.19	0.78	ppb
Calcium	43-1	25618.63	26268.54	26094.20	25993.79	1.29	ppb
Calcium	44-1	23888.28	24364.79	24543.80	24265.62	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	180.63	181.68	178.68	180.33	0.84	ppb
Cobalt	59-2	392.73	395.04	392.62	393.46	0.35	ppb
Copper	63-2	627.22	627.32	624.00	626.18	0.30	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				89		%
Holmium	165-2				90		%
Indium	115-1				84		%
Indium	115-2				84		%
Iron	56-2	24636.45	24679.87	24590.90	24635.74	0.18	ppb
Iron	57-2	25723.30	25855.73	25743.02	25774.02	0.28	ppb
Iron	54-2	24993.54	24649.55	24870.27	24837.78	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:17:02	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	85.00	85.09	85.50	85.20	0.31	ppb
Lead	207-1	84.69	85.67	85.74	85.37	0.69	ppb
Lead	208-1	85.17	85.26	85.06	85.17	0.12	ppb
Lithium	6-1				79		%
Magnesium	24-2	6561.96	6562.62	6626.36	6583.65	0.56	ppb
Manganese	55-2	1191.01	1156.77	1177.58	1175.12	1.47	ppb
Molybdenum	94-1	23.37	23.86	24.13	23.79	1.62	ppb
Molybdenum	95-1	0.29	0.28	0.31	0.29	6.27	ppb
Molybdenum	96-1	2.90	3.01	2.92	2.94	1.89	ppb
Molybdenum	97-1	0.28	0.26	0.31	0.28	10.62	ppb
Molybdenum	98-1	0.27	0.28	0.27	0.27	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	437.39	439.66	439.98	439.01	0.32	ppb
Phosphorus	31-2	1178.19	1133.35	1106.57	1139.37	3.18	ppb
Potassium	39-2	1508.06	1520.94	1531.39	1520.13	0.77	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				78		%
Scandium	45-2				77		%
Selenium	82-1	81.63	82.16	81.26	81.68	0.56	ppb
Selenium	77-2	73.92	87.71	80.98	80.87	8.52	ppb
Selenium	78-2	78.16	82.18	77.84	79.39	3.04	ppb
Silicon	28-1	442.43	453.91	449.86	448.73	1.30	ppb
Silver	107-1	30.53	30.63	31.25	30.80	1.26	ppb
Silver	109-1	31.62	30.96	31.85	31.48	1.47	ppb
Sodium	23-2	91.57	90.50	93.72	91.93	1.78	ppb
Strontium	86-1	75.67	77.76	76.83	76.75	1.36	ppb
Strontium	88-1	76.16	78.23	77.63	77.34	1.37	ppb
Sulfur	34-1	28.01	43.29	22.80	31.37	33.94	ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	32.95	32.98	32.76	32.89	0.36	ppb
Thallium	205-1	32.33	32.38	32.56	32.42	0.36	ppb
Tin	118-1	1.70	1.73	1.71	1.71	0.79	ppb
Titanium	47-1	485.29	496.46	495.07	492.27	1.24	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:17:02	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.38	0.39	0.39	0.39	0.36	ppb
Vanadium	51-2	408.41	407.98	406.26	407.55	0.28	ppb
Yttrium	89-1				84		%
Yttrium	89-2				83		%
Zinc	66-2	626.35	631.26	625.91	627.84	0.47	ppb
Zirconium	90-1	13.31	13.43	13.34	13.36	0.45	ppb
Zirconium	91-1	12.89	13.35	13.67	13.30	2.93	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5D7	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:20:10	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23788.01	23879.06	23717.84	23794.97	0.34	ppb
Antimony	121-1	2.05	2.04	2.06	2.05	0.50	ppb
Arsenic	75-2	731.74	738.01	742.44	737.40	0.73	ppb
Barium	135-1	236.78	237.94	243.93	239.55	1.60	ppb
Barium	137-1	239.13	242.07	245.47	242.22	1.31	ppb
Beryllium	9-1	1.02	0.92	0.88	0.94	8.02	ppb
Bismuth	209-1				89		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.33	1.37	0.99	1.23	17.22	ppb
Cadmium	106-1	2.20	2.30	2.72	2.41	11.50	ppb
Cadmium	111-1	0.39	0.43	0.46	0.42	8.12	ppb
Calcium	43-1	9791.54	9976.31	10007.70	9925.18	1.18	ppb
Calcium	44-1	9166.70	9265.56	9294.47	9242.24	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	135.02	133.08	135.27	134.46	0.89	ppb
Cobalt	59-2	66.82	66.37	66.21	66.46	0.47	ppb
Copper	63-2	168.45	166.08	167.10	167.21	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				90		%
Holmium	165-2				89		%
Indium	115-1				85		%
Indium	115-2				82		%
Iron	56-2	121266.15	120647.73	120227.65	120713.84	0.43	ppb
Iron	57-2	119108.01	119393.38	119546.35	119349.24	0.19	ppb
Iron	54-2	120704.89	118878.73	119856.11	119813.24	0.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5D7	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:20:10	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.92	9.73	10.05	9.90	1.60	ppb
Lead	207-1	9.44	9.34	9.69	9.49	1.89	ppb
Lead	208-1	9.60	9.49	9.75	9.61	1.38	ppb
Lithium	6-1				80		%
Magnesium	24-2	11474.54	11331.07	11394.17	11399.92	0.63	ppb
Manganese	55-2	2978.79	2933.80	2934.39	2948.99	0.88	ppb
Molybdenum	94-1	16.27	16.82	17.33	16.81	3.15	ppb
Molybdenum	95-1	1.48	1.50	1.51	1.50	1.19	ppb
Molybdenum	96-1	4.04	4.01	3.98	4.01	0.64	ppb
Molybdenum	97-1	1.47	1.56	1.40	1.48	5.35	ppb
Molybdenum	98-1	1.43	1.47	1.51	1.47	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.98	116.14	118.61	117.58	1.09	ppb
Phosphorus	31-2	1600.61	1601.72	1652.95	1618.43	1.85	ppb
Potassium	39-2	2099.58	2107.64	2098.77	2102.00	0.23	ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				82		%
Scandium	45-2				81		%
Selenium	82-1	0.02	0.77	0.86	0.55	83.12	ppb
Selenium	77-2	9.20	5.77	9.01	8.00	24.09	ppb
Selenium	78-2	1.98	2.47	4.05	2.83	38.27	ppb
Silicon	28-1	422.30	435.14	435.44	430.96	1.74	ppb
Silver	107-1	0.13	0.11	0.10	0.11	14.83	ppb
Silver	109-1	0.12	0.09	0.08	0.10	19.93	ppb
Sodium	23-2	148.75	147.95	149.33	148.68	0.46	ppb
Strontium	86-1	55.19	55.39	56.50	55.69	1.26	ppb
Strontium	88-1	55.13	55.89	56.11	55.71	0.92	ppb
Sulfur	34-1	-602.02	-631.32	-673.74	-635.69		ppb
Terbium	159-1				90		%
Terbium	159-2				88		%
Thallium	203-1	0.25	0.27	0.27	0.26	5.23	ppb
Thallium	205-1	0.25	0.25	0.26	0.25	1.53	ppb
Tin	118-1	1.13	1.17	1.16	1.15	1.83	ppb
Titanium	47-1	294.32	303.43	299.19	298.98	1.52	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5D7	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:20:10	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.70	0.71	0.72	2.23	ppb
Vanadium	51-2	288.23	284.87	286.45	286.52	0.59	ppb
Yttrium	89-1				87		%
Yttrium	89-2				85		%
Zinc	66-2	157.46	157.35	155.29	156.70	0.78	ppb
Zirconium	90-1	8.58	8.79	8.71	8.69	1.22	ppb
Zirconium	91-1	8.71	9.10	8.80	8.87	2.33	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5D9	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:23:24	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25814.91	25604.45	25814.41	25744.59	0.47	ppb
Antimony	121-1	2.39	2.55	2.42	2.45	3.57	ppb
Arsenic	75-2	718.48	724.37	713.87	718.91	0.73	ppb
Barium	135-1	154.41	161.43	162.07	159.31	2.67	ppb
Barium	137-1	157.36	159.40	159.32	158.69	0.73	ppb
Beryllium	9-1	0.56	0.66	0.50	0.57	14.53	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.09	0.83	0.65	0.86	25.72	ppb
Cadmium	106-1	2.65	1.60	0.54	1.60	65.99	ppb
Cadmium	111-1	0.55	0.48	0.37	0.47	19.32	ppb
Calcium	43-1	4588.30	4402.83	4532.78	4507.97	2.11	ppb
Calcium	44-1	4514.80	4490.29	4583.12	4529.40	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.02	79.78	80.25	80.02	0.29	ppb
Cobalt	59-2	40.35	40.31	40.41	40.36	0.12	ppb
Copper	63-2	107.10	106.36	106.22	106.56	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				89		%
Holmium	165-2				88		%
Indium	115-1				83		%
Indium	115-2				81		%
Iron	56-2	89622.88	90120.31	89956.68	89899.96	0.28	ppb
Iron	57-2	87618.13	88391.33	88381.13	88130.20	0.50	ppb
Iron	54-2	89079.87	88618.89	89231.67	88976.81	0.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5D9	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:23:24	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.43	16.36	16.35	16.38	0.26	ppb
Lead	207-1	16.04	15.21	15.34	15.53	2.88	ppb
Lead	208-1	15.97	15.51	15.50	15.66	1.69	ppb
Lithium	6-1				80		%
Magnesium	24-2	13416.91	13364.09	13155.51	13312.17	1.04	ppb
Manganese	55-2	1502.36	1506.02	1501.84	1503.41	0.15	ppb
Molybdenum	94-1	10.38	10.29	10.22	10.30	0.81	ppb
Molybdenum	95-1	1.15	1.15	1.19	1.16	2.17	ppb
Molybdenum	96-1	2.92	2.75	2.78	2.82	3.16	ppb
Molybdenum	97-1	1.16	1.14	1.18	1.16	1.94	ppb
Molybdenum	98-1	1.17	1.12	1.16	1.15	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.31	66.24	65.86	66.14	0.37	ppb
Phosphorus	31-2	1168.94	1224.76	1187.80	1193.83	2.38	ppb
Potassium	39-2	2404.31	2412.81	2387.48	2401.53	0.54	ppb
Rhodium	103-1				81		%
Rhodium	103-2				81		%
Scandium	45-1				78		%
Scandium	45-2				77		%
Selenium	82-1	1.72	0.50	0.24	0.82	97.06	ppb
Selenium	77-2	7.29	10.92	6.83	8.35	26.84	ppb
Selenium	78-2	1.30	1.56	1.56	1.47	10.25	ppb
Silicon	28-1	295.40	292.27	301.22	296.30	1.53	ppb
Silver	107-1	0.10	0.09	0.11	0.10	6.25	ppb
Silver	109-1	0.10	0.10	0.09	0.10	3.16	ppb
Sodium	23-2	54.82	56.02	56.79	55.88	1.77	ppb
Strontium	86-1	32.51	32.45	32.40	32.46	0.17	ppb
Strontium	88-1	31.95	32.19	32.25	32.13	0.49	ppb
Sulfur	34-1	-437.98	-689.73	-558.88	-562.20		ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	0.07	0.07	0.06	0.07	7.89	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	13.07	ppb
Tin	118-1	1.24	1.21	1.30	1.25	3.46	ppb
Titanium	47-1	176.16	175.78	178.58	176.84	0.86	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5D9	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:23:24	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.57	0.56	0.58	2.34	ppb
Vanadium	51-2	195.93	197.10	195.55	196.20	0.41	ppb
Yttrium	89-1				84		%
Yttrium	89-2				83		%
Zinc	66-2	137.53	138.73	138.92	138.39	0.54	ppb
Zirconium	90-1	5.14	5.28	5.35	5.26	2.02	ppb
Zirconium	91-1	5.22	5.43	5.40	5.35	2.09	ppb

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5E7	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:26:36	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27012.36	27215.23	27081.52	27103.03	0.38	ppb
Antimony	121-1	6.73	6.89	6.83	6.82	1.24	ppb
Arsenic	75-2	551.39	541.28	554.65	549.11	1.27	ppb
Barium	135-1	251.89	254.88	254.27	253.68	0.62	ppb
Barium	137-1	252.52	255.44	257.40	255.12	0.96	ppb
Beryllium	9-1	0.80	0.93	0.90	0.88	7.52	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.24	0.99	1.06	1.10	11.69	ppb
Cadmium	106-1	1.12	0.14	0.80	0.69	72.30	ppb
Cadmium	111-1	0.27	0.16	0.21	0.21	25.67	ppb
Calcium	43-1	56004.53	56346.30	56996.60	56449.14	0.89	ppb
Calcium	44-1	51981.94	53185.86	53298.02	52821.94	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.74	480.95	483.15	482.61	0.30	ppb
Cobalt	59-2	62.74	62.10	62.54	62.46	0.52	ppb
Copper	63-2	147.84	146.27	147.42	147.18	0.55	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				88		%
Holmium	165-2				88		%
Indium	115-1				81		%
Indium	115-2				80		%
Iron	56-2	107085.16	107619.26	106774.08	107159.50	0.40	ppb
Iron	57-2	106404.21	107135.97	105828.48	106456.22	0.62	ppb
Iron	54-2	106679.99	106299.67	107386.19	106788.62	0.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5E7	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:26:36	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.39	13.34	13.60	13.44	1.02	ppb
Lead	207-1	12.41	12.04	12.27	12.24	1.55	ppb
Lead	208-1	12.68	12.47	12.64	12.60	0.90	ppb
Lithium	6-1				78		%
Magnesium	24-2	23187.19	23367.94	23101.82	23218.98	0.59	ppb
Manganese	55-2	3795.75	3777.85	3782.50	3785.36	0.25	ppb
Molybdenum	94-1	15.06	15.12	14.75	14.98	1.34	ppb
Molybdenum	95-1	2.61	2.58	2.66	2.62	1.56	ppb
Molybdenum	96-1	4.63	4.74	4.53	4.63	2.26	ppb
Molybdenum	97-1	2.60	2.42	2.56	2.53	3.68	ppb
Molybdenum	98-1	2.51	2.56	2.52	2.53	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	286.26	285.33	283.81	285.13	0.43	ppb
Phosphorus	31-2	774.74	827.83	807.53	803.36	3.33	ppb
Potassium	39-2	1098.75	1096.50	1101.41	1098.89	0.22	ppb
Rhodium	103-1				79		%
Rhodium	103-2				80		%
Scandium	45-1				78		%
Scandium	45-2				76		%
Selenium	82-1	1.08	0.95	0.92	0.98	8.98	ppb
Selenium	77-2	7.35	5.50	6.53	6.46	14.35	ppb
Selenium	78-2	1.62	0.24	2.41	1.42	77.21	ppb
Silicon	28-1	378.16	380.92	384.41	381.16	0.82	ppb
Silver	107-1	0.05	0.05	0.05	0.05	5.15	ppb
Silver	109-1	0.05	0.05	0.05	0.05	8.18	ppb
Sodium	23-2	101.07	101.85	103.82	102.24	1.39	ppb
Strontium	86-1	79.93	80.29	79.71	79.97	0.36	ppb
Strontium	88-1	80.41	79.72	80.72	80.28	0.64	ppb
Sulfur	34-1	-539.59	-455.84	-406.14	-467.19		ppb
Terbium	159-1				88		%
Terbium	159-2				87		%
Thallium	203-1	0.12	0.12	0.13	0.13	6.08	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	3.36	ppb
Tin	118-1	1.14	1.14	1.13	1.14	0.72	ppb
Titanium	47-1	465.94	469.73	473.20	469.62	0.77	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5E7	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:26:36	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.49	0.48	0.50	0.49	1.90	ppb
Vanadium	51-2	214.68	215.97	216.10	215.58	0.36	ppb
Yttrium	89-1				83		%
Yttrium	89-2				82		%
Zinc	66-2	108.06	108.50	108.10	108.22	0.23	ppb
Zirconium	90-1	7.17	7.25	7.38	7.27	1.42	ppb
Zirconium	91-1	7.21	7.02	7.50	7.24	3.34	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 00:29:48	DataFile Name :	166CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48407.18	48564.60	48530.66	48500.81	0.17	ppb
Antimony	121-1	496.99	499.88	503.53	500.14	0.65	ppb
Arsenic	75-2	496.88	489.04	500.28	495.40	1.16	ppb
Barium	135-1	2533.80	2561.32	2532.80	2542.64	0.64	ppb
Barium	137-1	2509.56	2534.84	2521.94	2522.11	0.50	ppb
Beryllium	9-1	513.15	517.71	519.46	516.77	0.63	ppb
Bismuth	209-1				80		%
Bismuth	209-2				79		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	491.21	499.23	496.60	495.68	0.82	ppb
Cadmium	106-1	488.24	492.02	490.64	490.30	0.39	ppb
Cadmium	111-1	493.37	496.78	492.03	494.06	0.50	ppb
Calcium	43-1	255840.64	256119.23	260354.54	257438.14	0.98	ppb
Calcium	44-1	252007.68	255934.69	256784.63	254909.00	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522.22	521.61	518.30	520.71	0.40	ppb
Cobalt	59-2	527.31	524.36	527.41	526.36	0.33	ppb
Copper	63-2	5178.13	5228.38	5215.01	5207.17	0.50	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				82		%
Holmium	165-2				84		%
Indium	115-1				72		%
Indium	115-2				72		%
Iron	56-2	134005.45	134057.88	133713.94	133925.76	0.14	ppb
Iron	57-2	131423.37	132866.30	132423.61	132237.76	0.56	ppb
Iron	54-2	131957.37	132790.93	132175.22	132307.84	0.33	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 00:29:48	DataFile Name :	166CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2565.81	2637.72	2649.58	2617.70	1.73	ppb
Lead	207-1	2579.87	2615.10	2638.38	2611.11	1.13	ppb
Lead	208-1	2579.47	2623.91	2646.72	2616.70	1.31	ppb
Lithium	6-1				68		%
Magnesium	24-2	243873.22	244290.76	242967.40	243710.46	0.28	ppb
Manganese	55-2	5176.06	5202.25	5221.93	5200.08	0.44	ppb
Molybdenum	94-1	5109.32	5212.36	5232.75	5184.81	1.28	ppb
Molybdenum	95-1	5137.03	5142.58	5187.77	5155.80	0.54	ppb
Molybdenum	96-1	5189.63	5175.53	5218.31	5194.49	0.42	ppb
Molybdenum	97-1	5178.24	5171.33	5190.97	5180.18	0.19	ppb
Molybdenum	98-1	5180.75	5228.02	5233.08	5213.95	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.25	522.51	519.34	520.36	0.36	ppb
Phosphorus	31-2	9884.10	9833.06	9957.55	9891.57	0.63	ppb
Potassium	39-2	123328.37	123793.23	123664.22	123595.27	0.19	ppb
Rhodium	103-1				67		%
Rhodium	103-2				69		%
Scandium	45-1				65		%
Scandium	45-2				67		%
Selenium	82-1	500.65	504.01	511.14	505.26	1.06	ppb
Selenium	77-2	512.83	500.49	483.09	498.81	3.00	ppb
Selenium	78-2	499.19	489.51	506.58	498.43	1.72	ppb
Silicon	28-1	626.32	626.35	642.95	631.87	1.52	ppb
Silver	107-1	486.21	484.04	480.64	483.63	0.58	ppb
Silver	109-1	482.44	483.38	478.86	481.56	0.49	ppb
Sodium	23-2	247878.01	246770.59	245643.07	246763.89	0.45	ppb
Strontium	86-1	12652.30	12759.33	12847.39	12753.01	0.77	ppb
Strontium	88-1	12890.48	12912.24	12964.56	12922.43	0.29	ppb
Sulfur	34-1	10318.85	10405.50	10387.32	10370.55	0.44	ppb
Terbium	159-1				82		%
Terbium	159-2				83		%
Thallium	203-1	528.24	528.47	536.42	531.04	0.88	ppb
Thallium	205-1	514.50	518.27	533.32	522.03	1.91	ppb
Tin	118-1	502.08	504.50	499.32	501.97	0.52	ppb
Titanium	47-1	5163.99	5211.29	5235.85	5203.71	0.70	ppb

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 00:29:48	DataFile Name :	166CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	532.92	540.69	544.00	539.20	1.05	ppb
Vanadium	51-2	524.53	525.65	523.80	524.66	0.18	ppb
Yttrium	89-1				73		%
Yttrium	89-2				73		%
Zinc	66-2	5311.43	5286.39	5240.15	5279.32	0.68	ppb
Zirconium	90-1	516.13	518.39	527.16	520.56	1.12	ppb
Zirconium	91-1	511.55	515.45	519.04	515.35	0.73	ppb

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 00:32:35	DataFile Name :	167CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.63	1.39	1.55	1.52	7.80	ppb
Antimony	121-1	0.36	0.35	0.42	0.37	10.09	ppb
Arsenic	75-2	0.06	0.04	0.09	0.06	33.28	ppb
Barium	135-1	0.08	0.07	0.06	0.07	17.07	ppb
Barium	137-1	0.06	0.06	0.07	0.07	11.67	ppb
Beryllium	9-1	0.06	0.13	0.10	0.10	33.02	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	-0.02	0.07	0.05	134.52	ppb
Cadmium	106-1	-0.79	-2.26	-1.70	-1.58		ppb
Cadmium	111-1	-0.01	-0.15	-0.10	-0.09		ppb
Calcium	43-1	3.73	7.60	3.02	4.78	51.53	ppb
Calcium	44-1	7.70	7.15	6.93	7.26	5.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.00	0.01	110.19	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	28.42	ppb
Copper	63-2	0.21	0.27	0.18	0.22	21.75	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				89		%
Holmium	165-2				89		%
Indium	115-1				83		%
Indium	115-2				82		%
Iron	56-2	6.76	6.47	6.45	6.56	2.62	ppb
Iron	57-2	3.02	4.42	3.32	3.59	20.52	ppb
Iron	54-2	7.50	7.11	9.41	8.01	15.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 00:32:35	DataFile Name :	167CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.16	0.13	0.11	0.13	18.90	ppb
Lead	207-1	0.15	0.16	0.10	0.14	22.88	ppb
Lead	208-1	0.15	0.14	0.12	0.14	10.87	ppb
Lithium	6-1				78		%
Magnesium	24-2	7.70	8.68	8.15	8.18	5.94	ppb
Manganese	55-2	0.20	0.18	0.22	0.20	9.95	ppb
Molybdenum	94-1	0.42	0.40	0.41	0.41	2.35	ppb
Molybdenum	95-1	0.31	0.29	0.31	0.30	3.12	ppb
Molybdenum	96-1	0.30	0.28	0.28	0.29	4.02	ppb
Molybdenum	97-1	0.26	0.27	0.26	0.26	2.72	ppb
Molybdenum	98-1	0.31	0.27	0.30	0.29	6.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-13.20	-15.22	-20.44	-16.29		ppb
Potassium	39-2	3.32	-0.01	0.95	1.42	120.73	ppb
Rhodium	103-1				80		%
Rhodium	103-2				82		%
Scandium	45-1				72		%
Scandium	45-2				74		%
Selenium	82-1	-1.08	0.44	0.54	-0.04		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.24	-1.48	0.09	-0.05		ppb
Silicon	28-1	-2.02	-1.84	-1.81	-1.89		ppb
Silver	107-1	0.06	0.04	0.05	0.05	20.25	ppb
Silver	109-1	0.06	0.06	0.05	0.06	7.29	ppb
Sodium	23-2	24.72	23.32	21.88	23.31	6.09	ppb
Strontium	86-1	0.40	0.34	0.38	0.37	8.31	ppb
Strontium	88-1	0.41	0.37	0.37	0.38	6.34	ppb
Sulfur	34-1	-217.10	-229.70	-101.96	-182.92		ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	0.10	0.07	0.05	0.07	33.54	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	13.93	ppb
Tin	118-1	0.05	0.09	0.14	0.10	45.25	ppb
Titanium	47-1	0.06	0.21	0.21	0.16	53.97	ppb

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 00:32:35	DataFile Name :	167CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	7.14	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	50.94	ppb
Yttrium	89-1				80		%
Yttrium	89-2				80		%
Zinc	66-2	0.11	0.03	0.21	0.12	78.54	ppb
Zirconium	90-1	0.07	0.08	0.08	0.08	7.54	ppb
Zirconium	91-1	0.06	0.07	0.07	0.07	13.70	ppb

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:51:29	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	110	103	110	6.06	cps
Antimony	121-1	97	90	107	98	8.58	cps
Arsenic	75-2	13	13	7	11	34.61	cps
Barium	135-1	80	100	90	90	11.11	cps
Barium	137-1	190	137	147	158	17.97	cps
Beryllium	9-1	53	80	47	60	29.40	cps
Bismuth	209-1	9379864	9347023	9413392	9380093	0.35	cps
Bismuth	209-2	7130024	7147777	7091710	7123171	0.40	cps
Bromine	81-1	8292	8029	8212	8178	1.65	cps
Bromine	81-2	63	57	27	49	39.94	cps
Cadmium	108-1	3	10	7	7	50.03	cps
Cadmium	106-1	3210	3247	2940	3133	5.35	cps
Cadmium	111-1	2248	2279	2054	2194	5.58	cps
Calcium	43-1	160	203	313	226	35.05	cps
Calcium	44-1	3304	3244	3047	3198	4.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	427	383	430	413	6.30	cps
Cobalt	59-2	143	153	120	139	12.32	cps
Copper	63-2	573	497	577	549	8.25	cps
Dysprosium	156-1	33	53	47	44	22.92	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	97	110	107	104	6.64	cps
Erbium	164-2	60	60	70	63	9.12	cps
Gadolinium	160-1	47	63	30	47	35.71	cps
Gadolinium	160-2	463	470	477	470	1.42	cps
Holmium	165-1	14887745	15000465	15045416	14977875	0.54	cps
Holmium	165-2	9743137	9847126	9746054	9778772	0.61	cps
Indium	115-1	11567419	11790144	11745869	11701144	1.01	cps
Indium	115-2	3743726	3666656	3645869	3685417	1.40	cps
Iron	56-2	9106	9436	9183	9242	1.87	cps
Iron	57-2	763	780	870	804	7.13	cps
Iron	54-2	1157	1063	1013	1078	6.75	cps
Krypton	83-1	87	117	147	117	25.71	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:51:29	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	390	427	423	413	4.91	cps
Lead	207-1	347	313	287	316	9.53	cps
Lead	208-1	1537	1487	1450	1491	2.92	cps
Lithium	6-1	2242130	2296482	2275846	2271486	1.21	cps
Magnesium	24-2	667	577	670	638	8.30	cps
Manganese	55-2	420	390	443	418	6.40	cps
Molybdenum	94-1	263	237	247	249	5.41	cps
Molybdenum	95-1	80	50	77	69	23.87	cps
Molybdenum	96-1	117	140	160	139	15.61	cps
Molybdenum	97-1	33	37	43	38	13.48	cps
Molybdenum	98-1	153	107	87	116	29.61	cps
Neodymium	150-1	13	20	3	12	68.66	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	140	100	97	112	21.49	cps
Phosphorus	31-2	87	83	77	82	6.19	cps
Potassium	39-2	34442	34272	34292	34335	0.27	cps
Rhodium	103-1	10556370	10559722	10474804	10530298	0.46	cps
Rhodium	103-2	5773165	5713248	5687036	5724483	0.77	cps
Scandium	45-1	6207627	6243727	6181912	6211089	0.50	cps
Scandium	45-2	501207	501579	497849	500211	0.41	cps
Selenium	82-1	408	381	379	390	4.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	167	107	143	139	21.78	cps
Silicon	28-1	162787	162453	163083	162775	0.19	cps
Silver	107-1	87	60	77	74	18.10	cps
Silver	109-1	43	40	37	40	8.32	cps
Sodium	23-2	7158	7048	7078	7095	0.80	cps
Strontium	86-1	183	183	190	186	2.07	cps
Strontium	88-1	207	223	203	211	5.08	cps
Sulfur	34-1	147248	149075	149298	148540	0.76	cps
Terbium	159-1	15459029	15446260	15362065	15422451	0.34	cps
Terbium	159-2	9655321	9681027	9558939	9631762	0.67	cps
Thallium	203-1	163	130	110	134	20.04	cps
Thallium	205-1	313	333	337	328	3.85	cps
Tin	118-1	627	710	907	748	19.23	cps
Titanium	47-1	157	100	113	123	24.02	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:51:29	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	63	73	73	70	8.25	cps
Vanadium	51-2	7	13	3	8	65.47	cps
Yttrium	89-1	12277199	12160118	12144843	12194053	0.59	cps
Yttrium	89-2	2836809	2829815	2847307	2837977	0.31	cps
Zinc	66-2	297	347	400	348	14.86	cps
Zirconium	90-1	670	600	623	631	5.65	cps
Zirconium	91-1	100	153	123	126	21.30	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:54:47	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3444	3664	3594	3567	3.15	cps
Antimony	121-1	13637	13590	13737	13654	0.55	cps
Arsenic	75-2	320	350	343	338	4.66	cps
Barium	135-1	17781	17725	18442	17983	2.22	cps
Barium	137-1	30907	30680	31451	31013	1.28	cps
Beryllium	9-1	1300	1290	1373	1321	3.44	cps
Bismuth	209-1	9122316	9311580	9161151	9198349	1.09	cps
Bismuth	209-2	7116913	7138974	7142324	7132737	0.19	cps
Bromine	81-1	8106	7966	7839	7970	1.67	cps
Bromine	81-2	53	57	27	46	36.09	cps
Cadmium	108-1	137	147	117	133	11.46	cps
Cadmium	106-1	3614	3454	3297	3455	4.58	cps
Cadmium	111-1	4127	4132	4073	4111	0.80	cps
Calcium	43-1	9877	9850	10150	9959	1.67	cps
Calcium	44-1	156797	158727	157229	157584	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5398	5564	5308	5423	2.40	cps
Cobalt	59-2	4061	3951	4111	4041	2.03	cps
Copper	63-2	5534	5511	5764	5603	2.50	cps
Dysprosium	156-1	60	37	43	47	25.75	cps
Dysprosium	156-2	7	23	3	11	96.43	cps
Erbium	164-1	120	93	93	102	15.06	cps
Erbium	164-2	70	83	70	74	10.34	cps
Gadolinium	160-1	47	50	40	46	11.18	cps
Gadolinium	160-2	490	463	480	478	2.82	cps
Holmium	165-1	14746221	14767439	14826191	14779950	0.28	cps
Holmium	165-2	9693211	9767157	9733282	9731217	0.38	cps
Indium	115-1	11534019	11593320	11491162	11539500	0.44	cps
Indium	115-2	3695890	3646684	3633638	3658737	0.90	cps
Iron	56-2	124806	123552	124806	124388	0.58	cps
Iron	57-2	3851	3664	3844	3786	2.80	cps
Iron	54-2	7732	8022	7876	7877	1.84	cps
Krypton	83-1	137	147	117	133	11.46	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:54:47	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5331	5211	5168	5237	1.62	cps
Lead	207-1	4811	4527	4774	4704	3.28	cps
Lead	208-1	21470	21300	21293	21355	0.47	cps
Lithium	6-1	2298646	2283014	2281150	2287603	0.42	cps
Magnesium	24-2	121709	124532	121912	122718	1.28	cps
Manganese	55-2	2337	2447	2400	2395	2.31	cps
Molybdenum	94-1	13910	14150	13913	13991	0.98	cps
Molybdenum	95-1	16549	16516	16907	16657	1.30	cps
Molybdenum	96-1	18876	18996	19486	19119	1.69	cps
Molybdenum	97-1	10400	10684	10337	10474	1.76	cps
Molybdenum	98-1	26621	27843	27509	27324	2.31	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1017	1130	1097	1081	5.39	cps
Phosphorus	31-2	313	283	350	316	10.58	cps
Potassium	39-2	180479	180941	182087	181169	0.46	cps
Rhodium	103-1	10327268	10301863	10420625	10349918	0.60	cps
Rhodium	103-2	5706160	5696861	5587872	5663631	1.16	cps
Scandium	45-1	6141481	6174582	6116551	6144205	0.47	cps
Scandium	45-2	494615	495031	494717	494788	0.04	cps
Selenium	82-1	844	818	867	843	2.95	cps
Selenium	77-2	47	50	30	42	25.38	cps
Selenium	78-2	247	347	303	299	16.78	cps
Silicon	28-1	183542	184499	184985	184342	0.40	cps
Silver	107-1	8042	8433	8299	8258	2.40	cps
Silver	109-1	7645	8082	8086	7938	3.19	cps
Sodium	23-2	198923	196695	197374	197664	0.58	cps
Strontium	86-1	2550	2330	2360	2414	4.94	cps
Strontium	88-1	19590	19223	19924	19579	1.79	cps
Sulfur	34-1	147605	147402	146874	147294	0.26	cps
Terbium	159-1	15181129	15296439	15260706	15246091	0.39	cps
Terbium	159-2	9555822	9707108	9585039	9615990	0.83	cps
Thallium	203-1	6408	6098	6505	6337	3.35	cps
Thallium	205-1	14928	15182	15142	15084	0.90	cps
Tin	118-1	30232	30118	30025	30125	0.35	cps
Titanium	47-1	4121	4301	4401	4274	3.32	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:54:47	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18630	19020	18730	18793	1.08	cps
Vanadium	51-2	10834	10874	11011	10906	0.85	cps
Yttrium	89-1	11955251	12184261	11975547	12038353	1.05	cps
Yttrium	89-2	2825218	2781627	2807009	2804618	0.78	cps
Zinc	66-2	2470	2644	2600	2571	3.51	cps
Zirconium	90-1	12445	12168	12389	12334	1.19	cps
Zirconium	91-1	2684	2647	3057	2796	8.12	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:58:06	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144196	143624	144913	144244	0.45	cps
Antimony	121-1	346269	353336	344921	348175	1.30	cps
Arsenic	75-2	15702	15385	15124	15404	1.88	cps
Barium	135-1	457267	461743	459851	459620	0.49	cps
Barium	137-1	813126	797855	813007	807996	1.09	cps
Beryllium	9-1	61414	62046	61531	61664	0.55	cps
Bismuth	209-1	9392268	9437784	9837104	9555719	2.56	cps
Bismuth	209-2	7053353	6983945	6992353	7009884	0.54	cps
Bromine	81-1	7369	7519	7992	7626	4.27	cps
Bromine	81-2	27	30	37	31	16.37	cps
Cadmium	108-1	6568	6885	6465	6639	3.30	cps
Cadmium	106-1	12772	12596	12579	12649	0.85	cps
Cadmium	111-1	90447	92465	90192	91035	1.37	cps
Calcium	43-1	107812	107665	107326	107601	0.23	cps
Calcium	44-1	1584720	1589355	1561283	1578453	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122166	123746	122119	122677	0.75	cps
Cobalt	59-2	188168	191515	188011	189231	1.05	cps
Copper	63-2	1366596	1362317	1346715	1358543	0.77	cps
Dysprosium	156-1	57	50	63	57	11.76	cps
Dysprosium	156-2	43	37	37	39	9.89	cps
Erbium	164-1	147	97	120	121	20.66	cps
Erbium	164-2	73	73	87	78	9.90	cps
Gadolinium	160-1	43	43	37	41	9.35	cps
Gadolinium	160-2	403	400	477	427	10.16	cps
Holmium	165-1	14467444	14653880	15744875	14955400	4.61	cps
Holmium	165-2	9704192	9765460	9687835	9719162	0.42	cps
Indium	115-1	11152504	11248966	12057209	11486226	4.33	cps
Indium	115-2	3603738	3566639	3568511	3579629	0.58	cps
Iron	56-2	5425690	5465176	5424479	5438448	0.43	cps
Iron	57-2	143743	143678	143363	143595	0.14	cps
Iron	54-2	319852	317508	316585	317982	0.53	cps
Krypton	83-1	133	137	130	133	2.50	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:58:06	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1267577	1282557	1271482	1273872	0.61	cps
Lead	207-1	1144752	1127848	1163541	1145380	1.56	cps
Lead	208-1	5519526	5450945	5445316	5471929	0.76	cps
Lithium	6-1	2326802	2302953	2416350	2348702	2.55	cps
Magnesium	24-2	1123838	1141422	1169578	1144946	2.02	cps
Manganese	55-2	955029	952157	948708	951965	0.33	cps
Molybdenum	94-1	1252725	1259189	1233985	1248633	1.05	cps
Molybdenum	95-1	1795373	1811118	1777051	1794514	0.95	cps
Molybdenum	96-1	1964758	2017598	1956898	1979751	1.67	cps
Molybdenum	97-1	1113113	1119017	1117492	1116541	0.27	cps
Molybdenum	98-1	2917594	2868604	2904184	2896794	0.87	cps
Neodymium	150-1	40	57	20	39	47.21	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	47268	47391	48351	47670	1.24	cps
Phosphorus	31-2	7218	7118	7265	7201	1.04	cps
Potassium	39-2	779748	782486	778861	780365	0.24	cps
Rhodium	103-1	10204804	10191978	11299120	10565301	6.02	cps
Rhodium	103-2	5582748	5546992	5500340	5543360	0.75	cps
Scandium	45-1	6091059	6211075	6543207	6281780	3.73	cps
Scandium	45-2	486943	489319	486989	487750	0.28	cps
Selenium	82-1	5392	5432	5512	5446	1.12	cps
Selenium	77-2	477	440	413	443	7.17	cps
Selenium	78-2	1613	1643	1727	1661	3.54	cps
Silicon	28-1	675587	684509	674156	678084	0.83	cps
Silver	107-1	432683	443434	431289	435802	1.53	cps
Silver	109-1	421330	423292	422271	422298	0.23	cps
Sodium	23-2	1895126	1869107	1873270	1879168	0.74	cps
Strontium	86-1	2850207	2851599	2804461	2835422	0.95	cps
Strontium	88-1	24731936	25014947	24224693	24657192	1.62	cps
Sulfur	34-1	175862	173648	172602	174037	0.96	cps
Terbium	159-1	15404838	15188509	16835308	15809551	5.66	cps
Terbium	159-2	9623945	9551071	9641257	9605424	0.50	cps
Thallium	203-1	321492	317244	328121	322286	1.70	cps
Thallium	205-1	763661	791414	757826	770967	2.33	cps
Tin	118-1	300894	297916	302835	300548	0.82	cps
Titanium	47-1	440927	439673	438055	439552	0.33	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 15:58:06	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	981795	994770	1017813	998126	1.83	cps
Vanadium	51-2	108187	109970	108902	109020	0.82	cps
Yttrium	89-1	11901226	12216784	12718461	12278824	3.36	cps
Yttrium	89-2	2784447	2740154	2738051	2754217	0.95	cps
Zinc	66-2	219702	221731	220328	220587	0.47	cps
Zirconium	90-1	583453	590556	578894	584301	1.01	cps
Zirconium	91-1	131368	131301	132054	131574	0.32	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:01:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	341699	338895	342846	341147	0.60	cps
Antimony	121-1	859105	869211	860744	863020	0.63	cps
Arsenic	75-2	37825	37143	37116	37361	1.07	cps
Barium	135-1	1151673	1155621	1150087	1152460	0.25	cps
Barium	137-1	2086430	2064282	2066684	2072465	0.59	cps
Beryllium	9-1	151196	152475	151069	151580	0.51	cps
Bismuth	209-1	9376014	9379739	9417784	9391179	0.25	cps
Bismuth	209-2	7017369	6989981	6874599	6960650	1.09	cps
Bromine	81-1	7886	7615	7419	7640	3.07	cps
Bromine	81-2	40	43	30	38	18.36	cps
Cadmium	108-1	15932	16336	16526	16265	1.86	cps
Cadmium	106-1	26471	26548	26291	26436	0.50	cps
Cadmium	111-1	223758	221887	221306	222317	0.58	cps
Calcium	43-1	262224	261350	262583	262052	0.24	cps
Calcium	44-1	3856507	3836569	3754238	3815771	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	294919	293556	290216	292897	0.83	cps
Cobalt	59-2	452173	449375	444348	448632	0.88	cps
Copper	63-2	3239609	3273116	3214223	3242316	0.91	cps
Dysprosium	156-1	57	80	63	67	18.03	cps
Dysprosium	156-2	57	87	37	60	41.94	cps
Erbium	164-1	93	153	140	129	24.45	cps
Erbium	164-2	73	77	53	68	18.62	cps
Gadolinium	160-1	83	70	47	67	27.83	cps
Gadolinium	160-2	443	470	427	447	4.89	cps
Holmium	165-1	14906980	15053631	14904101	14954904	0.57	cps
Holmium	165-2	9717345	9776307	9666180	9719944	0.57	cps
Indium	115-1	11410383	11303131	11312184	11341899	0.52	cps
Indium	115-2	3510424	3535219	3433537	3493060	1.52	cps
Iron	56-2	12887996	12832795	12922238	12881010	0.35	cps
Iron	57-2	341645	343159	342941	342582	0.24	cps
Iron	54-2	764488	747705	752135	754776	1.15	cps
Krypton	83-1	113	107	97	106	7.94	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:01:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3587832	3581941	3609264	3593012	0.40	cps
Lead	207-1	3150530	3225520	3188119	3188056	1.18	cps
Lead	208-1	14275071	14416384	14367431	14352962	0.50	cps
Lithium	6-1	2285007	2271089	2274518	2276871	0.32	cps
Magnesium	24-2	2751690	2694537	2704219	2716815	1.13	cps
Manganese	55-2	2233408	2193323	2229802	2218845	1.00	cps
Molybdenum	94-1	3016871	3030420	3034566	3027286	0.31	cps
Molybdenum	95-1	4421219	4400879	4397125	4406408	0.29	cps
Molybdenum	96-1	4775859	4784853	4782211	4780974	0.10	cps
Molybdenum	97-1	2761696	2787496	2724704	2757965	1.14	cps
Molybdenum	98-1	7118173	7240853	7047178	7135402	1.37	cps
Neodymium	150-1	53	90	57	67	30.41	cps
Neodymium	150-2	30	10	20	20	50.00	cps
Nickel	60-2	112743	113099	113781	113208	0.47	cps
Phosphorus	31-2	16773	16245	17186	16735	2.82	cps
Potassium	39-2	1736106	1687194	1673034	1698778	1.95	cps
Rhodium	103-1	10093603	10066759	9959472	10039945	0.71	cps
Rhodium	103-2	5375472	5378753	5379420	5377882	0.04	cps
Scandium	45-1	6048695	5952993	5918925	5973538	1.13	cps
Scandium	45-2	473418	468559	468225	470067	0.62	cps
Selenium	82-1	13136	12987	12761	12961	1.46	cps
Selenium	77-2	1227	1133	1083	1148	6.34	cps
Selenium	78-2	4141	4004	3534	3893	8.18	cps
Silicon	28-1	1435635	1434296	1443548	1437826	0.35	cps
Silver	107-1	1073435	1083666	1067919	1075007	0.74	cps
Silver	109-1	1030139	1021989	1025740	1025956	0.40	cps
Sodium	23-2	4599837	4475050	4476137	4517008	1.59	cps
Strontium	86-1	6904456	6966053	6875603	6915371	0.67	cps
Strontium	88-1	60363769	60174456	59687909	60075378	0.58	cps
Sulfur	34-1	207002	203604	202135	204247	1.22	cps
Terbium	159-1	15482387	15405665	15401665	15429906	0.29	cps
Terbium	159-2	9595723	9480695	9348599	9475005	1.31	cps
Thallium	203-1	809324	813614	804437	809125	0.57	cps
Thallium	205-1	2142076	2120028	2106002	2122702	0.86	cps
Tin	118-1	744451	738598	733567	738872	0.74	cps
Titanium	47-1	1077054	1072728	1068453	1072745	0.40	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:01:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2908626	2878137	2873819	2886860	0.66	cps
Vanadium	51-2	261261	258124	258999	259461	0.62	cps
Yttrium	89-1	11971423	11858482	11641682	11823862	1.42	cps
Yttrium	89-2	2683668	2722059	2639913	2681880	1.53	cps
Zinc	66-2	534048	531756	524254	530019	0.97	cps
Zirconium	90-1	1445517	1452852	1437556	1445308	0.53	cps
Zirconium	91-1	324510	323416	322323	323416	0.34	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:04:12	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	649568	643572	639810	644316	0.76	cps
Antimony	121-1	1700157	1720620	1695289	1705355	0.79	cps
Arsenic	75-2	70871	69307	69598	69926	1.19	cps
Barium	135-1	2380197	2377488	2344231	2367305	0.85	cps
Barium	137-1	4082980	4063376	4002278	4049545	1.04	cps
Beryllium	9-1	290853	289750	287947	289517	0.51	cps
Bismuth	209-1	9313620	9218842	9327272	9286578	0.64	cps
Bismuth	209-2	6928648	7004320	6803297	6912088	1.47	cps
Bromine	81-1	7158	6705	6828	6897	3.40	cps
Bromine	81-2	33	20	37	30	29.40	cps
Cadmium	108-1	31334	31655	30345	31111	2.19	cps
Cadmium	106-1	47681	47467	46364	47171	1.50	cps
Cadmium	111-1	425260	423943	419589	422930	0.70	cps
Calcium	43-1	498677	492532	486394	492534	1.25	cps
Calcium	44-1	7204438	7136682	7100615	7147245	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	555111	550991	548725	551609	0.59	cps
Cobalt	59-2	850584	842317	842508	845136	0.56	cps
Copper	63-2	6024679	5954704	5930189	5969857	0.82	cps
Dysprosium	156-1	83	87	63	78	16.23	cps
Dysprosium	156-2	117	203	73	131	50.49	cps
Erbium	164-1	103	153	137	131	19.42	cps
Erbium	164-2	73	80	77	77	4.35	cps
Gadolinium	160-1	70	80	77	76	6.74	cps
Gadolinium	160-2	397	473	533	468	14.64	cps
Holmium	165-1	15000389	14710745	14545984	14752373	1.56	cps
Holmium	165-2	9539354	9721329	9428579	9563087	1.55	cps
Indium	115-1	11081453	10929908	10914309	10975223	0.84	cps
Indium	115-2	3368188	3419475	3336766	3374810	1.24	cps
Iron	56-2	24581904	24393772	24372534	24449403	0.47	cps
Iron	57-2	645186	645194	640621	643667	0.41	cps
Iron	54-2	1368434	1335448	1343668	1349183	1.27	cps
Krypton	83-1	97	110	113	107	8.27	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:04:12	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7013064	7005836	7007319	7008740	0.05	cps
Lead	207-1	6286536	6183401	6271655	6247197	0.89	cps
Lead	208-1	28348014	27996947	28113485	28152816	0.64	cps
Lithium	6-1	2274304	2303789	2233569	2270554	1.55	cps
Magnesium	24-2	5125222	5129933	5112092	5122416	0.18	cps
Manganese	55-2	4231412	4182566	4133876	4182618	1.17	cps
Molybdenum	94-1	5815327	5792931	5750047	5786102	0.57	cps
Molybdenum	95-1	8473335	8531929	8451126	8485463	0.49	cps
Molybdenum	96-1	9206032	9172142	9177262	9185145	0.20	cps
Molybdenum	97-1	5244602	5242370	5237135	5241369	0.07	cps
Molybdenum	98-1	13880517	13754025	13608387	13747643	0.99	cps
Neodymium	150-1	123	170	177	157	18.55	cps
Neodymium	150-2	37	23	27	29	24.03	cps
Nickel	60-2	210252	209626	208915	209598	0.32	cps
Phosphorus	31-2	32374	31646	31973	31998	1.14	cps
Potassium	39-2	3171296	3189773	3125568	3162212	1.05	cps
Rhodium	103-1	9774775	9584044	9563551	9640790	1.21	cps
Rhodium	103-2	5103314	5129754	5109490	5114186	0.27	cps
Scandium	45-1	5759824	5687330	5614849	5687334	1.27	cps
Scandium	45-2	446263	441735	446628	444875	0.61	cps
Selenium	82-1	24322	24052	23978	24117	0.75	cps
Selenium	77-2	2117	2020	2067	2068	2.34	cps
Selenium	78-2	7165	7362	7102	7210	1.88	cps
Silicon	28-1	2531200	2503096	2481978	2505425	0.99	cps
Silver	107-1	2077998	2058673	2062489	2066387	0.50	cps
Silver	109-1	2012798	2004410	1968616	1995275	1.18	cps
Sodium	23-2	8610431	8661176	8459320	8576975	1.22	cps
Strontium	86-1	13423422	13190601	13168660	13260894	1.06	cps
Strontium	88-1	116791878	115923312	115160472	115958554	0.70	cps
Sulfur	34-1	254817	252974	248932	252241	1.19	cps
Terbium	159-1	15244746	15258772	15159855	15221124	0.35	cps
Terbium	159-2	9416778	9300323	9438916	9385339	0.79	cps
Thallium	203-1	1604608	1601795	1592274	1599559	0.40	cps
Thallium	205-1	4261388	4245399	4207072	4237953	0.66	cps
Tin	118-1	1424977	1423598	1425886	1424820	0.08	cps
Titanium	47-1	1997220	2012423	1974325	1994656	0.96	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:04:12	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5810898	5691923	5775599	5759474	1.06	cps
Vanadium	51-2	493946	488378	485588	489304	0.87	cps
Yttrium	89-1	11552526	11503311	11348295	11468044	0.93	cps
Yttrium	89-2	2584307	2566929	2541107	2564114	0.85	cps
Zinc	66-2	1002862	999097	993274	998411	0.48	cps
Zirconium	90-1	2799681	2792609	2764437	2785576	0.67	cps
Zirconium	91-1	625815	623899	616997	622237	0.75	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:07:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1234004	1231712	1202081	1222599	1.46	cps
Antimony	121-1	3354549	3340013	3328683	3341082	0.39	cps
Arsenic	75-2	135323	134896	135054	135091	0.16	cps
Barium	135-1	4551362	4556337	4599654	4569117	0.58	cps
Barium	137-1	7858963	7905062	7877093	7880372	0.29	cps
Beryllium	9-1	550467	550588	546086	549047	0.47	cps
Bismuth	209-1	9073886	9109745	9156718	9113450	0.46	cps
Bismuth	209-2	6723025	6669913	6616801	6669913	0.80	cps
Bromine	81-1	6682	6802	6718	6734	0.91	cps
Bromine	81-2	10	30	27	22	48.22	cps
Cadmium	108-1	59679	60224	59803	59902	0.48	cps
Cadmium	106-1	87243	87716	86378	87112	0.78	cps
Cadmium	111-1	808746	814770	807294	810270	0.49	cps
Calcium	43-1	937821	933679	926682	932727	0.60	cps
Calcium	44-1	13649266	13687400	13363734	13566800	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1056517	1056200	1050190	1054302	0.34	cps
Cobalt	59-2	1599689	1580002	1582958	1587550	0.67	cps
Copper	63-2	11401046	11348878	11431799	11393908	0.37	cps
Dysprosium	156-1	107	97	113	106	7.95	cps
Dysprosium	156-2	210	193	180	194	7.73	cps
Erbium	164-1	157	120	160	146	15.25	cps
Erbium	164-2	93	73	90	86	12.53	cps
Gadolinium	160-1	103	77	87	89	15.15	cps
Gadolinium	160-2	513	397	437	449	13.21	cps
Holmium	165-1	14642576	14678376	14481894	14600949	0.72	cps
Holmium	165-2	9466380	9275427	9288428	9343412	1.14	cps
Indium	115-1	10483320	10537288	10516646	10512418	0.26	cps
Indium	115-2	3188664	3209204	3189173	3195680	0.37	cps
Iron	56-2	47059726	47157789	46393171	46870229	0.89	cps
Iron	57-2	1237197	1228474	1230899	1232190	0.37	cps
Iron	54-2	2626144	2586438	2573461	2595348	1.06	cps
Krypton	83-1	147	100	117	121	19.53	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:07:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13927093	14054161	13855966	13945740	0.72	cps
Lead	207-1	12299807	12254935	12277245	12277329	0.18	cps
Lead	208-1	55508828	55999760	55616823	55708471	0.46	cps
Lithium	6-1	2207963	2224516	2188013	2206830	0.83	cps
Magnesium	24-2	9881421	9827808	9800559	9836596	0.42	cps
Manganese	55-2	8076703	8122206	7990512	8063140	0.83	cps
Molybdenum	94-1	11248411	11149879	11138763	11179018	0.54	cps
Molybdenum	95-1	16433712	16294528	16212201	16313480	0.69	cps
Molybdenum	96-1	17883204	17846573	17814799	17848192	0.19	cps
Molybdenum	97-1	10310740	10364112	10315992	10330282	0.28	cps
Molybdenum	98-1	26557970	26700221	26473546	26577246	0.43	cps
Neodymium	150-1	287	343	360	330	11.65	cps
Neodymium	150-2	40	47	83	57	41.17	cps
Nickel	60-2	400825	399114	397368	399102	0.43	cps
Phosphorus	31-2	60378	60241	60532	60384	0.24	cps
Potassium	39-2	6043808	6044874	6014249	6034311	0.29	cps
Rhodium	103-1	9157911	9216353	9119733	9164666	0.53	cps
Rhodium	103-2	4934900	4916969	4888651	4913506	0.47	cps
Scandium	45-1	5448629	5411030	5320373	5393344	1.22	cps
Scandium	45-2	427670	427885	423515	426356	0.58	cps
Selenium	82-1	45764	46145	45850	45920	0.43	cps
Selenium	77-2	3974	3857	4027	3953	2.20	cps
Selenium	78-2	13116	13286	13213	13205	0.65	cps
Silicon	28-1	4525921	4500630	4434730	4487093	1.05	cps
Silver	107-1	3916971	3934456	3945216	3932214	0.36	cps
Silver	109-1	3758998	3806769	3731888	3765885	1.01	cps
Sodium	23-2	16562034	16365685	16457529	16461749	0.60	cps
Strontium	86-1	25704618	25446097	25354910	25501875	0.71	cps
Strontium	88-1	225497210	225378023	221362477	224079237	1.05	cps
Sulfur	34-1	357511	353800	346163	352492	1.64	cps
Terbium	159-1	14878970	14971653	14896639	14915754	0.33	cps
Terbium	159-2	9125340	9131499	9199509	9152116	0.45	cps
Thallium	203-1	3514985	3500055	3459325	3491455	0.83	cps
Thallium	205-1	8347822	8369762	8313289	8343624	0.34	cps
Tin	118-1	2850167	2828821	2798071	2825686	0.93	cps
Titanium	47-1	3845875	3833932	3749448	3809752	1.38	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:07:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11530946	11556481	11466597	11518008	0.40	cps
Vanadium	51-2	942271	940733	944045	942350	0.18	cps
Yttrium	89-1	11023608	11170114	11001828	11065183	0.83	cps
Yttrium	89-2	2509546	2472215	2472149	2484637	0.87	cps
Zinc	66-2	1904074	1889273	1872679	1888675	0.83	cps
Zirconium	90-1	5323069	5299203	5307480	5309917	0.23	cps
Zirconium	91-1	1201285	1207762	1193953	1201000	0.58	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:09:52	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2392969	2357739	2339096	2363268	1.16	cps
Antimony	121-1	6471125	6533387	6505407	6503306	0.48	cps
Arsenic	75-2	266173	264721	261926	264273	0.82	cps
Barium	135-1	9121112	9040834	9008240	9056729	0.64	cps
Barium	137-1	15744291	15607854	15505319	15619155	0.77	cps
Beryllium	9-1	1049104	1050483	1049025	1049537	0.08	cps
Bismuth	209-1	9012969	9004790	8942022	8986594	0.43	cps
Bismuth	209-2	6680694	6539213	6615823	6611910	1.07	cps
Bromine	81-1	6378	6775	6518	6557	3.07	cps
Bromine	81-2	53	43	50	49	10.42	cps
Cadmium	108-1	114582	116315	116090	115662	0.81	cps
Cadmium	106-1	168292	168167	167108	167856	0.39	cps
Cadmium	111-1	1569193	1565297	1574013	1569501	0.28	cps
Calcium	43-1	1731712	1705118	1742682	1726504	1.12	cps
Calcium	44-1	26479892	26429482	26401155	26436843	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2018189	2024301	2013406	2018632	0.27	cps
Cobalt	59-2	3118494	3076614	3054530	3083213	1.05	cps
Copper	63-2	21789914	21722361	21626425	21712900	0.38	cps
Dysprosium	156-1	213	163	180	186	13.72	cps
Dysprosium	156-2	397	443	360	400	10.44	cps
Erbium	164-1	163	160	183	169	7.47	cps
Erbium	164-2	113	127	130	123	7.15	cps
Gadolinium	160-1	117	117	107	113	5.09	cps
Gadolinium	160-2	427	393	433	418	5.13	cps
Holmium	165-1	14730380	14528865	14833435	14697560	1.05	cps
Holmium	165-2	9497510	9272205	9292374	9354030	1.33	cps
Indium	115-1	10332180	10227391	10271394	10276988	0.51	cps
Indium	115-2	3210396	3156934	3160555	3175962	0.94	cps
Iron	56-2	91704035	91182662	90850409	91245702	0.47	cps
Iron	57-2	2308028	2300836	2296926	2301930	0.24	cps
Iron	54-2	5065123	5057881	4998292	5040432	0.73	cps
Krypton	83-1	107	110	143	120	16.90	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:09:52	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27531869	27270025	27288512	27363468	0.53	cps
Lead	207-1	24350697	24531760	24273818	24385425	0.54	cps
Lead	208-1	110797988	110025798	109647536	110157107	0.53	cps
Lithium	6-1	2207845	2125175	2117901	2150307	2.32	cps
Magnesium	24-2	19291746	19174265	18982739	19149583	0.81	cps
Manganese	55-2	15890004	15712359	15747630	15783331	0.60	cps
Molybdenum	94-1	21919834	22160646	21895397	21991959	0.67	cps
Molybdenum	95-1	32031534	32392618	32223430	32215860	0.56	cps
Molybdenum	96-1	34906780	34896128	35043443	34948784	0.24	cps
Molybdenum	97-1	20179817	20204829	20077817	20154154	0.33	cps
Molybdenum	98-1	52192571	52139066	52126918	52152851	0.07	cps
Neodymium	150-1	493	610	520	541	11.30	cps
Neodymium	150-2	117	137	87	113	22.20	cps
Nickel	60-2	762941	760264	755726	759644	0.48	cps
Phosphorus	31-2	117715	116418	115992	116708	0.77	cps
Potassium	39-2	11774445	11750920	11702925	11742763	0.31	cps
Rhodium	103-1	9041588	8864822	8926808	8944406	1.00	cps
Rhodium	103-2	4903722	4787153	4762836	4817904	1.56	cps
Scandium	45-1	5372940	5232239	5237088	5280755	1.51	cps
Scandium	45-2	426994	418600	420238	421944	1.05	cps
Selenium	82-1	88699	88480	88969	88716	0.28	cps
Selenium	77-2	7679	7582	7719	7660	0.92	cps
Selenium	78-2	26220	26116	25402	25913	1.72	cps
Silicon	28-1	9467160	9370849	9305163	9381057	0.87	cps
Silver	107-1	7497096	7477418	7500541	7491685	0.17	cps
Silver	109-1	7274005	7347925	7138842	7253591	1.46	cps
Sodium	23-2	32807926	32125340	32222469	32385245	1.14	cps
Strontium	86-1	50021573	49939696	50326978	50096082	0.41	cps
Strontium	88-1	435923047	436889967	438006900	436939971	0.24	cps
Sulfur	34-1	568343	562614	561014	563990	0.68	cps
Terbium	159-1	15274038	14998804	15156776	15143206	0.91	cps
Terbium	159-2	9179061	9239692	9183117	9200623	0.37	cps
Thallium	203-1	6796315	6843166	6864843	6834775	0.51	cps
Thallium	205-1	16534375	16434901	16505457	16491578	0.31	cps
Tin	118-1	5543900	5524070	5469637	5512536	0.70	cps
Titanium	47-1	7363577	7369216	7352313	7361702	0.12	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:09:52	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22767365	22913786	23110988	22930713	0.75	cps
Vanadium	51-2	1799866	1831711	1784791	1805456	1.33	cps
Yttrium	89-1	11086012	11041394	10956655	11028020	0.60	cps
Yttrium	89-2	2508959	2481050	2451022	2480344	1.17	cps
Zinc	66-2	3681019	3623730	3617726	3640825	0.96	cps
Zirconium	90-1	10528064	10563677	10454073	10515271	0.53	cps
Zirconium	91-1	2350625	2366326	2362598	2359850	0.35	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:12:38	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11813929	11773714	11970944	11852862	0.88	cps
Antimony	121-1	5294	5244	5491	5343	2.44	cps
Arsenic	75-2	210	173	183	189	10.03	cps
Barium	135-1	3370	3290	3420	3360	1.95	cps
Barium	137-1	6135	6075	5851	6020	2.48	cps
Beryllium	9-1	323	243	217	261	21.26	cps
Bismuth	209-1	7837966	7746871	7725373	7770070	0.77	cps
Bismuth	209-2	5740740	5969443	5758618	5822934	2.18	cps
Bromine	81-1	7055	6942	6662	6886	2.94	cps
Bromine	81-2	50	17	57	41	52.12	cps
Cadmium	108-1	77	60	40	59	31.18	cps
Cadmium	106-1	2657	2854	2854	2788	4.07	cps
Cadmium	111-1	2053	2222	2200	2158	4.26	cps
Calcium	43-1	7547838	7566236	7704288	7606121	1.12	cps
Calcium	44-1	120863918	122650888	124002848	122505885	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7522	7592	7919	7678	2.76	cps
Cobalt	59-2	8419	8189	7946	8185	2.89	cps
Copper	63-2	4844	4894	4841	4860	0.62	cps
Dysprosium	156-1	333	260	280	291	13.02	cps
Dysprosium	156-2	153	147	233	178	27.13	cps
Erbium	164-1	267	280	263	270	3.27	cps
Erbium	164-2	193	140	153	162	17.11	cps
Gadolinium	160-1	263	250	253	256	2.71	cps
Gadolinium	160-2	563	610	500	558	9.90	cps
Holmium	165-1	13583226	13544604	13601526	13576452	0.21	cps
Holmium	165-2	8861169	9107253	8892146	8953522	1.50	cps
Indium	115-1	9507408	9503859	9384079	9465115	0.74	cps
Indium	115-2	2966092	3032814	3015958	3004955	1.15	cps
Iron	56-2	434836634	433240260	437241793	435106229	0.46	cps
Iron	57-2	10900864	10826447	10807019	10844777	0.46	cps
Iron	54-2	23689622	23563825	23710920	23654789	0.34	cps
Krypton	83-1	143	103	97	114	22.06	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:12:38	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7052	7225	6758	7012	3.37	cps
Lead	207-1	6325	5891	5815	6010	4.58	cps
Lead	208-1	28786	27571	26424	27593	4.28	cps
Lithium	6-1	2006454	2012132	2002436	2007007	0.24	cps
Magnesium	24-2	96932712	96128075	97417159	96825982	0.67	cps
Manganese	55-2	7862	7765	7719	7782	0.94	cps
Molybdenum	94-1	6792	6398	6548	6579	3.02	cps
Molybdenum	95-1	6872	6572	6668	6704	2.29	cps
Molybdenum	96-1	12986	12846	12889	12907	0.56	cps
Molybdenum	97-1	4101	3857	4181	4046	4.16	cps
Molybdenum	98-1	10531	10250	10260	10347	1.54	cps
Neodymium	150-1	160	157	143	153	5.75	cps
Neodymium	150-2	73	83	70	76	9.18	cps
Nickel	60-2	3997	3811	4004	3937	2.79	cps
Phosphorus	31-2	123	130	123	126	3.06	cps
Potassium	39-2	59111432	59041347	59232217	59128332	0.16	cps
Rhodium	103-1	7775523	7823508	7839843	7812958	0.43	cps
Rhodium	103-2	4314456	4380583	4347177	4347405	0.76	cps
Scandium	45-1	5070714	5083144	5118291	5090716	0.48	cps
Scandium	45-2	408575	428525	420609	419237	2.40	cps
Selenium	82-1	385	457	429	424	8.58	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	120	80	130	110	24.05	cps
Silicon	28-1	193368	197986	198800	196718	1.49	cps
Silver	107-1	1503	1343	1243	1363	9.62	cps
Silver	109-1	1437	1407	1157	1333	11.53	cps
Sodium	23-2	160779271	162269881	161792181	161613778	0.47	cps
Strontium	86-1	7882	7842	7732	7819	0.99	cps
Strontium	88-1	70689	67313	66767	68256	3.11	cps
Sulfur	34-1	115811	116627	115962	116134	0.37	cps
Terbium	159-1	14080196	13865331	13779952	13908493	1.11	cps
Terbium	159-2	8536569	8838522	8550257	8641782	1.97	cps
Thallium	203-1	1060	953	917	977	7.62	cps
Thallium	205-1	2620	2214	2070	2301	12.40	cps
Tin	118-1	7062	7339	7329	7243	2.17	cps
Titanium	47-1	1703	1683	1623	1670	2.49	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:12:38	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1097	1077	973	1049	6.31	cps
Vanadium	51-2	430	470	413	438	6.65	cps
Yttrium	89-1	10301054	10226310	10163368	10230244	0.67	cps
Yttrium	89-2	2343752	2446588	2395188	2395176	2.15	cps
Zinc	66-2	2290	2227	2297	2271	1.70	cps
Zirconium	90-1	7205	7062	6938	7068	1.89	cps
Zirconium	91-1	1640	1527	1553	1573	3.77	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICV010	Instrumnet Name :	P7
Client Sample ID :	ICV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:18:50	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64956	63648	63008	63871	1.55	cps
Antimony	121-1	1307224	1315288	1315372	1312628	0.36	cps
Arsenic	75-2	57133	57313	56858	57101	0.40	cps
Barium	135-1	172217	173601	175433	173750	0.93	cps
Barium	137-1	297732	299943	302762	300145	0.84	cps
Beryllium	9-1	114219	115682	116462	115454	0.99	cps
Bismuth	209-1	9473726	9396389	9280757	9383624	1.03	cps
Bismuth	209-2	6951125	6910749	7019492	6960455	0.79	cps
Bromine	81-1	6638	6461	6608	6569	1.44	cps
Bromine	81-2	30	57	40	42	31.91	cps
Cadmium	108-1	10777	11044	11211	11011	1.99	cps
Cadmium	106-1	16873	17751	17944	17523	3.26	cps
Cadmium	111-1	167738	169077	170454	169089	0.80	cps
Calcium	43-1	34058	34148	35004	34403	1.52	cps
Calcium	44-1	551687	554197	557189	554358	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	229145	228045	227591	228260	0.35	cps
Cobalt	59-2	349438	349257	347224	348639	0.35	cps
Copper	63-2	236753	233896	234258	234969	0.66	cps
Dysprosium	156-1	33	37	40	37	9.10	cps
Dysprosium	156-2	33	27	20	27	24.99	cps
Erbium	164-1	123	120	123	122	1.58	cps
Erbium	164-2	87	27	73	62	50.63	cps
Gadolinium	160-1	37	60	47	48	24.50	cps
Gadolinium	160-2	483	403	473	453	9.62	cps
Holmium	165-1	14500042	14547147	14554639	14533942	0.20	cps
Holmium	165-2	9545282	9716602	9514477	9592120	1.14	cps
Indium	115-1	11026918	11089159	10899201	11005093	0.88	cps
Indium	115-2	3433038	3487888	3459905	3460277	0.79	cps
Iron	56-2	3919554	3980323	3886034	3928637	1.22	cps
Iron	57-2	103218	103748	103208	103391	0.30	cps
Iron	54-2	236047	233377	233517	234314	0.64	cps
Krypton	83-1	117	100	107	108	7.78	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICV010	Instrumnet Name :	P7
Client Sample ID :	ICV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:18:50	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1116551	1119271	1124648	1120157	0.37	cps
Lead	207-1	946077	956572	967007	956552	1.09	cps
Lead	208-1	4659191	4657326	4650798	4655772	0.09	cps
Lithium	6-1	2239612	2272525	2276082	2262740	0.89	cps
Magnesium	24-2	261825	260548	257916	260096	0.77	cps
Manganese	55-2	174684	173915	174410	174336	0.22	cps
Molybdenum	94-1	1650	1430	1537	1539	7.15	cps
Molybdenum	95-1	1337	1403	1370	1370	2.43	cps
Molybdenum	96-1	1880	1737	1547	1721	9.72	cps
Molybdenum	97-1	717	810	800	776	6.61	cps
Molybdenum	98-1	2310	2130	2277	2239	4.28	cps
Neodymium	150-1	27	33	30	30	11.10	cps
Neodymium	150-2	23	0	7	10	120.16	cps
Nickel	60-2	95786	95521	94918	95408	0.47	cps
Phosphorus	31-2	90	67	93	83	17.43	cps
Potassium	39-2	558218	557488	551579	555761	0.66	cps
Rhodium	103-1	9718930	9583851	9558884	9620555	0.90	cps
Rhodium	103-2	5408036	5379928	5311801	5366589	0.92	cps
Scandium	45-1	5623426	5614471	5625570	5621156	0.10	cps
Scandium	45-2	456303	461592	454710	457535	0.79	cps
Selenium	82-1	19515	20056	19871	19814	1.39	cps
Selenium	77-2	1603	1713	1583	1633	4.29	cps
Selenium	78-2	6061	5771	5785	5872	2.79	cps
Silicon	28-1	139420	142380	141273	141024	1.06	cps
Silver	107-1	388541	392906	398185	393211	1.23	cps
Silver	109-1	373352	378470	378625	376816	0.80	cps
Sodium	23-2	725763	723987	717687	722479	0.59	cps
Strontium	86-1	1013	833	1023	957	11.18	cps
Strontium	88-1	6562	6348	6475	6461	1.66	cps
Sulfur	34-1	128293	131191	130017	129834	1.12	cps
Terbium	159-1	15110959	14898742	14909821	14973174	0.80	cps
Terbium	159-2	9417867	9411126	9401625	9410206	0.09	cps
Thallium	203-1	1428096	1430613	1442642	1433784	0.54	cps
Thallium	205-1	3697300	3754780	3758258	3736779	0.92	cps
Tin	118-1	2214	2554	2774	2514	11.23	cps
Titanium	47-1	237	243	220	233	5.15	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICV010	Instrumnet Name :	P7
Client Sample ID :	ICV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:18:50	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	237	230	243	237	2.82	cps
Vanadium	51-2	193706	196032	194587	194775	0.60	cps
Yttrium	89-1	11281522	11369764	11216999	11289428	0.68	cps
Yttrium	89-2	2668817	2625274	2631632	2641908	0.89	cps
Zinc	66-2	80562	80345	80193	80367	0.23	cps
Zirconium	90-1	2057	2080	2010	2049	1.74	cps
Zirconium	91-1	567	567	570	568	0.34	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICB010	Instrumnet Name :	P7
Client Sample ID :	ICB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:22:25	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127	117	140	128	9.16	cps
Antimony	121-1	800	917	1010	909	11.58	cps
Arsenic	75-2	10	23	23	19	40.75	cps
Barium	135-1	57	70	107	78	33.29	cps
Barium	137-1	163	147	143	151	7.09	cps
Beryllium	9-1	147	117	117	127	13.67	cps
Bismuth	209-1	9508586	9528899	9365192	9467559	0.94	cps
Bismuth	209-2	7144489	7095685	7065507	7101894	0.56	cps
Bromine	81-1	7142	7155	6832	7043	2.60	cps
Bromine	81-2	63	50	53	56	12.49	cps
Cadmium	108-1	7	7	7	7	0.00	cps
Cadmium	106-1	3034	2970	3120	3041	2.48	cps
Cadmium	111-1	2129	2101	2200	2143	2.37	cps
Calcium	43-1	160	233	183	192	19.49	cps
Calcium	44-1	3114	3460	3314	3296	5.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	387	400	403	397	2.22	cps
Cobalt	59-2	110	147	173	143	22.19	cps
Copper	63-2	537	620	593	583	7.30	cps
Dysprosium	156-1	53	43	33	43	23.08	cps
Dysprosium	156-2	23	10	3	12	83.33	cps
Erbium	164-1	83	87	103	91	11.76	cps
Erbium	164-2	50	43	63	52	19.50	cps
Gadolinium	160-1	50	47	50	49	3.93	cps
Gadolinium	160-2	470	403	460	444	8.09	cps
Holmium	165-1	14690462	14841689	14779620	14770590	0.51	cps
Holmium	165-2	9677370	9643400	9647079	9655949	0.19	cps
Indium	115-1	11186626	11153286	11180116	11173343	0.16	cps
Indium	115-2	3498602	3484774	3491890	3491755	0.20	cps
Iron	56-2	10744	10280	10460	10495	2.23	cps
Iron	57-2	713	743	740	732	2.25	cps
Iron	54-2	1227	1200	1117	1181	4.86	cps
Krypton	83-1	97	70	113	93	23.42	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICB010	Instrumnet Name :	P7
Client Sample ID :	ICB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:22:25	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	870	630	717	739	16.45	cps
Lead	207-1	600	657	643	633	4.68	cps
Lead	208-1	2987	2840	2947	2925	2.59	cps
Lithium	6-1	2320256	2287910	2264843	2291003	1.21	cps
Magnesium	24-2	1297	1297	1420	1338	5.32	cps
Manganese	55-2	390	373	467	410	12.14	cps
Molybdenum	94-1	470	343	453	422	16.30	cps
Molybdenum	95-1	157	103	147	136	20.92	cps
Molybdenum	96-1	257	277	230	254	9.20	cps
Molybdenum	97-1	100	77	77	84	15.95	cps
Molybdenum	98-1	237	270	207	238	13.32	cps
Neodymium	150-1	13	10	13	12	15.73	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	60	57	100	72	33.39	cps
Phosphorus	31-2	67	77	83	76	11.10	cps
Potassium	39-2	31947	32000	32154	32034	0.34	cps
Rhodium	103-1	9921452	9914855	9935926	9924078	0.11	cps
Rhodium	103-2	5388613	5350611	5420791	5386672	0.65	cps
Scandium	45-1	5712527	5739896	5739350	5730591	0.27	cps
Scandium	45-2	465013	464114	466087	465071	0.21	cps
Selenium	82-1	342	399	335	359	9.86	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	140	147	143	143	2.33	cps
Silicon	28-1	138889	138885	139272	139015	0.16	cps
Silver	107-1	313	247	277	279	11.97	cps
Silver	109-1	343	267	257	289	16.41	cps
Sodium	23-2	14053	13843	13930	13942	0.76	cps
Strontium	86-1	277	270	290	279	3.65	cps
Strontium	88-1	733	763	683	727	5.56	cps
Sulfur	34-1	133258	133235	134230	133574	0.43	cps
Terbium	159-1	15348901	15177036	15227602	15251180	0.58	cps
Terbium	159-2	9481915	9402808	9456003	9446909	0.43	cps
Thallium	203-1	443	360	333	379	15.14	cps
Thallium	205-1	897	730	667	764	15.54	cps
Tin	118-1	617	523	577	572	8.18	cps
Titanium	47-1	93	107	120	107	12.50	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICB010	Instrumnet Name :	P7
Client Sample ID :	ICB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:22:25	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60	40	33	44	31.23	cps
Vanadium	51-2	13	7	7	9	43.25	cps
Yttrium	89-1	11608246	11603356	11502479	11571361	0.52	cps
Yttrium	89-2	2647624	2628176	2677881	2651227	0.94	cps
Zinc	66-2	380	403	397	393	3.06	cps
Zirconium	90-1	790	873	910	858	7.17	cps
Zirconium	91-1	167	150	213	177	18.58	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICSA010	Instrumnet Name :	P7
Client Sample ID :	ICSA010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:25:43	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10914105	11102564	10885153	10967274	1.08	cps
Antimony	121-1	7519	7492	7836	7615	2.51	cps
Arsenic	75-2	97	100	123	107	13.62	cps
Barium	135-1	2380	2420	2370	2390	1.11	cps
Barium	137-1	4381	4227	4257	4288	1.90	cps
Beryllium	9-1	417	403	390	403	3.31	cps
Bismuth	209-1	8795255	8893363	8881895	8856838	0.61	cps
Bismuth	209-2	6645251	6567809	6638300	6617120	0.65	cps
Bromine	81-1	7555	7392	7855	7601	3.09	cps
Bromine	81-2	123	93	113	110	13.89	cps
Cadmium	108-1	887	840	820	849	4.03	cps
Cadmium	106-1	2970	2680	2810	2820	5.15	cps
Cadmium	111-1	2552	2385	2577	2504	4.16	cps
Calcium	43-1	1506938	1552968	1551351	1537085	1.70	cps
Calcium	44-1	24365890	24387801	24468566	24407419	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41500	42322	41293	41705	1.31	cps
Cobalt	59-2	3934	3967	4157	4019	3.00	cps
Copper	63-2	17801	17630	17587	17673	0.64	cps
Dysprosium	156-1	67	23	23	38	66.24	cps
Dysprosium	156-2	17	40	40	32	41.80	cps
Erbium	164-1	143	157	120	140	13.26	cps
Erbium	164-2	60	107	80	82	28.48	cps
Gadolinium	160-1	63	97	73	78	22.00	cps
Gadolinium	160-2	447	390	523	453	14.76	cps
Holmium	165-1	14691168	14737510	14728150	14718943	0.17	cps
Holmium	165-2	9637909	9649080	9531614	9606201	0.67	cps
Indium	115-1	10456183	10494969	10558078	10503077	0.49	cps
Indium	115-2	3304747	3271410	3248319	3274825	0.87	cps
Iron	56-2	182166937	180646984	180838751	181217557	0.46	cps
Iron	57-2	4587626	4525201	4536993	4549940	0.73	cps
Iron	54-2	9933876	9953698	9882060	9923212	0.37	cps
Krypton	83-1	140	103	117	120	15.47	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICSA010	Instrumnet Name :	P7
Client Sample ID :	ICSA010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:25:43	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25781	25377	25664	25608	0.81	cps
Lead	207-1	20522	19951	20128	20201	1.45	cps
Lead	208-1	97178	96585	96463	96742	0.40	cps
Lithium	6-1	2189706	2184627	2154296	2176210	0.88	cps
Magnesium	24-2	19140886	19250157	18873456	19088167	1.02	cps
Manganese	55-2	13416	13269	13176	13287	0.91	cps
Molybdenum	94-1	3253667	3335565	3276308	3288513	1.29	cps
Molybdenum	95-1	5797045	5835266	5769575	5800629	0.57	cps
Molybdenum	96-1	6206821	6206953	6205804	6206526	0.01	cps
Molybdenum	97-1	3650898	3614201	3649323	3638141	0.57	cps
Molybdenum	98-1	9443897	9446214	9549600	9479903	0.64	cps
Neodymium	150-1	47	57	40	48	17.56	cps
Neodymium	150-2	13	20	13	16	24.76	cps
Nickel	60-2	4227	4287	4451	4322	2.68	cps
Phosphorus	31-2	591506	595162	584015	590228	0.96	cps
Potassium	39-2	23437662	23497778	22933670	23289704	1.33	cps
Rhodium	103-1	9015305	8896894	8964197	8958799	0.66	cps
Rhodium	103-2	4986991	4901827	4911617	4933479	0.94	cps
Scandium	45-1	5460653	5391242	5363382	5405092	0.93	cps
Scandium	45-2	441287	441849	437402	440179	0.55	cps
Selenium	82-1	301	347	361	336	9.40	cps
Selenium	77-2	0	0	17	6	173.21	cps
Selenium	78-2	113	153	113	127	18.24	cps
Silicon	28-1	199152	201600	200556	200436	0.61	cps
Silver	107-1	817	713	630	720	12.99	cps
Silver	109-1	827	550	553	643	24.68	cps
Sodium	23-2	32014497	32393656	31739260	32049138	1.03	cps
Strontium	86-1	66670	67082	68230	67327	1.20	cps
Strontium	88-1	583566	584579	589393	585846	0.53	cps
Sulfur	34-1	2339210	2298447	2312764	2316807	0.89	cps
Terbium	159-1	15102528	15064130	14946229	15037629	0.54	cps
Terbium	159-2	9469185	9456191	9396856	9440744	0.41	cps
Thallium	203-1	1937	2550	3347	2611	27.08	cps
Thallium	205-1	4564	6482	7532	6193	24.30	cps
Tin	118-1	1393	1703	2265	1787	24.71	cps
Titanium	47-1	1396845	1398901	1409473	1401740	0.48	cps

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LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICSA010	Instrumnet Name :	P7
Client Sample ID :	ICSA010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:25:43	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	383	327	340	350	8.47	cps
Vanadium	51-2	357	370	373	367	2.40	cps
Yttrium	89-1	11132440	11083909	11046414	11087588	0.39	cps
Yttrium	89-2	2564712	2585122	2531293	2560376	1.06	cps
Zinc	66-2	4487	4521	4234	4414	3.55	cps
Zirconium	90-1	1337	1477	1423	1412	5.00	cps
Zirconium	91-1	290	313	347	317	8.99	cps

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LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICSAB010	Instrumnet Name :	P7
Client Sample ID :	ICSAB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:28:48	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11253207	11139007	11221137	11204450	0.53	cps
Antimony	121-1	135491	134654	136207	135451	0.57	cps
Arsenic	75-2	5775	5678	5641	5698	1.21	cps
Barium	135-1	36106	36808	36671	36528	1.02	cps
Barium	137-1	62831	63397	63786	63338	0.76	cps
Beryllium	9-1	22213	22209	21612	22011	1.57	cps
Bismuth	209-1	9001294	9087310	8981085	9023230	0.63	cps
Bismuth	209-2	6711308	6651078	6737156	6699847	0.66	cps
Bromine	81-1	7809	7662	8066	7846	2.60	cps
Bromine	81-2	203	190	167	187	9.94	cps
Cadmium	108-1	2727	2867	2980	2858	4.44	cps
Cadmium	106-1	5381	5541	5438	5453	1.49	cps
Cadmium	111-1	33229	33139	33405	33257	0.41	cps
Calcium	43-1	1575013	1568808	1555891	1566571	0.62	cps
Calcium	44-1	24965323	25037781	25153880	25052328	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85752	84840	84562	85051	0.73	cps
Cobalt	59-2	68793	67394	68495	68227	1.08	cps
Copper	63-2	60890	62339	61345	61525	1.20	cps
Dysprosium	156-1	63	60	60	61	3.15	cps
Dysprosium	156-2	37	10	20	22	60.63	cps
Erbium	164-1	133	147	140	140	4.76	cps
Erbium	164-2	63	83	87	78	16.23	cps
Gadolinium	160-1	73	80	73	76	5.10	cps
Gadolinium	160-2	447	553	503	501	10.65	cps
Holmium	165-1	14978771	15234539	15164197	15125836	0.87	cps
Holmium	165-2	9711855	9568368	9628206	9636143	0.75	cps
Indium	115-1	10685270	10801649	10775182	10754034	0.57	cps
Indium	115-2	3325474	3315790	3357304	3332856	0.65	cps
Iron	56-2	186557644	185835477	184920611	185771244	0.44	cps
Iron	57-2	4589113	4579284	4628982	4599127	0.57	cps
Iron	54-2	10139038	10087223	10010960	10079074	0.64	cps
Krypton	83-1	117	117	100	111	8.66	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICSAB010	Instrumnet Name :	P7
Client Sample ID :	ICSAB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:28:48	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	130509	130809	132283	131200	0.72	cps
Lead	207-1	111005	110531	112467	111335	0.91	cps
Lead	208-1	511877	509582	514726	512062	0.50	cps
Lithium	6-1	2164239	2224259	2146057	2178185	1.88	cps
Magnesium	24-2	19483258	19441083	19552227	19492190	0.29	cps
Manganese	55-2	46361	46552	46488	46467	0.21	cps
Molybdenum	94-1	3317167	3359920	3429509	3368865	1.68	cps
Molybdenum	95-1	5916364	5988775	5959732	5954957	0.61	cps
Molybdenum	96-1	6419636	6335065	6374240	6376314	0.66	cps
Molybdenum	97-1	3767883	3677863	3699642	3715130	1.26	cps
Molybdenum	98-1	9754170	9629174	9717588	9700311	0.66	cps
Neodymium	150-1	40	40	50	43	13.32	cps
Neodymium	150-2	7	27	20	18	57.27	cps
Nickel	60-2	20718	20204	20461	20461	1.26	cps
Phosphorus	31-2	603649	596810	601122	600527	0.58	cps
Potassium	39-2	23685695	23732045	23737430	23718390	0.12	cps
Rhodium	103-1	9166069	9135102	9170578	9157250	0.21	cps
Rhodium	103-2	5024484	4975043	5027660	5009062	0.59	cps
Scandium	45-1	5477988	5577838	5515826	5523884	0.91	cps
Scandium	45-2	447835	446111	448596	447514	0.28	cps
Selenium	82-1	2298	2134	2283	2238	4.05	cps
Selenium	77-2	183	213	147	181	18.44	cps
Selenium	78-2	603	600	700	634	8.95	cps
Silicon	28-1	204887	207084	209588	207186	1.14	cps
Silver	107-1	142464	143057	145235	143585	1.02	cps
Silver	109-1	135628	137663	138137	137142	0.97	cps
Sodium	23-2	32813607	32718830	33047901	32860113	0.52	cps
Strontium	86-1	68803	69228	69550	69194	0.54	cps
Strontium	88-1	595843	601627	602420	599964	0.60	cps
Sulfur	34-1	2330749	2367187	2338283	2345406	0.82	cps
Terbium	159-1	15340189	15522026	15266283	15376166	0.86	cps
Terbium	159-2	9604567	9480357	9450952	9511959	0.86	cps
Thallium	203-1	140196	139667	140711	140192	0.37	cps
Thallium	205-1	333755	331885	336717	334119	0.73	cps
Tin	118-1	1563	1327	2962	1951	45.31	cps
Titanium	47-1	1429823	1436349	1421048	1429073	0.54	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	ICSAB010	Instrumnet Name :	P7
Client Sample ID :	ICSAB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:28:48	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	313	377	293	328	13.27	cps
Vanadium	51-2	37567	38242	37897	37902	0.89	cps
Yttrium	89-1	11167392	11378062	11303497	11282983	0.95	cps
Yttrium	89-2	2615248	2587307	2627132	2609896	0.78	cps
Zinc	66-2	12252	12152	12168	12191	0.44	cps
Zirconium	90-1	997	1177	1057	1077	8.51	cps
Zirconium	91-1	297	233	257	262	12.21	cps

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LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:31:51	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6225169	6204769	6206472	6212137	0.18	cps
Antimony	121-1	3290811	3291923	3342946	3308560	0.90	cps
Arsenic	75-2	134512	136006	135612	135377	0.57	cps
Barium	135-1	4696938	4657287	4631732	4661986	0.70	cps
Barium	137-1	8024898	7990904	8034442	8016748	0.29	cps
Beryllium	9-1	549232	551042	551112	550462	0.19	cps
Bismuth	209-1	8679915	8666346	8640268	8662176	0.23	cps
Bismuth	209-2	6313965	6327264	6195691	6278973	1.15	cps
Bromine	81-1	7229	7138	7095	7154	0.95	cps
Bromine	81-2	50	40	30	40	25.00	cps
Cadmium	108-1	57724	58310	58631	58222	0.79	cps
Cadmium	106-1	85832	86197	85403	85810	0.46	cps
Cadmium	111-1	783026	787499	786101	785542	0.29	cps
Calcium	43-1	4198705	4230219	4171487	4200137	0.70	cps
Calcium	44-1	66553811	67239622	66712187	66835207	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1077590	1078816	1088576	1081661	0.56	cps
Cobalt	59-2	1620585	1631295	1627880	1626587	0.34	cps
Copper	63-2	11359211	11422460	11234089	11338586	0.85	cps
Dysprosium	156-1	193	190	237	207	12.60	cps
Dysprosium	156-2	290	293	220	268	15.47	cps
Erbium	164-1	200	290	223	238	19.64	cps
Erbium	164-2	143	127	147	139	7.72	cps
Gadolinium	160-1	133	180	167	160	15.02	cps
Gadolinium	160-2	433	497	563	498	13.06	cps
Holmium	165-1	14599684	14643529	14630948	14624720	0.15	cps
Holmium	165-2	9388642	9351660	9193761	9311354	1.11	cps
Indium	115-1	10305773	10253446	10219870	10259696	0.42	cps
Indium	115-2	3133729	3155586	3086886	3125401	1.12	cps
Iron	56-2	236825303	237948110	236227056	237000156	0.37	cps
Iron	57-2	5881141	5898530	5892963	5890878	0.15	cps
Iron	54-2	12930852	13026161	12851972	12936329	0.67	cps
Krypton	83-1	103	107	130	113	12.82	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:31:51	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13883749	13760232	13938791	13860924	0.66	cps
Lead	207-1	12314961	12183408	12454971	12317780	1.10	cps
Lead	208-1	55679585	55360093	56107070	55715583	0.67	cps
Lithium	6-1	2127993	2088919	2106587	2107833	0.93	cps
Magnesium	24-2	50628131	50547133	50889481	50688248	0.35	cps
Manganese	55-2	8395870	8409227	8351095	8385397	0.36	cps
Molybdenum	94-1	11561799	11555694	11506298	11541264	0.26	cps
Molybdenum	95-1	16857246	16882684	16709015	16816315	0.56	cps
Molybdenum	96-1	18315348	18377566	18309473	18334129	0.21	cps
Molybdenum	97-1	10470659	10630873	10528708	10543413	0.77	cps
Molybdenum	98-1	27128556	27453835	27274226	27285539	0.60	cps
Neodymium	150-1	377	367	383	376	2.23	cps
Neodymium	150-2	70	100	80	83	18.33	cps
Nickel	60-2	398597	399744	400749	399697	0.27	cps
Phosphorus	31-2	61563	61844	61623	61677	0.24	cps
Potassium	39-2	31048472	31026485	31230381	31101779	0.36	cps
Rhodium	103-1	8641176	8675160	8635105	8650480	0.25	cps
Rhodium	103-2	4694130	4710236	4637617	4680661	0.81	cps
Scandium	45-1	5414883	5429094	5332229	5392069	0.97	cps
Scandium	45-2	436013	435349	432617	434660	0.41	cps
Selenium	82-1	44629	45386	45077	45031	0.85	cps
Selenium	77-2	3797	3610	3811	3739	2.99	cps
Selenium	78-2	13580	13183	13093	13285	1.95	cps
Silicon	28-1	5433336	5319294	5469653	5407428	1.45	cps
Silver	107-1	3804118	3821271	3788401	3804597	0.43	cps
Silver	109-1	3654808	3627679	3662477	3648322	0.50	cps
Sodium	23-2	85774345	85531199	86339999	85881848	0.48	cps
Strontium	86-1	26081602	26141505	26187586	26136898	0.20	cps
Strontium	88-1	228880317	230662517	227893230	229145354	0.61	cps
Sulfur	34-1	349462	353169	356235	352955	0.96	cps
Terbium	159-1	15038556	14928579	14904206	14957113	0.48	cps
Terbium	159-2	9349538	9169823	9118336	9212566	1.32	cps
Thallium	203-1	3482272	3504553	3593217	3526680	1.66	cps
Thallium	205-1	8363832	8155372	8404862	8308022	1.61	cps
Tin	118-1	2803476	2885993	2846752	2845407	1.45	cps
Titanium	47-1	3933943	3933193	3930968	3932701	0.04	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:31:51	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11653355	11950494	11875865	11826572	1.31	cps
Vanadium	51-2	978122	974500	977754	976792	0.20	cps
Yttrium	89-1	11072237	10985804	11021032	11026357	0.39	cps
Yttrium	89-2	2498885	2483202	2498917	2493668	0.36	cps
Zinc	66-2	1866493	1863636	1849524	1859884	0.49	cps
Zirconium	90-1	5463417	5477157	5534820	5491798	0.69	cps
Zirconium	91-1	1240511	1247774	1239101	1242462	0.37	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:34:39	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	473	497	500	490	2.97	cps
Antimony	121-1	2644	2680	2887	2737	4.79	cps
Arsenic	75-2	17	7	7	10	57.72	cps
Barium	135-1	243	233	187	221	13.68	cps
Barium	137-1	463	363	340	389	16.85	cps
Beryllium	9-1	207	183	183	191	7.05	cps
Bismuth	209-1	9636351	9522093	9396056	9518167	1.26	cps
Bismuth	209-2	7157247	7079347	7029856	7088817	0.91	cps
Bromine	81-1	6882	7188	7219	7096	2.63	cps
Bromine	81-2	37	20	27	28	30.20	cps
Cadmium	108-1	13	17	13	14	13.35	cps
Cadmium	106-1	3050	2960	2850	2954	3.39	cps
Cadmium	111-1	2189	2124	2029	2114	3.81	cps
Calcium	43-1	370	287	263	307	18.29	cps
Calcium	44-1	6025	5184	5288	5499	8.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	453	493	420	456	8.06	cps
Cobalt	59-2	177	187	177	180	3.21	cps
Copper	63-2	1060	1233	1190	1161	7.77	cps
Dysprosium	156-1	20	33	23	26	27.15	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	110	103	93	102	8.21	cps
Erbium	164-2	77	50	80	69	23.87	cps
Gadolinium	160-1	53	67	43	54	21.51	cps
Gadolinium	160-2	507	453	440	467	7.56	cps
Holmium	165-1	14967695	14870779	14888164	14908880	0.35	cps
Holmium	165-2	9627425	9546464	9531004	9568298	0.54	cps
Indium	115-1	10983157	11106933	11036920	11042337	0.56	cps
Indium	115-2	3424610	3403994	3416727	3415110	0.30	cps
Iron	56-2	18692	19196	20274	19387	4.17	cps
Iron	57-2	843	943	897	894	5.59	cps
Iron	54-2	1630	1660	1647	1646	0.91	cps
Krypton	83-1	107	80	110	99	16.63	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:34:39	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1643	1420	1407	1490	8.92	cps
Lead	207-1	1410	1200	1143	1251	11.23	cps
Lead	208-1	6461	5504	5290	5752	10.84	cps
Lithium	6-1	2203056	2235712	2244765	2227844	0.98	cps
Magnesium	24-2	3117	3054	3307	3159	4.17	cps
Manganese	55-2	600	613	667	627	5.63	cps
Molybdenum	94-1	1517	1477	1490	1495	1.36	cps
Molybdenum	95-1	1197	1073	1023	1098	8.13	cps
Molybdenum	96-1	1480	1237	1217	1311	11.18	cps
Molybdenum	97-1	780	717	663	720	8.11	cps
Molybdenum	98-1	2010	1633	1757	1800	10.67	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	10	17	9	94.38	cps
Nickel	60-2	93	70	137	100	33.83	cps
Phosphorus	31-2	73	137	93	101	32.02	cps
Potassium	39-2	34743	34466	34118	34442	0.91	cps
Rhodium	103-1	9787601	9676225	9626433	9696753	0.85	cps
Rhodium	103-2	5369998	5363261	5306327	5346529	0.65	cps
Scandium	45-1	5568715	5584803	5532209	5561909	0.48	cps
Scandium	45-2	452628	451486	452725	452280	0.15	cps
Selenium	82-1	377	357	331	355	6.57	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	137	137	170	148	13.02	cps
Silicon	28-1	141755	142773	143060	142529	0.48	cps
Silver	107-1	677	530	457	554	20.20	cps
Silver	109-1	573	413	410	466	20.05	cps
Sodium	23-2	23291	23091	23031	23137	0.59	cps
Strontium	86-1	1033	933	857	941	9.41	cps
Strontium	88-1	7849	5855	5738	6480	18.31	cps
Sulfur	34-1	122664	123074	124482	123407	0.77	cps
Terbium	159-1	15200939	15314615	15029223	15181592	0.95	cps
Terbium	159-2	9348261	9260403	9453825	9354163	1.04	cps
Thallium	203-1	900	777	730	802	10.95	cps
Thallium	205-1	2164	1970	1743	1959	10.73	cps
Tin	118-1	1253	1217	1463	1311	10.15	cps
Titanium	47-1	300	303	373	326	12.72	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:34:39	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	390	250	290	310	23.26	cps
Vanadium	51-2	27	30	37	31	16.37	cps
Yttrium	89-1	11404895	11341204	11301459	11349186	0.46	cps
Yttrium	89-2	2622144	2624720	2628290	2625051	0.12	cps
Zinc	66-2	473	490	450	471	4.26	cps
Zirconium	90-1	2307	2394	2200	2300	4.21	cps
Zirconium	91-1	553	537	567	552	2.72	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BL	Instrumnet Name :	P7
Client Sample ID :	PBS703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:37:56	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	177	150	148	20.34	cps
Antimony	121-1	620	727	860	736	16.35	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	107	110	103	107	3.12	cps
Barium	137-1	167	120	117	134	20.79	cps
Beryllium	9-1	97	113	130	113	14.70	cps
Bismuth	209-1	9546943	9524195	9345608	9472249	1.16	cps
Bismuth	209-2	7032812	7107797	7016225	7052278	0.69	cps
Bromine	81-1	7198	7295	7622	7372	3.01	cps
Bromine	81-2	23	63	53	47	44.61	cps
Cadmium	108-1	7	13	13	11	34.61	cps
Cadmium	106-1	3270	3100	3187	3186	2.67	cps
Cadmium	111-1	2315	2194	2252	2253	2.67	cps
Calcium	43-1	190	160	230	193	18.16	cps
Calcium	44-1	3037	2984	2980	3000	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	330	380	370	360	7.35	cps
Cobalt	59-2	163	160	170	164	3.10	cps
Copper	63-2	687	687	683	686	0.28	cps
Dysprosium	156-1	20	37	10	22	60.63	cps
Dysprosium	156-2	23	13	3	13	75.02	cps
Erbium	164-1	87	97	83	89	7.81	cps
Erbium	164-2	57	70	53	60	14.70	cps
Gadolinium	160-1	53	43	77	58	29.61	cps
Gadolinium	160-2	360	423	523	436	18.91	cps
Holmium	165-1	14954924	15010530	14943771	14969742	0.24	cps
Holmium	165-2	9691629	9654818	9543166	9629871	0.80	cps
Indium	115-1	11274379	11274288	11262207	11270291	0.06	cps
Indium	115-2	3451323	3509563	3469636	3476841	0.86	cps
Iron	56-2	11258	11248	11374	11293	0.62	cps
Iron	57-2	783	730	707	740	5.31	cps
Iron	54-2	1243	1230	1227	1233	0.72	cps
Krypton	83-1	110	137	103	117	15.12	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BL	Instrumnet Name :	P7
Client Sample ID :	PBS703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:37:56	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	910	760	750	807	11.11	cps
Lead	207-1	793	810	720	774	6.18	cps
Lead	208-1	3584	3327	3084	3331	7.51	cps
Lithium	6-1	2234223	2305760	2274282	2271422	1.58	cps
Magnesium	24-2	1327	1297	1367	1330	2.64	cps
Manganese	55-2	363	377	327	356	7.28	cps
Molybdenum	94-1	540	513	547	533	3.31	cps
Molybdenum	95-1	400	320	393	371	11.96	cps
Molybdenum	96-1	400	563	487	483	16.91	cps
Molybdenum	97-1	233	173	250	219	18.42	cps
Molybdenum	98-1	573	527	497	532	7.26	cps
Neodymium	150-1	23	20	7	17	52.90	cps
Neodymium	150-2	0	3	20	8	137.80	cps
Nickel	60-2	87	67	77	77	13.04	cps
Phosphorus	31-2	103	97	83	94	10.78	cps
Potassium	39-2	32775	33360	32702	32946	1.09	cps
Rhodium	103-1	10084638	10017318	9862887	9988281	1.14	cps
Rhodium	103-2	5490585	5351190	5388736	5410170	1.33	cps
Scandium	45-1	5761926	5820855	5769059	5783947	0.56	cps
Scandium	45-2	460009	461681	461161	460950	0.19	cps
Selenium	82-1	375	334	392	367	8.15	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	113	143	120	126	12.55	cps
Silicon	28-1	137869	140793	141627	140096	1.41	cps
Silver	107-1	223	220	183	209	10.62	cps
Silver	109-1	217	163	167	182	16.39	cps
Sodium	23-2	17336	16903	17230	17156	1.32	cps
Strontium	86-1	487	450	380	439	12.35	cps
Strontium	88-1	2234	1777	1750	1920	14.15	cps
Sulfur	34-1	128286	131685	132287	130753	1.65	cps
Terbium	159-1	15423090	15316061	15347494	15362215	0.36	cps
Terbium	159-2	9521291	9382303	9418036	9440543	0.76	cps
Thallium	203-1	473	450	350	424	15.44	cps
Thallium	205-1	1153	1007	997	1052	8.34	cps
Tin	118-1	580	577	767	641	16.96	cps
Titanium	47-1	143	143	163	150	7.70	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BL	Instrumnet Name :	P7
Client Sample ID :	PBS703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:37:56	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	87	80	90	86	5.95	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Yttrium	89-1	11702358	11491720	11635585	11609887	0.93	cps
Yttrium	89-2	2697459	2633556	2675941	2668985	1.22	cps
Zinc	66-2	300	333	287	307	7.84	cps
Zirconium	90-1	1030	993	947	990	4.22	cps
Zirconium	91-1	227	187	227	213	10.83	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BS	Instrumnet Name :	P7
Client Sample ID :	LCS703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:41:15	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5234	5484	5818	5512	5.31	cps
Antimony	121-1	27984	28158	28532	28224	0.99	cps
Arsenic	75-2	583	667	580	610	8.05	cps
Barium	135-1	35544	35541	35812	35632	0.44	cps
Barium	137-1	60903	62825	62172	61966	1.58	cps
Beryllium	9-1	2397	2434	2524	2451	2.66	cps
Bismuth	209-1	9378720	9347377	9375618	9367238	0.18	cps
Bismuth	209-2	6975641	7061616	6960719	6999325	0.78	cps
Bromine	81-1	7712	7695	7302	7570	3.07	cps
Bromine	81-2	47	70	47	54	24.74	cps
Cadmium	108-1	243	280	250	258	7.58	cps
Cadmium	106-1	3560	3500	3130	3397	6.86	cps
Cadmium	111-1	5886	5815	5580	5760	2.78	cps
Calcium	43-1	17487	18208	17530	17742	2.28	cps
Calcium	44-1	286190	285405	287976	286524	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10867	10507	10437	10604	2.18	cps
Cobalt	59-2	7489	7649	7258	7465	2.63	cps
Copper	63-2	10994	11014	11334	11114	1.72	cps
Dysprosium	156-1	33	30	10	24	51.62	cps
Dysprosium	156-2	17	10	13	13	25.01	cps
Erbium	164-1	107	137	103	116	15.89	cps
Erbium	164-2	80	53	43	59	32.19	cps
Gadolinium	160-1	40	43	53	46	15.23	cps
Gadolinium	160-2	480	387	410	426	11.41	cps
Holmium	165-1	14837381	14669817	14605098	14704099	0.82	cps
Holmium	165-2	9520005	9567548	9518995	9535516	0.29	cps
Indium	115-1	11263448	11213836	11084240	11187175	0.83	cps
Indium	115-2	3469671	3513558	3469307	3484179	0.73	cps
Iron	56-2	895252	889414	884539	889735	0.60	cps
Iron	57-2	22554	23081	22951	22862	1.20	cps
Iron	54-2	49778	49956	49595	49776	0.36	cps
Krypton	83-1	107	90	97	98	8.58	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BS	Instrumnet Name :	P7
Client Sample ID :	LCS703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:41:15	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11085	11078	10928	11030	0.80	cps
Lead	207-1	10044	9737	9820	9867	1.61	cps
Lead	208-1	44809	44379	44472	44553	0.51	cps
Lithium	6-1	2282125	2215569	2221505	2239733	1.64	cps
Magnesium	24-2	239086	238998	238091	238725	0.23	cps
Manganese	55-2	4077	4057	4047	4061	0.38	cps
Molybdenum	94-1	28087	27686	28107	27960	0.85	cps
Molybdenum	95-1	33398	32974	32850	33074	0.87	cps
Molybdenum	96-1	37241	37628	37652	37507	0.62	cps
Molybdenum	97-1	20561	21246	21182	20996	1.80	cps
Molybdenum	98-1	53518	54073	54217	53936	0.68	cps
Neodymium	150-1	23	10	10	14	53.28	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	1990	2000	1950	1980	1.34	cps
Phosphorus	31-2	90	100	87	92	7.52	cps
Potassium	39-2	313616	315464	313203	314094	0.38	cps
Rhodium	103-1	10037477	9899907	9971525	9969636	0.69	cps
Rhodium	103-2	5308064	5472864	5378507	5386479	1.54	cps
Scandium	45-1	5740849	5766943	5764491	5757427	0.25	cps
Scandium	45-2	461565	466552	462225	463447	0.58	cps
Selenium	82-1	1372	1440	1379	1397	2.66	cps
Selenium	77-2	140	107	93	113	21.21	cps
Selenium	78-2	493	470	487	483	2.49	cps
Silicon	28-1	205031	203906	206247	205061	0.57	cps
Silver	107-1	16273	16733	16419	16475	1.43	cps
Silver	109-1	15362	16096	15762	15740	2.34	cps
Sodium	23-2	386137	385348	381985	384490	0.57	cps
Strontium	86-1	4551	4571	4457	4526	1.34	cps
Strontium	88-1	38707	38684	39329	38907	0.94	cps
Sulfur	34-1	135350	137313	136015	136226	0.73	cps
Terbium	159-1	15316736	15062646	15037917	15139100	1.02	cps
Terbium	159-2	9382604	9536087	9359095	9425929	1.02	cps
Thallium	203-1	13600	12876	12953	13143	3.03	cps
Thallium	205-1	31369	31807	31299	31492	0.87	cps
Tin	118-1	747	707	753	736	3.43	cps
Titanium	47-1	8019	8336	8169	8174	1.94	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BS	Instrumnet Name :	P7
Client Sample ID :	LCS703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:41:15	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40946	40287	39910	40381	1.30	cps
Vanadium	51-2	20220	20811	20631	20554	1.47	cps
Yttrium	89-1	11598449	11526410	11614327	11579729	0.40	cps
Yttrium	89-2	2677375	2672224	2633441	2661013	0.90	cps
Zinc	66-2	4777	4574	4791	4714	2.58	cps
Zirconium	90-1	23362	24203	23940	23835	1.81	cps
Zirconium	91-1	5488	5251	5604	5448	3.31	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:44:32	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2847	2550	2767	2721	5.64	cps
Antimony	121-1	14401	13934	14220	14185	1.66	cps
Arsenic	75-2	337	347	293	326	8.71	cps
Barium	135-1	18198	17321	17297	17605	2.92	cps
Barium	137-1	30850	30670	30686	30735	0.32	cps
Beryllium	9-1	1310	1203	1223	1246	4.55	cps
Bismuth	209-1	8402554	9495829	9279946	9059443	6.39	cps
Bismuth	209-2	6997785	7005694	6982779	6995419	0.17	cps
Bromine	81-1	7609	7802	7422	7611	2.50	cps
Bromine	81-2	50	43	27	40	30.04	cps
Cadmium	108-1	180	130	150	153	16.41	cps
Cadmium	106-1	3010	3294	3210	3171	4.59	cps
Cadmium	111-1	3821	3988	4079	3963	3.30	cps
Calcium	43-1	8933	8889	8866	8896	0.38	cps
Calcium	44-1	143470	144779	144066	144105	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5244	5341	5331	5305	1.00	cps
Cobalt	59-2	3957	3714	3580	3751	5.09	cps
Copper	63-2	6105	5948	5748	5933	3.01	cps
Dysprosium	156-1	13	23	43	27	57.29	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	107	110	120	112	6.18	cps
Erbium	164-2	53	50	40	48	14.52	cps
Gadolinium	160-1	57	30	47	44	30.31	cps
Gadolinium	160-2	493	490	453	479	4.63	cps
Holmium	165-1	13108252	14844053	14653061	14201789	6.70	cps
Holmium	165-2	9606093	9601461	9561543	9589699	0.26	cps
Indium	115-1	10220298	11161112	11199341	10860250	5.11	cps
Indium	115-2	3537507	3525907	3509728	3524380	0.40	cps
Iron	56-2	447594	444066	444463	445375	0.43	cps
Iron	57-2	12032	11314	11488	11611	3.22	cps
Iron	54-2	25375	25492	25391	25419	0.25	cps
Krypton	83-1	93	97	87	92	5.52	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:44:32	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5621	5721	5771	5705	1.34	cps
Lead	207-1	5101	5311	4961	5124	3.44	cps
Lead	208-1	22998	23231	22854	23028	0.83	cps
Lithium	6-1	2033881	2254804	2235326	2174671	5.62	cps
Magnesium	24-2	119664	119150	119540	119451	0.22	cps
Manganese	55-2	2260	2217	2140	2206	2.76	cps
Molybdenum	94-1	13520	13730	13877	13709	1.31	cps
Molybdenum	95-1	16523	16319	16543	16462	0.75	cps
Molybdenum	96-1	18312	18485	17938	18245	1.53	cps
Molybdenum	97-1	10354	10240	10210	10268	0.74	cps
Molybdenum	98-1	26711	26244	26347	26434	0.93	cps
Neodymium	150-1	7	17	13	12	41.65	cps
Neodymium	150-2	3	17	20	13	66.16	cps
Nickel	60-2	1023	983	1093	1033	5.39	cps
Phosphorus	31-2	87	90	93	90	3.70	cps
Potassium	39-2	173014	173755	173546	173438	0.22	cps
Rhodium	103-1	9052080	9903907	10008194	9654727	5.43	cps
Rhodium	103-2	5468583	5516043	5438441	5474356	0.71	cps
Scandium	45-1	5222415	5852513	5803954	5626294	6.23	cps
Scandium	45-2	472453	469486	465801	469247	0.71	cps
Selenium	82-1	876	873	883	877	0.58	cps
Selenium	77-2	47	47	50	48	4.02	cps
Selenium	78-2	277	340	307	308	10.29	cps
Silicon	28-1	174430	175495	175295	175073	0.32	cps
Silver	107-1	8236	8329	7982	8182	2.19	cps
Silver	109-1	7792	7842	7729	7788	0.73	cps
Sodium	23-2	197681	195477	196028	196395	0.58	cps
Strontium	86-1	2290	2220	2437	2316	4.78	cps
Strontium	88-1	18939	19186	19520	19215	1.52	cps
Sulfur	34-1	137932	136897	138951	137927	0.74	cps
Terbium	159-1	13707435	15157789	15078813	14648013	5.57	cps
Terbium	159-2	9351941	9366118	9419876	9379312	0.38	cps
Thallium	203-1	6632	6648	6622	6634	0.20	cps
Thallium	205-1	15749	15642	15509	15634	0.77	cps
Tin	118-1	523	500	567	530	6.38	cps
Titanium	47-1	4144	4107	4041	4097	1.28	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163703BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD703	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:44:32	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19935	20172	19848	19985	0.84	cps
Vanadium	51-2	10100	10103	10210	10138	0.62	cps
Yttrium	89-1	10476822	11612094	11488737	11192551	5.57	cps
Yttrium	89-2	2737497	2725189	2717543	2726743	0.37	cps
Zinc	66-2	2644	2514	2490	2549	3.24	cps
Zirconium	90-1	12172	11895	12158	12075	1.29	cps
Zirconium	91-1	2720	2994	2860	2858	4.78	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BL	Instrumnet Name :	P7
Client Sample ID :	PBS778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:47:51	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130	120	137	129	6.51	cps
Antimony	121-1	240	240	240	240	0.00	cps
Arsenic	75-2	0	0	10	3	173.21	cps
Barium	135-1	140	97	90	109	24.93	cps
Barium	137-1	157	200	197	184	13.07	cps
Beryllium	9-1	77	97	110	94	17.76	cps
Bismuth	209-1	9318302	9339947	9093220	9250490	1.48	cps
Bismuth	209-2	6991437	6996453	6998514	6995468	0.05	cps
Bromine	81-1	7645	7919	7319	7628	3.94	cps
Bromine	81-2	30	40	57	42	31.91	cps
Cadmium	108-1	13	20	7	13	49.99	cps
Cadmium	106-1	2907	3104	2917	2976	3.72	cps
Cadmium	111-1	2036	2162	2051	2083	3.31	cps
Calcium	43-1	183	200	243	209	14.83	cps
Calcium	44-1	3147	3097	3114	3119	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	417	387	323	376	12.69	cps
Cobalt	59-2	147	110	97	118	21.98	cps
Copper	63-2	653	617	597	622	4.62	cps
Dysprosium	156-1	23	27	23	24	7.89	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	73	120	93	96	24.50	cps
Erbium	164-2	73	77	47	66	25.08	cps
Gadolinium	160-1	63	40	50	51	22.90	cps
Gadolinium	160-2	427	397	563	462	19.22	cps
Holmium	165-1	14727387	14692559	14422189	14614045	1.14	cps
Holmium	165-2	9623955	9548142	9443924	9538674	0.95	cps
Indium	115-1	11339527	11255057	11070015	11221533	1.23	cps
Indium	115-2	3475938	3502405	3520517	3499620	0.64	cps
Iron	56-2	9793	9393	9176	9454	3.31	cps
Iron	57-2	760	857	753	790	7.32	cps
Iron	54-2	1230	1207	1200	1212	1.30	cps
Krypton	83-1	103	120	127	117	10.30	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BL	Instrumnet Name :	P7
Client Sample ID :	PBS778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:47:51	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	493	450	427	457	7.41	cps
Lead	207-1	413	487	440	447	8.31	cps
Lead	208-1	1910	1950	1940	1933	1.08	cps
Lithium	6-1	2276275	2235433	2255329	2255679	0.91	cps
Magnesium	24-2	1257	1183	1293	1245	4.50	cps
Manganese	55-2	277	277	393	316	21.35	cps
Molybdenum	94-1	367	340	420	376	10.85	cps
Molybdenum	95-1	90	133	87	103	25.20	cps
Molybdenum	96-1	217	153	203	191	17.47	cps
Molybdenum	97-1	77	47	90	71	31.21	cps
Molybdenum	98-1	150	170	160	160	6.25	cps
Neodymium	150-1	7	17	20	14	48.02	cps
Neodymium	150-2	0	13	7	7	99.98	cps
Nickel	60-2	87	83	60	77	18.95	cps
Phosphorus	31-2	77	97	73	82	15.35	cps
Potassium	39-2	32418	32241	32896	32518	1.04	cps
Rhodium	103-1	10002668	10076637	9940260	10006522	0.68	cps
Rhodium	103-2	5379508	5368840	5467811	5405386	1.01	cps
Scandium	45-1	5827246	5824330	5766256	5805944	0.59	cps
Scandium	45-2	468103	468344	471022	469156	0.35	cps
Selenium	82-1	378	357	346	360	4.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	97	157	143	132	23.83	cps
Silicon	28-1	145546	146229	147344	146373	0.62	cps
Silver	107-1	150	160	157	156	3.27	cps
Silver	109-1	140	117	107	121	14.12	cps
Sodium	23-2	11378	10997	10767	11047	2.79	cps
Strontium	86-1	220	200	257	226	12.74	cps
Strontium	88-1	407	360	323	363	11.50	cps
Sulfur	34-1	139160	139319	139910	139463	0.28	cps
Terbium	159-1	15104726	15161882	14717018	14994542	1.61	cps
Terbium	159-2	9473147	9331756	9435330	9413411	0.78	cps
Thallium	203-1	163	190	173	176	7.67	cps
Thallium	205-1	547	573	513	544	5.52	cps
Tin	118-1	1270	1297	1240	1269	2.23	cps
Titanium	47-1	127	133	137	132	3.85	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BL	Instrumnet Name :	P7
Client Sample ID :	PBS778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:47:51	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	37	20	23	51.52	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Yttrium	89-1	11664325	11680155	11561639	11635373	0.55	cps
Yttrium	89-2	2666730	2677473	2734204	2692802	1.35	cps
Zinc	66-2	467	393	380	413	11.29	cps
Zirconium	90-1	883	913	920	906	2.16	cps
Zirconium	91-1	207	227	237	223	6.84	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BS	Instrumnet Name :	P7
Client Sample ID :	LCS778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:51:08	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5414	5394	5598	5469	2.05	cps
Antimony	121-1	27386	27396	27273	27352	0.25	cps
Arsenic	75-2	593	740	570	634	14.53	cps
Barium	135-1	34645	34609	34401	34552	0.38	cps
Barium	137-1	61335	60960	60913	61069	0.38	cps
Beryllium	9-1	2250	2407	2354	2337	3.41	cps
Bismuth	209-1	9324837	9207374	9128518	9220243	1.07	cps
Bismuth	209-2	6892102	6969522	6959637	6940420	0.61	cps
Bromine	81-1	7952	8016	7629	7865	2.64	cps
Bromine	81-2	20	33	50	34	43.64	cps
Cadmium	108-1	343	293	317	318	7.87	cps
Cadmium	106-1	3454	3520	3437	3470	1.27	cps
Cadmium	111-1	5564	5939	5665	5723	3.39	cps
Calcium	43-1	17824	17317	17544	17561	1.45	cps
Calcium	44-1	285527	285717	287849	286364	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10604	10617	11101	10774	2.63	cps
Cobalt	59-2	7989	7579	7555	7708	3.16	cps
Copper	63-2	11294	11268	11404	11322	0.64	cps
Dysprosium	156-1	40	17	20	26	49.38	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	93	93	93	93	0.00	cps
Erbium	164-2	63	80	63	69	13.97	cps
Gadolinium	160-1	43	27	57	42	35.60	cps
Gadolinium	160-2	387	517	383	429	17.73	cps
Holmium	165-1	14890529	14632054	14546918	14689833	1.22	cps
Holmium	165-2	9572104	9566767	9662387	9600419	0.56	cps
Indium	115-1	11312718	11231955	11330010	11291561	0.46	cps
Indium	115-2	3494224	3552974	3525470	3524223	0.83	cps
Iron	56-2	897586	899485	894989	897353	0.25	cps
Iron	57-2	23008	23058	22577	22881	1.15	cps
Iron	54-2	50200	50207	49471	49959	0.85	cps
Krypton	83-1	117	93	93	101	13.33	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BS	Instrumnet Name :	P7
Client Sample ID :	LCS778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:51:08	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10998	10698	10497	10731	2.35	cps
Lead	207-1	9680	9900	9517	9699	1.98	cps
Lead	208-1	43754	43614	42620	43329	1.43	cps
Lithium	6-1	2281343	2288457	2204513	2258104	2.06	cps
Magnesium	24-2	238862	240172	237729	238921	0.51	cps
Manganese	55-2	4301	4331	4284	4305	0.55	cps
Molybdenum	94-1	27406	27603	27836	27615	0.78	cps
Molybdenum	95-1	32539	33655	32710	32968	1.82	cps
Molybdenum	96-1	36619	37374	36686	36893	1.13	cps
Molybdenum	97-1	20728	20618	20852	20733	0.56	cps
Molybdenum	98-1	53969	53708	54929	54202	1.19	cps
Neodymium	150-1	20	23	13	19	26.96	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	1963	1983	2124	2023	4.31	cps
Phosphorus	31-2	123	103	120	116	9.28	cps
Potassium	39-2	318014	318798	312697	316503	1.05	cps
Rhodium	103-1	10121465	10118640	10029441	10089849	0.52	cps
Rhodium	103-2	5472865	5484760	5465618	5474414	0.18	cps
Scandium	45-1	5866372	5841441	5841470	5849761	0.25	cps
Scandium	45-2	474720	473978	474507	474402	0.08	cps
Selenium	82-1	1418	1441	1352	1404	3.28	cps
Selenium	77-2	80	97	127	101	23.39	cps
Selenium	78-2	390	487	447	441	11.01	cps
Silicon	28-1	213044	215364	215707	214705	0.67	cps
Silver	107-1	15715	16933	16209	16286	3.76	cps
Silver	109-1	15542	15345	15685	15524	1.10	cps
Sodium	23-2	384045	382981	384629	383885	0.22	cps
Strontium	86-1	4441	4561	4651	4551	2.32	cps
Strontium	88-1	38557	38326	38320	38401	0.35	cps
Sulfur	34-1	140355	139430	140593	140126	0.44	cps
Terbium	159-1	15236766	15116255	15236972	15196664	0.46	cps
Terbium	159-2	9446427	9452886	9271725	9390346	1.09	cps
Thallium	203-1	12506	12856	12783	12715	1.45	cps
Thallium	205-1	30317	29993	30127	30146	0.54	cps
Tin	118-1	633	533	593	587	8.58	cps
Titanium	47-1	8139	8372	8122	8211	1.70	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BS	Instrumnet Name :	P7
Client Sample ID :	LCS778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:51:08	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39258	39305	39452	39338	0.26	cps
Vanadium	51-2	20871	21115	21128	21038	0.69	cps
Yttrium	89-1	11803121	11745623	11628477	11725740	0.76	cps
Yttrium	89-2	2714120	2730634	2682706	2709153	0.90	cps
Zinc	66-2	4704	4661	4737	4701	0.82	cps
Zirconium	90-1	23612	24357	23986	23985	1.55	cps
Zirconium	91-1	5074	5411	5374	5287	3.50	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:54:28	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2914	2927	2677	2839	4.95	cps
Antimony	121-1	13790	14511	14014	14105	2.62	cps
Arsenic	75-2	293	267	347	302	13.48	cps
Barium	135-1	17474	17781	18005	17753	1.50	cps
Barium	137-1	30900	30610	30927	30812	0.57	cps
Beryllium	9-1	1300	1243	1227	1257	3.06	cps
Bismuth	209-1	9244045	9177905	9121400	9181117	0.67	cps
Bismuth	209-2	6944611	6954600	6976162	6958457	0.23	cps
Bromine	81-1	7999	7739	8029	7922	2.01	cps
Bromine	81-2	40	60	43	48	22.43	cps
Cadmium	108-1	177	147	210	178	17.82	cps
Cadmium	106-1	3354	3397	3247	3333	2.32	cps
Cadmium	111-1	4084	4129	3876	4030	3.35	cps
Calcium	43-1	8983	8856	9283	9041	2.43	cps
Calcium	44-1	147960	148720	147438	148039	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5821	5631	5638	5697	1.89	cps
Cobalt	59-2	3947	3987	3801	3912	2.51	cps
Copper	63-2	5795	5841	6175	5937	3.49	cps
Dysprosium	156-1	27	23	40	30	29.40	cps
Dysprosium	156-2	20	17	3	13	66.16	cps
Erbium	164-1	133	127	137	132	3.85	cps
Erbium	164-2	57	73	47	59	22.87	cps
Gadolinium	160-1	57	70	77	68	15.02	cps
Gadolinium	160-2	437	503	507	482	8.19	cps
Holmium	165-1	14747099	14695266	14655291	14699219	0.31	cps
Holmium	165-2	9567262	9613280	9575707	9585416	0.26	cps
Indium	115-1	11231022	11216991	11328441	11258818	0.54	cps
Indium	115-2	3549673	3551697	3554560	3551977	0.07	cps
Iron	56-2	456921	458529	454348	456599	0.46	cps
Iron	57-2	12152	11748	11758	11886	1.94	cps
Iron	54-2	26427	26286	25749	26154	1.37	cps
Krypton	83-1	80	113	110	101	18.16	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:54:28	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5565	5648	5461	5558	1.68	cps
Lead	207-1	4794	4834	4914	4848	1.26	cps
Lead	208-1	22117	22374	22424	22305	0.74	cps
Lithium	6-1	2250883	2215452	2245258	2237197	0.85	cps
Magnesium	24-2	121595	121659	120430	121228	0.57	cps
Manganese	55-2	2420	2314	2314	2349	2.62	cps
Molybdenum	94-1	14054	14104	14144	14100	0.32	cps
Molybdenum	95-1	16696	16696	16720	16704	0.08	cps
Molybdenum	96-1	18629	19073	18796	18832	1.19	cps
Molybdenum	97-1	10470	10437	10464	10457	0.17	cps
Molybdenum	98-1	27546	27720	27349	27538	0.67	cps
Neodymium	150-1	3	7	20	10	88.20	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	983	1053	1170	1069	8.82	cps
Phosphorus	31-2	97	127	90	104	18.70	cps
Potassium	39-2	177154	177107	176517	176926	0.20	cps
Rhodium	103-1	10159274	10136150	9970350	10088591	1.02	cps
Rhodium	103-2	5445722	5541150	5473443	5486772	0.89	cps
Scandium	45-1	5922989	5895297	5917047	5911778	0.25	cps
Scandium	45-2	478790	478560	477257	478202	0.17	cps
Selenium	82-1	944	892	880	905	3.73	cps
Selenium	77-2	40	83	43	56	43.40	cps
Selenium	78-2	237	267	287	263	9.56	cps
Silicon	28-1	184329	183490	186043	184620	0.70	cps
Silver	107-1	8286	8439	8673	8466	2.30	cps
Silver	109-1	7725	8062	8186	7991	2.98	cps
Sodium	23-2	199275	198870	197058	198401	0.60	cps
Strontium	86-1	2574	2370	2374	2439	4.77	cps
Strontium	88-1	19874	20020	20281	20058	1.03	cps
Sulfur	34-1	143564	142971	142612	143049	0.34	cps
Terbium	159-1	15208356	15116104	14958396	15094285	0.84	cps
Terbium	159-2	9434222	9406864	9475888	9438991	0.37	cps
Thallium	203-1	6478	6505	6538	6507	0.46	cps
Thallium	205-1	15589	15622	15649	15620	0.19	cps
Tin	118-1	607	740	613	653	11.50	cps
Titanium	47-1	4067	4224	4124	4138	1.92	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163778BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD778	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:54:28	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19611	19648	19715	19658	0.27	cps
Vanadium	51-2	10724	10500	10651	10625	1.07	cps
Yttrium	89-1	11749129	11849842	11655783	11751585	0.83	cps
Yttrium	89-2	2755250	2759896	2707844	2740997	1.05	cps
Zinc	66-2	2720	2647	2757	2708	2.07	cps
Zirconium	90-1	12002	12335	12582	12306	2.37	cps
Zirconium	91-1	2744	2690	2817	2750	2.31	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BL	Instrumnet Name :	P7
Client Sample ID :	PBS789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:57:45	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	153	137	131	19.42	cps
Antimony	121-1	143	180	140	154	14.37	cps
Arsenic	75-2	3	10	10	8	49.52	cps
Barium	135-1	127	107	87	107	18.75	cps
Barium	137-1	137	120	217	158	32.75	cps
Beryllium	9-1	100	57	60	72	33.39	cps
Bismuth	209-1	9210788	9279155	9135781	9208575	0.78	cps
Bismuth	209-2	7274897	7016412	6997556	7096288	2.18	cps
Bromine	81-1	7959	8116	7979	8018	1.06	cps
Bromine	81-2	27	40	37	34	20.14	cps
Cadmium	108-1	7	10	13	10	33.30	cps
Cadmium	106-1	3317	3094	3044	3151	4.62	cps
Cadmium	111-1	2327	2162	2128	2206	4.84	cps
Calcium	43-1	233	190	200	208	10.92	cps
Calcium	44-1	3207	3190	3274	3224	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	433	367	433	411	9.36	cps
Cobalt	59-2	107	140	163	137	20.84	cps
Copper	63-2	560	537	557	551	2.29	cps
Dysprosium	156-1	13	10	27	17	52.93	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	93	103	117	104	11.21	cps
Erbium	164-2	63	63	67	64	2.99	cps
Gadolinium	160-1	53	67	60	60	11.12	cps
Gadolinium	160-2	433	473	470	459	4.84	cps
Holmium	165-1	14984204	14789781	14583404	14785796	1.36	cps
Holmium	165-2	9914704	9573477	9487503	9658561	2.34	cps
Indium	115-1	11553041	11571920	11198349	11441104	1.84	cps
Indium	115-2	3678154	3556217	3534022	3589464	2.16	cps
Iron	56-2	9186	8743	8813	8914	2.68	cps
Iron	57-2	903	740	720	788	12.77	cps
Iron	54-2	1103	1107	1177	1129	3.67	cps
Krypton	83-1	93	150	80	108	34.49	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BL	Instrumnet Name :	P7
Client Sample ID :	PBS789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:57:45	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	447	417	397	420	5.99	cps
Lead	207-1	333	427	390	383	12.27	cps
Lead	208-1	1663	1750	1690	1701	2.61	cps
Lithium	6-1	2282650	2274046	2258147	2271614	0.55	cps
Magnesium	24-2	1357	1120	1100	1192	11.98	cps
Manganese	55-2	317	390	273	327	18.05	cps
Molybdenum	94-1	290	270	280	280	3.57	cps
Molybdenum	95-1	70	73	57	67	13.22	cps
Molybdenum	96-1	177	140	143	153	13.22	cps
Molybdenum	97-1	43	63	40	49	25.81	cps
Molybdenum	98-1	83	130	147	120	27.36	cps
Neodymium	150-1	13	23	20	19	26.96	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	73	97	93	88	14.38	cps
Phosphorus	31-2	100	93	93	96	4.03	cps
Potassium	39-2	33310	34399	34753	34154	2.20	cps
Rhodium	103-1	10231805	10361217	10093358	10228793	1.31	cps
Rhodium	103-2	5805781	5552378	5448372	5602177	3.28	cps
Scandium	45-1	5969375	6032074	5931664	5977704	0.85	cps
Scandium	45-2	497047	481313	477822	485394	2.11	cps
Selenium	82-1	403	371	466	413	11.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	160	143	123	142	12.91	cps
Silicon	28-1	151907	153466	153943	153105	0.70	cps
Silver	107-1	140	127	113	127	10.53	cps
Silver	109-1	110	117	103	110	6.06	cps
Sodium	23-2	9907	9536	9663	9702	1.94	cps
Strontium	86-1	207	250	223	227	9.64	cps
Strontium	88-1	213	213	277	234	15.60	cps
Sulfur	34-1	142796	145246	145764	144602	1.10	cps
Terbium	159-1	15278262	15214759	14835482	15109501	1.58	cps
Terbium	159-2	9773297	9525027	9374774	9557699	2.11	cps
Thallium	203-1	160	123	187	157	20.29	cps
Thallium	205-1	393	360	300	351	13.47	cps
Tin	118-1	787	750	757	764	2.56	cps
Titanium	47-1	133	150	103	129	18.35	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BL	Instrumnet Name :	P7
Client Sample ID :	PBS789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 16:57:45	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20	20	10	17	34.64	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Yttrium	89-1	11980845	11984252	11807326	11924141	0.85	cps
Yttrium	89-2	2862175	2764444	2695764	2774128	3.01	cps
Zinc	66-2	377	383	433	398	7.79	cps
Zirconium	90-1	837	713	840	797	9.06	cps
Zirconium	91-1	180	200	163	181	10.13	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BS	Instrumnet Name :	P7
Client Sample ID :	LCS789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:01:12	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5704	5758	5918	5793	1.92	cps
Antimony	121-1	28161	29203	28164	28509	2.11	cps
Arsenic	75-2	647	633	703	661	5.62	cps
Barium	135-1	36731	36630	36123	36495	0.89	cps
Barium	137-1	63149	62985	62343	62826	0.68	cps
Beryllium	9-1	2587	2500	2394	2494	3.88	cps
Bismuth	209-1	9177009	9204710	9243983	9208568	0.37	cps
Bismuth	209-2	7216186	6889500	6904381	7003356	2.63	cps
Bromine	81-1	8172	7862	8119	8051	2.06	cps
Bromine	81-2	30	33	20	28	24.98	cps
Cadmium	108-1	240	340	257	279	19.21	cps
Cadmium	106-1	3447	3921	3220	3529	10.12	cps
Cadmium	111-1	5889	6180	5672	5914	4.31	cps
Calcium	43-1	18151	18618	19282	18684	3.04	cps
Calcium	44-1	299542	300592	301160	300431	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10927	11188	10907	11007	1.42	cps
Cobalt	59-2	7699	7589	7909	7732	2.10	cps
Copper	63-2	12148	11761	11808	11906	1.77	cps
Dysprosium	156-1	17	40	23	27	45.07	cps
Dysprosium	156-2	27	7	17	17	59.99	cps
Erbium	164-1	107	127	110	114	9.36	cps
Erbium	164-2	60	50	53	54	9.35	cps
Gadolinium	160-1	53	57	37	49	21.91	cps
Gadolinium	160-2	477	487	490	484	1.43	cps
Holmium	165-1	14607729	14839173	14574445	14673782	0.98	cps
Holmium	165-2	9860966	9599383	9621325	9693891	1.50	cps
Indium	115-1	11371157	11396384	11465608	11411050	0.43	cps
Indium	115-2	3631517	3549563	3547466	3576182	1.34	cps
Iron	56-2	929318	922832	929505	927219	0.41	cps
Iron	57-2	23622	23699	24260	23860	1.46	cps
Iron	54-2	51488	52170	51839	51832	0.66	cps
Krypton	83-1	120	113	120	118	3.26	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BS	Instrumnet Name :	P7
Client Sample ID :	LCS789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:01:12	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10928	10981	10814	10908	0.78	cps
Lead	207-1	9854	9303	9377	9511	3.14	cps
Lead	208-1	43888	43514	42696	43366	1.41	cps
Lithium	6-1	2251119	2255651	2263836	2256868	0.29	cps
Magnesium	24-2	247709	245816	248135	247220	0.50	cps
Manganese	55-2	4297	4047	4467	4271	4.95	cps
Molybdenum	94-1	28174	29229	28291	28565	2.03	cps
Molybdenum	95-1	34420	34200	34628	34416	0.62	cps
Molybdenum	96-1	38096	39159	38791	38682	1.40	cps
Molybdenum	97-1	21162	21386	21760	21436	1.41	cps
Molybdenum	98-1	55458	56445	55585	55829	0.96	cps
Neodymium	150-1	13	3	20	12	68.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1997	2037	2050	2028	1.37	cps
Phosphorus	31-2	97	110	103	103	6.45	cps
Potassium	39-2	329761	325615	331251	328876	0.89	cps
Rhodium	103-1	10171959	10273334	10139361	10194885	0.69	cps
Rhodium	103-2	5682247	5573731	5512674	5589550	1.54	cps
Scandium	45-1	6003317	5958823	6020624	5994255	0.53	cps
Scandium	45-2	494001	483995	481206	486400	1.38	cps
Selenium	82-1	1489	1474	1413	1459	2.74	cps
Selenium	77-2	93	110	97	100	8.82	cps
Selenium	78-2	467	403	460	443	7.85	cps
Silicon	28-1	220647	224123	224569	223113	0.96	cps
Silver	107-1	16483	16900	17637	17007	3.44	cps
Silver	109-1	15699	16253	16483	16145	2.50	cps
Sodium	23-2	395460	392718	393280	393819	0.37	cps
Strontium	86-1	4848	4644	4767	4753	2.16	cps
Strontium	88-1	39256	39480	39784	39506	0.67	cps
Sulfur	34-1	146309	145932	146235	146159	0.14	cps
Terbium	159-1	15117701	15110302	15019778	15082594	0.36	cps
Terbium	159-2	9766443	9496392	9440907	9567914	1.82	cps
Thallium	203-1	13173	13303	13290	13255	0.54	cps
Thallium	205-1	30464	30805	30805	30691	0.64	cps
Tin	118-1	663	630	523	606	12.08	cps
Titanium	47-1	8142	8593	8209	8315	2.92	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BS	Instrumnet Name :	P7
Client Sample ID :	LCS789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:01:12	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39990	39756	39906	39884	0.30	cps
Vanadium	51-2	21883	21839	22220	21981	0.95	cps
Yttrium	89-1	11952088	11883522	11882071	11905894	0.34	cps
Yttrium	89-2	2782099	2763254	2766498	2770617	0.36	cps
Zinc	66-2	4908	4727	4981	4872	2.68	cps
Zirconium	90-1	24374	24925	24981	24760	1.36	cps
Zirconium	91-1	5601	5528	5601	5577	0.76	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:04:30	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2807	2874	2794	2825	1.52	cps
Antimony	121-1	13363	13713	13536	13538	1.29	cps
Arsenic	75-2	353	270	287	303	14.54	cps
Barium	135-1	17030	17341	17301	17224	0.98	cps
Barium	137-1	29567	30165	30546	30093	1.64	cps
Beryllium	9-1	1253	1290	1320	1288	2.59	cps
Bismuth	209-1	9277885	9211890	9264587	9251454	0.38	cps
Bismuth	209-2	7118953	7109317	6816159	7014809	2.45	cps
Bromine	81-1	8049	7749	8246	8014	3.12	cps
Bromine	81-2	27	53	57	46	36.09	cps
Cadmium	108-1	140	163	120	141	15.37	cps
Cadmium	106-1	3550	3200	3090	3280	7.32	cps
Cadmium	111-1	4274	3796	3999	4023	5.96	cps
Calcium	43-1	9116	9113	8663	8964	2.91	cps
Calcium	44-1	144528	144648	146829	145335	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5684	5728	5664	5692	0.57	cps
Cobalt	59-2	3871	3837	3797	3835	0.96	cps
Copper	63-2	5891	5908	6181	5993	2.72	cps
Dysprosium	156-1	20	27	40	29	35.25	cps
Dysprosium	156-2	3	13	17	11	62.48	cps
Erbium	164-1	120	93	90	101	16.26	cps
Erbium	164-2	57	63	43	54	18.71	cps
Gadolinium	160-1	60	53	70	61	13.73	cps
Gadolinium	160-2	450	487	497	478	5.14	cps
Holmium	165-1	14880025	14768697	14823846	14824189	0.38	cps
Holmium	165-2	9746321	9754499	9479610	9660143	1.62	cps
Indium	115-1	11555277	11455979	11421815	11477690	0.60	cps
Indium	115-2	3659071	3641250	3520212	3606844	2.09	cps
Iron	56-2	449324	448808	448677	448936	0.08	cps
Iron	57-2	11578	11438	11888	11635	1.98	cps
Iron	54-2	25649	25335	25228	25404	0.86	cps
Krypton	83-1	137	133	130	133	2.50	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:04:30	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5545	5334	5208	5362	3.17	cps
Lead	207-1	4621	4821	4708	4716	2.13	cps
Lead	208-1	21230	21587	21293	21370	0.89	cps
Lithium	6-1	2287182	2253615	2268507	2269768	0.74	cps
Magnesium	24-2	117813	118153	118673	118213	0.37	cps
Manganese	55-2	2247	2270	2374	2297	2.94	cps
Molybdenum	94-1	13630	13580	13810	13673	0.89	cps
Molybdenum	95-1	16579	16536	16313	16476	0.87	cps
Molybdenum	96-1	18388	18652	18405	18482	0.80	cps
Molybdenum	97-1	10060	10364	10307	10244	1.58	cps
Molybdenum	98-1	26634	26805	26444	26628	0.68	cps
Neodymium	150-1	3	7	20	10	88.20	cps
Neodymium	150-2	0	13	3	6	124.93	cps
Nickel	60-2	953	1030	1057	1013	5.29	cps
Phosphorus	31-2	80	110	70	87	24.02	cps
Potassium	39-2	177589	175104	175130	175941	0.81	cps
Rhodium	103-1	10356638	10426222	10330829	10371229	0.48	cps
Rhodium	103-2	5648227	5683404	5521797	5617809	1.51	cps
Scandium	45-1	6030785	5990551	6028374	6016570	0.38	cps
Scandium	45-2	494000	491430	479528	488319	1.58	cps
Selenium	82-1	862	859	876	866	1.05	cps
Selenium	77-2	40	43	47	43	7.70	cps
Selenium	78-2	253	350	343	316	17.11	cps
Silicon	28-1	187024	189043	190156	188741	0.84	cps
Silver	107-1	7886	8106	7986	7992	1.38	cps
Silver	109-1	7415	7672	7826	7638	2.71	cps
Sodium	23-2	193466	193117	191157	192580	0.65	cps
Strontium	86-1	2454	2287	2344	2361	3.59	cps
Strontium	88-1	19226	19413	19149	19263	0.70	cps
Sulfur	34-1	145984	146215	145586	145928	0.22	cps
Terbium	159-1	15139332	15238455	15248689	15208825	0.40	cps
Terbium	159-2	9538509	9567200	9396499	9500736	0.96	cps
Thallium	203-1	6598	6325	6201	6375	3.19	cps
Thallium	205-1	14825	15115	14905	14948	1.00	cps
Tin	118-1	1013	1007	1017	1012	0.50	cps
Titanium	47-1	4111	4131	3901	4047	3.15	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163789BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD789	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:04:30	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18760	19100	18730	18863	1.09	cps
Vanadium	51-2	10557	10594	10504	10552	0.43	cps
Yttrium	89-1	11904079	11942274	12025643	11957332	0.52	cps
Yttrium	89-2	2818322	2827777	2736975	2794358	1.79	cps
Zinc	66-2	2520	2504	2580	2535	1.59	cps
Zirconium	90-1	11858	12185	12208	12084	1.62	cps
Zirconium	91-1	2690	2710	2767	2722	1.46	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BL	Instrumnet Name :	P7
Client Sample ID :	PBS470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:07:48	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393	390	427	403	5.03	cps
Antimony	121-1	100	120	140	120	16.67	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	127	107	140	124	13.48	cps
Barium	137-1	203	217	213	211	3.29	cps
Beryllium	9-1	40	73	83	66	34.61	cps
Bismuth	209-1	9216303	9309436	9221506	9249082	0.57	cps
Bismuth	209-2	6936494	6523688	7081096	6847092	4.22	cps
Bromine	81-1	8082	8329	8442	8285	2.22	cps
Bromine	81-2	40	50	63	51	22.90	cps
Cadmium	108-1	10	20	3	11	75.52	cps
Cadmium	106-1	3167	3247	3050	3155	3.14	cps
Cadmium	111-1	2227	2266	2143	2212	2.83	cps
Calcium	43-1	237	263	217	239	9.80	cps
Calcium	44-1	3841	3530	3564	3645	4.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	420	450	423	431	3.81	cps
Cobalt	59-2	140	143	87	123	25.78	cps
Copper	63-2	617	650	620	629	2.92	cps
Dysprosium	156-1	27	30	23	27	12.51	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	87	130	110	109	19.92	cps
Erbium	164-2	57	67	73	66	12.79	cps
Gadolinium	160-1	53	57	67	59	11.79	cps
Gadolinium	160-2	390	430	500	440	12.65	cps
Holmium	165-1	14861419	14753256	14842985	14819220	0.39	cps
Holmium	165-2	9486759	8989100	9646164	9374008	3.66	cps
Indium	115-1	11542184	11534065	11592105	11556118	0.27	cps
Indium	115-2	3568239	3364699	3600176	3511038	3.64	cps
Iron	56-2	9880	9510	9066	9485	4.30	cps
Iron	57-2	850	830	920	867	5.45	cps
Iron	54-2	1233	1127	1093	1151	6.35	cps
Krypton	83-1	117	163	173	151	20.02	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BL	Instrumnet Name :	P7
Client Sample ID :	PBS470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:07:48	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	357	353	377	362	3.48	cps
Lead	207-1	337	303	347	329	6.90	cps
Lead	208-1	1553	1440	1520	1504	3.87	cps
Lithium	6-1	2267768	2242322	2297489	2269193	1.22	cps
Magnesium	24-2	1263	1227	1220	1237	1.89	cps
Manganese	55-2	467	443	397	436	8.18	cps
Molybdenum	94-1	327	307	270	301	9.54	cps
Molybdenum	95-1	53	73	77	68	18.62	cps
Molybdenum	96-1	170	113	150	144	19.89	cps
Molybdenum	97-1	43	57	40	47	18.90	cps
Molybdenum	98-1	90	100	103	98	7.10	cps
Neodymium	150-1	7	17	10	11	45.82	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	120	83	120	108	19.64	cps
Phosphorus	31-2	93	110	100	101	8.30	cps
Potassium	39-2	34937	34108	34770	34605	1.27	cps
Rhodium	103-1	10436731	10398991	10522421	10452714	0.61	cps
Rhodium	103-2	5630278	5238060	5669807	5512715	4.33	cps
Scandium	45-1	6187391	6133563	6120713	6147222	0.58	cps
Scandium	45-2	480745	457770	483449	473988	2.98	cps
Selenium	82-1	357	326	377	353	7.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	147	183	133	154	16.76	cps
Silicon	28-1	156620	158980	160028	158543	1.10	cps
Silver	107-1	133	183	120	146	22.94	cps
Silver	109-1	80	97	93	90	9.80	cps
Sodium	23-2	9039	9216	8836	9030	2.11	cps
Strontium	86-1	167	240	193	200	18.56	cps
Strontium	88-1	320	353	257	310	15.84	cps
Sulfur	34-1	147897	147672	149130	148233	0.53	cps
Terbium	159-1	15384034	15197935	15410641	15330870	0.76	cps
Terbium	159-2	9398133	8922643	9530266	9283680	3.44	cps
Thallium	203-1	130	120	103	118	11.44	cps
Thallium	205-1	250	237	263	250	5.33	cps
Tin	118-1	927	990	970	962	3.36	cps
Titanium	47-1	100	117	130	116	13.01	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BL	Instrumnet Name :	P7
Client Sample ID :	PBS470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:07:48	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	23	30	29	17.63	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Yttrium	89-1	12042124	11972890	12087770	12034261	0.48	cps
Yttrium	89-2	2756489	2578634	2827557	2720893	4.71	cps
Zinc	66-2	430	473	470	458	5.27	cps
Zirconium	90-1	813	847	723	794	8.03	cps
Zirconium	91-1	160	163	180	168	6.39	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BS	Instrumnet Name :	P7
Client Sample ID :	LCS470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:11:05	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5928	5818	6071	5939	2.14	cps
Antimony	121-1	27506	27870	28107	27828	1.09	cps
Arsenic	75-2	697	677	640	671	4.28	cps
Barium	135-1	35147	36370	36296	35937	1.91	cps
Barium	137-1	61790	62232	63213	62412	1.17	cps
Beryllium	9-1	2394	2357	2567	2439	4.60	cps
Bismuth	209-1	9483778	9413226	9167769	9354924	1.77	cps
Bismuth	209-2	7048670	7065133	7089212	7067672	0.29	cps
Bromine	81-1	8029	8172	8352	8185	1.98	cps
Bromine	81-2	43	47	33	41	16.89	cps
Cadmium	108-1	217	363	313	298	25.04	cps
Cadmium	106-1	3584	3427	3467	3493	2.33	cps
Cadmium	111-1	5974	5738	5641	5785	2.96	cps
Calcium	43-1	18932	18548	18067	18516	2.34	cps
Calcium	44-1	299056	301370	302628	301018	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11158	11288	11588	11344	1.95	cps
Cobalt	59-2	7942	8026	8196	8054	1.60	cps
Copper	63-2	11394	11641	11691	11576	1.37	cps
Dysprosium	156-1	20	30	20	23	24.74	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	80	83	103	89	14.20	cps
Erbium	164-2	87	87	70	81	11.87	cps
Gadolinium	160-1	53	40	70	54	27.61	cps
Gadolinium	160-2	430	503	487	473	8.12	cps
Holmium	165-1	15055099	14822131	14712899	14863376	1.18	cps
Holmium	165-2	9948922	9757149	9843294	9849788	0.98	cps
Indium	115-1	11812746	11825712	11388593	11675684	2.13	cps
Indium	115-2	3669909	3646820	3603826	3640185	0.92	cps
Iron	56-2	935261	927669	919309	927413	0.86	cps
Iron	57-2	24103	24123	23512	23912	1.45	cps
Iron	54-2	51849	51551	51829	51743	0.32	cps
Krypton	83-1	137	100	73	103	30.78	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BS	Instrumnet Name :	P7
Client Sample ID :	LCS470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:11:05	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10728	10694	11058	10827	1.86	cps
Lead	207-1	9493	9367	9837	9566	2.54	cps
Lead	208-1	43024	42573	43864	43154	1.52	cps
Lithium	6-1	2317481	2315381	2202188	2278350	2.90	cps
Magnesium	24-2	247927	246198	247178	247101	0.35	cps
Manganese	55-2	4304	4261	4284	4283	0.51	cps
Molybdenum	94-1	28044	28721	29099	28621	1.87	cps
Molybdenum	95-1	34106	34150	34170	34142	0.09	cps
Molybdenum	96-1	38123	37912	38724	38253	1.10	cps
Molybdenum	97-1	21236	21419	21252	21302	0.48	cps
Molybdenum	98-1	55686	55197	55843	55575	0.61	cps
Neodymium	150-1	10	10	17	12	31.50	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	2220	2114	2087	2140	3.30	cps
Phosphorus	31-2	87	90	103	93	9.45	cps
Potassium	39-2	329255	328911	330596	329587	0.27	cps
Rhodium	103-1	10582846	10451767	10267071	10433894	1.52	cps
Rhodium	103-2	5705055	5680123	5603417	5662865	0.94	cps
Scandium	45-1	6198140	6187784	6063451	6149792	1.22	cps
Scandium	45-2	496781	495525	494016	495441	0.28	cps
Selenium	82-1	1365	1469	1492	1442	4.71	cps
Selenium	77-2	107	83	93	94	12.40	cps
Selenium	78-2	460	420	557	479	14.67	cps
Silicon	28-1	223520	228422	227563	226502	1.16	cps
Silver	107-1	16686	16763	17180	16877	1.57	cps
Silver	109-1	15595	16516	16613	16241	3.46	cps
Sodium	23-2	393716	393555	393153	393474	0.07	cps
Strontium	86-1	4908	4787	4677	4791	2.40	cps
Strontium	88-1	39820	39851	39984	39885	0.22	cps
Sulfur	34-1	145690	147672	146847	146737	0.68	cps
Terbium	159-1	15600269	15471779	15215209	15429086	1.27	cps
Terbium	159-2	9650758	9697137	9615476	9654457	0.42	cps
Thallium	203-1	12896	12346	13120	12787	3.12	cps
Thallium	205-1	30665	30120	30143	30309	1.02	cps
Tin	118-1	620	683	680	661	5.39	cps
Titanium	47-1	8149	8509	8499	8386	2.45	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BS	Instrumnet Name :	P7
Client Sample ID :	LCS470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:11:05	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39646	39231	38990	39289	0.84	cps
Vanadium	51-2	21706	22090	21575	21790	1.23	cps
Yttrium	89-1	12332952	12156352	11905709	12131671	1.77	cps
Yttrium	89-2	2824859	2829228	2839857	2831315	0.27	cps
Zinc	66-2	4988	4787	5098	4958	3.17	cps
Zirconium	90-1	24708	24347	24534	24529	0.74	cps
Zirconium	91-1	5424	5434	5391	5417	0.42	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:14:23	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3164	2980	2987	3044	3.42	cps
Antimony	121-1	13453	13934	13823	13737	1.83	cps
Arsenic	75-2	323	373	373	357	8.09	cps
Barium	135-1	17638	18215	18435	18096	2.28	cps
Barium	137-1	31077	31839	30850	31255	1.66	cps
Beryllium	9-1	1243	1300	1270	1271	2.23	cps
Bismuth	209-1	9367065	9188810	9140401	9232092	1.29	cps
Bismuth	209-2	7153001	6987691	7108151	7082948	1.21	cps
Bromine	81-1	7972	8099	8239	8103	1.65	cps
Bromine	81-2	67	70	27	54	44.29	cps
Cadmium	108-1	163	147	183	164	11.16	cps
Cadmium	106-1	3584	3320	3344	3416	4.27	cps
Cadmium	111-1	4054	4022	3882	3986	2.29	cps
Calcium	43-1	9353	9687	9653	9564	1.92	cps
Calcium	44-1	150770	153457	153915	152714	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5784	5734	5901	5807	1.47	cps
Cobalt	59-2	4137	3991	3851	3993	3.59	cps
Copper	63-2	6401	6208	6225	6278	1.71	cps
Dysprosium	156-1	43	33	33	37	15.75	cps
Dysprosium	156-2	20	7	13	13	49.99	cps
Erbium	164-1	107	127	93	109	15.41	cps
Erbium	164-2	83	47	83	71	29.76	cps
Gadolinium	160-1	50	73	60	61	19.15	cps
Gadolinium	160-2	537	450	500	496	8.78	cps
Holmium	165-1	14918361	14921201	14550692	14796751	1.44	cps
Holmium	165-2	9830084	9719594	9653465	9734381	0.92	cps
Indium	115-1	11673807	11600392	11375057	11549752	1.35	cps
Indium	115-2	3690428	3587375	3669105	3648969	1.49	cps
Iron	56-2	472705	467444	466814	468988	0.69	cps
Iron	57-2	12559	12385	12168	12371	1.58	cps
Iron	54-2	26911	26814	26216	26647	1.41	cps
Krypton	83-1	87	113	143	114	24.77	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:14:23	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5705	5541	5398	5548	2.77	cps
Lead	207-1	5091	4928	4791	4937	3.04	cps
Lead	208-1	22728	22277	21780	22262	2.13	cps
Lithium	6-1	2288446	2291253	2201266	2260322	2.26	cps
Magnesium	24-2	124391	124438	122775	123868	0.76	cps
Manganese	55-2	2784	2497	2600	2627	5.53	cps
Molybdenum	94-1	14100	14297	14360	14253	0.95	cps
Molybdenum	95-1	16443	17187	17037	16889	2.33	cps
Molybdenum	96-1	18802	19239	19246	19096	1.33	cps
Molybdenum	97-1	10611	10961	11091	10887	2.28	cps
Molybdenum	98-1	27459	27773	27833	27689	0.73	cps
Neodymium	150-1	10	13	3	9	57.30	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1080	1087	1127	1098	2.30	cps
Phosphorus	31-2	133	100	97	110	18.43	cps
Potassium	39-2	185761	183011	182135	183636	1.03	cps
Rhodium	103-1	10495910	10490945	10361007	10449287	0.73	cps
Rhodium	103-2	5701950	5724512	5680860	5702441	0.38	cps
Scandium	45-1	6144158	6148502	6097519	6130060	0.46	cps
Scandium	45-2	500307	496923	495184	497471	0.52	cps
Selenium	82-1	908	939	889	912	2.75	cps
Selenium	77-2	40	53	60	51	19.92	cps
Selenium	78-2	340	310	260	303	13.32	cps
Silicon	28-1	193517	191860	195748	193709	1.01	cps
Silver	107-1	8039	8733	8503	8425	4.19	cps
Silver	109-1	8072	8052	8042	8056	0.19	cps
Sodium	23-2	202159	199687	199701	200516	0.71	cps
Strontium	86-1	2460	2440	2514	2471	1.53	cps
Strontium	88-1	19957	20391	20374	20241	1.21	cps
Sulfur	34-1	146774	146844	149503	147707	1.05	cps
Terbium	159-1	15339138	15387901	15226100	15317713	0.54	cps
Terbium	159-2	9610613	9604642	9675920	9630392	0.41	cps
Thallium	203-1	6348	6708	6365	6474	3.14	cps
Thallium	205-1	15118	14842	15045	15002	0.96	cps
Tin	118-1	790	783	743	772	3.27	cps
Titanium	47-1	4041	4391	4197	4210	4.17	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	PB163470BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD470	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:14:23	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19358	19361	19688	19469	0.98	cps
Vanadium	51-2	11248	11031	10941	11073	1.42	cps
Yttrium	89-1	12207231	12259055	11872567	12112951	1.73	cps
Yttrium	89-2	2818958	2847666	2843786	2836803	0.55	cps
Zinc	66-2	2877	2674	2797	2783	3.68	cps
Zirconium	90-1	12709	12962	12946	12872	1.10	cps
Zirconium	91-1	2557	2800	2757	2705	4.80	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-01	Instrumnet Name :	P7
Client Sample ID :	MYD4Q8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:17:42	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8556230	8561936	8501159	8539775	0.39	cps
Antimony	121-1	11398	11498	11645	11514	1.08	cps
Arsenic	75-2	49445	48783	47817	48682	1.68	cps
Barium	135-1	712674	708748	708468	709963	0.33	cps
Barium	137-1	1230261	1229778	1236058	1232033	0.28	cps
Beryllium	9-1	2437	2510	2284	2410	4.80	cps
Bismuth	209-1	9296325	9469855	9458970	9408383	1.03	cps
Bismuth	209-2	7133729	7003071	7009856	7048886	1.04	cps
Bromine	81-1	9500	9166	9060	9242	2.49	cps
Bromine	81-2	307	280	320	302	6.74	cps
Cadmium	108-1	440	430	427	432	1.61	cps
Cadmium	106-1	4367	4167	4181	4238	2.64	cps
Cadmium	111-1	7403	7210	7162	7258	1.76	cps
Calcium	43-1	396715	398583	395278	396859	0.42	cps
Calcium	44-1	6027013	5983220	5884274	5964836	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	146399	146045	145712	146052	0.24	cps
Cobalt	59-2	175057	171396	172361	172938	1.10	cps
Copper	63-2	720303	718395	715378	718026	0.35	cps
Dysprosium	156-1	73029	73042	73310	73127	0.22	cps
Dysprosium	156-2	54679	54887	55308	54958	0.58	cps
Erbium	164-1	66812	66916	66608	66779	0.23	cps
Erbium	164-2	43243	42217	41769	42410	1.78	cps
Gadolinium	160-1	70868	72335	71803	71669	1.04	cps
Gadolinium	160-2	48507	47912	48417	48278	0.66	cps
Holmium	165-1	15546144	15498009	15576396	15540183	0.25	cps
Holmium	165-2	10068162	9968900	9974047	10003703	0.56	cps
Indium	115-1	11561167	11448637	11600295	11536699	0.68	cps
Indium	115-2	3621131	3560550	3517251	3566311	1.46	cps
Iron	56-2	273466269	272152049	272382509	272666943	0.26	cps
Iron	57-2	6686299	6649083	6650524	6661969	0.32	cps
Iron	54-2	14875606	14747375	14602594	14741858	0.93	cps
Krypton	83-1	167	177	213	186	13.24	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-01	Instrumnet Name :	P7
Client Sample ID :	MYD4Q8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:17:42	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	627648	638995	643707	636783	1.30	cps
Lead	207-1	574937	582799	582898	580211	0.79	cps
Lead	208-1	2552148	2594149	2609210	2585169	1.14	cps
Lithium	6-1	2325709	2375176	2388172	2363019	1.39	cps
Magnesium	24-2	4852431	4844493	4767351	4821425	0.97	cps
Manganese	55-2	4080542	3953182	4051600	4028441	1.66	cps
Molybdenum	94-1	54963	55294	55143	55133	0.30	cps
Molybdenum	95-1	4691	4627	4574	4631	1.26	cps
Molybdenum	96-1	18025	18091	18345	18154	0.93	cps
Molybdenum	97-1	3017	2887	2774	2893	4.21	cps
Molybdenum	98-1	7265	7499	7272	7345	1.81	cps
Neodymium	150-1	120613	121283	121306	121067	0.33	cps
Neodymium	150-2	64473	63957	63750	64060	0.58	cps
Nickel	60-2	46569	47077	45957	46534	1.21	cps
Phosphorus	31-2	19032	18505	18471	18669	1.68	cps
Potassium	39-2	1904710	1887677	1871993	1888127	0.87	cps
Rhodium	103-1	10541264	10425888	10224138	10397097	1.54	cps
Rhodium	103-2	5603540	5532342	5484988	5540290	1.08	cps
Scandium	45-1	6622806	6592256	6474188	6563083	1.20	cps
Scandium	45-2	519595	515346	510009	514983	0.93	cps
Selenium	82-1	573	646	604	607	6.01	cps
Selenium	77-2	140	110	150	133	15.61	cps
Selenium	78-2	247	340	307	298	15.88	cps
Silicon	28-1	24630670	24510706	24201139	24447505	0.91	cps
Silver	107-1	9213	9266	9206	9229	0.36	cps
Silver	109-1	8899	8413	8309	8540	3.69	cps
Sodium	23-2	117484	117541	117980	117668	0.23	cps
Strontium	86-1	220801	218567	217472	218946	0.77	cps
Strontium	88-1	1965446	1912745	1933740	1937310	1.37	cps
Sulfur	34-1	145932	141616	135471	141006	3.73	cps
Terbium	159-1	15872179	16066220	16052006	15996802	0.68	cps
Terbium	159-2	9700048	9929991	9859277	9829772	1.20	cps
Thallium	203-1	3214	3814	4471	3833	16.40	cps
Thallium	205-1	7929	8826	10547	9101	14.62	cps
Tin	118-1	14457	14164	13833	14152	2.21	cps
Titanium	47-1	1705342	1702200	1651904	1686482	1.78	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-01	Instrumnet Name :	P7
Client Sample ID :	MYD4Q8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:17:42	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21751	22299	22386	22145	1.55	cps
Vanadium	51-2	530047	527695	527926	528556	0.25	cps
Yttrium	89-1	13532143	13256085	13227655	13338628	1.26	cps
Yttrium	89-2	2972719	2999291	2977397	2983136	0.48	cps
Zinc	66-2	194225	195130	196697	195351	0.64	cps
Zirconium	90-1	142295	142459	142116	142290	0.12	cps
Zirconium	91-1	32306	32132	31791	32076	0.82	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-02	Instrumnet Name :	P7
Client Sample ID :	MYD4Q9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:20:51	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5418548	5378770	5374017	5390445	0.45	cps
Antimony	121-1	19340	19864	19380	19528	1.49	cps
Arsenic	75-2	65912	64961	65936	65603	0.85	cps
Barium	135-1	540288	546092	543012	543131	0.53	cps
Barium	137-1	939461	951253	945126	945280	0.62	cps
Beryllium	9-1	1627	1837	1797	1753	6.36	cps
Bismuth	209-1	9606757	9625654	9477993	9570134	0.84	cps
Bismuth	209-2	7055913	7162554	7170962	7129810	0.90	cps
Bromine	81-1	8436	8753	8439	8543	2.13	cps
Bromine	81-2	263	240	277	260	7.14	cps
Cadmium	108-1	347	413	430	397	11.12	cps
Cadmium	106-1	4041	3811	3661	3837	4.99	cps
Cadmium	111-1	6400	6205	6082	6229	2.57	cps
Calcium	43-1	260972	264879	262878	262910	0.74	cps
Calcium	44-1	3890912	3946241	3893708	3910287	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110988	111175	110850	111004	0.15	cps
Cobalt	59-2	138455	137040	135922	137139	0.93	cps
Copper	63-2	449574	446117	445717	447136	0.47	cps
Dysprosium	156-1	61229	61561	62230	61673	0.83	cps
Dysprosium	156-2	46641	46503	46179	46441	0.51	cps
Erbium	164-1	53522	54044	54064	53877	0.57	cps
Erbium	164-2	34757	34499	33814	34357	1.42	cps
Gadolinium	160-1	58950	60236	59332	59506	1.11	cps
Gadolinium	160-2	39780	40188	39736	39901	0.62	cps
Holmium	165-1	15676858	15617419	15317025	15537101	1.24	cps
Holmium	165-2	10004053	10019475	10005730	10009752	0.08	cps
Indium	115-1	11390150	11509246	11422952	11440783	0.54	cps
Indium	115-2	3557386	3585955	3557332	3566891	0.46	cps
Iron	56-2	211359097	208495797	207725484	209193459	0.92	cps
Iron	57-2	5178154	5206690	5121096	5168647	0.84	cps
Iron	54-2	11429162	11370622	11372493	11390759	0.29	cps
Krypton	83-1	123	137	120	127	6.96	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-02	Instrumnet Name :	P7
Client Sample ID :	MYD4Q9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:20:51	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	858303	872322	868029	866218	0.83	cps
Lead	207-1	795655	809254	803078	802662	0.85	cps
Lead	208-1	3717044	3736490	3731416	3728317	0.27	cps
Lithium	6-1	2355634	2334409	2298603	2329549	1.24	cps
Magnesium	24-2	3269412	3248331	3200677	3239474	1.09	cps
Manganese	55-2	2976351	2944019	2970129	2963500	0.58	cps
Molybdenum	94-1	45076	45353	45424	45284	0.41	cps
Molybdenum	95-1	5191	5201	5308	5233	1.24	cps
Molybdenum	96-1	15458	15975	15685	15706	1.65	cps
Molybdenum	97-1	3320	3234	3260	3272	1.36	cps
Molybdenum	98-1	8579	8292	8332	8401	1.85	cps
Neodymium	150-1	102663	102731	103194	102863	0.28	cps
Neodymium	150-2	55074	54880	56037	55330	1.12	cps
Nickel	60-2	36568	36287	36504	36453	0.40	cps
Phosphorus	31-2	18969	19689	19609	19422	2.03	cps
Potassium	39-2	2025495	2013213	2005276	2014661	0.51	cps
Rhodium	103-1	10238753	10300810	10155607	10231723	0.71	cps
Rhodium	103-2	5527763	5482760	5535044	5515189	0.51	cps
Scandium	45-1	6250874	6269527	6189353	6236585	0.67	cps
Scandium	45-2	496663	496087	495404	496051	0.13	cps
Selenium	82-1	621	624	634	626	1.11	cps
Selenium	77-2	110	150	123	128	15.94	cps
Selenium	78-2	277	213	277	256	14.31	cps
Silicon	28-1	19446388	19646248	19496637	19529758	0.53	cps
Silver	107-1	7372	7569	7465	7469	1.32	cps
Silver	109-1	6695	7035	7499	7076	5.70	cps
Sodium	23-2	101867	103508	102132	102503	0.86	cps
Strontium	86-1	170831	171960	171930	171574	0.38	cps
Strontium	88-1	1496060	1496983	1491811	1494951	0.18	cps
Sulfur	34-1	125752	124656	124694	125034	0.50	cps
Terbium	159-1	15929824	15993891	15762709	15895475	0.75	cps
Terbium	159-2	9733020	9877753	9708892	9773222	0.93	cps
Thallium	203-1	3220	3274	3334	3276	1.73	cps
Thallium	205-1	7906	7952	8069	7976	1.06	cps
Tin	118-1	11768	12082	12122	11991	1.61	cps
Titanium	47-1	1423465	1418322	1416083	1419290	0.27	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-02	Instrumnet Name :	P7
Client Sample ID :	MYD4Q9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:20:51	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24286	24943	24576	24602	1.34	cps
Vanadium	51-2	406504	400483	400784	402590	0.84	cps
Yttrium	89-1	13009697	12874407	12617243	12833782	1.55	cps
Yttrium	89-2	2928426	2947467	2960688	2945527	0.55	cps
Zinc	66-2	242307	240932	242209	241816	0.32	cps
Zirconium	90-1	112664	114257	114478	113800	0.87	cps
Zirconium	91-1	26000	25649	25359	25669	1.25	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-03	Instrumnet Name :	P7
Client Sample ID :	MYD4R0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:23:59	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7101215	7050597	6957899	7036570	1.03	cps
Antimony	121-1	19056	19243	19634	19311	1.53	cps
Arsenic	75-2	63980	63729	62849	63519	0.94	cps
Barium	135-1	670648	674387	681035	675357	0.78	cps
Barium	137-1	1152472	1163609	1172771	1162951	0.87	cps
Beryllium	9-1	2043	1903	1930	1959	3.80	cps
Bismuth	209-1	9534955	9543634	9479533	9519374	0.37	cps
Bismuth	209-2	7134416	7034019	7068213	7078883	0.72	cps
Bromine	81-1	9476	9190	9433	9366	1.65	cps
Bromine	81-2	453	413	427	431	4.73	cps
Cadmium	108-1	480	367	413	420	13.56	cps
Cadmium	106-1	3881	3887	3881	3883	0.10	cps
Cadmium	111-1	7345	7632	7448	7475	1.95	cps
Calcium	43-1	395113	397931	398289	397111	0.44	cps
Calcium	44-1	5909575	5985219	5978884	5957892	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125130	123732	123322	124062	0.76	cps
Cobalt	59-2	160679	160548	158062	159763	0.92	cps
Copper	63-2	631678	631231	625519	629476	0.55	cps
Dysprosium	156-1	64453	64256	65241	64650	0.81	cps
Dysprosium	156-2	47895	48634	48453	48327	0.80	cps
Erbium	164-1	57243	56895	57012	57050	0.31	cps
Erbium	164-2	37026	36792	35959	36592	1.53	cps
Gadolinium	160-1	62850	61752	62867	62490	1.02	cps
Gadolinium	160-2	41715	41976	41612	41768	0.45	cps
Holmium	165-1	15574985	15545266	15375624	15498625	0.69	cps
Holmium	165-2	9990613	9790223	9775487	9852108	1.22	cps
Indium	115-1	11481114	11564329	11329617	11458353	1.04	cps
Indium	115-2	3577004	3528237	3538391	3547878	0.73	cps
Iron	56-2	238276050	237253870	237686363	237738761	0.22	cps
Iron	57-2	5908819	5831490	5799334	5846547	0.96	cps
Iron	54-2	12842708	12857327	12749772	12816602	0.46	cps
Krypton	83-1	140	187	173	167	14.42	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-03	Instrumnet Name :	P7
Client Sample ID :	MYD4R0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:23:59	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	962817	967643	974144	968201	0.59	cps
Lead	207-1	899820	903897	907154	903624	0.41	cps
Lead	208-1	4187826	4167597	4187837	4181087	0.28	cps
Lithium	6-1	2344930	2348841	2297885	2330552	1.22	cps
Magnesium	24-2	4194845	4180270	4169079	4181398	0.31	cps
Manganese	55-2	3899507	3913870	3881090	3898156	0.42	cps
Molybdenum	94-1	43347	43464	44404	43738	1.32	cps
Molybdenum	95-1	4687	4864	4878	4810	2.21	cps
Molybdenum	96-1	14858	15295	15769	15307	2.98	cps
Molybdenum	97-1	2970	2967	2864	2934	2.07	cps
Molybdenum	98-1	7395	7732	7732	7620	2.55	cps
Neodymium	150-1	104823	106246	105958	105675	0.71	cps
Neodymium	150-2	56365	55830	56064	56086	0.48	cps
Nickel	60-2	42082	42530	42066	42226	0.62	cps
Phosphorus	31-2	20217	20327	19776	20107	1.45	cps
Potassium	39-2	2523453	2503977	2509929	2512453	0.40	cps
Rhodium	103-1	10122991	10081901	10057847	10087579	0.33	cps
Rhodium	103-2	5528201	5437020	5438862	5468028	0.95	cps
Scandium	45-1	6164534	6206422	6163259	6178072	0.40	cps
Scandium	45-2	502496	497896	494392	498262	0.82	cps
Selenium	82-1	692	628	648	656	5.00	cps
Selenium	77-2	137	163	97	132	25.38	cps
Selenium	78-2	303	277	273	284	5.78	cps
Silicon	28-1	19411312	19477331	19628810	19505818	0.57	cps
Silver	107-1	9130	9480	9623	9411	2.70	cps
Silver	109-1	8526	9086	9126	8913	3.77	cps
Sodium	23-2	106787	108884	109438	108370	1.29	cps
Strontium	86-1	219643	221940	223179	221588	0.81	cps
Strontium	88-1	1943615	1931120	1949957	1941564	0.49	cps
Sulfur	34-1	178364	179699	177713	178592	0.57	cps
Terbium	159-1	15994718	15991939	15804450	15930369	0.68	cps
Terbium	159-2	9888475	9717999	9755027	9787167	0.92	cps
Thallium	203-1	2897	2967	2917	2927	1.23	cps
Thallium	205-1	7062	6758	6935	6918	2.20	cps
Tin	118-1	15475	15879	15929	15761	1.58	cps
Titanium	47-1	1513212	1516176	1504648	1511345	0.40	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-03	Instrumnet Name :	P7
Client Sample ID :	MYD4R0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:23:59	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22209	22659	21835	22234	1.86	cps
Vanadium	51-2	442637	440202	435799	439546	0.79	cps
Yttrium	89-1	12858088	12727069	12754962	12780040	0.54	cps
Yttrium	89-2	2946293	2951852	2917928	2938691	0.62	cps
Zinc	66-2	271571	272184	269948	271234	0.43	cps
Zirconium	90-1	108540	110028	109947	109505	0.76	cps
Zirconium	91-1	24414	25225	24661	24767	1.68	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-04	Instrumnet Name :	P7
Client Sample ID :	MYD4R1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:27:09	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4009289	4019925	4032603	4020605	0.29	cps
Antimony	121-1	18722	18696	18559	18659	0.47	cps
Arsenic	75-2	42477	42380	43146	42668	0.98	cps
Barium	135-1	406525	412857	410359	409914	0.78	cps
Barium	137-1	707499	715797	711506	711601	0.58	cps
Beryllium	9-1	1667	1573	1687	1642	3.68	cps
Bismuth	209-1	9479949	9508503	9662450	9550301	1.03	cps
Bismuth	209-2	7203199	7074041	6999679	7092306	1.45	cps
Bromine	81-1	8322	8386	8189	8299	1.21	cps
Bromine	81-2	253	177	267	232	20.92	cps
Cadmium	108-1	400	300	417	372	16.95	cps
Cadmium	106-1	3774	3670	3897	3781	3.00	cps
Cadmium	111-1	6602	6617	6637	6619	0.26	cps
Calcium	43-1	210079	212448	213881	212136	0.91	cps
Calcium	44-1	3195912	3206475	3193602	3198663	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87646	87652	87572	87623	0.05	cps
Cobalt	59-2	129493	127425	128847	128588	0.82	cps
Copper	63-2	552296	553109	561222	555542	0.89	cps
Dysprosium	156-1	55422	55901	56677	56000	1.13	cps
Dysprosium	156-2	42631	43179	43370	43060	0.89	cps
Erbium	164-1	47562	47708	47962	47744	0.42	cps
Erbium	164-2	30413	29962	30493	30289	0.95	cps
Gadolinium	160-1	50812	52227	52147	51728	1.54	cps
Gadolinium	160-2	34736	34710	34619	34688	0.18	cps
Holmium	165-1	15515624	15373661	15315710	15401665	0.67	cps
Holmium	165-2	10085852	9940630	9778309	9934930	1.55	cps
Indium	115-1	11598519	11422199	11326149	11448955	1.21	cps
Indium	115-2	3560205	3497486	3467385	3508359	1.35	cps
Iron	56-2	179901591	178901144	179238451	179347062	0.28	cps
Iron	57-2	4419013	4390922	4458545	4422827	0.77	cps
Iron	54-2	9685250	9675453	9685235	9681979	0.06	cps
Krypton	83-1	167	193	160	173	10.18	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-04	Instrumnet Name :	P7
Client Sample ID :	MYD4R1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:27:09	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	641377	648764	648028	646056	0.63	cps
Lead	207-1	588288	594647	592915	591950	0.56	cps
Lead	208-1	2611131	2647056	2643090	2633759	0.75	cps
Lithium	6-1	2301999	2274496	2276393	2284296	0.67	cps
Magnesium	24-2	2506330	2504495	2472457	2494427	0.76	cps
Manganese	55-2	2850430	2863477	2875874	2863260	0.44	cps
Molybdenum	94-1	43962	44120	44417	44166	0.52	cps
Molybdenum	95-1	4574	4788	4641	4667	2.34	cps
Molybdenum	96-1	14267	15148	14954	14790	3.13	cps
Molybdenum	97-1	3107	2850	3130	3029	5.13	cps
Molybdenum	98-1	7792	7609	7869	7757	1.72	cps
Neodymium	150-1	94581	95232	96366	95393	0.95	cps
Neodymium	150-2	52076	51403	50677	51385	1.36	cps
Nickel	60-2	29275	29165	28557	28999	1.33	cps
Phosphorus	31-2	16119	15985	15975	16026	0.50	cps
Potassium	39-2	1796140	1804090	1824214	1808148	0.80	cps
Rhodium	103-1	10158362	10253772	10019265	10143800	1.16	cps
Rhodium	103-2	5474724	5482847	5404527	5454033	0.79	cps
Scandium	45-1	6092278	6083141	6017948	6064456	0.67	cps
Scandium	45-2	488166	481993	481622	483927	0.76	cps
Selenium	82-1	514	545	498	519	4.61	cps
Selenium	77-2	143	107	143	131	16.15	cps
Selenium	78-2	237	227	253	239	5.64	cps
Silicon	28-1	14282291	14428276	14464940	14391836	0.67	cps
Silver	107-1	6215	6482	6538	6411	2.69	cps
Silver	109-1	6081	6225	5928	6078	2.44	cps
Sodium	23-2	90544	92593	92627	91921	1.30	cps
Strontium	86-1	152150	155013	153264	153476	0.94	cps
Strontium	88-1	1326850	1339884	1346188	1337641	0.74	cps
Sulfur	34-1	117739	119005	118381	118375	0.53	cps
Terbium	159-1	15791156	15898504	15885116	15858259	0.37	cps
Terbium	159-2	9696818	9749713	9619119	9688550	0.68	cps
Thallium	203-1	2284	2367	2417	2356	2.86	cps
Thallium	205-1	5581	5885	5905	5790	3.13	cps
Tin	118-1	11345	11748	11688	11594	1.88	cps
Titanium	47-1	1528544	1522925	1515438	1522302	0.43	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-04	Instrumnet Name :	P7
Client Sample ID :	MYD4R1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:27:09	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23741	24703	24242	24229	1.99	cps
Vanadium	51-2	333469	333839	337081	334797	0.59	cps
Yttrium	89-1	12511263	12573716	12513268	12532749	0.28	cps
Yttrium	89-2	2897778	2878330	2847878	2874662	0.87	cps
Zinc	66-2	164676	165387	165907	165323	0.37	cps
Zirconium	90-1	110048	111459	113578	111695	1.59	cps
Zirconium	91-1	24631	25369	24981	24994	1.48	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-05	Instrumnet Name :	P7
Client Sample ID :	MYD4R2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:30:18	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7595548	7721433	7593315	7636765	0.96	cps
Antimony	121-1	13863	14100	13827	13930	1.07	cps
Arsenic	75-2	56872	57899	57343	57371	0.90	cps
Barium	135-1	617043	614546	623096	618228	0.71	cps
Barium	137-1	1068535	1075638	1075518	1073230	0.38	cps
Beryllium	9-1	1840	1997	2100	1979	6.62	cps
Bismuth	209-1	9358324	9544466	9398012	9433601	1.04	cps
Bismuth	209-2	7011167	6970147	6986401	6989238	0.30	cps
Bromine	81-1	8503	8556	8876	8645	2.34	cps
Bromine	81-2	303	277	323	301	7.78	cps
Cadmium	108-1	383	363	400	382	4.80	cps
Cadmium	106-1	3824	4067	3944	3945	3.08	cps
Cadmium	111-1	6396	6490	6445	6443	0.73	cps
Calcium	43-1	343713	343158	346221	344364	0.47	cps
Calcium	44-1	5145521	5160920	5169957	5158800	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128771	127876	127765	128137	0.43	cps
Cobalt	59-2	159352	157668	156048	157690	1.05	cps
Copper	63-2	494262	492467	490718	492482	0.36	cps
Dysprosium	156-1	65388	65318	66178	65628	0.73	cps
Dysprosium	156-2	49276	49908	48791	49325	1.14	cps
Erbium	164-1	59014	60189	59770	59658	1.00	cps
Erbium	164-2	38800	39068	38098	38656	1.30	cps
Gadolinium	160-1	63992	64196	63814	64001	0.30	cps
Gadolinium	160-2	43591	42782	42675	43016	1.16	cps
Holmium	165-1	15323259	15718778	15261037	15434358	1.61	cps
Holmium	165-2	9891238	9863177	9825242	9859885	0.34	cps
Indium	115-1	11205189	11645155	11325029	11391791	2.00	cps
Indium	115-2	3481244	3489311	3475673	3482076	0.20	cps
Iron	56-2	253261870	252710450	250447016	252139778	0.59	cps
Iron	57-2	6155359	6150667	6176136	6160721	0.22	cps
Iron	54-2	13746497	13578165	13474291	13599651	1.01	cps
Krypton	83-1	190	203	223	206	8.16	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-05	Instrumnet Name :	P7
Client Sample ID :	MYD4R2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:30:18	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	756264	770414	768857	765178	1.01	cps
Lead	207-1	708288	709678	706138	708034	0.25	cps
Lead	208-1	3277624	3143379	3141613	3187539	2.45	cps
Lithium	6-1	2312735	2327327	2289432	2309831	0.83	cps
Magnesium	24-2	4424967	4416131	4373526	4404874	0.62	cps
Manganese	55-2	3826549	3851869	3757367	3811928	1.28	cps
Molybdenum	94-1	51821	52216	51002	51680	1.20	cps
Molybdenum	95-1	4544	4564	4684	4597	1.65	cps
Molybdenum	96-1	16566	17090	17050	16902	1.73	cps
Molybdenum	97-1	2827	2937	2810	2858	2.41	cps
Molybdenum	98-1	7128	7459	7222	7270	2.34	cps
Neodymium	150-1	106391	107076	107768	107078	0.64	cps
Neodymium	150-2	56563	57142	57654	57120	0.96	cps
Nickel	60-2	42045	42042	42413	42167	0.51	cps
Phosphorus	31-2	19115	18979	19035	19043	0.36	cps
Potassium	39-2	1828722	1809276	1807572	1815190	0.65	cps
Rhodium	103-1	9959296	10210365	9948243	10039302	1.48	cps
Rhodium	103-2	5485198	5386122	5387596	5419639	1.05	cps
Scandium	45-1	6142378	6298270	6120096	6186915	1.57	cps
Scandium	45-2	495669	492931	492982	493861	0.32	cps
Selenium	82-1	585	503	506	531	8.78	cps
Selenium	77-2	150	173	97	140	28.07	cps
Selenium	78-2	280	247	267	264	6.35	cps
Silicon	28-1	18840956	18973396	19000500	18938284	0.45	cps
Silver	107-1	6165	6145	6358	6223	1.89	cps
Silver	109-1	6078	6045	6078	6067	0.32	cps
Sodium	23-2	111543	112598	111829	111990	0.49	cps
Strontium	86-1	190778	192412	192801	191997	0.56	cps
Strontium	88-1	1674174	1679545	1650549	1668090	0.92	cps
Sulfur	34-1	117816	120148	119372	119112	1.00	cps
Terbium	159-1	15622877	15983132	15674269	15760093	1.24	cps
Terbium	159-2	9689063	9782517	9747798	9739793	0.49	cps
Thallium	203-1	2534	2397	2500	2477	2.88	cps
Thallium	205-1	6048	6295	6525	6289	3.79	cps
Tin	118-1	13099	13039	12973	13037	0.49	cps
Titanium	47-1	1569906	1592066	1618465	1593479	1.53	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-05	Instrumnet Name :	P7
Client Sample ID :	MYD4R2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:30:18	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21164	21017	20816	20999	0.83	cps
Vanadium	51-2	478201	477250	473435	476296	0.53	cps
Yttrium	89-1	12803297	13082322	12599180	12828266	1.89	cps
Yttrium	89-2	2924905	2941549	2922264	2929573	0.36	cps
Zinc	66-2	229479	227114	228433	228342	0.52	cps
Zirconium	90-1	131728	132266	133584	132526	0.72	cps
Zirconium	91-1	29373	30097	29102	29524	1.74	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-06	Instrumnet Name :	P7
Client Sample ID :	MYD4R3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:33:29	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9055003	8881441	8896081	8944175	1.08	cps
Antimony	121-1	7869	8002	7826	7899	1.17	cps
Arsenic	75-2	30037	29499	29777	29771	0.90	cps
Barium	135-1	972016	980348	983329	978564	0.60	cps
Barium	137-1	1766463	1779789	1760411	1768888	0.56	cps
Beryllium	9-1	2510	2584	2644	2579	2.59	cps
Bismuth	209-1	9296533	9317553	9247542	9287209	0.39	cps
Bismuth	209-2	6872310	7010418	6892039	6924922	1.08	cps
Bromine	81-1	8436	8736	8906	8693	2.74	cps
Bromine	81-2	323	380	357	353	8.06	cps
Cadmium	108-1	210	250	250	237	9.76	cps
Cadmium	106-1	3804	3717	3704	3742	1.45	cps
Cadmium	111-1	3989	3870	4004	3955	1.85	cps
Calcium	43-1	400183	404495	404601	403093	0.63	cps
Calcium	44-1	5967469	6069320	6089919	6042236	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	143095	141987	142630	142571	0.39	cps
Cobalt	59-2	157931	157580	158554	158022	0.31	cps
Copper	63-2	372581	369493	366185	369420	0.87	cps
Dysprosium	156-1	86611	87430	87188	87076	0.48	cps
Dysprosium	156-2	66456	65013	65167	65545	1.21	cps
Erbium	164-1	73817	73696	75036	74183	1.00	cps
Erbium	164-2	47373	46775	46915	47021	0.67	cps
Gadolinium	160-1	82360	82712	84587	83220	1.44	cps
Gadolinium	160-2	57096	55489	55426	56003	1.69	cps
Holmium	165-1	15231890	15180610	15260866	15224455	0.27	cps
Holmium	165-2	9757949	9754708	9685491	9732716	0.42	cps
Indium	115-1	11269800	11245434	11035558	11183597	1.15	cps
Indium	115-2	3431012	3459840	3434650	3441834	0.46	cps
Iron	56-2	256379430	256633803	255464863	256159365	0.24	cps
Iron	57-2	6247853	6321993	6229867	6266571	0.78	cps
Iron	54-2	13877009	13900589	13894535	13890711	0.09	cps
Krypton	83-1	173	213	220	202	12.48	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-06	Instrumnet Name :	P7
Client Sample ID :	MYD4R3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:33:29	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	320053	319393	321413	320286	0.32	cps
Lead	207-1	281219	280791	282220	281410	0.26	cps
Lead	208-1	1268701	1271184	1280785	1273556	0.50	cps
Lithium	6-1	2243265	2246897	2243694	2244619	0.09	cps
Magnesium	24-2	4699957	4662662	4650052	4670890	0.56	cps
Manganese	55-2	3583158	3594131	3610103	3595797	0.38	cps
Molybdenum	94-1	53295	52159	53206	52887	1.19	cps
Molybdenum	95-1	3881	3847	3927	3885	1.03	cps
Molybdenum	96-1	15869	16106	16476	16150	1.90	cps
Molybdenum	97-1	2170	2404	2560	2378	8.25	cps
Molybdenum	98-1	5891	6295	5965	6050	3.55	cps
Neodymium	150-1	146246	147482	150118	147949	1.34	cps
Neodymium	150-2	79274	78845	78151	78757	0.72	cps
Nickel	60-2	48187	47879	47709	47925	0.51	cps
Phosphorus	31-2	17553	17026	17380	17320	1.55	cps
Potassium	39-2	1496880	1498784	1465245	1486970	1.27	cps
Rhodium	103-1	9919118	9880414	9847833	9882455	0.36	cps
Rhodium	103-2	5300222	5265202	5326434	5297286	0.58	cps
Scandium	45-1	6073850	6078292	6051091	6067744	0.24	cps
Scandium	45-2	483357	489691	486325	486457	0.65	cps
Selenium	82-1	574	492	501	522	8.59	cps
Selenium	77-2	213	177	203	198	9.58	cps
Selenium	78-2	253	257	293	268	8.29	cps
Silicon	28-1	21391874	21463040	21661061	21505325	0.65	cps
Silver	107-1	3667	3677	3560	3635	1.78	cps
Silver	109-1	3184	3300	3444	3309	3.94	cps
Sodium	23-2	95621	95856	95621	95699	0.14	cps
Strontium	86-1	233245	236052	236177	235158	0.71	cps
Strontium	88-1	2087984	2065979	2085753	2079905	0.58	cps
Sulfur	34-1	117759	120158	120800	119572	1.34	cps
Terbium	159-1	15571841	15656018	15842662	15690174	0.88	cps
Terbium	159-2	9651697	9519319	9503321	9558113	0.85	cps
Thallium	203-1	2234	2300	2230	2255	1.75	cps
Thallium	205-1	5278	5368	5374	5340	1.01	cps
Tin	118-1	11878	11785	11498	11720	1.69	cps
Titanium	47-1	956760	964001	964541	961767	0.45	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-06	Instrumnet Name :	P7
Client Sample ID :	MYD4R3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:33:29	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28427	28704	28814	28649	0.70	cps
Vanadium	51-2	475315	473724	470375	473138	0.53	cps
Yttrium	89-1	12811823	12743111	12837988	12797640	0.38	cps
Yttrium	89-2	2928100	2921644	2867929	2905891	1.14	cps
Zinc	66-2	113235	111408	111838	112160	0.85	cps
Zirconium	90-1	134170	135626	135141	134979	0.55	cps
Zirconium	91-1	29974	30285	30889	30383	1.53	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-07	Instrumnet Name :	P7
Client Sample ID :	MYD4R4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:36:38	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6784896	6691286	6663274	6713152	0.95	cps
Antimony	121-1	6068	6295	6441	6268	3.00	cps
Arsenic	75-2	21926	22223	21990	22046	0.71	cps
Barium	135-1	638064	644708	648741	643838	0.84	cps
Barium	137-1	1112613	1120196	1125105	1119305	0.56	cps
Beryllium	9-1	1753	1750	1830	1778	2.55	cps
Bismuth	209-1	9280695	9118778	9249560	9216344	0.93	cps
Bismuth	209-2	6903569	6857492	6710600	6823887	1.48	cps
Bromine	81-1	8292	8486	8459	8412	1.25	cps
Bromine	81-2	257	267	283	269	5.01	cps
Cadmium	108-1	547	507	470	508	7.55	cps
Cadmium	106-1	3894	3861	3784	3846	1.47	cps
Cadmium	111-1	3373	3444	3403	3407	1.05	cps
Calcium	43-1	920752	931079	937174	929669	0.89	cps
Calcium	44-1	13761923	13855169	13947550	13854881	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129506	129568	128357	129144	0.53	cps
Cobalt	59-2	154543	155516	153681	154580	0.59	cps
Copper	63-2	256349	255467	252977	254931	0.69	cps
Dysprosium	156-1	71927	72610	73802	72780	1.30	cps
Dysprosium	156-2	54047	54592	54488	54376	0.53	cps
Erbium	164-1	61973	62402	62462	62279	0.43	cps
Erbium	164-2	40348	39238	40793	40126	2.00	cps
Gadolinium	160-1	69163	69722	69836	69574	0.52	cps
Gadolinium	160-2	47463	47002	46721	47062	0.80	cps
Holmium	165-1	15111450	15067948	14961862	15047086	0.51	cps
Holmium	165-2	9766413	9756177	9408448	9643679	2.11	cps
Indium	115-1	11124399	11204417	11024989	11117935	0.81	cps
Indium	115-2	3433345	3415381	3379156	3409294	0.81	cps
Iron	56-2	198790277	199767604	198324570	198960817	0.37	cps
Iron	57-2	4952069	4836420	4901298	4896596	1.18	cps
Iron	54-2	10823487	10931574	10797716	10850926	0.65	cps
Krypton	83-1	147	177	207	177	16.98	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-07	Instrumnet Name :	P7
Client Sample ID :	MYD4R4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:36:38	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	192783	194909	196531	194741	0.97	cps
Lead	207-1	168271	170337	171969	170192	1.09	cps
Lead	208-1	762413	769756	774561	768910	0.80	cps
Lithium	6-1	2205820	2222984	2234844	2221216	0.66	cps
Magnesium	24-2	5185017	5052922	5144169	5127369	1.32	cps
Manganese	55-2	4188819	4123413	4135098	4149110	0.84	cps
Molybdenum	94-1	41606	42488	42739	42278	1.41	cps
Molybdenum	95-1	3651	3727	3817	3732	2.24	cps
Molybdenum	96-1	13880	13730	13706	13772	0.68	cps
Molybdenum	97-1	2390	2377	2530	2432	3.49	cps
Molybdenum	98-1	5938	6165	6131	6078	2.01	cps
Neodymium	150-1	119817	121306	121552	120892	0.78	cps
Neodymium	150-2	65682	64493	64054	64743	1.30	cps
Nickel	60-2	45870	45442	45689	45667	0.47	cps
Phosphorus	31-2	21539	21068	20924	21177	1.52	cps
Potassium	39-2	1788433	1772134	1791727	1784098	0.59	cps
Rhodium	103-1	9756599	9806392	9733878	9765623	0.38	cps
Rhodium	103-2	5356997	5256851	5240323	5284724	1.19	cps
Scandium	45-1	5889832	6004915	6001397	5965381	1.10	cps
Scandium	45-2	484837	483563	477478	481959	0.82	cps
Selenium	82-1	467	455	455	459	1.47	cps
Selenium	77-2	163	180	157	167	7.21	cps
Selenium	78-2	270	203	237	237	14.08	cps
Silicon	28-1	21012938	21313482	21228583	21185001	0.73	cps
Silver	107-1	1663	1637	1637	1646	0.94	cps
Silver	109-1	1580	1650	1597	1609	2.27	cps
Sodium	23-2	108717	107995	110341	109018	1.10	cps
Strontium	86-1	198597	201243	202618	200819	1.02	cps
Strontium	88-1	1735639	1761043	1753620	1750101	0.75	cps
Sulfur	34-1	134943	137666	140347	137652	1.96	cps
Terbium	159-1	15420179	15641579	15591181	15550980	0.75	cps
Terbium	159-2	9480282	9530191	9340168	9450214	1.04	cps
Thallium	203-1	2110	2267	2204	2194	3.59	cps
Thallium	205-1	5218	5154	5171	5181	0.63	cps
Tin	118-1	9513	10047	10110	9890	3.32	cps
Titanium	47-1	726545	737621	742683	735616	1.12	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-07	Instrumnet Name :	P7
Client Sample ID :	MYD4R4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:36:38	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18733	18790	19074	18866	0.97	cps
Vanadium	51-2	327513	328930	325463	327302	0.53	cps
Yttrium	89-1	12639560	12556550	12506112	12567407	0.54	cps
Yttrium	89-2	2833923	2872184	2817409	2841172	0.99	cps
Zinc	66-2	108973	108443	108084	108500	0.41	cps
Zirconium	90-1	106398	109397	110273	108689	1.87	cps
Zirconium	91-1	24060	24704	24624	24463	1.44	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-08	Instrumnet Name :	P7
Client Sample ID :	MYD4R5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:39:51	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6678185	6672983	6713497	6688222	0.33	cps
Antimony	121-1	5454	5521	5621	5532	1.52	cps
Arsenic	75-2	21045	20524	20144	20571	2.20	cps
Barium	135-1	561536	569040	569960	566845	0.82	cps
Barium	137-1	978532	985337	988831	984233	0.53	cps
Beryllium	9-1	1743	1770	1763	1759	0.79	cps
Bismuth	209-1	9060629	9169434	9009848	9079970	0.90	cps
Bismuth	209-2	6811851	6871664	6819281	6834265	0.48	cps
Bromine	81-1	7632	7906	7505	7681	2.66	cps
Bromine	81-2	160	167	180	169	6.03	cps
Cadmium	108-1	173	177	183	178	2.86	cps
Cadmium	106-1	3717	3711	3564	3664	2.37	cps
Cadmium	111-1	3321	3187	3120	3209	3.19	cps
Calcium	43-1	1266374	1289928	1299112	1285138	1.31	cps
Calcium	44-1	20521313	20512547	20553300	20529053	0.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	134836	135115	136544	135498	0.68	cps
Cobalt	59-2	172613	171393	170958	171655	0.50	cps
Copper	63-2	248621	250424	250556	249867	0.43	cps
Dysprosium	156-1	71504	71303	70811	71206	0.50	cps
Dysprosium	156-2	53431	53133	53903	53489	0.73	cps
Erbium	164-1	61176	61381	61002	61186	0.31	cps
Erbium	164-2	39415	39325	38246	38995	1.67	cps
Gadolinium	160-1	67495	67759	67984	67746	0.36	cps
Gadolinium	160-2	46122	45527	45360	45670	0.88	cps
Holmium	165-1	14949834	15039449	14728874	14906052	1.07	cps
Holmium	165-2	9770226	9735855	9631905	9712662	0.74	cps
Indium	115-1	11135049	11070753	10949558	11051787	0.85	cps
Indium	115-2	3431999	3472023	3438153	3447392	0.63	cps
Iron	56-2	205821750	206631550	205370777	205941359	0.31	cps
Iron	57-2	5085490	5012393	5032787	5043557	0.75	cps
Iron	54-2	11225779	11209364	11080723	11171955	0.71	cps
Krypton	83-1	180	177	177	178	1.08	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-08	Instrumnet Name :	P7
Client Sample ID :	MYD4R5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:39:51	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	162522	164165	164751	163813	0.71	cps
Lead	207-1	141430	141302	143087	141940	0.70	cps
Lead	208-1	640174	642685	648654	643838	0.68	cps
Lithium	6-1	2200173	2201781	2182452	2194802	0.49	cps
Magnesium	24-2	5206657	5172173	5194477	5191102	0.34	cps
Manganese	55-2	3782300	3764687	3754736	3767241	0.37	cps
Molybdenum	94-1	50477	50925	50804	50735	0.46	cps
Molybdenum	95-1	3394	3540	3377	3437	2.62	cps
Molybdenum	96-1	15225	14851	14868	14981	1.41	cps
Molybdenum	97-1	2370	2194	2150	2238	5.21	cps
Molybdenum	98-1	5144	5578	5448	5390	4.13	cps
Neodymium	150-1	117854	119534	119226	118871	0.75	cps
Neodymium	150-2	64158	63355	63843	63785	0.63	cps
Nickel	60-2	49411	48766	48294	48824	1.15	cps
Phosphorus	31-2	18711	18965	18047	18575	2.55	cps
Potassium	39-2	1521134	1511152	1536932	1523073	0.85	cps
Rhodium	103-1	9664821	9633328	9495950	9598033	0.94	cps
Rhodium	103-2	5330996	5270009	5330785	5310597	0.66	cps
Scandium	45-1	5955544	5941880	5854657	5917360	0.92	cps
Scandium	45-2	479937	476639	481616	479397	0.53	cps
Selenium	82-1	476	462	504	480	4.45	cps
Selenium	77-2	90	163	160	138	30.06	cps
Selenium	78-2	233	220	287	247	14.30	cps
Silicon	28-1	20632043	21004433	20985341	20873939	1.00	cps
Silver	107-1	1170	1233	1100	1168	5.71	cps
Silver	109-1	1003	933	873	937	6.95	cps
Sodium	23-2	97503	96983	98096	97527	0.57	cps
Strontium	86-1	195682	198780	197739	197400	0.80	cps
Strontium	88-1	1722108	1721341	1734811	1726087	0.44	cps
Sulfur	34-1	137384	139645	141129	139386	1.35	cps
Terbium	159-1	15252594	15449096	15176416	15292702	0.92	cps
Terbium	159-2	9548254	9348167	9468358	9454927	1.07	cps
Thallium	203-1	2057	2050	2077	2061	0.67	cps
Thallium	205-1	4768	4741	5084	4864	3.93	cps
Tin	118-1	10107	10110	9843	10020	1.53	cps
Titanium	47-1	848901	862849	862706	858152	0.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-08	Instrumnet Name :	P7
Client Sample ID :	MYD4R5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:39:51	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19548	19394	19865	19602	1.22	cps
Vanadium	51-2	347980	344870	349064	347304	0.63	cps
Yttrium	89-1	12415212	12357910	12276824	12349982	0.56	cps
Yttrium	89-2	2928491	2818420	2888665	2878526	1.94	cps
Zinc	66-2	94292	94137	94124	94184	0.10	cps
Zirconium	90-1	130483	132383	131640	131502	0.73	cps
Zirconium	91-1	28595	29329	29222	29049	1.37	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-09	Instrumnet Name :	P7
Client Sample ID :	MYD4R6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:43:01	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6519086	6539690	6396211	6484996	1.20	cps
Antimony	121-1	15098	15355	15208	15220	0.85	cps
Arsenic	75-2	40569	40906	40529	40668	0.51	cps
Barium	135-1	691639	699990	704452	698694	0.93	cps
Barium	137-1	1209142	1213781	1219562	1214161	0.43	cps
Beryllium	9-1	1913	1910	1920	1915	0.27	cps
Bismuth	209-1	9155656	9186937	9205543	9182712	0.27	cps
Bismuth	209-2	6917576	6928960	6875827	6907454	0.41	cps
Bromine	81-1	8302	8119	8519	8314	2.41	cps
Bromine	81-2	243	247	220	237	6.14	cps
Cadmium	108-1	320	307	313	313	2.13	cps
Cadmium	106-1	3727	3514	3627	3623	2.95	cps
Cadmium	111-1	4805	4645	4740	4730	1.70	cps
Calcium	43-1	309496	313368	310819	311228	0.63	cps
Calcium	44-1	4652803	4665987	4621370	4646720	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	142727	143155	142162	142681	0.35	cps
Cobalt	59-2	173305	171619	170125	171683	0.93	cps
Copper	63-2	360791	360491	359057	360113	0.26	cps
Dysprosium	156-1	70144	72258	71088	71163	1.49	cps
Dysprosium	156-2	54298	53695	53773	53922	0.61	cps
Erbium	164-1	61377	62579	62198	62051	0.99	cps
Erbium	164-2	40351	40251	40228	40277	0.16	cps
Gadolinium	160-1	67224	67884	67113	67407	0.62	cps
Gadolinium	160-2	45798	45427	45784	45670	0.46	cps
Holmium	165-1	15174339	15029517	14965065	15056307	0.71	cps
Holmium	165-2	9744109	9686273	9650586	9693656	0.49	cps
Indium	115-1	11259574	11149449	11035860	11148294	1.00	cps
Indium	115-2	3477333	3390306	3407542	3425060	1.35	cps
Iron	56-2	258265116	254672476	252586416	255174670	1.13	cps
Iron	57-2	6238377	6289209	6290482	6272690	0.47	cps
Iron	54-2	14023465	13830579	13611421	13821822	1.49	cps
Krypton	83-1	227	220	187	211	10.15	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-09	Instrumnet Name :	P7
Client Sample ID :	MYD4R6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:43:01	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	459553	459005	464759	461106	0.69	cps
Lead	207-1	414704	424947	419257	419636	1.22	cps
Lead	208-1	1846574	1872741	1871105	1863473	0.79	cps
Lithium	6-1	2202188	2197302	2215002	2204830	0.41	cps
Magnesium	24-2	3571977	3575972	3508630	3552193	1.06	cps
Manganese	55-2	3421299	3419070	3339271	3393214	1.38	cps
Molybdenum	94-1	54297	53838	54916	54350	0.99	cps
Molybdenum	95-1	5224	5101	5358	5228	2.46	cps
Molybdenum	96-1	17714	18589	18035	18112	2.44	cps
Molybdenum	97-1	3160	3434	3227	3274	4.35	cps
Molybdenum	98-1	8589	8226	8306	8374	2.28	cps
Neodymium	150-1	114598	115868	115381	115282	0.56	cps
Neodymium	150-2	62913	62059	62196	62389	0.73	cps
Nickel	60-2	42025	41554	41848	41809	0.57	cps
Phosphorus	31-2	19229	19205	19139	19191	0.24	cps
Potassium	39-2	1725210	1694748	1681887	1700615	1.31	cps
Rhodium	103-1	9866624	9911662	9763091	9847125	0.77	cps
Rhodium	103-2	5370893	5310608	5287905	5323135	0.81	cps
Scandium	45-1	6060032	5977938	5892677	5976882	1.40	cps
Scandium	45-2	485343	480609	477677	481210	0.80	cps
Selenium	82-1	484	539	524	516	5.49	cps
Selenium	77-2	120	127	170	139	19.55	cps
Selenium	78-2	357	243	297	299	18.97	cps
Silicon	28-1	15865013	16082951	16065406	16004457	0.76	cps
Silver	107-1	3610	3777	3804	3731	2.81	cps
Silver	109-1	3337	3570	3617	3508	4.28	cps
Sodium	23-2	104914	105887	105384	105395	0.46	cps
Strontium	86-1	199661	200106	203786	201184	1.13	cps
Strontium	88-1	1758596	1745767	1765161	1756508	0.56	cps
Sulfur	34-1	121373	118535	118297	119402	1.43	cps
Terbium	159-1	15428366	15557289	15405984	15463879	0.53	cps
Terbium	159-2	9544687	9505443	9532745	9527625	0.21	cps
Thallium	203-1	2000	2144	2094	2079	3.50	cps
Thallium	205-1	4914	5171	5044	5043	2.55	cps
Tin	118-1	11691	11465	11194	11450	2.17	cps
Titanium	47-1	1685247	1707505	1678124	1690292	0.91	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-09	Instrumnet Name :	P7
Client Sample ID :	MYD4R6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:43:01	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26219	26797	26710	26575	1.17	cps
Vanadium	51-2	571472	569483	564883	568613	0.59	cps
Yttrium	89-1	12569526	12475464	12423412	12489468	0.59	cps
Yttrium	89-2	2876129	2861376	2819757	2852421	1.02	cps
Zinc	66-2	154233	155671	153944	154616	0.60	cps
Zirconium	90-1	137173	137624	137883	137560	0.26	cps
Zirconium	91-1	30826	31470	31637	31311	1.37	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:46:11	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5390399	5358302	5319844	5356182	0.66	cps
Antimony	121-1	19654	20168	20124	19982	1.43	cps
Arsenic	75-2	73765	71923	72526	72738	1.29	cps
Barium	135-1	553201	558214	553595	555003	0.50	cps
Barium	137-1	950312	966056	968058	961475	1.01	cps
Beryllium	9-1	1633	1743	1560	1646	5.61	cps
Bismuth	209-1	9128372	9175844	9259862	9188026	0.72	cps
Bismuth	209-2	7026672	6779551	6855223	6887149	1.84	cps
Bromine	81-1	8249	8232	8269	8250	0.22	cps
Bromine	81-2	250	260	317	276	13.05	cps
Cadmium	108-1	360	387	370	372	3.62	cps
Cadmium	106-1	3697	3647	3524	3623	2.46	cps
Cadmium	111-1	5957	6276	5828	6020	3.83	cps
Calcium	43-1	267670	270267	271535	269824	0.73	cps
Calcium	44-1	3985252	4021372	4093343	4033322	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104472	103203	102807	103494	0.84	cps
Cobalt	59-2	125409	123980	124498	124629	0.58	cps
Copper	63-2	425216	424198	429292	426235	0.63	cps
Dysprosium	156-1	58062	58494	59308	58621	1.08	cps
Dysprosium	156-2	43918	44891	43557	44122	1.56	cps
Erbium	164-1	51856	51494	52050	51800	0.54	cps
Erbium	164-2	32698	33156	33697	33184	1.51	cps
Gadolinium	160-1	55750	56651	56169	56190	0.80	cps
Gadolinium	160-2	37410	38062	37697	37723	0.87	cps
Holmium	165-1	15001952	14911994	14961157	14958367	0.30	cps
Holmium	165-2	9784828	9651178	9612403	9682803	0.93	cps
Indium	115-1	11189778	11085068	11084590	11119812	0.54	cps
Indium	115-2	3464144	3408825	3413182	3428717	0.90	cps
Iron	56-2	215160277	212408604	215947290	214505390	0.87	cps
Iron	57-2	5307005	5243706	5253781	5268164	0.65	cps
Iron	54-2	11693441	11529674	11564634	11595916	0.74	cps
Krypton	83-1	180	140	217	179	21.44	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:46:11	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	940992	952270	953113	948792	0.71	cps
Lead	207-1	878338	884907	894627	885957	0.93	cps
Lead	208-1	4072697	4107724	4112388	4097603	0.53	cps
Lithium	6-1	2227548	2248097	2203334	2226326	1.01	cps
Magnesium	24-2	3238871	3219807	3202421	3220366	0.57	cps
Manganese	55-2	2803473	2769516	2772209	2781733	0.68	cps
Molybdenum	94-1	42796	43046	43628	43157	0.99	cps
Molybdenum	95-1	4771	4898	4794	4821	1.40	cps
Molybdenum	96-1	15181	15095	14968	15081	0.71	cps
Molybdenum	97-1	2850	2900	3030	2927	3.18	cps
Molybdenum	98-1	7749	7595	7639	7661	1.03	cps
Neodymium	150-1	94645	95970	95890	95501	0.78	cps
Neodymium	150-2	52327	51500	50249	51359	2.04	cps
Nickel	60-2	33895	33354	33718	33656	0.82	cps
Phosphorus	31-2	19349	18932	19022	19101	1.15	cps
Potassium	39-2	1806654	1779485	1779161	1788433	0.88	cps
Rhodium	103-1	9910592	9763705	9804760	9826352	0.77	cps
Rhodium	103-2	5354664	5295625	5278869	5309719	0.75	cps
Scandium	45-1	5912352	5902865	5833650	5882956	0.73	cps
Scandium	45-2	476983	476278	472059	475107	0.56	cps
Selenium	82-1	589	593	520	568	7.22	cps
Selenium	77-2	163	150	137	150	8.89	cps
Selenium	78-2	213	290	300	268	17.71	cps
Silicon	28-1	16626150	16708516	16762404	16699023	0.41	cps
Silver	107-1	8046	7929	7862	7946	1.17	cps
Silver	109-1	7158	7355	7632	7382	3.22	cps
Sodium	23-2	99686	99861	101471	100339	0.98	cps
Strontium	86-1	160214	161076	161804	161031	0.49	cps
Strontium	88-1	1409526	1419073	1419356	1415985	0.40	cps
Sulfur	34-1	125248	124404	125473	125042	0.45	cps
Terbium	159-1	15429342	15445078	15414471	15429630	0.10	cps
Terbium	159-2	9587592	9515714	9451778	9518362	0.71	cps
Thallium	203-1	2120	2037	2180	2112	3.41	cps
Thallium	205-1	5164	5078	5211	5151	1.31	cps
Tin	118-1	12519	12372	12476	12455	0.61	cps
Titanium	47-1	1314386	1341513	1326063	1327321	1.03	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:46:11	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21521	21988	21651	21720	1.11	cps
Vanadium	51-2	405671	405334	404240	405082	0.18	cps
Yttrium	89-1	12365637	12364822	12279498	12336652	0.40	cps
Yttrium	89-2	2859974	2831967	2808362	2833434	0.91	cps
Zinc	66-2	261236	259297	259259	259931	0.44	cps
Zirconium	90-1	108262	107946	108812	108340	0.40	cps
Zirconium	91-1	23990	24247	24233	24157	0.60	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-11	Instrumnet Name :	P7
Client Sample ID :	MYD4R7D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:49:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5328219	5253334	5193251	5258268	1.29	cps
Antimony	121-1	20551	20431	20792	20592	0.89	cps
Arsenic	75-2	71946	71632	71461	71680	0.34	cps
Barium	135-1	549734	559619	559764	556372	1.03	cps
Barium	137-1	958136	965077	959800	961004	0.38	cps
Beryllium	9-1	1667	1827	1573	1689	7.59	cps
Bismuth	209-1	9143919	9167374	9241839	9184377	0.56	cps
Bismuth	209-2	6940011	6886712	6818989	6881904	0.88	cps
Bromine	81-1	7976	8279	8162	8139	1.88	cps
Bromine	81-2	220	287	287	264	14.56	cps
Cadmium	108-1	340	380	380	367	6.30	cps
Cadmium	106-1	3987	3784	3717	3829	3.67	cps
Cadmium	111-1	6147	6167	6090	6134	0.65	cps
Calcium	43-1	264822	265134	265269	265075	0.09	cps
Calcium	44-1	3958371	3999124	3951563	3969686	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103965	104079	102344	103463	0.94	cps
Cobalt	59-2	124693	125560	125694	125315	0.43	cps
Copper	63-2	425292	423446	428314	425684	0.58	cps
Dysprosium	156-1	56982	57882	57878	57581	0.90	cps
Dysprosium	156-2	44005	44142	44219	44122	0.25	cps
Erbium	164-1	51197	51474	51996	51556	0.79	cps
Erbium	164-2	33447	33290	33313	33350	0.25	cps
Gadolinium	160-1	55824	55161	55847	55611	0.70	cps
Gadolinium	160-2	37884	38082	37453	37807	0.85	cps
Holmium	165-1	14932848	15079309	14819176	14943778	0.87	cps
Holmium	165-2	9708995	9661223	9583885	9651368	0.65	cps
Indium	115-1	11064383	11044364	10995479	11034742	0.32	cps
Indium	115-2	3407554	3439269	3435911	3427578	0.51	cps
Iron	56-2	210632764	210667730	211002584	210767692	0.10	cps
Iron	57-2	5168217	5215707	5132136	5172020	0.81	cps
Iron	54-2	11450521	11407772	11301266	11386520	0.68	cps
Krypton	83-1	183	143	157	161	12.64	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-11	Instrumnet Name :	P7
Client Sample ID :	MYD4R7D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:49:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	936812	951177	949417	945802	0.83	cps
Lead	207-1	880221	885446	886684	884117	0.39	cps
Lead	208-1	4051902	4098156	4102748	4084269	0.69	cps
Lithium	6-1	2164153	2199906	2165267	2176442	0.93	cps
Magnesium	24-2	3178035	3206533	3135925	3173498	1.12	cps
Manganese	55-2	2765229	2772751	2770491	2769490	0.14	cps
Molybdenum	94-1	42351	41482	42709	42181	1.50	cps
Molybdenum	95-1	4741	4834	4754	4776	1.06	cps
Molybdenum	96-1	14494	14801	14544	14613	1.13	cps
Molybdenum	97-1	2967	2950	2857	2925	2.03	cps
Molybdenum	98-1	7512	7742	7805	7687	2.01	cps
Neodymium	150-1	94329	96446	95319	95365	1.11	cps
Neodymium	150-2	51483	52169	50717	51457	1.41	cps
Nickel	60-2	33424	33598	33187	33403	0.62	cps
Phosphorus	31-2	18611	18431	18308	18450	0.83	cps
Potassium	39-2	1814517	1764989	1738603	1772703	2.17	cps
Rhodium	103-1	9787829	9829130	9623906	9746955	1.11	cps
Rhodium	103-2	5294713	5305731	5336698	5312380	0.41	cps
Scandium	45-1	5858665	5824036	5785343	5822681	0.63	cps
Scandium	45-2	469751	469284	466658	468564	0.36	cps
Selenium	82-1	585	491	569	548	9.13	cps
Selenium	77-2	120	93	100	104	13.29	cps
Selenium	78-2	297	270	253	273	8.00	cps
Silicon	28-1	16608299	16521321	16605139	16578253	0.30	cps
Silver	107-1	7765	7612	7739	7705	1.06	cps
Silver	109-1	7359	7132	7302	7264	1.62	cps
Sodium	23-2	100455	100958	101045	100819	0.32	cps
Strontium	86-1	159833	159560	161080	160158	0.51	cps
Strontium	88-1	1388271	1402770	1413395	1401479	0.90	cps
Sulfur	34-1	125164	122738	123181	123694	1.04	cps
Terbium	159-1	15415654	15337842	15155931	15303142	0.87	cps
Terbium	159-2	9474743	9389082	9388894	9417573	0.53	cps
Thallium	203-1	2094	2077	2064	2078	0.72	cps
Thallium	205-1	4974	4961	5054	4997	1.01	cps
Tin	118-1	12395	12135	12195	12242	1.11	cps
Titanium	47-1	1273647	1278423	1280658	1277576	0.28	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-11	Instrumnet Name :	P7
Client Sample ID :	MYD4R7D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:49:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20806	21467	21618	21297	2.03	cps
Vanadium	51-2	399575	399607	398254	399145	0.19	cps
Yttrium	89-1	12296696	12332430	12215431	12281519	0.49	cps
Yttrium	89-2	2815290	2827696	2774584	2805857	0.99	cps
Zinc	66-2	260179	259572	256788	258846	0.70	cps
Zirconium	90-1	106012	107268	108363	107214	1.10	cps
Zirconium	91-1	23970	24066	24210	24082	0.50	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4R7L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 17:52:29	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1043988	1033178	1027356	1034841	0.82	cps
Antimony	121-1	3901	3911	3841	3884	0.97	cps
Arsenic	75-2	13646	13863	13333	13614	1.96	cps
Barium	135-1	104536	102448	103563	103516	1.01	cps
Barium	137-1	179800	183559	179983	181114	1.17	cps
Beryllium	9-1	363	317	327	336	7.32	cps
Bismuth	209-1	9143627	9013989	9031513	9063043	0.78	cps
Bismuth	209-2	6967420	6938034	6818219	6907891	1.14	cps
Bromine	81-1	7795	7515	7809	7707	2.15	cps
Bromine	81-2	87	87	90	88	2.19	cps
Cadmium	108-1	107	67	77	83	24.98	cps
Cadmium	106-1	3297	2927	3000	3075	6.37	cps
Cadmium	111-1	2973	2629	2767	2790	6.21	cps
Calcium	43-1	50209	50544	50955	50569	0.74	cps
Calcium	44-1	817070	808924	823689	816561	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19716	20204	19800	19907	1.31	cps
Cobalt	59-2	24340	23989	23963	24097	0.87	cps
Copper	63-2	81189	82904	80880	81658	1.34	cps
Dysprosium	156-1	10758	10898	10671	10775	1.06	cps
Dysprosium	156-2	8416	8359	8556	8444	1.20	cps
Erbium	164-1	10167	9627	10154	9983	3.09	cps
Erbium	164-2	6505	6405	6338	6416	1.31	cps
Gadolinium	160-1	11074	10654	10844	10858	1.94	cps
Gadolinium	160-2	7389	7299	7729	7472	3.04	cps
Holmium	165-1	14621225	14602887	14536109	14586740	0.31	cps
Holmium	165-2	9575936	9540517	9448957	9521803	0.69	cps
Indium	115-1	11103498	10818791	10957095	10959795	1.30	cps
Indium	115-2	3426288	3447977	3381817	3418694	0.99	cps
Iron	56-2	40452258	40389495	40136543	40326099	0.41	cps
Iron	57-2	1055281	1059373	1051510	1055388	0.37	cps
Iron	54-2	2205140	2196788	2219059	2206996	0.51	cps
Krypton	83-1	137	133	147	139	4.99	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4R7L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 17:52:29	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	177320	177048	178674	177681	0.49	cps
Lead	207-1	165770	170549	166651	167657	1.52	cps
Lead	208-1	744553	735691	747338	742527	0.82	cps
Lithium	6-1	2219737	2139029	2171749	2176838	1.86	cps
Magnesium	24-2	625302	620552	616892	620916	0.68	cps
Manganese	55-2	541717	540215	533893	538608	0.77	cps
Molybdenum	94-1	8092	7962	8202	8086	1.49	cps
Molybdenum	95-1	850	863	813	842	3.07	cps
Molybdenum	96-1	2820	2860	2964	2881	2.57	cps
Molybdenum	97-1	547	543	620	570	7.60	cps
Molybdenum	98-1	1553	1487	1297	1446	9.21	cps
Neodymium	150-1	18552	18212	18556	18440	1.07	cps
Neodymium	150-2	9697	9520	9600	9606	0.92	cps
Nickel	60-2	6368	6421	6528	6439	1.27	cps
Phosphorus	31-2	3687	3450	3740	3626	4.26	cps
Potassium	39-2	380801	384402	380003	381735	0.61	cps
Rhodium	103-1	9701595	9966999	9566516	9745037	2.09	cps
Rhodium	103-2	5267518	5325785	5313959	5302421	0.58	cps
Scandium	45-1	5569892	5512085	5558751	5546909	0.55	cps
Scandium	45-2	450124	450451	448682	449752	0.21	cps
Selenium	82-1	363	335	410	369	10.33	cps
Selenium	77-2	13	23	13	17	34.65	cps
Selenium	78-2	183	153	153	163	10.60	cps
Silicon	28-1	3222224	3258074	3258207	3246169	0.64	cps
Silver	107-1	1490	1520	1403	1471	4.12	cps
Silver	109-1	1327	1507	1440	1425	6.39	cps
Sodium	23-2	29629	29398	29472	29499	0.40	cps
Strontium	86-1	30371	30649	30154	30391	0.82	cps
Strontium	88-1	271660	262469	272067	268732	2.02	cps
Sulfur	34-1	110767	110664	110556	110663	0.10	cps
Terbium	159-1	14852719	15563842	14697903	15038155	3.07	cps
Terbium	159-2	9299065	9303102	9196693	9266287	0.65	cps
Thallium	203-1	403	433	477	438	8.42	cps
Thallium	205-1	1003	1160	1077	1080	7.26	cps
Tin	118-1	3545	3040	2784	3123	12.40	cps
Titanium	47-1	249155	252651	252712	251506	0.81	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4R7L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 17:52:29	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4017	3824	4131	3991	3.89	cps
Vanadium	51-2	75598	76613	76218	76143	0.67	cps
Yttrium	89-1	11733331	11457942	11554662	11581978	1.21	cps
Yttrium	89-2	2656362	2646662	2662426	2655150	0.30	cps
Zinc	66-2	50398	49997	49749	50048	0.65	cps
Zirconium	90-1	20371	20247	21025	20548	2.03	cps
Zirconium	91-1	4591	4534	4574	4566	0.64	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:55:43	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5376032	5401021	5285227	5354094	1.14	cps
Antimony	121-1	420228	424634	426749	423871	0.78	cps
Arsenic	75-2	78683	78754	78027	78488	0.51	cps
Barium	135-1	2787094	2824700	2767914	2793236	1.03	cps
Barium	137-1	4761978	4854121	4688886	4768329	1.74	cps
Beryllium	9-1	34562	34669	34846	34692	0.41	cps
Bismuth	209-1	8995716	9122878	9344255	9154283	1.93	cps
Bismuth	209-2	6824463	5884135	5731958	6146852	9.63	cps
Bromine	81-1	8106	7942	8259	8102	1.96	cps
Bromine	81-2	277	233	183	231	20.21	cps
Cadmium	108-1	3644	3811	3714	3723	2.25	cps
Cadmium	106-1	8139	8162	8176	8159	0.23	cps
Cadmium	111-1	55497	54989	55250	55245	0.46	cps
Calcium	43-1	263862	264590	263760	264071	0.17	cps
Calcium	44-1	3911674	3979105	3898963	3929914	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	378702	379934	376675	378437	0.43	cps
Cobalt	59-2	1162857	1160227	1167655	1163580	0.32	cps
Copper	63-2	771685	777948	774808	774814	0.40	cps
Dysprosium	156-1	58658	57778	58775	58404	0.93	cps
Dysprosium	156-2	44306	44059	44059	44141	0.32	cps
Erbium	164-1	51176	51869	51494	51513	0.67	cps
Erbium	164-2	32498	33213	33560	33090	1.64	cps
Gadolinium	160-1	55620	56018	55232	55623	0.71	cps
Gadolinium	160-2	37881	38125	37814	37940	0.43	cps
Holmium	165-1	14620234	14900041	15055938	14858738	1.49	cps
Holmium	165-2	9631676	8246425	8211787	8696629	9.31	cps
Indium	115-1	10812696	11130381	10991400	10978159	1.45	cps
Indium	115-2	3488717	2959440	2839319	3095825	11.16	cps
Iron	56-2	213907290	212032417	211643430	212527712	0.57	cps
Iron	57-2	5169613	5238938	5200342	5202964	0.67	cps
Iron	54-2	11507189	11505424	11502504	11505039	0.02	cps
Krypton	83-1	267	167	170	201	28.24	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:55:43	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	996097	1013637	1016665	1008800	1.10	cps
Lead	207-1	931592	942934	938659	937728	0.61	cps
Lead	208-1	4303765	4377063	4330867	4337232	0.85	cps
Lithium	6-1	2136243	2176667	2156225	2156378	0.94	cps
Magnesium	24-2	3172400	3150031	3162419	3161617	0.35	cps
Manganese	55-2	3310747	3299882	3311026	3307218	0.19	cps
Molybdenum	94-1	40696	41485	41987	41389	1.57	cps
Molybdenum	95-1	4757	4844	5018	4873	2.72	cps
Molybdenum	96-1	14734	15205	15121	15020	1.67	cps
Molybdenum	97-1	3100	3094	3117	3104	0.39	cps
Molybdenum	98-1	7856	7705	8149	7903	2.85	cps
Neodymium	150-1	93514	95625	95312	94817	1.20	cps
Neodymium	150-2	50905	50925	51233	51021	0.36	cps
Nickel	60-2	292461	293024	292340	292608	0.12	cps
Phosphorus	31-2	18862	18885	18668	18805	0.63	cps
Potassium	39-2	1755919	1762762	1765435	1761372	0.28	cps
Rhodium	103-1	9470229	9797707	9880958	9716298	2.23	cps
Rhodium	103-2	5347295	4594035	4324675	4755335	11.15	cps
Scandium	45-1	5703292	5766635	5890687	5786871	1.65	cps
Scandium	45-2	468026	411490	384692	421403	10.10	cps
Selenium	82-1	6704	6855	6981	6847	2.03	cps
Selenium	77-2	730	687	683	700	3.72	cps
Selenium	78-2	2184	2077	2164	2141	2.65	cps
Silicon	28-1	13674512	13787354	13836776	13766214	0.60	cps
Silver	107-1	247766	248654	249618	248679	0.37	cps
Silver	109-1	238094	243136	241114	240781	1.05	cps
Sodium	23-2	91975	92897	93223	92699	0.70	cps
Strontium	86-1	156612	160075	160264	158984	1.29	cps
Strontium	88-1	1386052	1394240	1395153	1391815	0.36	cps
Sulfur	34-1	122476	120645	121317	121479	0.76	cps
Terbium	159-1	14917313	15313131	15509220	15246555	1.98	cps
Terbium	159-2	9510832	8213792	7933733	8552786	9.84	cps
Thallium	203-1	187171	190192	189279	188881	0.82	cps
Thallium	205-1	447868	453560	451650	451026	0.64	cps
Tin	118-1	12779	13831	13076	13229	4.10	cps
Titanium	47-1	1271011	1240438	1236120	1249190	1.52	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:55:43	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21050	21424	21638	21371	1.39	cps
Vanadium	51-2	996950	999937	1004645	1000511	0.39	cps
Yttrium	89-1	11995028	12239705	12247236	12160656	1.18	cps
Yttrium	89-2	2816562	2452163	2352815	2540513	9.61	cps
Zinc	66-2	378400	381223	377979	379200	0.47	cps
Zirconium	90-1	104370	105532	103760	104554	0.86	cps
Zirconium	91-1	23195	22995	24137	23442	2.60	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10MS	Instrumnet Name :	P7
Client Sample ID :	MYD4R7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:58:51	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5697390	5669187	5534260	5633612	1.55	cps
Antimony	121-1	2002324	2001604	2008690	2004206	0.19	cps
Arsenic	75-2	100802	100920	98219	99980	1.53	cps
Barium	135-1	10909756	11017966	11032706	10986809	0.61	cps
Barium	137-1	18888868	18780768	19016166	18895267	0.62	cps
Beryllium	9-1	155128	158074	157407	156869	0.98	cps
Bismuth	209-1	9063917	9088517	9161858	9104764	0.56	cps
Bismuth	209-2	6845691	6758031	7892514	7165412	8.81	cps
Bromine	81-1	7685	7782	7702	7723	0.67	cps
Bromine	81-2	250	287	217	251	13.94	cps
Cadmium	108-1	16106	16379	16279	16255	0.85	cps
Cadmium	106-1	25222	25085	24781	25029	0.90	cps
Cadmium	111-1	245125	244644	246640	245470	0.42	cps
Calcium	43-1	251849	253642	253513	253001	0.40	cps
Calcium	44-1	3754616	3782969	3765558	3767714	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1371738	1356433	1330471	1352881	1.54	cps
Cobalt	59-2	4921150	4882808	4798372	4867443	1.29	cps
Copper	63-2	2025695	2008734	2005019	2013149	0.55	cps
Dysprosium	156-1	55861	56470	57808	56713	1.76	cps
Dysprosium	156-2	42501	43109	42066	42559	1.23	cps
Erbium	164-1	49524	49651	50384	49853	0.93	cps
Erbium	164-2	32812	32421	31566	32266	1.98	cps
Gadolinium	160-1	53739	54174	54174	54029	0.46	cps
Gadolinium	160-2	35916	35989	36237	36047	0.47	cps
Holmium	165-1	14617394	14761606	14786521	14721840	0.62	cps
Holmium	165-2	9548085	9347427	11004918	9966810	9.08	cps
Indium	115-1	10768891	10781643	10886221	10812252	0.60	cps
Indium	115-2	3346598	3347896	3845002	3513165	8.18	cps
Iron	56-2	206324770	207119717	202781330	205408606	1.12	cps
Iron	57-2	5085168	5071398	4963708	5040091	1.32	cps
Iron	54-2	11328832	11254136	10985459	11189476	1.61	cps
Krypton	83-1	193	153	240	196	22.18	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10MS	Instrumnet Name :	P7
Client Sample ID :	MYD4R7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:58:51	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1206567	1223661	1225277	1218502	0.85	cps
Lead	207-1	1108966	1115687	1134718	1119790	1.19	cps
Lead	208-1	5199845	5246554	5262918	5236439	0.63	cps
Lithium	6-1	2169885	2122197	2152014	2148032	1.12	cps
Magnesium	24-2	3028568	3004454	2959390	2997471	1.17	cps
Manganese	55-2	4987602	4949127	4878691	4938473	1.12	cps
Molybdenum	94-1	39132	40048	40372	39851	1.61	cps
Molybdenum	95-1	4694	4691	4797	4727	1.28	cps
Molybdenum	96-1	14330	14801	14477	14536	1.66	cps
Molybdenum	97-1	3160	2957	2937	3018	4.10	cps
Molybdenum	98-1	7969	7625	7749	7781	2.24	cps
Neodymium	150-1	92913	93514	93900	93442	0.53	cps
Neodymium	150-2	49383	49854	48473	49237	1.43	cps
Nickel	60-2	1239137	1227419	1207219	1224592	1.32	cps
Phosphorus	31-2	17794	17503	17764	17687	0.90	cps
Potassium	39-2	1687170	1687844	1683334	1686116	0.14	cps
Rhodium	103-1	9439683	9547077	9523549	9503436	0.59	cps
Rhodium	103-2	5163599	5186144	5922016	5423920	7.96	cps
Scandium	45-1	5633796	5664403	5582715	5626971	0.73	cps
Scandium	45-2	456493	451121	515648	474420	7.55	cps
Selenium	82-1	30819	31430	31233	31161	1.00	cps
Selenium	77-2	2730	2760	2707	2733	0.98	cps
Selenium	78-2	9103	8976	8976	9018	0.81	cps
Silicon	28-1	13276352	13433976	13420084	13376804	0.65	cps
Silver	107-1	817518	868314	865335	850389	3.35	cps
Silver	109-1	897300	917641	956682	923874	3.27	cps
Sodium	23-2	91734	91285	90316	91112	0.80	cps
Strontium	86-1	152668	153052	153423	153048	0.25	cps
Strontium	88-1	1339221	1341430	1350206	1343619	0.43	cps
Sulfur	34-1	119744	117077	117984	118269	1.15	cps
Terbium	159-1	15083846	15202573	15224785	15170401	0.50	cps
Terbium	159-2	9315270	9209705	10756911	9760629	8.86	cps
Thallium	203-1	923782	923386	927309	924826	0.23	cps
Thallium	205-1	2410704	2447699	2468867	2442423	1.21	cps
Tin	118-1	11495	11945	11698	11713	1.93	cps
Titanium	47-1	1227195	1231965	1224305	1227822	0.32	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10MS	Instrumnet Name :	P7
Client Sample ID :	MYD4R7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 17:58:51	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20265	20446	21387	20700	2.91	cps
Vanadium	51-2	3094121	3051792	2998605	3048173	1.57	cps
Yttrium	89-1	11871866	11959000	11924229	11918365	0.37	cps
Yttrium	89-2	2719809	2705627	3102776	2842737	7.93	cps
Zinc	66-2	805094	808271	791469	801611	1.11	cps
Zirconium	90-1	98645	100753	101397	100265	1.44	cps
Zirconium	91-1	22514	23178	22648	22780	1.54	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-13	Instrumnet Name :	P7
Client Sample ID :	MYD4R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:01:51	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5585450	5639813	5633603	5619622	0.53	cps
Antimony	121-1	18265	18358	18439	18354	0.47	cps
Arsenic	75-2	50870	51455	51027	51118	0.59	cps
Barium	135-1	589450	597354	601465	596090	1.02	cps
Barium	137-1	1023356	1032305	1040746	1032136	0.84	cps
Beryllium	9-1	1870	1660	1833	1788	6.27	cps
Bismuth	209-1	9030368	9015321	9014093	9019928	0.10	cps
Bismuth	209-2	6798593	6837658	6801362	6812538	0.32	cps
Bromine	81-1	7825	7932	7692	7817	1.54	cps
Bromine	81-2	217	273	263	251	12.05	cps
Cadmium	108-1	347	400	347	364	8.45	cps
Cadmium	106-1	3681	3484	3701	3622	3.31	cps
Cadmium	111-1	5627	5372	5685	5562	2.99	cps
Calcium	43-1	294385	297321	299294	297000	0.83	cps
Calcium	44-1	4432042	4402271	4463448	4432587	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132139	132109	131692	131980	0.19	cps
Cobalt	59-2	147887	146742	146412	147014	0.53	cps
Copper	63-2	422065	418246	420003	420105	0.46	cps
Dysprosium	156-1	63569	63864	64353	63929	0.62	cps
Dysprosium	156-2	47841	48684	48105	48210	0.89	cps
Erbium	164-1	56859	58833	58107	57933	1.72	cps
Erbium	164-2	37841	37427	37417	37561	0.64	cps
Gadolinium	160-1	61782	61153	62261	61732	0.90	cps
Gadolinium	160-2	40996	41638	41608	41414	0.87	cps
Holmium	165-1	14752703	14733144	14852421	14779423	0.43	cps
Holmium	165-2	9541965	9689971	9689379	9640439	0.88	cps
Indium	115-1	10726222	10859293	10822258	10802591	0.64	cps
Indium	115-2	3345719	3335878	3434700	3372099	1.61	cps
Iron	56-2	246400243	243942463	242987430	244443379	0.72	cps
Iron	57-2	6038544	6080560	6047223	6055443	0.37	cps
Iron	54-2	13149752	13179417	13164311	13164493	0.11	cps
Krypton	83-1	170	157	150	159	6.41	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-13	Instrumnet Name :	P7
Client Sample ID :	MYD4R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:01:51	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	617822	626299	631386	625169	1.10	cps
Lead	207-1	565395	573532	574700	571209	0.89	cps
Lead	208-1	2515419	2539863	2557737	2537673	0.84	cps
Lithium	6-1	2121683	2120236	2128218	2123379	0.20	cps
Magnesium	24-2	3362143	3326266	3330040	3339483	0.59	cps
Manganese	55-2	2918420	2894895	2935058	2916125	0.69	cps
Molybdenum	94-1	52771	52764	54374	53303	1.74	cps
Molybdenum	95-1	5641	5544	5574	5587	0.89	cps
Molybdenum	96-1	17938	18038	18011	17996	0.29	cps
Molybdenum	97-1	3517	3377	3674	3523	4.21	cps
Molybdenum	98-1	9026	8976	9050	9017	0.42	cps
Neodymium	150-1	102247	103352	103560	103053	0.68	cps
Neodymium	150-2	55556	56111	55927	55864	0.51	cps
Nickel	60-2	39261	38379	38727	38789	1.15	cps
Phosphorus	31-2	19806	19553	19369	19576	1.12	cps
Potassium	39-2	1770830	1752664	1744339	1755944	0.77	cps
Rhodium	103-1	9466071	9497302	9487318	9483564	0.17	cps
Rhodium	103-2	5212549	5209689	5299467	5240569	0.97	cps
Scandium	45-1	5581286	5602321	5638799	5607469	0.52	cps
Scandium	45-2	461353	461097	467738	463396	0.81	cps
Selenium	82-1	489	493	586	523	10.48	cps
Selenium	77-2	103	110	123	112	9.08	cps
Selenium	78-2	260	223	263	249	8.92	cps
Silicon	28-1	16340139	16545385	16543839	16476454	0.72	cps
Silver	107-1	6005	5408	5521	5644	5.62	cps
Silver	109-1	5531	4994	5264	5263	5.10	cps
Sodium	23-2	95654	95074	95789	95506	0.40	cps
Strontium	86-1	182434	183237	184317	183330	0.52	cps
Strontium	88-1	1585396	1585453	1623223	1598024	1.37	cps
Sulfur	34-1	120598	120034	121666	120766	0.69	cps
Terbium	159-1	15089667	15065144	15127276	15094029	0.21	cps
Terbium	159-2	9478273	9388932	9505180	9457461	0.64	cps
Thallium	203-1	2314	2130	2157	2200	4.50	cps
Thallium	205-1	5324	5041	5251	5205	2.83	cps
Tin	118-1	12722	11858	12102	12227	3.64	cps
Titanium	47-1	1566948	1552921	1578083	1565984	0.81	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-13	Instrumnet Name :	P7
Client Sample ID :	MYD4R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:01:51	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23835	24416	24399	24216	1.37	cps
Vanadium	51-2	505942	505104	505316	505454	0.09	cps
Yttrium	89-1	12005608	12033647	12014460	12017905	0.12	cps
Yttrium	89-2	2789419	2805672	2813709	2802933	0.44	cps
Zinc	66-2	192149	189242	190316	190569	0.77	cps
Zirconium	90-1	132538	133910	136346	134265	1.44	cps
Zirconium	91-1	29764	30051	31206	30340	2.52	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:05:01	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5700781	5655515	5681470	5679255	0.40	cps
Antimony	121-1	3140894	3128434	3159292	3142873	0.49	cps
Arsenic	75-2	129277	128450	128046	128591	0.49	cps
Barium	135-1	4433055	4407684	4400793	4413844	0.38	cps
Barium	137-1	7614905	7539952	7610722	7588526	0.56	cps
Beryllium	9-1	491085	493972	498006	494354	0.70	cps
Bismuth	209-1	8260137	8382720	8282323	8308393	0.79	cps
Bismuth	209-2	6248449	6125721	6257211	6210460	1.18	cps
Bromine	81-1	7092	6698	6552	6781	4.12	cps
Bromine	81-2	40	47	43	43	7.70	cps
Cadmium	108-1	54843	56513	55991	55782	1.53	cps
Cadmium	106-1	81275	81313	82234	81607	0.67	cps
Cadmium	111-1	740285	744314	746936	743845	0.45	cps
Calcium	43-1	3757358	3806203	3808594	3790718	0.76	cps
Calcium	44-1	60188946	61170397	60655674	60671672	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1017602	1015446	1018299	1017116	0.15	cps
Cobalt	59-2	1526492	1531521	1539158	1532390	0.42	cps
Copper	63-2	10774269	10601232	10683944	10686482	0.81	cps
Dysprosium	156-1	250	273	213	246	12.32	cps
Dysprosium	156-2	293	277	240	270	10.11	cps
Erbium	164-1	220	210	163	198	15.29	cps
Erbium	164-2	117	150	167	144	17.62	cps
Gadolinium	160-1	167	190	140	166	15.11	cps
Gadolinium	160-2	453	450	467	457	1.93	cps
Holmium	165-1	13990621	14124101	14109441	14074721	0.52	cps
Holmium	165-2	9142081	9066992	9213167	9140746	0.80	cps
Indium	115-1	9812006	9874306	9819337	9835216	0.35	cps
Indium	115-2	3102471	3039690	3028367	3056843	1.31	cps
Iron	56-2	224049443	222175037	223465850	223230110	0.43	cps
Iron	57-2	5581407	5557210	5494065	5544227	0.81	cps
Iron	54-2	12093817	12012367	12162306	12089497	0.62	cps
Krypton	83-1	143	150	107	133	17.50	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:05:01	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13095711	13254906	13281957	13210858	0.76	cps
Lead	207-1	11626009	11751034	11729962	11702335	0.57	cps
Lead	208-1	52451782	53199237	52953192	52868070	0.72	cps
Lithium	6-1	1914817	1958284	1917067	1930056	1.27	cps
Magnesium	24-2	46259383	46126203	46283829	46223138	0.18	cps
Manganese	55-2	7852442	7826162	7940614	7873072	0.76	cps
Molybdenum	94-1	10794784	10859051	10879293	10844376	0.41	cps
Molybdenum	95-1	15696260	15819579	15814383	15776741	0.44	cps
Molybdenum	96-1	17130780	17081724	17165753	17126086	0.25	cps
Molybdenum	97-1	9860658	9871309	9907399	9879789	0.25	cps
Molybdenum	98-1	25621558	25626720	25931340	25726540	0.69	cps
Neodymium	150-1	327	343	370	347	6.31	cps
Neodymium	150-2	77	110	83	90	19.60	cps
Nickel	60-2	378156	376910	377198	377421	0.17	cps
Phosphorus	31-2	55828	58404	56156	56796	2.47	cps
Potassium	39-2	28678535	28701357	28804689	28728193	0.23	cps
Rhodium	103-1	8316453	8282328	8248887	8282556	0.41	cps
Rhodium	103-2	4551962	4504977	4551348	4536096	0.59	cps
Scandium	45-1	5009795	4941953	4952814	4968187	0.73	cps
Scandium	45-2	408411	406548	410950	408636	0.54	cps
Selenium	82-1	41739	42308	42307	42118	0.78	cps
Selenium	77-2	3584	3777	3807	3723	3.26	cps
Selenium	78-2	12909	12309	12569	12595	2.39	cps
Silicon	28-1	4912909	4887951	4958344	4919735	0.73	cps
Silver	107-1	3589485	3612258	3597923	3599889	0.32	cps
Silver	109-1	3473538	3471098	3471708	3472115	0.04	cps
Sodium	23-2	78731082	78678125	78833374	78747527	0.10	cps
Strontium	86-1	24268040	24399405	24506312	24391252	0.49	cps
Strontium	88-1	212231097	214098337	215718977	214016137	0.82	cps
Sulfur	34-1	329019	327376	330180	328858	0.43	cps
Terbium	159-1	14182287	14533210	14310102	14341866	1.24	cps
Terbium	159-2	8891210	8957286	8874574	8907690	0.49	cps
Thallium	203-1	3245931	3370952	3364893	3327259	2.12	cps
Thallium	205-1	7820133	7981529	7890019	7897227	1.02	cps
Tin	118-1	2673538	2729523	2703612	2702224	1.04	cps
Titanium	47-1	3574402	3561906	3583144	3573151	0.30	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:05:01	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11014649	11295813	11346800	11219087	1.59	cps
Vanadium	51-2	913394	919258	913850	915500	0.36	cps
Yttrium	89-1	10545519	10572499	10462151	10526723	0.55	cps
Yttrium	89-2	2381233	2375169	2412598	2389667	0.84	cps
Zinc	66-2	1757095	1763590	1783911	1768199	0.79	cps
Zirconium	90-1	5183814	5198824	5250717	5211118	0.67	cps
Zirconium	91-1	1158984	1165798	1169521	1164767	0.46	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:07:47	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	363	377	403	381	5.34	cps
Antimony	121-1	2620	2744	2827	2730	3.81	cps
Arsenic	75-2	23	7	3	11	96.43	cps
Barium	135-1	320	233	263	272	16.17	cps
Barium	137-1	430	383	357	390	9.52	cps
Beryllium	9-1	190	143	150	161	15.66	cps
Bismuth	209-1	9448294	9559597	9282735	9430208	1.48	cps
Bismuth	209-2	7019409	7128651	5977643	6708568	9.47	cps
Bromine	81-1	6465	6888	6568	6640	3.33	cps
Bromine	81-2	30	23	33	29	17.63	cps
Cadmium	108-1	10	30	10	17	69.28	cps
Cadmium	106-1	2944	2720	2820	2828	3.96	cps
Cadmium	111-1	2117	1943	2031	2030	4.28	cps
Calcium	43-1	320	327	330	326	1.56	cps
Calcium	44-1	5321	4931	4747	5000	5.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	397	420	343	387	10.16	cps
Cobalt	59-2	117	197	173	162	25.36	cps
Copper	63-2	1063	1153	1157	1125	4.71	cps
Dysprosium	156-1	20	30	30	27	21.65	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	117	90	93	100	14.53	cps
Erbium	164-2	67	63	40	57	25.64	cps
Gadolinium	160-1	50	40	33	41	20.41	cps
Gadolinium	160-2	410	480	357	416	14.89	cps
Holmium	165-1	14657178	14645912	14713090	14672060	0.25	cps
Holmium	165-2	9618770	9589280	8015515	9074522	10.11	cps
Indium	115-1	10858109	11066368	10797486	10907321	1.29	cps
Indium	115-2	3447100	3445584	2893060	3261915	9.79	cps
Iron	56-2	18648	19089	18718	18819	1.26	cps
Iron	57-2	870	900	923	898	2.98	cps
Iron	54-2	1713	1563	1603	1627	4.78	cps
Krypton	83-1	163	120	90	124	29.63	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:07:47	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1393	1230	1137	1253	10.37	cps
Lead	207-1	1263	1077	1023	1121	11.24	cps
Lead	208-1	5561	4890	4560	5004	10.18	cps
Lithium	6-1	2120472	2118029	2115276	2117926	0.12	cps
Magnesium	24-2	2457	2484	2557	2499	2.07	cps
Manganese	55-2	573	567	623	588	5.27	cps
Molybdenum	94-1	1283	1240	1240	1255	1.99	cps
Molybdenum	95-1	1057	960	950	989	5.96	cps
Molybdenum	96-1	1150	1260	1183	1198	4.71	cps
Molybdenum	97-1	667	583	673	641	7.82	cps
Molybdenum	98-1	1617	1640	1313	1523	11.96	cps
Neodymium	150-1	33	13	17	21	50.75	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	90	93	80	88	7.90	cps
Phosphorus	31-2	97	80	103	93	12.88	cps
Potassium	39-2	30875	30644	31954	31158	2.24	cps
Rhodium	103-1	9507565	9632573	9547761	9562633	0.67	cps
Rhodium	103-2	5249727	5342365	4542400	5044831	8.67	cps
Scandium	45-1	5317626	5392153	5350517	5353432	0.70	cps
Scandium	45-2	440675	443674	374731	419693	9.28	cps
Selenium	82-1	230	337	375	314	23.89	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	167	157	150	158	5.32	cps
Silicon	28-1	145482	147309	148087	146959	0.91	cps
Silver	107-1	690	527	483	567	19.23	cps
Silver	109-1	593	553	407	518	18.98	cps
Sodium	23-2	16806	16629	16362	16599	1.35	cps
Strontium	86-1	957	857	860	891	6.37	cps
Strontium	88-1	6852	6098	5758	6236	8.98	cps
Sulfur	34-1	117551	120050	118565	118722	1.06	cps
Terbium	159-1	15152719	15081404	14911529	15048551	0.82	cps
Terbium	159-2	9305825	9434560	7919031	8886472	9.46	cps
Thallium	203-1	627	587	463	559	15.23	cps
Thallium	205-1	1497	1390	1200	1362	11.03	cps
Tin	118-1	1117	1217	1443	1259	13.30	cps
Titanium	47-1	283	247	257	262	7.23	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:07:47	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	303	293	287	294	2.85	cps
Vanadium	51-2	53	27	63	48	39.66	cps
Yttrium	89-1	11114394	11173651	11216151	11168065	0.46	cps
Yttrium	89-2	2561354	2665442	2210323	2479040	9.62	cps
Zinc	66-2	397	433	387	406	6.06	cps
Zirconium	90-1	1980	1757	2003	1913	7.12	cps
Zirconium	91-1	487	417	473	459	8.10	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:11:06	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5574637	5659396	5644416	5626150	0.80	cps
Antimony	121-1	435540	436398	440145	437361	0.56	cps
Arsenic	75-2	83295	81354	81934	82195	1.21	cps
Barium	135-1	2855230	2920270	2899579	2891693	1.15	cps
Barium	137-1	4914353	5078833	5020075	5004420	1.67	cps
Beryllium	9-1	35510	36169	36570	36083	1.48	cps
Bismuth	209-1	9617163	9628942	9509398	9585168	0.69	cps
Bismuth	209-2	7132709	7288778	7109421	7176970	1.36	cps
Bromine	81-1	8319	8219	8092	8210	1.38	cps
Bromine	81-2	240	250	287	259	9.49	cps
Cadmium	108-1	3691	3761	3867	3773	2.36	cps
Cadmium	106-1	8589	8372	8433	8465	1.32	cps
Cadmium	111-1	56255	56319	57370	56648	1.11	cps
Calcium	43-1	269863	272644	276227	272911	1.17	cps
Calcium	44-1	4001016	4082334	4120278	4067876	1.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	397147	392220	398646	396004	0.85	cps
Cobalt	59-2	1217266	1214032	1217694	1216331	0.16	cps
Copper	63-2	810446	806746	805635	807609	0.31	cps
Dysprosium	156-1	59950	60687	60593	60410	0.66	cps
Dysprosium	156-2	45781	45734	45400	45638	0.46	cps
Erbium	164-1	52026	53686	54991	53568	2.77	cps
Erbium	164-2	34235	34152	34122	34169	0.17	cps
Gadolinium	160-1	56852	58197	58515	57854	1.53	cps
Gadolinium	160-2	39068	38750	38620	38813	0.59	cps
Holmium	165-1	15426294	15178914	15495531	15366913	1.08	cps
Holmium	165-2	9963200	10153545	10055103	10057283	0.95	cps
Indium	115-1	11339569	11620006	11536137	11498571	1.25	cps
Indium	115-2	3587466	3615127	3522447	3575013	1.33	cps
Iron	56-2	221741190	222348617	219193597	221094468	0.76	cps
Iron	57-2	5508402	5411138	5473026	5464189	0.90	cps
Iron	54-2	12058995	11978427	12010313	12015912	0.34	cps
Krypton	83-1	140	233	163	179	27.15	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:11:06	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1027800	1043928	1060629	1044119	1.57	cps
Lead	207-1	971086	978098	967916	972367	0.54	cps
Lead	208-1	4459622	4524945	4513837	4499468	0.78	cps
Lithium	6-1	2223809	2233312	2213973	2223698	0.43	cps
Magnesium	24-2	3281631	3286524	3294644	3287600	0.20	cps
Manganese	55-2	3441203	3362022	3456370	3419865	1.48	cps
Molybdenum	94-1	42421	43551	43077	43016	1.32	cps
Molybdenum	95-1	5188	5621	5354	5388	4.06	cps
Molybdenum	96-1	15348	15385	15809	15514	1.65	cps
Molybdenum	97-1	3190	3267	3190	3216	1.38	cps
Molybdenum	98-1	8252	8669	8723	8548	3.01	cps
Neodymium	150-1	95903	98632	99474	98003	1.90	cps
Neodymium	150-2	52273	52661	52802	52579	0.52	cps
Nickel	60-2	307893	308638	307372	307968	0.21	cps
Phosphorus	31-2	19099	19696	19493	19429	1.56	cps
Potassium	39-2	1864975	1875840	1867258	1869357	0.31	cps
Rhodium	103-1	9885607	9963647	10132869	9994041	1.26	cps
Rhodium	103-2	5501831	5625594	5583749	5570391	1.13	cps
Scandium	45-1	5974813	5965367	6036993	5992391	0.65	cps
Scandium	45-2	487083	499781	491153	492672	1.32	cps
Selenium	82-1	7085	7109	7449	7214	2.82	cps
Selenium	77-2	687	773	820	760	8.90	cps
Selenium	78-2	2157	2334	2384	2291	5.20	cps
Silicon	28-1	13874159	14303036	14418464	14198553	2.02	cps
Silver	107-1	253556	257300	257539	256132	0.87	cps
Silver	109-1	243458	244267	246770	244832	0.71	cps
Sodium	23-2	98499	100320	98999	99272	0.95	cps
Strontium	86-1	161572	164002	167753	164442	1.89	cps
Strontium	88-1	1419189	1433094	1442184	1431489	0.81	cps
Sulfur	34-1	136419	134435	133598	134817	1.07	cps
Terbium	159-1	16193866	15926726	15689911	15936835	1.58	cps
Terbium	159-2	9648336	10000273	9844969	9831193	1.79	cps
Thallium	203-1	198055	197622	198933	198203	0.34	cps
Thallium	205-1	461012	479645	474677	471778	2.05	cps
Tin	118-1	13443	13483	14050	13659	2.49	cps
Titanium	47-1	1250493	1273015	1294832	1272780	1.74	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:11:06	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21234	22696	22369	22099	3.47	cps
Vanadium	51-2	1046374	1043862	1045793	1045343	0.13	cps
Yttrium	89-1	12620486	12599539	12595219	12605081	0.11	cps
Yttrium	89-2	2886725	2975180	2920780	2927562	1.52	cps
Zinc	66-2	397059	396346	395433	396279	0.21	cps
Zirconium	90-1	105720	108604	109558	107961	1.85	cps
Zirconium	91-1	23759	23709	24748	24072	2.43	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:14:11	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5952509	6053269	5857715	5954498	1.64	cps
Antimony	121-1	2068282	2104423	2098366	2090357	0.93	cps
Arsenic	75-2	105250	104676	104729	104885	0.30	cps
Barium	135-1	11385434	11431589	11478093	11431705	0.41	cps
Barium	137-1	19742221	19788892	20010895	19847336	0.72	cps
Beryllium	9-1	165140	163893	164386	164473	0.38	cps
Bismuth	209-1	9350186	9568858	9496370	9471805	1.18	cps
Bismuth	209-2	7052084	6870811	6971833	6964909	1.30	cps
Bromine	81-1	8376	8496	8336	8402	0.99	cps
Bromine	81-2	253	280	277	270	5.38	cps
Cadmium	108-1	16903	16893	16847	16881	0.18	cps
Cadmium	106-1	26457	26297	26611	26455	0.59	cps
Cadmium	111-1	255379	258213	258094	257229	0.62	cps
Calcium	43-1	263762	267179	265017	265319	0.65	cps
Calcium	44-1	3971028	4003096	3943296	3972473	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1420657	1398126	1402012	1406932	0.86	cps
Cobalt	59-2	5101623	5168352	5156833	5142270	0.69	cps
Copper	63-2	2122278	2158343	2107882	2129501	1.22	cps
Dysprosium	156-1	57032	59991	59776	58933	2.80	cps
Dysprosium	156-2	44918	44152	43969	44346	1.14	cps
Erbium	164-1	52441	52234	52545	52407	0.30	cps
Erbium	164-2	33644	33079	32889	33204	1.18	cps
Gadolinium	160-1	56544	56460	56928	56644	0.44	cps
Gadolinium	160-2	37617	37935	36895	37482	1.42	cps
Holmium	165-1	15086210	15477497	15319389	15294365	1.29	cps
Holmium	165-2	9932376	9734921	9852311	9839869	1.01	cps
Indium	115-1	11236408	11330888	11372045	11313113	0.61	cps
Indium	115-2	3458735	3390972	3436791	3428833	1.01	cps
Iron	56-2	219447297	218379317	217160430	218329015	0.52	cps
Iron	57-2	5365367	5335251	5403380	5367999	0.64	cps
Iron	54-2	11890602	11859081	11700714	11816799	0.86	cps
Krypton	83-1	180	127	153	153	17.39	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:14:11	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1255994	1277621	1276531	1270049	0.96	cps
Lead	207-1	1154491	1177287	1178903	1170227	1.17	cps
Lead	208-1	5355144	5479426	5484255	5439609	1.35	cps
Lithium	6-1	2188270	2253122	2204438	2215277	1.52	cps
Magnesium	24-2	3202304	3158671	3157813	3172929	0.80	cps
Manganese	55-2	5296090	5279360	5167677	5247709	1.33	cps
Molybdenum	94-1	42535	43090	42602	42742	0.71	cps
Molybdenum	95-1	4844	5051	5201	5032	3.56	cps
Molybdenum	96-1	15261	15338	15669	15423	1.40	cps
Molybdenum	97-1	3134	3254	3017	3135	3.78	cps
Molybdenum	98-1	8219	8202	8026	8149	1.32	cps
Neodymium	150-1	95315	97094	96709	96373	0.97	cps
Neodymium	150-2	51279	52042	50674	51332	1.34	cps
Nickel	60-2	1296072	1304413	1296374	1298953	0.36	cps
Phosphorus	31-2	18945	18525	18685	18718	1.13	cps
Potassium	39-2	1786490	1778095	1775652	1780079	0.32	cps
Rhodium	103-1	9863641	9889941	10006036	9919873	0.76	cps
Rhodium	103-2	5456355	5298064	5368121	5374180	1.48	cps
Scandium	45-1	5804599	5982058	5973075	5919911	1.69	cps
Scandium	45-2	480902	471898	471725	474842	1.11	cps
Selenium	82-1	32488	32950	32748	32729	0.71	cps
Selenium	77-2	2947	2734	2867	2849	3.78	cps
Selenium	78-2	9710	9230	9550	9496	2.58	cps
Silicon	28-1	13989881	14194167	14059394	14081147	0.74	cps
Silver	107-1	987972	1063052	842649	964557	11.62	cps
Silver	109-1	799315	885824	865874	850338	5.33	cps
Sodium	23-2	98163	98864	98204	98411	0.40	cps
Strontium	86-1	160049	162694	160284	161009	0.91	cps
Strontium	88-1	1396363	1415837	1407331	1406510	0.69	cps
Sulfur	34-1	128139	127715	123800	126551	1.89	cps
Terbium	159-1	15726037	15879578	15950104	15851906	0.72	cps
Terbium	159-2	9673610	9445357	9536481	9551816	1.20	cps
Thallium	203-1	954952	962756	967435	961714	0.66	cps
Thallium	205-1	2488643	2526279	2544992	2519972	1.14	cps
Tin	118-1	12252	12335	12642	12410	1.66	cps
Titanium	47-1	1279635	1280393	1267830	1275953	0.55	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:14:11	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21591	22042	22336	21989	1.71	cps
Vanadium	51-2	3250883	3249345	3268890	3256373	0.33	cps
Yttrium	89-1	12285448	12571287	12552736	12469824	1.28	cps
Yttrium	89-2	2881379	2799216	2824566	2835054	1.48	cps
Zinc	66-2	847637	846392	840972	845000	0.42	cps
Zirconium	90-1	106026	107456	105680	106387	0.89	cps
Zirconium	91-1	24117	23556	23522	23731	1.41	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-13RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:17:11	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5996836	5947498	5939028	5961121	0.52	cps
Antimony	121-1	19079	19837	20017	19645	2.53	cps
Arsenic	75-2	53750	53787	54389	53975	0.66	cps
Barium	135-1	617102	621074	627122	621766	0.81	cps
Barium	137-1	1065662	1081683	1084761	1077369	0.95	cps
Beryllium	9-1	1880	1963	2003	1949	3.23	cps
Bismuth	209-1	9220964	9139236	9329583	9229928	1.03	cps
Bismuth	209-2	7145654	6980907	6892851	7006471	1.83	cps
Bromine	81-1	8276	8422	8272	8324	1.03	cps
Bromine	81-2	210	190	190	197	5.87	cps
Cadmium	108-1	370	420	397	396	6.32	cps
Cadmium	106-1	3807	3707	3827	3781	1.70	cps
Cadmium	111-1	5803	6058	5668	5843	3.39	cps
Calcium	43-1	311069	314818	316587	314158	0.90	cps
Calcium	44-1	4620965	4694651	4737107	4684241	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	138367	139555	139164	139029	0.44	cps
Cobalt	59-2	156132	153889	155883	155301	0.79	cps
Copper	63-2	441559	441705	442704	441989	0.14	cps
Dysprosium	156-1	66446	67571	66232	66750	1.08	cps
Dysprosium	156-2	49253	49303	50122	49559	0.99	cps
Erbium	164-1	59405	59349	60266	59673	0.86	cps
Erbium	164-2	37915	39115	38282	38437	1.60	cps
Gadolinium	160-1	63835	64444	63543	63941	0.72	cps
Gadolinium	160-2	43604	43323	43247	43391	0.43	cps
Holmium	165-1	14940245	14877928	14899603	14905925	0.21	cps
Holmium	165-2	10248269	9808504	9723884	9926886	2.84	cps
Indium	115-1	11121961	10928369	11066655	11038995	0.90	cps
Indium	115-2	3620368	3454618	3479121	3518035	2.54	cps
Iron	56-2	257981123	257236383	256289116	257168874	0.33	cps
Iron	57-2	6334092	6320077	6346681	6333617	0.21	cps
Iron	54-2	13966553	13794981	13932613	13898049	0.65	cps
Krypton	83-1	153	187	150	163	12.41	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-13RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:17:11	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	641040	650588	654221	648616	1.05	cps
Lead	207-1	582584	593047	598470	591367	1.37	cps
Lead	208-1	2606202	2642710	2660055	2636322	1.04	cps
Lithium	6-1	2191227	2154018	2174396	2173213	0.86	cps
Magnesium	24-2	3473846	3504960	3476670	3485159	0.49	cps
Manganese	55-2	3067866	3091453	3075264	3078195	0.39	cps
Molybdenum	94-1	55913	56723	56528	56388	0.75	cps
Molybdenum	95-1	6128	5878	6205	6070	2.82	cps
Molybdenum	96-1	18725	19740	19390	19285	2.67	cps
Molybdenum	97-1	3547	3751	3587	3628	2.97	cps
Molybdenum	98-1	9176	9967	9423	9522	4.25	cps
Neodymium	150-1	106481	107385	106639	106835	0.45	cps
Neodymium	150-2	57972	58203	57985	58053	0.22	cps
Nickel	60-2	40886	40682	40932	40833	0.33	cps
Phosphorus	31-2	20577	20547	20404	20509	0.45	cps
Potassium	39-2	1831378	1832974	1827089	1830480	0.17	cps
Rhodium	103-1	9721105	9637714	9818585	9725802	0.93	cps
Rhodium	103-2	5593890	5376455	5340663	5437002	2.52	cps
Scandium	45-1	5909255	5746202	5931537	5862332	1.73	cps
Scandium	45-2	500680	480359	478710	486583	2.51	cps
Selenium	82-1	526	505	585	538	7.69	cps
Selenium	77-2	110	167	130	136	21.20	cps
Selenium	78-2	313	220	340	291	21.65	cps
Silicon	28-1	17209772	17434123	17507396	17383763	0.89	cps
Silver	107-1	6298	5931	5891	6040	3.71	cps
Silver	109-1	5825	5608	5738	5723	1.91	cps
Sodium	23-2	100857	101854	101800	101504	0.55	cps
Strontium	86-1	190451	193635	194100	192729	1.03	cps
Strontium	88-1	1665873	1688946	1677272	1677364	0.69	cps
Sulfur	34-1	128925	129657	127745	128776	0.75	cps
Terbium	159-1	15410152	15389329	15599762	15466414	0.75	cps
Terbium	159-2	10019313	9571519	9498890	9696574	2.91	cps
Thallium	203-1	2357	2400	2387	2381	0.93	cps
Thallium	205-1	5618	5421	5568	5536	1.85	cps
Tin	118-1	12542	12355	12619	12505	1.08	cps
Titanium	47-1	1649836	1664419	1669016	1661090	0.60	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-13RE	Instrumnet Name :	P7
Client Sample ID :	MYD4R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:17:11	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24856	24943	24870	24890	0.19	cps
Vanadium	51-2	534612	534023	533069	533901	0.15	cps
Yttrium	89-1	12419206	12353297	12489027	12420510	0.55	cps
Yttrium	89-2	2971072	2828479	2886269	2895273	2.48	cps
Zinc	66-2	198325	197655	198318	198099	0.19	cps
Zirconium	90-1	140541	142409	141787	141579	0.67	cps
Zirconium	91-1	31220	31574	32349	31714	1.82	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-14	Instrumnet Name :	P7
Client Sample ID :	MYD4R9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:20:19	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3997005	3995467	4011032	4001168	0.21	cps
Antimony	121-1	21186	21700	21763	21550	1.47	cps
Arsenic	75-2	55868	56477	54831	55725	1.49	cps
Barium	135-1	372113	378245	379881	376746	1.09	cps
Barium	137-1	646477	659962	660845	655761	1.23	cps
Beryllium	9-1	1397	1490	1647	1511	8.36	cps
Bismuth	209-1	9335993	9295222	9320571	9317262	0.22	cps
Bismuth	209-2	6963445	6886503	6907482	6919144	0.57	cps
Bromine	81-1	7996	8002	7936	7978	0.46	cps
Bromine	81-2	213	170	183	189	11.75	cps
Cadmium	108-1	343	400	377	373	7.63	cps
Cadmium	106-1	3674	3731	3797	3734	1.65	cps
Cadmium	111-1	6122	6122	6205	6150	0.78	cps
Calcium	43-1	199881	202822	202535	201746	0.80	cps
Calcium	44-1	2995358	3039057	3038408	3024275	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97422	94903	96345	96223	1.31	cps
Cobalt	59-2	115829	117498	115003	116110	1.09	cps
Copper	63-2	458586	457717	454652	456985	0.45	cps
Dysprosium	156-1	52819	53471	54127	53472	1.22	cps
Dysprosium	156-2	39806	40669	40552	40342	1.16	cps
Erbium	164-1	45106	46510	45527	45714	1.58	cps
Erbium	164-2	29327	28666	29297	29097	1.28	cps
Gadolinium	160-1	49868	51029	50772	50556	1.21	cps
Gadolinium	160-2	34152	33617	33921	33896	0.79	cps
Holmium	165-1	14789018	14917464	14994975	14900486	0.70	cps
Holmium	165-2	9770626	9695670	9807208	9757835	0.58	cps
Indium	115-1	11140367	11110242	11110834	11120481	0.15	cps
Indium	115-2	3484228	3439485	3497819	3473844	0.88	cps
Iron	56-2	190789150	188997311	189468017	189751493	0.49	cps
Iron	57-2	4719774	4733345	4674048	4709056	0.66	cps
Iron	54-2	10331118	10319617	10316361	10322365	0.08	cps
Krypton	83-1	183	163	177	174	5.84	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-14	Instrumnet Name :	P7
Client Sample ID :	MYD4R9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:20:19	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	840418	851089	852936	848148	0.80	cps
Lead	207-1	779819	791540	785710	785689	0.75	cps
Lead	208-1	3629055	3649381	3647001	3641813	0.31	cps
Lithium	6-1	2151564	2134914	2142254	2142911	0.39	cps
Magnesium	24-2	2331357	2301752	2310341	2314483	0.66	cps
Manganese	55-2	2200582	2182845	2174611	2186013	0.61	cps
Molybdenum	94-1	39814	40085	40523	40140	0.89	cps
Molybdenum	95-1	5898	5668	6061	5876	3.36	cps
Molybdenum	96-1	15358	15241	15425	15341	0.61	cps
Molybdenum	97-1	3427	3544	3644	3538	3.07	cps
Molybdenum	98-1	8939	8970	9376	9095	2.68	cps
Neodymium	150-1	91028	91769	91525	91441	0.41	cps
Neodymium	150-2	48590	49222	48369	48727	0.91	cps
Nickel	60-2	28738	28357	28397	28497	0.73	cps
Phosphorus	31-2	17166	16906	17020	17031	0.77	cps
Potassium	39-2	1853813	1818113	1829302	1833743	1.00	cps
Rhodium	103-1	9791672	9876186	9780618	9816158	0.53	cps
Rhodium	103-2	5414352	5346681	5478321	5413118	1.22	cps
Scandium	45-1	5788427	5806379	5742447	5779084	0.57	cps
Scandium	45-2	467466	467722	473275	469488	0.70	cps
Selenium	82-1	482	528	542	517	6.05	cps
Selenium	77-2	130	140	107	126	13.62	cps
Selenium	78-2	290	250	240	260	10.18	cps
Silicon	28-1	13970322	14162464	14266453	14133080	1.06	cps
Silver	107-1	6605	6512	6305	6474	2.37	cps
Silver	109-1	6201	6155	6198	6185	0.42	cps
Sodium	23-2	85284	86082	86906	86091	0.94	cps
Strontium	86-1	145796	148096	149129	147674	1.16	cps
Strontium	88-1	1270347	1291261	1292526	1284711	0.97	cps
Sulfur	34-1	116157	114797	116792	115915	0.88	cps
Terbium	159-1	15625863	15611986	15310935	15516261	1.15	cps
Terbium	159-2	9541852	9516446	9754088	9604129	1.36	cps
Thallium	203-1	2410	2350	2270	2344	3.00	cps
Thallium	205-1	5765	5831	5621	5739	1.87	cps
Tin	118-1	13026	13350	13647	13341	2.33	cps
Titanium	47-1	1422573	1457922	1458839	1446445	1.43	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-14	Instrumnet Name :	P7
Client Sample ID :	MYD4R9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:20:19	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23938	23684	24202	23942	1.08	cps
Vanadium	51-2	370273	372353	370778	371135	0.29	cps
Yttrium	89-1	12250056	12167209	12168709	12195325	0.39	cps
Yttrium	89-2	2821257	2786647	2891062	2832989	1.88	cps
Zinc	66-2	179444	176617	178587	178216	0.81	cps
Zirconium	90-1	98084	99856	100860	99600	1.41	cps
Zirconium	91-1	22350	21896	22464	22237	1.35	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-15	Instrumnet Name :	P7
Client Sample ID :	MYD4S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:26:46	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4062495	4059703	4025440	4049212	0.51	cps
Antimony	121-1	21716	21857	21620	21731	0.55	cps
Arsenic	75-2	50034	50238	50134	50135	0.20	cps
Barium	135-1	438112	446308	443672	442697	0.95	cps
Barium	137-1	760902	771948	771563	768138	0.82	cps
Beryllium	9-1	1593	1623	1743	1653	4.80	cps
Bismuth	209-1	9209830	9345733	9328417	9294660	0.80	cps
Bismuth	209-2	6971728	6994081	6830706	6932172	1.28	cps
Bromine	81-1	8689	8673	8533	8631	1.00	cps
Bromine	81-2	190	247	223	220	12.95	cps
Cadmium	108-1	353	313	353	340	6.79	cps
Cadmium	106-1	3697	3637	3467	3600	3.31	cps
Cadmium	111-1	6101	6187	5947	6078	2.00	cps
Calcium	43-1	204900	206103	206035	205679	0.33	cps
Calcium	44-1	3072759	3096371	3051268	3073466	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	169183	166858	167249	167763	0.74	cps
Cobalt	59-2	116051	115577	115742	115790	0.21	cps
Copper	63-2	454694	450977	453117	452929	0.41	cps
Dysprosium	156-1	56623	56567	56747	56646	0.16	cps
Dysprosium	156-2	43012	42481	42701	42731	0.63	cps
Erbium	164-1	48440	48500	48808	48583	0.41	cps
Erbium	164-2	30881	30757	30430	30689	0.76	cps
Gadolinium	160-1	52622	52946	53733	53100	1.08	cps
Gadolinium	160-2	36020	36878	36434	36444	1.18	cps
Holmium	165-1	15113184	15127519	15080339	15107014	0.16	cps
Holmium	165-2	9802404	9600031	9615892	9672776	1.16	cps
Indium	115-1	11354899	11372864	11303047	11343603	0.32	cps
Indium	115-2	3532001	3539397	3417086	3496161	1.96	cps
Iron	56-2	180380931	179153557	179912737	179815742	0.34	cps
Iron	57-2	4473664	4454006	4366970	4431546	1.28	cps
Iron	54-2	9716406	9714824	9693085	9708105	0.13	cps
Krypton	83-1	200	147	147	164	18.72	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-15	Instrumnet Name :	P7
Client Sample ID :	MYD4S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:26:46	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1533169	1548081	1562864	1548038	0.96	cps
Lead	207-1	1303254	1309530	1325573	1312786	0.88	cps
Lead	208-1	6297668	6317748	6426929	6347448	1.10	cps
Lithium	6-1	2162514	2172521	2171685	2168906	0.26	cps
Magnesium	24-2	2543703	2500214	2505315	2516411	0.94	cps
Manganese	55-2	2568176	2577029	2523107	2556104	1.13	cps
Molybdenum	94-1	29603	29102	29410	29372	0.86	cps
Molybdenum	95-1	6948	6895	7122	6988	1.70	cps
Molybdenum	96-1	14697	15041	14701	14813	1.33	cps
Molybdenum	97-1	4457	4391	4284	4377	2.00	cps
Molybdenum	98-1	11131	11788	11371	11430	2.91	cps
Neodymium	150-1	94930	96544	97108	96194	1.18	cps
Neodymium	150-2	51925	51751	51932	51869	0.20	cps
Nickel	60-2	31850	31263	31436	31516	0.96	cps
Phosphorus	31-2	17557	17660	17540	17586	0.37	cps
Potassium	39-2	2053717	2035941	2051315	2046991	0.47	cps
Rhodium	103-1	10022441	10066023	9950910	10013124	0.58	cps
Rhodium	103-2	5426756	5398561	5376279	5400532	0.47	cps
Scandium	45-1	5973061	5914398	5880204	5922555	0.79	cps
Scandium	45-2	474584	474933	470158	473225	0.56	cps
Selenium	82-1	511	611	590	571	9.26	cps
Selenium	77-2	113	167	157	146	19.48	cps
Selenium	78-2	253	213	293	253	15.79	cps
Silicon	28-1	13056067	13077919	13070973	13068320	0.09	cps
Silver	107-1	6588	6958	6815	6787	2.75	cps
Silver	109-1	6308	6378	6492	6393	1.45	cps
Sodium	23-2	99761	99931	99985	99892	0.12	cps
Strontium	86-1	139577	142346	141316	141080	0.99	cps
Strontium	88-1	1226200	1232179	1238354	1232244	0.49	cps
Sulfur	34-1	122819	121317	119801	121312	1.24	cps
Terbium	159-1	15422902	15484171	15549590	15485554	0.41	cps
Terbium	159-2	9592850	9574411	9429340	9532200	0.94	cps
Thallium	203-1	2880	2867	2694	2814	3.70	cps
Thallium	205-1	6512	6518	6355	6462	1.43	cps
Tin	118-1	14250	13757	13607	13871	2.43	cps
Titanium	47-1	1237244	1249986	1242030	1243087	0.52	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-15	Instrumnet Name :	P7
Client Sample ID :	MYD4S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:26:46	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24038	23805	25037	24293	2.69	cps
Vanadium	51-2	292688	290806	291520	291671	0.33	cps
Yttrium	89-1	12515143	12504726	12429492	12483121	0.37	cps
Yttrium	89-2	2853600	2851595	2775742	2826979	1.57	cps
Zinc	66-2	190998	189307	188314	189540	0.72	cps
Zirconium	90-1	67625	68535	67909	68023	0.68	cps
Zirconium	91-1	14911	15218	15218	15116	1.17	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-16	Instrumnet Name :	P7
Client Sample ID :	MYD4S1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:29:58	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5198140	5147645	5177278	5174354	0.49	cps
Antimony	121-1	16613	17330	17274	17072	2.34	cps
Arsenic	75-2	44797	46141	45105	45348	1.55	cps
Barium	135-1	571341	569702	575324	572122	0.51	cps
Barium	137-1	982265	997579	991021	990289	0.78	cps
Beryllium	9-1	1837	1667	1543	1682	8.76	cps
Bismuth	209-1	9157738	9207416	9069515	9144890	0.76	cps
Bismuth	209-2	6829021	7240537	7410529	7160029	4.18	cps
Bromine	81-1	8072	8499	8139	8237	2.79	cps
Bromine	81-2	160	193	193	182	10.56	cps
Cadmium	108-1	317	330	303	317	4.21	cps
Cadmium	106-1	3831	3677	3761	3756	2.04	cps
Cadmium	111-1	5143	4673	5004	4940	4.89	cps
Calcium	43-1	265429	269750	266693	267290	0.83	cps
Calcium	44-1	3970677	4058303	4004487	4011156	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105281	102911	102639	103610	1.40	cps
Cobalt	59-2	156324	154172	154836	155111	0.71	cps
Copper	63-2	342382	337080	340290	339917	0.79	cps
Dysprosium	156-1	58521	59104	60590	59405	1.80	cps
Dysprosium	156-2	44346	44250	43397	43998	1.19	cps
Erbium	164-1	51672	52384	52886	52314	1.17	cps
Erbium	164-2	33684	33246	32952	33294	1.11	cps
Gadolinium	160-1	56256	56373	56774	56468	0.48	cps
Gadolinium	160-2	38232	36902	37807	37647	1.80	cps
Holmium	165-1	15058531	14960166	14978447	14999048	0.35	cps
Holmium	165-2	9701008	10287291	10276101	10088133	3.32	cps
Indium	115-1	11200217	11287879	11155574	11214557	0.60	cps
Indium	115-2	3445244	3647088	3657947	3583426	3.34	cps
Iron	56-2	210847517	208203337	210480284	209843712	0.68	cps
Iron	57-2	5207380	5106329	5144710	5152807	0.99	cps
Iron	54-2	11361783	11242270	11356322	11320125	0.60	cps
Krypton	83-1	190	143	193	176	15.92	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-16	Instrumnet Name :	P7
Client Sample ID :	MYD4S1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:29:58	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	547167	550817	555491	551158	0.76	cps
Lead	207-1	499697	508437	507379	505171	0.94	cps
Lead	208-1	2230916	2256039	2251556	2246170	0.60	cps
Lithium	6-1	2141129	2146143	2126804	2138025	0.47	cps
Magnesium	24-2	3042557	2980146	3002776	3008493	1.05	cps
Manganese	55-2	2931359	2889231	2910512	2910367	0.72	cps
Molybdenum	94-1	49971	50962	51266	50733	1.33	cps
Molybdenum	95-1	4891	4984	4974	4950	1.04	cps
Molybdenum	96-1	17080	17030	16863	16991	0.67	cps
Molybdenum	97-1	2984	2990	3207	3060	4.15	cps
Molybdenum	98-1	7719	7815	7762	7765	0.62	cps
Neodymium	150-1	94400	96651	96685	95912	1.37	cps
Neodymium	150-2	51206	51771	51463	51480	0.55	cps
Nickel	60-2	33357	33050	33481	33296	0.67	cps
Phosphorus	31-2	17557	16869	17160	17195	2.01	cps
Potassium	39-2	1515268	1477652	1495655	1496191	1.26	cps
Rhodium	103-1	9889081	9844254	9725685	9819673	0.86	cps
Rhodium	103-2	5412755	5681018	5739057	5610944	3.10	cps
Scandium	45-1	5872538	5824933	5884618	5860697	0.54	cps
Scandium	45-2	480079	495514	500013	491869	2.13	cps
Selenium	82-1	501	547	487	512	6.11	cps
Selenium	77-2	93	170	140	134	28.74	cps
Selenium	78-2	240	213	240	231	6.66	cps
Silicon	28-1	13985668	13983215	14155877	14041587	0.70	cps
Silver	107-1	4341	4464	4421	4408	1.42	cps
Silver	109-1	4191	4044	3917	4051	3.38	cps
Sodium	23-2	82147	82288	83039	82491	0.58	cps
Strontium	86-1	168158	169051	169149	168786	0.32	cps
Strontium	88-1	1465937	1478652	1483884	1476158	0.63	cps
Sulfur	34-1	115257	115646	115885	115596	0.27	cps
Terbium	159-1	15360393	15495550	15344020	15399988	0.54	cps
Terbium	159-2	9582673	10149457	10074724	9935618	3.10	cps
Thallium	203-1	2084	1963	2014	2020	2.98	cps
Thallium	205-1	4784	4534	4801	4706	3.18	cps
Tin	118-1	10741	11224	11021	10995	2.21	cps
Titanium	47-1	1284898	1269923	1281968	1278930	0.62	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-16	Instrumnet Name :	P7
Client Sample ID :	MYD4S1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:29:58	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22269	22305	22689	22421	1.04	cps
Vanadium	51-2	409958	405875	409213	408349	0.53	cps
Yttrium	89-1	12347314	12396008	12329610	12357644	0.28	cps
Yttrium	89-2	2877922	2998900	3015071	2963964	2.53	cps
Zinc	66-2	172840	170642	171178	171554	0.67	cps
Zirconium	90-1	129515	130618	129679	129937	0.46	cps
Zirconium	91-1	29353	29830	30251	29811	1.51	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-17	Instrumnet Name :	P7
Client Sample ID :	MYD4S2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:37:10	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5910266	5992914	5866430	5923203	1.08	cps
Antimony	121-1	11865	11738	11892	11832	0.69	cps
Arsenic	75-2	29125	29379	29172	29225	0.46	cps
Barium	135-1	653868	661142	666426	660479	0.95	cps
Barium	137-1	1136316	1143345	1150378	1143346	0.61	cps
Beryllium	9-1	1973	1760	1930	1888	5.97	cps
Bismuth	209-1	9016133	9127186	9078631	9073983	0.61	cps
Bismuth	209-2	6789832	6949959	6857013	6865601	1.17	cps
Bromine	81-1	8686	8449	8806	8647	2.10	cps
Bromine	81-2	327	243	310	293	15.03	cps
Cadmium	108-1	237	247	237	240	2.41	cps
Cadmium	106-1	3390	2957	3120	3156	6.94	cps
Cadmium	111-1	4288	4331	4202	4274	1.53	cps
Calcium	43-1	280881	281835	283203	281973	0.41	cps
Calcium	44-1	4201947	4251940	4233461	4229116	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130528	130408	129056	129997	0.63	cps
Cobalt	59-2	148082	149163	147928	148391	0.45	cps
Copper	63-2	396101	390763	392453	393106	0.69	cps
Dysprosium	156-1	64879	64537	66637	65351	1.72	cps
Dysprosium	156-2	49002	49497	49604	49367	0.65	cps
Erbium	164-1	55697	57290	57518	56835	1.75	cps
Erbium	164-2	37006	37019	37209	37078	0.31	cps
Gadolinium	160-1	62559	61718	62763	62347	0.89	cps
Gadolinium	160-2	42424	42200	42227	42284	0.29	cps
Holmium	165-1	14739054	15051420	14893083	14894519	1.05	cps
Holmium	165-2	9676188	9732233	9664045	9690822	0.38	cps
Indium	115-1	11123672	10987929	10989820	11033807	0.71	cps
Indium	115-2	3445519	3432545	3441061	3439709	0.19	cps
Iron	56-2	218598797	217286017	221324323	219069712	0.94	cps
Iron	57-2	5419373	5370320	5391603	5393765	0.46	cps
Iron	54-2	11867524	11902073	11797438	11855678	0.45	cps
Krypton	83-1	167	120	183	157	20.96	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-17	Instrumnet Name :	P7
Client Sample ID :	MYD4S2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:37:10	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	326535	334085	338418	333013	1.81	cps
Lead	207-1	296497	299124	304730	300117	1.40	cps
Lead	208-1	1320076	1342977	1355513	1339522	1.34	cps
Lithium	6-1	2107626	2141739	2134132	2127833	0.84	cps
Magnesium	24-2	3206624	3209084	3193690	3203133	0.26	cps
Manganese	55-2	3092041	3062403	3133566	3096004	1.15	cps
Molybdenum	94-1	35179	35319	35687	35395	0.74	cps
Molybdenum	95-1	4741	4387	4798	4642	4.79	cps
Molybdenum	96-1	13907	13566	14254	13909	2.47	cps
Molybdenum	97-1	3020	2890	2737	2883	4.92	cps
Molybdenum	98-1	7409	7178	7322	7303	1.59	cps
Neodymium	150-1	106408	107539	109645	107864	1.52	cps
Neodymium	150-2	59277	58233	58219	58576	1.04	cps
Nickel	60-2	37798	38282	37751	37943	0.78	cps
Phosphorus	31-2	16062	15898	15665	15875	1.26	cps
Potassium	39-2	1766649	1736011	1751101	1751254	0.87	cps
Rhodium	103-1	9746142	9759020	9708175	9737779	0.27	cps
Rhodium	103-2	5262570	5281448	5268167	5270728	0.18	cps
Scandium	45-1	5836733	5837714	5866106	5846851	0.29	cps
Scandium	45-2	467831	468108	465851	467263	0.26	cps
Selenium	82-1	544	542	556	547	1.40	cps
Selenium	77-2	127	97	90	104	18.70	cps
Selenium	78-2	263	243	237	248	5.60	cps
Silicon	28-1	17490291	17630770	17744292	17621784	0.72	cps
Silver	107-1	2930	3160	3004	3031	3.88	cps
Silver	109-1	3047	2900	2780	2909	4.59	cps
Sodium	23-2	83025	83977	85076	84026	1.22	cps
Strontium	86-1	192460	191849	194129	192812	0.61	cps
Strontium	88-1	1708491	1664114	1705007	1692537	1.46	cps
Sulfur	34-1	115499	113487	114370	114452	0.88	cps
Terbium	159-1	15252782	15375002	15259598	15295794	0.45	cps
Terbium	159-2	9392086	9511489	9464284	9455953	0.64	cps
Thallium	203-1	2164	2294	2260	2239	3.02	cps
Thallium	205-1	4888	5311	5204	5134	4.29	cps
Tin	118-1	31431	31471	31137	31346	0.58	cps
Titanium	47-1	1501564	1499543	1475144	1492084	0.99	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-17	Instrumnet Name :	P7
Client Sample ID :	MYD4S2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:37:10	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25130	25181	25241	25184	0.22	cps
Vanadium	51-2	458000	451391	455953	455115	0.74	cps
Yttrium	89-1	12438556	12239949	12170746	12283084	1.13	cps
Yttrium	89-2	2830386	2842710	2826033	2833043	0.31	cps
Zinc	66-2	122968	123771	122390	123043	0.56	cps
Zirconium	90-1	87455	88682	89148	88428	0.99	cps
Zirconium	91-1	19750	20124	19593	19822	1.38	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-18	Instrumnet Name :	P7
Client Sample ID :	MYD4S3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:40:19	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7989054	7935835	7949671	7958187	0.35	cps
Antimony	121-1	4758	4824	4784	4789	0.70	cps
Arsenic	75-2	17227	16593	17023	16948	1.91	cps
Barium	135-1	891660	898149	906408	898739	0.82	cps
Barium	137-1	1618957	1646071	1559439	1608155	2.76	cps
Beryllium	9-1	2497	2374	2387	2419	2.80	cps
Bismuth	209-1	9044292	9182983	9144460	9123911	0.78	cps
Bismuth	209-2	6709331	6819655	6780758	6769915	0.83	cps
Bromine	81-1	9473	9160	9150	9261	1.99	cps
Bromine	81-2	430	487	503	473	8.12	cps
Cadmium	108-1	237	257	223	239	7.02	cps
Cadmium	106-1	3584	3497	3494	3525	1.45	cps
Cadmium	111-1	3476	3318	3566	3454	3.63	cps
Calcium	43-1	298971	307743	307072	304596	1.60	cps
Calcium	44-1	4573309	4561665	4562678	4565884	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	144686	143435	142542	143554	0.75	cps
Cobalt	59-2	155748	155688	155213	155550	0.19	cps
Copper	63-2	238873	237972	235446	237430	0.75	cps
Dysprosium	156-1	88825	90110	88973	89303	0.79	cps
Dysprosium	156-2	68228	67572	67494	67764	0.59	cps
Erbium	164-1	75787	77711	77986	77161	1.55	cps
Erbium	164-2	49869	49735	48969	49524	0.98	cps
Gadolinium	160-1	84919	86837	86663	86139	1.23	cps
Gadolinium	160-2	58639	58016	58297	58317	0.53	cps
Holmium	165-1	14648924	15016878	14767801	14811201	1.27	cps
Holmium	165-2	9564288	9548943	9623060	9578763	0.41	cps
Indium	115-1	10873454	10965292	10765639	10868128	0.92	cps
Indium	115-2	3367599	3341420	3377566	3362195	0.56	cps
Iron	56-2	194032437	194237017	193365937	193878464	0.23	cps
Iron	57-2	4797717	4786937	4749108	4777921	0.53	cps
Iron	54-2	10404885	10465296	10413283	10427822	0.31	cps
Krypton	83-1	210	273	200	228	17.46	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-18	Instrumnet Name :	P7
Client Sample ID :	MYD4S3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:40:19	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	194720	197334	198034	196696	0.89	cps
Lead	207-1	167279	168021	169816	168372	0.77	cps
Lead	208-1	762986	771188	775402	769859	0.82	cps
Lithium	6-1	2111772	2141439	2112983	2122065	0.79	cps
Magnesium	24-2	4316477	4336895	4239857	4297743	1.19	cps
Manganese	55-2	4007800	4047437	4036185	4030474	0.51	cps
Molybdenum	94-1	68091	68315	68834	68413	0.56	cps
Molybdenum	95-1	3377	3314	3164	3285	3.34	cps
Molybdenum	96-1	17627	17524	18061	17737	1.61	cps
Molybdenum	97-1	2064	2150	2067	2094	2.35	cps
Molybdenum	98-1	4911	5041	5151	5034	2.39	cps
Neodymium	150-1	147343	149614	149405	148787	0.84	cps
Neodymium	150-2	80508	79315	79358	79727	0.85	cps
Nickel	60-2	50505	51080	51475	51020	0.96	cps
Phosphorus	31-2	11891	11591	11908	11797	1.51	cps
Potassium	39-2	3466961	3428643	3433043	3442882	0.61	cps
Rhodium	103-1	9369626	9606817	9392470	9456305	1.38	cps
Rhodium	103-2	5104577	5130561	5183512	5139550	0.78	cps
Scandium	45-1	5641826	5631988	5711910	5661908	0.77	cps
Scandium	45-2	459272	457435	458872	458526	0.21	cps
Selenium	82-1	502	371	494	456	16.11	cps
Selenium	77-2	103	180	197	160	31.11	cps
Selenium	78-2	220	220	267	236	11.44	cps
Silicon	28-1	19376395	19462466	19690763	19509875	0.83	cps
Silver	107-1	2247	2234	2347	2276	2.72	cps
Silver	109-1	1970	2250	2114	2111	6.63	cps
Sodium	23-2	92254	93384	94608	93415	1.26	cps
Strontium	86-1	215585	220446	218490	218173	1.12	cps
Strontium	88-1	1901999	1919347	1937931	1919759	0.94	cps
Sulfur	34-1	106330	105108	104071	105170	1.07	cps
Terbium	159-1	15234062	15288740	15287651	15270151	0.20	cps
Terbium	159-2	9481990	9370493	9489895	9447460	0.71	cps
Thallium	203-1	2997	2810	2910	2906	3.22	cps
Thallium	205-1	6768	7142	7079	6996	2.86	cps
Tin	118-1	11671	12185	11651	11836	2.56	cps
Titanium	47-1	1286066	1312512	1308851	1302476	1.10	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-18	Instrumnet Name :	P7
Client Sample ID :	MYD4S3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:40:19	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35404	35858	36199	35820	1.11	cps
Vanadium	51-2	291634	291194	291838	291555	0.11	cps
Yttrium	89-1	12421537	12506275	12440985	12456266	0.36	cps
Yttrium	89-2	2856550	2815437	2800732	2824240	1.02	cps
Zinc	66-2	101884	101827	102951	102221	0.62	cps
Zirconium	90-1	177130	179645	181703	179493	1.28	cps
Zirconium	91-1	39523	40562	41067	40384	1.95	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-19	Instrumnet Name :	P7
Client Sample ID :	MYD4S4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:43:30	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8425348	8376459	8430972	8410926	0.36	cps
Antimony	121-1	3941	4041	3784	3922	3.30	cps
Arsenic	75-2	13743	12946	13246	13312	3.03	cps
Barium	135-1	930465	949848	948932	943082	1.16	cps
Barium	137-1	1679994	1724436	1748737	1717723	2.03	cps
Beryllium	9-1	2580	2440	2500	2507	2.80	cps
Bismuth	209-1	9088163	9049474	9212702	9116780	0.94	cps
Bismuth	209-2	6768458	6799072	6746002	6771177	0.39	cps
Bromine	81-1	10354	10350	10837	10514	2.67	cps
Bromine	81-2	660	597	780	679	13.72	cps
Cadmium	108-1	170	187	200	186	8.10	cps
Cadmium	106-1	3644	3430	3294	3456	5.11	cps
Cadmium	111-1	3298	3197	3056	3184	3.83	cps
Calcium	43-1	315876	321463	326586	321308	1.67	cps
Calcium	44-1	4761030	4792368	4835553	4796317	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	146880	147412	146177	146823	0.42	cps
Cobalt	59-2	154078	151475	152984	152845	0.86	cps
Copper	63-2	249818	248930	247225	248658	0.53	cps
Dysprosium	156-1	92535	94915	93673	93708	1.27	cps
Dysprosium	156-2	70194	69712	70144	70016	0.38	cps
Erbium	164-1	78790	79612	80868	79757	1.31	cps
Erbium	164-2	51488	51826	51842	51719	0.39	cps
Gadolinium	160-1	88742	90218	91023	89994	1.29	cps
Gadolinium	160-2	60704	61076	60952	60911	0.31	cps
Holmium	165-1	14817536	14907285	14828383	14851068	0.33	cps
Holmium	165-2	9534683	9530280	9632057	9565674	0.60	cps
Indium	115-1	10748337	10881108	10756237	10795227	0.69	cps
Indium	115-2	3349879	3343319	3348801	3347333	0.11	cps
Iron	56-2	200847377	200065897	199685510	200199595	0.30	cps
Iron	57-2	4940170	4964490	4823693	4909451	1.53	cps
Iron	54-2	10902016	10856255	10770622	10842964	0.62	cps
Krypton	83-1	183	157	197	179	11.39	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-19	Instrumnet Name :	P7
Client Sample ID :	MYD4S4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:43:30	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	175243	177894	179167	177434	1.13	cps
Lead	207-1	147618	151469	150486	149858	1.34	cps
Lead	208-1	677652	689360	693422	686811	1.19	cps
Lithium	6-1	2105205	2118361	2098005	2107190	0.49	cps
Magnesium	24-2	4522733	4467103	4483004	4490947	0.64	cps
Manganese	55-2	3973039	4039621	3952222	3988294	1.14	cps
Molybdenum	94-1	62392	63289	62666	62783	0.73	cps
Molybdenum	95-1	3460	3550	3704	3572	3.45	cps
Molybdenum	96-1	16519	16633	17013	16722	1.55	cps
Molybdenum	97-1	2140	2177	2074	2130	2.46	cps
Molybdenum	98-1	5588	5551	5691	5610	1.29	cps
Neodymium	150-1	155160	156086	158146	156464	0.98	cps
Neodymium	150-2	84742	83156	83093	83664	1.12	cps
Nickel	60-2	51371	51451	51862	51561	0.51	cps
Phosphorus	31-2	12522	12388	12435	12449	0.54	cps
Potassium	39-2	3706006	3746565	3721163	3724578	0.55	cps
Rhodium	103-1	9475510	9428174	9364293	9422659	0.59	cps
Rhodium	103-2	5202672	5185284	5203724	5197227	0.20	cps
Scandium	45-1	5632493	5612831	5636010	5627111	0.22	cps
Scandium	45-2	459902	462610	462381	461631	0.33	cps
Selenium	82-1	477	529	443	483	8.93	cps
Selenium	77-2	200	160	170	177	11.78	cps
Selenium	78-2	267	287	287	280	4.12	cps
Silicon	28-1	20160277	20311261	20482525	20318021	0.79	cps
Silver	107-1	1557	1663	1747	1656	5.75	cps
Silver	109-1	1443	1380	1613	1479	8.16	cps
Sodium	23-2	92795	92348	92613	92585	0.24	cps
Strontium	86-1	228546	231928	230851	230442	0.75	cps
Strontium	88-1	1970211	2029591	1986993	1995598	1.53	cps
Sulfur	34-1	105538	106212	106709	106153	0.55	cps
Terbium	159-1	15101909	15302635	15168549	15191031	0.67	cps
Terbium	159-2	9467044	9417492	9369854	9418130	0.52	cps
Thallium	203-1	3224	2894	2967	3028	5.72	cps
Thallium	205-1	7069	7299	7289	7219	1.80	cps
Tin	118-1	11982	11872	11878	11911	0.52	cps
Titanium	47-1	1218122	1233107	1242221	1231150	0.99	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-19	Instrumnet Name :	P7
Client Sample ID :	MYD4S4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:43:30	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35778	35751	37228	36253	2.33	cps
Vanadium	51-2	289969	293212	291125	291435	0.56	cps
Yttrium	89-1	12264532	12310520	12268950	12281334	0.21	cps
Yttrium	89-2	2855360	2829766	2869348	2851491	0.70	cps
Zinc	66-2	95956	95315	93949	95073	1.08	cps
Zirconium	90-1	160634	163434	163721	162597	1.05	cps
Zirconium	91-1	35894	36806	36425	36375	1.26	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-20	Instrumnet Name :	P7
Client Sample ID :	MYD4S5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:46:38	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5377830	5369019	5336676	5361175	0.40	cps
Antimony	121-1	8576	8793	8633	8667	1.30	cps
Arsenic	75-2	20674	19873	20217	20255	1.98	cps
Barium	135-1	613374	611851	617509	614245	0.48	cps
Barium	137-1	1062957	1064754	1068832	1065514	0.28	cps
Beryllium	9-1	1520	1453	1527	1500	2.70	cps
Bismuth	209-1	9000815	9043854	8936839	8993836	0.60	cps
Bismuth	209-2	6892497	6792059	6787001	6823852	0.87	cps
Bromine	81-1	7595	7429	7916	7646	3.24	cps
Bromine	81-2	157	207	147	170	18.91	cps
Cadmium	108-1	177	180	193	183	4.81	cps
Cadmium	106-1	3417	3424	3320	3387	1.71	cps
Cadmium	111-1	3022	2874	2839	2912	3.33	cps
Calcium	43-1	1055851	1067290	1065906	1063016	0.59	cps
Calcium	44-1	15895876	16086920	15924784	15969193	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108201	107305	108352	107953	0.52	cps
Cobalt	59-2	136399	135179	135831	135803	0.45	cps
Copper	63-2	217727	217335	216218	217093	0.36	cps
Dysprosium	156-1	68208	70000	69678	69295	1.38	cps
Dysprosium	156-2	51621	51561	51511	51564	0.11	cps
Erbium	164-1	61176	60748	61565	61163	0.67	cps
Erbium	164-2	39108	39041	38941	39030	0.22	cps
Gadolinium	160-1	66497	66637	67471	66869	0.79	cps
Gadolinium	160-2	44504	45156	44865	44842	0.73	cps
Holmium	165-1	14877985	14666157	14639621	14727921	0.89	cps
Holmium	165-2	9653179	9517374	9670717	9613757	0.87	cps
Indium	115-1	10901857	10830179	10912114	10881383	0.41	cps
Indium	115-2	3377678	3393588	3411353	3394207	0.50	cps
Iron	56-2	198241264	196233064	198248237	197574188	0.59	cps
Iron	57-2	4846249	4862703	4866460	4858470	0.22	cps
Iron	54-2	10654212	10635028	10673060	10654100	0.18	cps
Krypton	83-1	213	187	170	190	11.51	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-20	Instrumnet Name :	P7
Client Sample ID :	MYD4S5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:46:38	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	129779	128157	130532	129489	0.94	cps
Lead	207-1	106802	109574	109692	108689	1.50	cps
Lead	208-1	499463	497923	501536	499640	0.36	cps
Lithium	6-1	2124490	2073834	2075248	2091191	1.38	cps
Magnesium	24-2	3928742	3920557	3943498	3930932	0.30	cps
Manganese	55-2	4060669	4071426	4057419	4063172	0.18	cps
Molybdenum	94-1	50995	52437	52905	52112	1.91	cps
Molybdenum	95-1	5084	5198	5114	5132	1.14	cps
Molybdenum	96-1	16072	16359	16419	16284	1.14	cps
Molybdenum	97-1	3044	3110	3044	3066	1.26	cps
Molybdenum	98-1	7952	7859	8126	7979	1.70	cps
Neodymium	150-1	114117	114312	115646	114692	0.73	cps
Neodymium	150-2	62042	61724	61640	61802	0.34	cps
Nickel	60-2	38386	37961	37129	37825	1.69	cps
Phosphorus	31-2	18922	18308	19065	18765	2.14	cps
Potassium	39-2	1145375	1142597	1141788	1143253	0.16	cps
Rhodium	103-1	9559884	9440157	9439684	9479908	0.73	cps
Rhodium	103-2	5159265	5140685	5204251	5168067	0.63	cps
Scandium	45-1	5647768	5640789	5596337	5628298	0.50	cps
Scandium	45-2	455282	459104	454032	456139	0.58	cps
Selenium	82-1	435	422	451	436	3.33	cps
Selenium	77-2	117	140	160	139	15.61	cps
Selenium	78-2	227	227	287	247	14.04	cps
Silicon	28-1	14797280	15011991	15003459	14937577	0.81	cps
Silver	107-1	820	1023	967	937	11.20	cps
Silver	109-1	900	830	877	869	4.10	cps
Sodium	23-2	126736	127338	126699	126924	0.28	cps
Strontium	86-1	185864	185971	186717	186184	0.25	cps
Strontium	88-1	1611028	1616158	1647067	1624751	1.20	cps
Sulfur	34-1	116446	118455	119066	117989	1.16	cps
Terbium	159-1	15308907	15097609	15052113	15152876	0.90	cps
Terbium	159-2	9352824	9334666	9377797	9355096	0.23	cps
Thallium	203-1	1593	1727	1657	1659	4.02	cps
Thallium	205-1	3881	3787	4027	3898	3.10	cps
Tin	118-1	8890	8749	8696	8778	1.14	cps
Titanium	47-1	1003815	1009835	1010195	1007948	0.36	cps

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LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-20	Instrumnet Name :	P7
Client Sample ID :	MYD4S5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:46:38	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19241	19171	18867	19093	1.04	cps
Vanadium	51-2	370489	368827	367601	368972	0.39	cps
Yttrium	89-1	12157444	12055916	11988703	12067354	0.70	cps
Yttrium	89-2	2789875	2803308	2820865	2804683	0.55	cps
Zinc	66-2	72622	72528	71651	72267	0.74	cps
Zirconium	90-1	133029	133322	134641	133664	0.64	cps
Zirconium	91-1	29393	29546	30365	29768	1.76	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-21	Instrumnet Name :	P7
Client Sample ID :	MYD4S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:49:50	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7647950	7645254	7624909	7639371	0.16	cps
Antimony	121-1	9396	9583	9823	9601	2.23	cps
Arsenic	75-2	31189	30952	30632	30924	0.91	cps
Barium	135-1	629287	637975	641952	636404	1.02	cps
Barium	137-1	1091513	1107060	1121109	1106561	1.34	cps
Beryllium	9-1	1803	1910	1913	1876	3.34	cps
Bismuth	209-1	9047975	9110890	9133638	9097501	0.49	cps
Bismuth	209-2	6756928	6896868	6782901	6812232	1.09	cps
Bromine	81-1	8416	8583	8219	8406	2.17	cps
Bromine	81-2	267	260	277	268	3.13	cps
Cadmium	108-1	340	317	230	296	19.61	cps
Cadmium	106-1	3544	3324	3450	3439	3.21	cps
Cadmium	111-1	4219	4102	4228	4183	1.68	cps
Calcium	43-1	322712	325590	327459	325254	0.74	cps
Calcium	44-1	4799379	4871174	4881899	4850817	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118910	117825	117937	118224	0.50	cps
Cobalt	59-2	139612	142000	138417	140010	1.30	cps
Copper	63-2	355572	357357	354270	355733	0.44	cps
Dysprosium	156-1	68881	70225	70606	69904	1.30	cps
Dysprosium	156-2	52842	53150	52829	52940	0.34	cps
Erbium	164-1	63460	64220	64494	64058	0.84	cps
Erbium	164-2	41361	41221	41384	41322	0.21	cps
Gadolinium	160-1	68325	69334	70295	69318	1.42	cps
Gadolinium	160-2	47898	46962	46112	46991	1.90	cps
Holmium	165-1	14777046	14927282	14838715	14847681	0.51	cps
Holmium	165-2	9660366	9748589	9704268	9704408	0.45	cps
Indium	115-1	10875208	10929034	11020963	10941735	0.67	cps
Indium	115-2	3393906	3471332	3391959	3419065	1.32	cps
Iron	56-2	221959490	221798783	219079510	220945928	0.73	cps
Iron	57-2	5485861	5474913	5426043	5462272	0.58	cps
Iron	54-2	12004959	12051054	11878964	11978326	0.74	cps
Krypton	83-1	173	157	207	179	14.23	cps

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LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-21	Instrumnet Name :	P7
Client Sample ID :	MYD4S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:49:50	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	361506	373568	373596	369557	1.89	cps
Lead	207-1	327178	335739	336191	333036	1.52	cps
Lead	208-1	1460652	1495659	1506222	1487511	1.60	cps
Lithium	6-1	2099483	2121501	2130029	2117004	0.74	cps
Magnesium	24-2	4175663	4182157	4167218	4175013	0.18	cps
Manganese	55-2	2959295	2937179	2955024	2950499	0.40	cps
Molybdenum	94-1	43441	44785	43708	43978	1.62	cps
Molybdenum	95-1	3137	3137	3200	3158	1.16	cps
Molybdenum	96-1	13923	13867	14057	13949	0.70	cps
Molybdenum	97-1	1897	1950	2237	2028	9.02	cps
Molybdenum	98-1	4864	5154	5228	5082	3.78	cps
Neodymium	150-1	115542	118677	121854	118691	2.66	cps
Neodymium	150-2	64965	63733	63844	64181	1.06	cps
Nickel	60-2	40424	39729	39876	40010	0.92	cps
Phosphorus	31-2	13479	13446	12962	13296	2.18	cps
Potassium	39-2	1503536	1521968	1480864	1502122	1.37	cps
Rhodium	103-1	9571534	9542796	9615116	9576482	0.38	cps
Rhodium	103-2	5242200	5342102	5217760	5267354	1.25	cps
Scandium	45-1	5743484	5736967	5725784	5735412	0.16	cps
Scandium	45-2	467689	471197	468927	469271	0.38	cps
Selenium	82-1	508	612	479	533	13.20	cps
Selenium	77-2	183	170	113	156	23.89	cps
Selenium	78-2	297	280	250	276	8.58	cps
Silicon	28-1	15516621	15550285	15693564	15586823	0.60	cps
Silver	107-1	3807	3731	4274	3937	7.47	cps
Silver	109-1	3470	3814	3701	3662	4.78	cps
Sodium	23-2	93226	94474	94179	93960	0.69	cps
Strontium	86-1	180357	182900	183794	182350	0.98	cps
Strontium	88-1	1584430	1614786	1591716	1596977	0.99	cps
Sulfur	34-1	113014	110456	108025	110498	2.26	cps
Terbium	159-1	15233404	15269156	15237235	15246598	0.13	cps
Terbium	159-2	9407089	9458557	9563408	9476351	0.84	cps
Thallium	203-1	1620	1647	1667	1645	1.42	cps
Thallium	205-1	3621	4341	3921	3961	9.13	cps
Tin	118-1	10517	10514	11048	10693	2.87	cps
Titanium	47-1	1001299	1009309	1014715	1008441	0.67	cps

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LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-21	Instrumnet Name :	P7
Client Sample ID :	MYD4S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:49:50	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20265	20516	21277	20686	2.55	cps
Vanadium	51-2	388009	385380	384987	386125	0.43	cps
Yttrium	89-1	12239704	12379983	12244807	12288165	0.65	cps
Yttrium	89-2	2843672	2847389	2837787	2842949	0.17	cps
Zinc	66-2	125804	124090	122927	124274	1.16	cps
Zirconium	90-1	112292	114643	115174	114036	1.34	cps
Zirconium	91-1	25272	25799	26067	25713	1.57	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-22	Instrumnet Name :	P7
Client Sample ID :	MYD4S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:52:59	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6519427	6496317	6469980	6495241	0.38	cps
Antimony	121-1	15385	15025	15358	15256	1.32	cps
Arsenic	75-2	53282	52636	52118	52679	1.11	cps
Barium	135-1	583946	587086	590771	587268	0.58	cps
Barium	137-1	1010427	1022634	1021492	1018184	0.66	cps
Beryllium	9-1	1923	1753	1963	1880	5.93	cps
Bismuth	209-1	9032304	9049494	9033657	9038485	0.11	cps
Bismuth	209-2	6851081	6960740	6827481	6879767	1.03	cps
Bromine	81-1	7862	7795	7939	7865	0.91	cps
Bromine	81-2	243	273	243	253	6.84	cps
Cadmium	108-1	430	403	403	412	3.74	cps
Cadmium	106-1	3557	3537	3647	3580	1.64	cps
Cadmium	111-1	5963	5854	5748	5855	1.84	cps
Calcium	43-1	295699	295308	300867	297291	1.04	cps
Calcium	44-1	4433393	4412050	4482805	4442750	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121430	120268	120285	120661	0.55	cps
Cobalt	59-2	152408	149950	152008	151455	0.87	cps
Copper	63-2	518003	518977	519757	518913	0.17	cps
Dysprosium	156-1	61407	62411	63275	62364	1.50	cps
Dysprosium	156-2	46938	47206	46948	47031	0.32	cps
Erbium	164-1	56316	56507	57146	56656	0.77	cps
Erbium	164-2	36655	36641	36494	36597	0.24	cps
Gadolinium	160-1	60584	61641	61025	61084	0.87	cps
Gadolinium	160-2	41374	41578	40836	41263	0.93	cps
Holmium	165-1	14745096	14664041	15012112	14807083	1.23	cps
Holmium	165-2	9662024	9721749	9616483	9666752	0.55	cps
Indium	115-1	10847147	10726587	10886154	10819963	0.77	cps
Indium	115-2	3427556	3383563	3319861	3376994	1.60	cps
Iron	56-2	233052410	232066543	233206217	232775057	0.27	cps
Iron	57-2	5844217	5733045	5742430	5773230	1.07	cps
Iron	54-2	12604472	12612003	12602175	12606217	0.04	cps
Krypton	83-1	153	153	177	161	8.36	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-22	Instrumnet Name :	P7
Client Sample ID :	MYD4S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:52:59	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	709713	719652	732476	720613	1.58	cps
Lead	207-1	655367	665570	674174	665037	1.42	cps
Lead	208-1	2912282	2941707	2987579	2947189	1.29	cps
Lithium	6-1	2126483	2105805	2136500	2122929	0.74	cps
Magnesium	24-2	3657733	3622195	3646412	3642113	0.50	cps
Manganese	55-2	3209434	3231861	3224354	3221883	0.35	cps
Molybdenum	94-1	57057	58018	59380	58151	2.01	cps
Molybdenum	95-1	4667	4524	4587	4593	1.56	cps
Molybdenum	96-1	17557	18475	18385	18139	2.79	cps
Molybdenum	97-1	2947	2790	2857	2865	2.75	cps
Molybdenum	98-1	7322	7212	7392	7309	1.24	cps
Neodymium	150-1	103368	102291	104326	103328	0.99	cps
Neodymium	150-2	55951	55043	54428	55141	1.39	cps
Nickel	60-2	38342	37941	38356	38213	0.62	cps
Phosphorus	31-2	14620	15081	15451	15051	2.77	cps
Potassium	39-2	1606616	1599838	1599941	1602132	0.24	cps
Rhodium	103-1	9538672	9522900	9581991	9547854	0.32	cps
Rhodium	103-2	5202057	5198671	5210707	5203812	0.12	cps
Scandium	45-1	5633151	5624827	5678010	5645330	0.51	cps
Scandium	45-2	467138	456337	458050	460508	1.26	cps
Selenium	82-1	560	564	512	545	5.29	cps
Selenium	77-2	123	103	123	117	9.90	cps
Selenium	78-2	270	227	253	250	8.74	cps
Silicon	28-1	15902236	15931660	16095044	15976313	0.65	cps
Silver	107-1	6435	6775	6955	6722	3.93	cps
Silver	109-1	6421	6268	6305	6331	1.27	cps
Sodium	23-2	97919	97848	98512	98093	0.37	cps
Strontium	86-1	186566	190083	190522	189057	1.15	cps
Strontium	88-1	1655161	1664642	1647616	1655806	0.52	cps
Sulfur	34-1	112430	111584	110445	111486	0.89	cps
Terbium	159-1	15159498	15181373	15118902	15153258	0.21	cps
Terbium	159-2	9572346	9437151	9396780	9468759	0.97	cps
Thallium	203-1	2010	1950	2104	2021	3.82	cps
Thallium	205-1	5128	5361	4858	5115	4.93	cps
Tin	118-1	12886	12742	12609	12746	1.09	cps
Titanium	47-1	1494960	1519748	1530998	1515235	1.22	cps

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LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-22	Instrumnet Name :	P7
Client Sample ID :	MYD4S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:52:59	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21684	21571	22325	21860	1.86	cps
Vanadium	51-2	476198	474817	471610	474208	0.50	cps
Yttrium	89-1	12110397	11999104	12112826	12074109	0.54	cps
Yttrium	89-2	2806096	2783061	2766629	2785262	0.71	cps
Zinc	66-2	204865	203267	201925	203352	0.72	cps
Zirconium	90-1	149606	150825	152694	151042	1.03	cps
Zirconium	91-1	33575	33892	34240	33902	0.98	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-01	Instrumnet Name :	P7
Client Sample ID :	MYD5A9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:56:09	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7633434	7702082	7638104	7657873	0.50	cps
Antimony	121-1	11475	10797	11051	11108	3.08	cps
Arsenic	75-2	137627	137974	137708	137770	0.13	cps
Barium	135-1	971086	983949	992090	982375	1.08	cps
Barium	137-1	1741208	1775754	1801624	1772862	1.71	cps
Beryllium	9-1	2027	2097	2103	2076	2.05	cps
Bismuth	209-1	9040878	8944914	9014780	9000191	0.55	cps
Bismuth	209-2	6858074	6858116	6647457	6787882	1.79	cps
Bromine	81-1	9787	9747	9957	9830	1.14	cps
Bromine	81-2	543	610	543	566	6.81	cps
Cadmium	108-1	367	350	317	344	7.39	cps
Cadmium	106-1	3931	3747	3797	3825	2.48	cps
Cadmium	111-1	3411	3275	3326	3338	2.07	cps
Calcium	43-1	407256	413499	415032	411929	1.00	cps
Calcium	44-1	6076628	6224027	6240493	6180383	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	463802	458530	458417	460250	0.67	cps
Cobalt	59-2	290601	290572	293272	291482	0.53	cps
Copper	63-2	510542	507966	513690	510733	0.56	cps
Dysprosium	156-1	72740	73739	74653	73711	1.30	cps
Dysprosium	156-2	55389	54860	55901	55383	0.94	cps
Erbium	164-1	59469	60089	61374	60310	1.61	cps
Erbium	164-2	39676	38787	39308	39257	1.14	cps
Gadolinium	160-1	66999	68459	68902	68120	1.46	cps
Gadolinium	160-2	47045	46420	45801	46422	1.34	cps
Holmium	165-1	14782098	14843539	14945373	14857003	0.56	cps
Holmium	165-2	9753279	9710006	9425090	9629458	1.85	cps
Indium	115-1	10853466	10994998	10947093	10931852	0.66	cps
Indium	115-2	3415019	3403296	3303669	3373995	1.81	cps
Iron	56-2	336646622	330603928	334152502	333801017	0.91	cps
Iron	57-2	8331575	8193968	8164772	8230105	1.08	cps
Iron	54-2	18125924	17857080	17925599	17969534	0.78	cps
Krypton	83-1	140	197	233	190	24.75	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-01	Instrumnet Name :	P7
Client Sample ID :	MYD5A9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:56:09	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	133562	134780	135429	134590	0.70	cps
Lead	207-1	113465	114467	116820	114917	1.50	cps
Lead	208-1	519264	525633	531184	525360	1.14	cps
Lithium	6-1	2066248	2113947	2128282	2102826	1.54	cps
Magnesium	24-2	6286984	6286749	6268817	6280850	0.17	cps
Manganese	55-2	6820079	6737943	6707856	6755293	0.86	cps
Molybdenum	94-1	79159	80118	80805	80027	1.03	cps
Molybdenum	95-1	5508	5224	5528	5420	3.13	cps
Molybdenum	96-1	22501	23636	23572	23236	2.74	cps
Molybdenum	97-1	3177	3354	3344	3292	3.02	cps
Molybdenum	98-1	7939	8479	8453	8290	3.67	cps
Neodymium	150-1	125472	126384	128741	126866	1.33	cps
Neodymium	150-2	67638	67946	67601	67728	0.28	cps
Nickel	60-2	158935	157372	156517	157608	0.78	cps
Phosphorus	31-2	16396	15958	15878	16077	1.73	cps
Potassium	39-2	1823472	1818333	1813038	1818281	0.29	cps
Rhodium	103-1	9507074	9648434	9539058	9564855	0.77	cps
Rhodium	103-2	5343681	5253096	5059030	5218602	2.79	cps
Scandium	45-1	5907447	5875370	5831744	5871520	0.65	cps
Scandium	45-2	485986	479304	469056	478115	1.78	cps
Selenium	82-1	525	442	426	464	11.52	cps
Selenium	77-2	133	110	150	131	15.32	cps
Selenium	78-2	220	250	250	240	7.22	cps
Silicon	28-1	16777295	17296643	17057760	17043899	1.53	cps
Silver	107-1	1510	1387	1473	1457	4.35	cps
Silver	109-1	1303	1300	1313	1306	0.53	cps
Sodium	23-2	97959	96463	97902	97441	0.87	cps
Strontium	86-1	194089	196799	196945	195944	0.82	cps
Strontium	88-1	1684894	1719134	1717303	1707111	1.13	cps
Sulfur	34-1	109653	110428	110616	110233	0.46	cps
Terbium	159-1	15183382	15199512	15304062	15228985	0.43	cps
Terbium	159-2	9696837	9591066	9189069	9492324	2.82	cps
Thallium	203-1	2454	2504	2510	2489	1.24	cps
Thallium	205-1	6051	6008	6025	6028	0.36	cps
Tin	118-1	14808	15085	15305	15066	1.65	cps
Titanium	47-1	672934	681745	683594	679424	0.84	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-01	Instrumnet Name :	P7
Client Sample ID :	MYD5A9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:56:09	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24940	24736	25451	25042	1.47	cps
Vanadium	51-2	728539	720609	729061	726070	0.65	cps
Yttrium	89-1	12160200	12122509	12069186	12117298	0.38	cps
Yttrium	89-2	2820686	2820800	2756717	2799401	1.32	cps
Zinc	66-2	103606	103052	102676	103111	0.45	cps
Zirconium	90-1	201685	208701	208127	206171	1.89	cps
Zirconium	91-1	46169	46878	46841	46629	0.86	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-02	Instrumnet Name :	P7
Client Sample ID :	MYD5B0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:59:17	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8524119	8532099	8488998	8515072	0.27	cps
Antimony	121-1	12035	11782	11928	11915	1.07	cps
Arsenic	75-2	136779	137833	136436	137016	0.53	cps
Barium	135-1	639607	642121	642438	641389	0.24	cps
Barium	137-1	1103682	1117945	1116299	1112642	0.70	cps
Beryllium	9-1	1210	1200	1253	1221	2.32	cps
Bismuth	209-1	8839939	8945663	8968702	8918101	0.77	cps
Bismuth	209-2	6810769	6738988	6686167	6745308	0.93	cps
Bromine	81-1	8069	7949	7845	7954	1.41	cps
Bromine	81-2	167	237	177	193	19.58	cps
Cadmium	108-1	283	387	340	337	15.37	cps
Cadmium	106-1	3427	3580	3500	3503	2.19	cps
Cadmium	111-1	5341	5149	5343	5278	2.11	cps
Calcium	43-1	119022	118840	118467	118776	0.24	cps
Calcium	44-1	1797158	1783709	1768103	1782990	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	637912	633452	634718	635361	0.36	cps
Cobalt	59-2	269836	269654	270815	270102	0.23	cps
Copper	63-2	658736	660838	654966	658180	0.45	cps
Dysprosium	156-1	45841	46838	47898	46859	2.19	cps
Dysprosium	156-2	34061	34947	34051	34353	1.50	cps
Erbium	164-1	41428	41515	42106	41683	0.89	cps
Erbium	164-2	27303	27430	26946	27227	0.92	cps
Gadolinium	160-1	45664	46905	46942	46504	1.56	cps
Gadolinium	160-2	31956	30921	31412	31430	1.65	cps
Holmium	165-1	14836923	14700127	14948251	14828434	0.84	cps
Holmium	165-2	9705888	9546388	9353947	9535408	1.85	cps
Indium	115-1	10784981	10751680	10862135	10799599	0.52	cps
Indium	115-2	3353038	3365719	3282882	3333880	1.34	cps
Iron	56-2	339697235	345920715	344072248	343230066	0.93	cps
Iron	57-2	8484915	8381902	8515077	8460631	0.83	cps
Iron	54-2	18329839	18571543	18554840	18485407	0.73	cps
Krypton	83-1	137	187	210	178	21.07	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-02	Instrumnet Name :	P7
Client Sample ID :	MYD5B0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:59:17	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	342449	346502	348245	345732	0.86	cps
Lead	207-1	302803	305516	307608	305309	0.79	cps
Lead	208-1	1367675	1383840	1383583	1378366	0.67	cps
Lithium	6-1	2093473	2079727	2147525	2106908	1.70	cps
Magnesium	24-2	9363309	9295719	9376322	9345117	0.46	cps
Manganese	55-2	4273679	4348155	4312790	4311541	0.86	cps
Molybdenum	94-1	32573	32586	31958	32372	1.11	cps
Molybdenum	95-1	6031	5995	5978	6001	0.46	cps
Molybdenum	96-1	16072	16650	16543	16422	1.87	cps
Molybdenum	97-1	3644	3550	3580	3592	1.33	cps
Molybdenum	98-1	9310	9870	9520	9567	2.96	cps
Neodymium	150-1	74264	74961	75380	74868	0.75	cps
Neodymium	150-2	40598	40164	39595	40119	1.25	cps
Nickel	60-2	129678	129749	130391	129939	0.30	cps
Phosphorus	31-2	14687	14213	14307	14402	1.74	cps
Potassium	39-2	2459990	2439434	2417313	2438912	0.88	cps
Rhodium	103-1	9437403	9485230	9389856	9437496	0.51	cps
Rhodium	103-2	5228059	5141176	5123842	5164359	1.08	cps
Scandium	45-1	5776641	5793191	5802847	5790893	0.23	cps
Scandium	45-2	471678	469194	458760	466544	1.47	cps
Selenium	82-1	439	478	427	448	5.91	cps
Selenium	77-2	103	103	123	110	10.50	cps
Selenium	78-2	213	203	187	201	6.70	cps
Silicon	28-1	14805919	15004673	14785841	14865478	0.81	cps
Silver	107-1	3040	3144	3177	3120	2.28	cps
Silver	109-1	2750	2954	3007	2904	4.67	cps
Sodium	23-2	54355	53563	54650	54189	1.04	cps
Strontium	86-1	92260	93125	93108	92831	0.53	cps
Strontium	88-1	806713	809070	813444	809742	0.42	cps
Sulfur	34-1	107736	108559	109049	108448	0.61	cps
Terbium	159-1	15047043	15086436	15365312	15166264	1.14	cps
Terbium	159-2	9547034	9454069	9209874	9403659	1.85	cps
Thallium	203-1	1347	1587	1530	1488	8.43	cps
Thallium	205-1	3654	3564	3477	3565	2.48	cps
Tin	118-1	18388	18779	18425	18531	1.16	cps
Titanium	47-1	333283	337273	336301	335619	0.62	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-02	Instrumnet Name :	P7
Client Sample ID :	MYD5B0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 18:59:17	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17058	17969	18203	17743	3.41	cps
Vanadium	51-2	802537	804817	801527	802961	0.21	cps
Yttrium	89-1	11787096	11781879	11824085	11797687	0.20	cps
Yttrium	89-2	2709963	2730308	2674001	2704757	1.05	cps
Zinc	66-2	146930	147321	145281	146511	0.74	cps
Zirconium	90-1	77922	77175	77476	77524	0.48	cps
Zirconium	91-1	17300	17871	17597	17590	1.62	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-03	Instrumnet Name :	P7
Client Sample ID :	MYD5B1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:02:28	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5190637	5154318	5130336	5158430	0.59	cps
Antimony	121-1	19997	20491	20622	20370	1.62	cps
Arsenic	75-2	244254	245410	243867	244511	0.33	cps
Barium	135-1	696866	704549	710990	704135	1.00	cps
Barium	137-1	1211474	1230216	1236823	1226171	1.07	cps
Beryllium	9-1	1520	1527	1520	1522	0.25	cps
Bismuth	209-1	9064292	9182816	8972345	9073151	1.16	cps
Bismuth	209-2	6779821	6772225	6805732	6785926	0.26	cps
Bromine	81-1	8459	8649	8699	8603	1.47	cps
Bromine	81-2	333	360	400	364	9.21	cps
Cadmium	108-1	240	277	240	252	8.39	cps
Cadmium	106-1	3414	3404	3407	3408	0.15	cps
Cadmium	111-1	3132	3069	3114	3105	1.04	cps
Calcium	43-1	476184	479435	485913	480511	1.03	cps
Calcium	44-1	7055579	7212124	7180245	7149316	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494611	496792	494098	495167	0.29	cps
Cobalt	59-2	287625	285834	287319	286926	0.33	cps
Copper	63-2	512042	511469	507922	510478	0.44	cps
Dysprosium	156-1	63687	64470	66121	64759	1.92	cps
Dysprosium	156-2	47915	48520	47363	47932	1.21	cps
Erbium	164-1	57123	56895	57745	57254	0.77	cps
Erbium	164-2	37193	36858	37493	37182	0.85	cps
Gadolinium	160-1	63262	64605	63798	63888	1.06	cps
Gadolinium	160-2	43150	42698	42581	42810	0.70	cps
Holmium	165-1	14820701	14925471	14609273	14785148	1.09	cps
Holmium	165-2	9624032	9586497	9494937	9568489	0.69	cps
Indium	115-1	10862739	10900006	10869173	10877306	0.18	cps
Indium	115-2	3448283	3357292	3373752	3393109	1.43	cps
Iron	56-2	329026402	327416648	326457888	327633646	0.40	cps
Iron	57-2	8150404	8108818	8064902	8108041	0.53	cps
Iron	54-2	17787313	17695503	17569189	17684002	0.62	cps
Krypton	83-1	153	153	147	151	2.55	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-03	Instrumnet Name :	P7
Client Sample ID :	MYD5B1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:02:28	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	124790	128032	128211	127011	1.52	cps
Lead	207-1	106819	109033	107534	107796	1.05	cps
Lead	208-1	486768	496934	494813	492838	1.09	cps
Lithium	6-1	2102108	2115972	2099183	2105755	0.43	cps
Magnesium	24-2	4122662	4102622	4085496	4103593	0.45	cps
Manganese	55-2	6289450	6273432	6281542	6281474	0.13	cps
Molybdenum	94-1	59350	59939	60906	60065	1.31	cps
Molybdenum	95-1	7082	7585	7192	7286	3.63	cps
Molybdenum	96-1	21686	22340	22013	22013	1.49	cps
Molybdenum	97-1	4611	4487	4831	4643	3.75	cps
Molybdenum	98-1	11298	11872	11995	11721	3.17	cps
Neodymium	150-1	102063	104778	105252	104031	1.65	cps
Neodymium	150-2	57119	56482	55566	56389	1.38	cps
Nickel	60-2	159743	158740	158517	159000	0.41	cps
Phosphorus	31-2	19175	18755	19059	18996	1.14	cps
Potassium	39-2	1065119	1063387	1059245	1062583	0.28	cps
Rhodium	103-1	9445860	9558270	9510600	9504910	0.59	cps
Rhodium	103-2	5220269	5244253	5249587	5238036	0.30	cps
Scandium	45-1	5802595	5784349	5769760	5785568	0.28	cps
Scandium	45-2	474035	474181	472013	473410	0.26	cps
Selenium	82-1	541	490	534	521	5.27	cps
Selenium	77-2	187	107	140	144	27.82	cps
Selenium	78-2	200	287	223	237	18.95	cps
Silicon	28-1	13773582	14102749	14038303	13971545	1.25	cps
Silver	107-1	1083	1033	950	1022	6.59	cps
Silver	109-1	837	813	953	868	8.64	cps
Sodium	23-2	175645	176711	176388	176248	0.31	cps
Strontium	86-1	182648	183254	188503	184802	1.74	cps
Strontium	88-1	1614027	1600088	1601637	1605251	0.48	cps
Sulfur	34-1	111140	111852	112114	111702	0.45	cps
Terbium	159-1	15319196	15418001	15091732	15276310	1.10	cps
Terbium	159-2	9458031	9472752	9294465	9408416	1.05	cps
Thallium	203-1	1757	1863	1897	1839	3.98	cps
Thallium	205-1	4371	4481	4484	4445	1.45	cps
Tin	118-1	14050	14511	14748	14436	2.46	cps
Titanium	47-1	461714	468963	470698	467125	1.02	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-03	Instrumnet Name :	P7
Client Sample ID :	MYD5B1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:02:28	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29142	29215	29656	29338	0.95	cps
Vanadium	51-2	749044	749040	750593	749559	0.12	cps
Yttrium	89-1	11962799	11982312	11947361	11964157	0.15	cps
Yttrium	89-2	2772253	2790299	2815893	2792815	0.79	cps
Zinc	66-2	95559	94758	94235	94851	0.70	cps
Zirconium	90-1	147755	150144	152482	150127	1.57	cps
Zirconium	91-1	33428	33806	34260	33831	1.23	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-04	Instrumnet Name :	P7
Client Sample ID :	MYD5B2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:05:37	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4736014	4761534	4728442	4741996	0.37	cps
Antimony	121-1	7862	7755	7642	7753	1.42	cps
Arsenic	75-2	13219	13496	13119	13278	1.47	cps
Barium	135-1	570211	574103	583889	576068	1.22	cps
Barium	137-1	989446	999561	1004190	997732	0.76	cps
Beryllium	9-1	1277	1297	1463	1346	7.62	cps
Bismuth	209-1	8590777	8819189	8822290	8744085	1.52	cps
Bismuth	209-2	6678675	6739550	6616468	6678231	0.92	cps
Bromine	81-1	7115	7195	7375	7229	1.84	cps
Bromine	81-2	103	107	130	113	12.82	cps
Cadmium	108-1	370	283	297	317	14.74	cps
Cadmium	106-1	3827	3797	3627	3751	2.88	cps
Cadmium	111-1	2947	2990	2791	2909	3.59	cps
Calcium	43-1	1226338	1257068	1261222	1248209	1.53	cps
Calcium	44-1	20059771	20223718	20227014	20170168	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	178310	178357	177929	178198	0.13	cps
Cobalt	59-2	116890	117307	118896	117698	0.90	cps
Copper	63-2	187255	187890	188180	187775	0.25	cps
Dysprosium	156-1	58293	58401	59177	58624	0.82	cps
Dysprosium	156-2	44340	45075	44818	44744	0.83	cps
Erbium	164-1	50032	50046	50467	50182	0.49	cps
Erbium	164-2	32220	32705	32421	32449	0.75	cps
Gadolinium	160-1	54890	56496	56189	55858	1.53	cps
Gadolinium	160-2	38820	38235	37918	38325	1.19	cps
Holmium	165-1	14458446	14482771	14398760	14446659	0.30	cps
Holmium	165-2	9458317	9457459	9390243	9435340	0.41	cps
Indium	115-1	10484344	10538237	10441922	10488168	0.46	cps
Indium	115-2	3290432	3298443	3302047	3296974	0.18	cps
Iron	56-2	160198468	160109121	160455618	160254402	0.11	cps
Iron	57-2	3969451	3987392	3989784	3982209	0.28	cps
Iron	54-2	8688357	8634306	8659787	8660817	0.31	cps
Krypton	83-1	157	167	153	159	4.37	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-04	Instrumnet Name :	P7
Client Sample ID :	MYD5B2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:05:37	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	91273	91086	92623	91661	0.91	cps
Lead	207-1	72964	73092	73551	73202	0.42	cps
Lead	208-1	339381	342211	345835	342476	0.94	cps
Lithium	6-1	2011489	2006571	1998086	2005382	0.34	cps
Magnesium	24-2	4005466	3984359	3994067	3994631	0.26	cps
Manganese	55-2	2734414	2709620	2693756	2712597	0.76	cps
Molybdenum	94-1	106953	109985	110046	108995	1.62	cps
Molybdenum	95-1	3254	3220	3270	3248	0.78	cps
Molybdenum	96-1	23813	23966	24003	23927	0.42	cps
Molybdenum	97-1	1987	2090	1920	1999	4.29	cps
Molybdenum	98-1	4908	5351	5161	5140	4.33	cps
Neodymium	150-1	104974	106011	106619	105868	0.79	cps
Neodymium	150-2	57563	57041	57510	57372	0.50	cps
Nickel	60-2	58654	59340	57781	58592	1.33	cps
Phosphorus	31-2	14700	14791	14344	14612	1.62	cps
Potassium	39-2	993588	995685	993127	994133	0.14	cps
Rhodium	103-1	9169455	9104662	9134874	9136331	0.35	cps
Rhodium	103-2	5132737	5095928	5129912	5119526	0.40	cps
Scandium	45-1	5356613	5366185	5399160	5373986	0.42	cps
Scandium	45-2	440123	440629	440097	440283	0.07	cps
Selenium	82-1	450	438	438	442	1.48	cps
Selenium	77-2	110	80	120	103	20.15	cps
Selenium	78-2	240	243	220	234	5.38	cps
Silicon	28-1	10563103	10602819	10616058	10593994	0.26	cps
Silver	107-1	750	837	963	850	12.62	cps
Silver	109-1	570	597	677	614	9.03	cps
Sodium	23-2	176910	177331	178521	177587	0.47	cps
Strontium	86-1	291411	293685	298116	294404	1.16	cps
Strontium	88-1	2574962	2570249	2612438	2585883	0.89	cps
Sulfur	34-1	115550	117514	117474	116846	0.96	cps
Terbium	159-1	14673812	14872022	14835614	14793816	0.71	cps
Terbium	159-2	9319213	9093570	9355584	9256122	1.53	cps
Thallium	203-1	1333	1197	1307	1279	5.66	cps
Thallium	205-1	2920	3054	3124	3033	3.41	cps
Tin	118-1	15939	16086	16333	16119	1.23	cps
Titanium	47-1	959756	971327	975450	968844	0.84	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-04	Instrumnet Name :	P7
Client Sample ID :	MYD5B2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:05:37	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19575	19958	19768	19767	0.97	cps
Vanadium	51-2	320568	320883	321272	320908	0.11	cps
Yttrium	89-1	11616837	11578446	11561867	11585717	0.24	cps
Yttrium	89-2	2697818	2682494	2686521	2688944	0.30	cps
Zinc	66-2	56476	55921	55710	56036	0.71	cps
Zirconium	90-1	285917	289289	291882	289029	1.03	cps
Zirconium	91-1	64035	65100	65465	64867	1.14	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05	Instrumnet Name :	P7
Client Sample ID :	MYD5B3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:08:49	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9441455	9320731	9196562	9319583	1.31	cps
Antimony	121-1	17968	17811	18248	18009	1.23	cps
Arsenic	75-2	145296	145892	143223	144804	0.97	cps
Barium	135-1	932807	933573	939392	935257	0.39	cps
Barium	137-1	1699696	1703045	1690352	1697698	0.39	cps
Beryllium	9-1	1847	1847	1847	1847	0.00	cps
Bismuth	209-1	8818939	8957027	8913363	8896443	0.79	cps
Bismuth	209-2	6711058	5571851	7349362	6544090	13.76	cps
Bromine	81-1	9133	9386	9527	9349	2.13	cps
Bromine	81-2	437	467	447	450	3.39	cps
Cadmium	108-1	237	277	290	268	10.37	cps
Cadmium	106-1	3711	3500	3240	3484	6.76	cps
Cadmium	111-1	4095	3943	3919	3986	2.40	cps
Calcium	43-1	224567	225811	227746	226041	0.71	cps
Calcium	44-1	3349781	3415754	3386928	3384155	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	824887	830125	806414	820475	1.52	cps
Cobalt	59-2	375546	378440	369903	374630	1.16	cps
Copper	63-2	614063	619456	602087	611869	1.45	cps
Dysprosium	156-1	67762	68864	67022	67883	1.37	cps
Dysprosium	156-2	51046	51059	49530	50545	1.74	cps
Erbium	164-1	54911	57223	56413	56182	2.09	cps
Erbium	164-2	36120	36010	35833	35987	0.40	cps
Gadolinium	160-1	64310	64592	65931	64944	1.33	cps
Gadolinium	160-2	44032	43845	42534	43471	1.88	cps
Holmium	165-1	14934431	14853699	14933382	14907170	0.31	cps
Holmium	165-2	9583999	7897610	10638545	9373385	14.75	cps
Indium	115-1	10978967	10971763	10812233	10920988	0.86	cps
Indium	115-2	3342662	2798647	3674672	3271994	13.52	cps
Iron	56-2	372877928	372243701	362657581	369259737	1.55	cps
Iron	57-2	9060952	9236205	8949244	9082134	1.59	cps
Iron	54-2	19919750	20206773	19597493	19908005	1.53	cps
Krypton	83-1	170	213	170	184	13.57	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05	Instrumnet Name :	P7
Client Sample ID :	MYD5B3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:08:49	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	214659	218187	219449	217431	1.14	cps
Lead	207-1	185117	189558	189982	188219	1.43	cps
Lead	208-1	847888	861616	866830	858778	1.14	cps
Lithium	6-1	2129557	2147857	2140507	2139307	0.43	cps
Magnesium	24-2	9675126	9746294	9523018	9648146	1.18	cps
Manganese	55-2	7161301	7197207	7058441	7138983	1.01	cps
Molybdenum	94-1	44731	45982	45353	45356	1.38	cps
Molybdenum	95-1	7382	7245	7192	7273	1.35	cps
Molybdenum	96-1	19834	20334	20371	20180	1.49	cps
Molybdenum	97-1	4357	4174	4251	4261	2.16	cps
Molybdenum	98-1	11131	10837	11074	11014	1.41	cps
Neodymium	150-1	114218	113317	115213	114249	0.83	cps
Neodymium	150-2	61604	61296	60151	61017	1.25	cps
Nickel	60-2	196638	196715	194197	195850	0.73	cps
Phosphorus	31-2	15885	15731	14824	15480	3.70	cps
Potassium	39-2	2590317	2612115	2548153	2583528	1.26	cps
Rhodium	103-1	9679822	9529602	9518250	9575891	0.94	cps
Rhodium	103-2	5192408	4249171	5690738	5044106	14.51	cps
Scandium	45-1	5966839	6008755	5927081	5967558	0.68	cps
Scandium	45-2	484271	406262	515432	468655	12.00	cps
Selenium	82-1	466	553	563	528	10.17	cps
Selenium	77-2	123	143	150	139	9.99	cps
Selenium	78-2	257	290	247	264	8.58	cps
Silicon	28-1	6777696	6769963	6736366	6761341	0.32	cps
Silver	107-1	1947	1997	1933	1959	1.70	cps
Silver	109-1	1707	1903	1903	1838	6.18	cps
Sodium	23-2	68618	68374	66918	67970	1.35	cps
Strontium	86-1	178437	179765	180832	179678	0.67	cps
Strontium	88-1	1558960	1578215	1554974	1564050	0.79	cps
Sulfur	34-1	112849	112390	111802	112347	0.47	cps
Terbium	159-1	15283332	15317413	15185899	15262214	0.45	cps
Terbium	159-2	9441413	7857292	10308948	9202551	13.51	cps
Thallium	203-1	2240	2247	2254	2247	0.30	cps
Thallium	205-1	5071	5374	5388	5278	3.39	cps
Tin	118-1	15018	15005	15682	15235	2.54	cps
Titanium	47-1	472572	478116	478126	476271	0.67	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05	Instrumnet Name :	P7
Client Sample ID :	MYD5B3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:08:49	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28337	28320	28875	28511	1.11	cps
Vanadium	51-2	830252	830455	809677	823461	1.45	cps
Yttrium	89-1	12210475	12212089	12063969	12162178	0.70	cps
Yttrium	89-2	2803928	2335327	3001782	2713679	12.61	cps
Zinc	66-2	120598	121892	118909	120466	1.24	cps
Zirconium	90-1	109696	111620	110760	110692	0.87	cps
Zirconium	91-1	25095	25165	25402	25221	0.64	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-06	Instrumnet Name :	P7
Client Sample ID :	MYD5B3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:11:56	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9202295	9038008	8972845	9071050	1.30	cps
Antimony	121-1	16763	17180	17504	17149	2.17	cps
Arsenic	75-2	139699	139966	140406	140024	0.25	cps
Barium	135-1	898885	909054	908526	905488	0.63	cps
Barium	137-1	1624904	1648665	1664321	1645963	1.21	cps
Beryllium	9-1	1847	1700	1880	1809	5.29	cps
Bismuth	209-1	8861937	8770385	8735941	8789421	0.74	cps
Bismuth	209-2	6521607	7031542	6854495	6802548	3.81	cps
Bromine	81-1	9210	9043	8926	9060	1.57	cps
Bromine	81-2	497	523	520	513	2.83	cps
Cadmium	108-1	243	300	277	273	10.42	cps
Cadmium	106-1	3527	3517	3460	3502	1.03	cps
Cadmium	111-1	3932	3965	3862	3920	1.35	cps
Calcium	43-1	216258	219449	218773	218160	0.77	cps
Calcium	44-1	3232275	3300545	3286537	3273119	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	806236	802650	795274	801387	0.70	cps
Cobalt	59-2	363268	360407	361509	361728	0.40	cps
Copper	63-2	587649	583886	585353	585629	0.32	cps
Dysprosium	156-1	66098	66332	66480	66303	0.29	cps
Dysprosium	156-2	49099	49319	49530	49316	0.44	cps
Erbium	164-1	53254	54807	54901	54321	1.70	cps
Erbium	164-2	35685	34763	34990	35146	1.37	cps
Gadolinium	160-1	61909	62375	64083	62789	1.82	cps
Gadolinium	160-2	42598	42033	42785	42472	0.92	cps
Holmium	165-1	14677995	14586893	14467978	14577622	0.72	cps
Holmium	165-2	9416150	9901150	9635698	9651000	2.52	cps
Indium	115-1	10682495	10687360	10777877	10715911	0.50	cps
Indium	115-2	3240053	3504644	3391220	3378639	3.93	cps
Iron	56-2	354557821	355383408	356231021	355390750	0.24	cps
Iron	57-2	8906708	8762982	8676805	8782165	1.32	cps
Iron	54-2	19239729	19326032	19403664	19323142	0.42	cps
Krypton	83-1	173	157	153	161	6.65	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-06	Instrumnet Name :	P7
Client Sample ID :	MYD5B3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:11:56	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	211310	212864	212629	212268	0.39	cps
Lead	207-1	182292	185609	185579	184493	1.03	cps
Lead	208-1	833667	840171	842391	838743	0.54	cps
Lithium	6-1	2084602	2087216	2093687	2088501	0.22	cps
Magnesium	24-2	9433319	9304516	9325962	9354599	0.74	cps
Manganese	55-2	6872392	6905899	6881368	6886553	0.25	cps
Molybdenum	94-1	45594	47062	47163	46606	1.88	cps
Molybdenum	95-1	6672	7092	6855	6873	3.07	cps
Molybdenum	96-1	19613	20274	20418	20102	2.13	cps
Molybdenum	97-1	4227	3974	4017	4073	3.33	cps
Molybdenum	98-1	10480	10597	10861	10646	1.83	cps
Neodymium	150-1	109716	110882	110878	110492	0.61	cps
Neodymium	150-2	60877	59471	59619	59989	1.29	cps
Nickel	60-2	192374	189470	190382	190742	0.78	cps
Phosphorus	31-2	15061	14751	14977	14930	1.08	cps
Potassium	39-2	2494434	2462325	2506163	2487641	0.91	cps
Rhodium	103-1	9293727	9327641	9263444	9294937	0.35	cps
Rhodium	103-2	5038064	5290291	5204198	5177518	2.48	cps
Scandium	45-1	5797858	5700222	5795546	5764542	0.97	cps
Scandium	45-2	466500	484959	477931	476463	1.96	cps
Selenium	82-1	496	488	489	491	0.90	cps
Selenium	77-2	137	143	140	140	2.38	cps
Selenium	78-2	277	187	280	248	21.37	cps
Silicon	28-1	6834289	6863567	6867313	6855056	0.26	cps
Silver	107-1	1923	1957	1830	1903	3.45	cps
Silver	109-1	1673	1720	1963	1786	8.72	cps
Sodium	23-2	65274	64568	64876	64906	0.55	cps
Strontium	86-1	170498	171580	173313	171797	0.83	cps
Strontium	88-1	1495532	1520063	1500058	1505217	0.87	cps
Sulfur	34-1	110999	111600	112453	111684	0.65	cps
Terbium	159-1	14999462	14745559	14819127	14854716	0.88	cps
Terbium	159-2	9291366	9555634	9314519	9387173	1.56	cps
Thallium	203-1	2210	2310	2210	2244	2.57	cps
Thallium	205-1	4918	5268	5388	5191	4.71	cps
Tin	118-1	15605	15218	15422	15415	1.26	cps
Titanium	47-1	468724	474515	475223	472821	0.75	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-06	Instrumnet Name :	P7
Client Sample ID :	MYD5B3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:11:56	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27288	27709	28036	27678	1.36	cps
Vanadium	51-2	793953	791306	793890	793050	0.19	cps
Yttrium	89-1	11857096	11787096	11738858	11794350	0.50	cps
Yttrium	89-2	2691004	2846639	2782132	2773258	2.82	cps
Zinc	66-2	115932	116842	116567	116447	0.40	cps
Zirconium	90-1	113870	116256	115517	115214	1.06	cps
Zirconium	91-1	25860	26394	25576	25943	1.60	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5B3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 19:15:07	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1770095	1751820	1730902	1750939	1.12	cps
Antimony	121-1	3457	3407	3474	3446	1.01	cps
Arsenic	75-2	27850	27165	26737	27251	2.06	cps
Barium	135-1	173361	172770	176613	174248	1.19	cps
Barium	137-1	297471	306535	302151	302052	1.50	cps
Beryllium	9-1	400	407	403	403	0.83	cps
Bismuth	209-1	9199279	8817482	8905330	8974030	2.23	cps
Bismuth	209-2	6907815	6868209	7038660	6938228	1.29	cps
Bromine	81-1	7589	7485	7239	7437	2.42	cps
Bromine	81-2	113	97	110	107	8.27	cps
Cadmium	108-1	60	50	67	59	14.25	cps
Cadmium	106-1	3037	2790	2997	2941	4.50	cps
Cadmium	111-1	2451	2302	2358	2370	3.18	cps
Calcium	43-1	41319	42065	41807	41731	0.91	cps
Calcium	44-1	664920	672070	672311	669767	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	153000	153502	151532	152678	0.67	cps
Cobalt	59-2	70454	70686	70381	70507	0.23	cps
Copper	63-2	116253	116415	116965	116544	0.32	cps
Dysprosium	156-1	12149	12089	13023	12420	4.21	cps
Dysprosium	156-2	9333	9303	9800	9479	2.94	cps
Erbium	164-1	10461	10080	10160	10234	1.96	cps
Erbium	164-2	6812	6652	6845	6769	1.53	cps
Gadolinium	160-1	12155	11752	11822	11910	1.81	cps
Gadolinium	160-2	8172	8456	8429	8353	1.87	cps
Holmium	165-1	14319306	14171034	14507248	14332529	1.18	cps
Holmium	165-2	9531652	9500999	9756177	9596276	1.45	cps
Indium	115-1	10774239	10503808	10867440	10715162	1.76	cps
Indium	115-2	3354306	3389801	3438043	3394050	1.24	cps
Iron	56-2	69166706	69317316	68189239	68891087	0.89	cps
Iron	57-2	1713429	1712658	1704973	1710353	0.27	cps
Iron	54-2	3776566	3748301	3679462	3734776	1.34	cps
Krypton	83-1	107	130	80	106	23.70	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5B3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 19:15:07	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41098	40778	42108	41328	1.68	cps
Lead	207-1	34982	36091	36522	35865	2.22	cps
Lead	208-1	162519	162681	163061	162754	0.17	cps
Lithium	6-1	2104337	2051281	2020028	2058549	2.07	cps
Magnesium	24-2	1795078	1779554	1801259	1791964	0.62	cps
Manganese	55-2	1374410	1365568	1361313	1367097	0.49	cps
Molybdenum	94-1	8322	8556	8139	8339	2.51	cps
Molybdenum	95-1	1360	1360	1263	1328	4.20	cps
Molybdenum	96-1	3727	3937	3694	3786	3.49	cps
Molybdenum	97-1	853	770	800	808	5.23	cps
Molybdenum	98-1	2044	2157	2017	2072	3.59	cps
Neodymium	150-1	21243	20618	20472	20778	1.97	cps
Neodymium	150-2	11892	11171	11351	11471	3.27	cps
Nickel	60-2	37066	36762	37016	36948	0.44	cps
Phosphorus	31-2	2934	2994	2930	2953	1.21	cps
Potassium	39-2	532435	526524	527579	528846	0.60	cps
Rhodium	103-1	9572727	9447807	9473651	9498062	0.69	cps
Rhodium	103-2	5258394	5272641	5367559	5299531	1.12	cps
Scandium	45-1	5450311	5344631	5430173	5408372	1.04	cps
Scandium	45-2	442125	443511	453270	446302	1.36	cps
Selenium	82-1	411	393	453	419	7.36	cps
Selenium	77-2	67	30	27	41	53.99	cps
Selenium	78-2	167	183	180	177	4.99	cps
Silicon	28-1	1372131	1369700	1392952	1378261	0.93	cps
Silver	107-1	357	440	420	406	10.73	cps
Silver	109-1	320	433	293	349	21.31	cps
Sodium	23-2	19716	19793	19930	19813	0.55	cps
Strontium	86-1	32716	34029	33966	33570	2.21	cps
Strontium	88-1	290125	295604	291126	292285	1.00	cps
Sulfur	34-1	107683	108492	103806	106660	2.35	cps
Terbium	159-1	14715441	14942417	14606703	14754854	1.16	cps
Terbium	159-2	9269303	9312547	9516052	9365967	1.41	cps
Thallium	203-1	400	470	440	437	8.04	cps
Thallium	205-1	1040	1010	1080	1043	3.37	cps
Tin	118-1	3877	3534	3470	3627	6.03	cps
Titanium	47-1	85976	88161	87876	87338	1.36	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5B3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 19:15:07	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5284	5341	4968	5198	3.87	cps
Vanadium	51-2	150541	150525	150386	150484	0.06	cps
Yttrium	89-1	11519074	11161620	11189383	11290026	1.76	cps
Yttrium	89-2	2603674	2671637	2709865	2661725	2.02	cps
Zinc	66-2	23014	23098	23479	23197	1.07	cps
Zirconium	90-1	19870	20131	20511	20171	1.60	cps
Zirconium	91-1	4364	4717	4751	4611	4.65	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-07	Instrumnet Name :	P7
Client Sample ID :	MYD5B3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:18:19	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8991325	9023750	8919776	8978284	0.59	cps
Antimony	121-1	420652	425044	426015	423903	0.67	cps
Arsenic	75-2	144505	143411	144589	144168	0.46	cps
Barium	135-1	3177391	3145203	3170150	3164248	0.53	cps
Barium	137-1	5379123	5459051	5485307	5441160	1.02	cps
Beryllium	9-1	33656	33967	34127	33917	0.71	cps
Bismuth	209-1	8760645	8757814	8674004	8730821	0.56	cps
Bismuth	209-2	6614158	6654533	6732349	6667013	0.90	cps
Bromine	81-1	9216	9070	8786	9024	2.42	cps
Bromine	81-2	490	423	473	462	7.51	cps
Cadmium	108-1	3494	3360	3437	3430	1.95	cps
Cadmium	106-1	8079	8126	7692	7966	2.99	cps
Cadmium	111-1	53369	53934	54406	53903	0.96	cps
Calcium	43-1	214621	214462	213111	214065	0.39	cps
Calcium	44-1	3183093	3184943	3188320	3185452	0.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1047603	1041527	1036554	1041895	0.53	cps
Cobalt	59-2	1368006	1366891	1355406	1363434	0.51	cps
Copper	63-2	913473	907632	906253	909119	0.42	cps
Dysprosium	156-1	64470	65374	65877	65240	1.09	cps
Dysprosium	156-2	48513	48048	48470	48344	0.53	cps
Erbium	164-1	52478	53970	54017	53489	1.64	cps
Erbium	164-2	33737	34803	33357	33966	2.21	cps
Gadolinium	160-1	61544	61303	62700	61849	1.21	cps
Gadolinium	160-2	42314	41461	42010	41928	1.03	cps
Holmium	165-1	14625781	14636209	14380269	14547420	1.00	cps
Holmium	165-2	9425757	9499493	9726114	9550455	1.64	cps
Indium	115-1	10654734	10619142	10332789	10535555	1.68	cps
Indium	115-2	3280715	3273746	3296529	3283663	0.36	cps
Iron	56-2	353006661	348765941	346422835	349398479	0.96	cps
Iron	57-2	8626463	8546113	8540424	8571000	0.56	cps
Iron	54-2	18972315	18821888	18716599	18836934	0.68	cps
Krypton	83-1	183	153	137	158	14.99	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-07	Instrumnet Name :	P7
Client Sample ID :	MYD5B3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:18:19	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	265141	271415	275201	270586	1.88	cps
Lead	207-1	232429	236009	238277	235572	1.25	cps
Lead	208-1	1055321	1066572	1082815	1068236	1.29	cps
Lithium	6-1	2053863	2096998	2065798	2072220	1.07	cps
Magnesium	24-2	9089164	9140552	9041055	9090257	0.55	cps
Manganese	55-2	7310267	7227062	7207747	7248359	0.75	cps
Molybdenum	94-1	43819	44036	43973	43942	0.25	cps
Molybdenum	95-1	6478	6835	6598	6637	2.74	cps
Molybdenum	96-1	19660	19300	18882	19281	2.02	cps
Molybdenum	97-1	3821	4227	4157	4068	5.35	cps
Molybdenum	98-1	9853	10274	10404	10177	2.83	cps
Neodymium	150-1	107207	108725	108755	108229	0.82	cps
Neodymium	150-2	57818	58618	58768	58401	0.87	cps
Nickel	60-2	440584	438248	433668	437500	0.80	cps
Phosphorus	31-2	14510	14594	14744	14616	0.81	cps
Potassium	39-2	2444428	2433752	2443672	2440617	0.24	cps
Rhodium	103-1	9269129	9257321	9102872	9209774	1.01	cps
Rhodium	103-2	5050714	5066820	5167634	5095056	1.24	cps
Scandium	45-1	5801250	5751542	5689376	5747389	0.98	cps
Scandium	45-2	462936	465235	472264	466812	1.04	cps
Selenium	82-1	6590	6458	6664	6571	1.59	cps
Selenium	77-2	637	707	663	669	5.28	cps
Selenium	78-2	2100	1903	1997	2000	4.92	cps
Silicon	28-1	6616205	6695383	6677932	6663174	0.62	cps
Silver	107-1	237906	240903	241635	240148	0.82	cps
Silver	109-1	227754	232038	231798	230530	1.04	cps
Sodium	23-2	60655	61479	60809	60981	0.72	cps
Strontium	86-1	168846	168964	169867	169226	0.33	cps
Strontium	88-1	1470474	1485659	1494506	1483546	0.82	cps
Sulfur	34-1	109680	111063	111473	110739	0.85	cps
Terbium	159-1	14837247	15129474	14836233	14934318	1.13	cps
Terbium	159-2	9198420	9299647	9519207	9339091	1.76	cps
Thallium	203-1	193485	194829	196144	194819	0.68	cps
Thallium	205-1	457266	467133	470004	464801	1.44	cps
Tin	118-1	14527	14691	14844	14688	1.08	cps
Titanium	47-1	455086	455816	460283	457061	0.62	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-07	Instrumnet Name :	P7
Client Sample ID :	MYD5B3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:18:19	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27438	27609	27685	27577	0.46	cps
Vanadium	51-2	1325871	1326327	1330837	1327678	0.21	cps
Yttrium	89-1	11731489	11739347	11614034	11694957	0.60	cps
Yttrium	89-2	2700214	2729118	2737953	2722429	0.73	cps
Zinc	66-2	230941	229757	229114	229937	0.40	cps
Zirconium	90-1	107600	108359	108493	108151	0.45	cps
Zirconium	91-1	23723	25142	24821	24562	3.03	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD5B3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:21:28	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9126906	9135894	9082947	9115249	0.31	cps
Antimony	121-1	1926684	1937364	1930115	1931388	0.28	cps
Arsenic	75-2	163226	162077	163843	163048	0.55	cps
Barium	135-1	11082103	11240134	11154237	11158825	0.71	cps
Barium	137-1	19085002	19215303	19287087	19195797	0.53	cps
Beryllium	9-1	148524	149059	148538	148707	0.21	cps
Bismuth	209-1	8691153	8899523	8856505	8815727	1.25	cps
Bismuth	209-2	6527018	6558215	6594969	6560067	0.52	cps
Bromine	81-1	8829	9056	8683	8856	2.13	cps
Bromine	81-2	440	437	447	441	1.15	cps
Cadmium	108-1	14934	15372	15348	15218	1.62	cps
Cadmium	106-1	24591	23987	24037	24205	1.39	cps
Cadmium	111-1	231354	232992	231294	231880	0.42	cps
Calcium	43-1	204451	207421	206484	206119	0.74	cps
Calcium	44-1	3058819	3058981	3048729	3055510	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1933125	1941224	1925511	1933287	0.41	cps
Cobalt	59-2	4906866	4843906	4823056	4857943	0.90	cps
Copper	63-2	2106387	2103589	2091177	2100385	0.39	cps
Dysprosium	156-1	63640	64222	63633	63832	0.53	cps
Dysprosium	156-2	46420	46871	47801	47031	1.50	cps
Erbium	164-1	51648	52552	52970	52390	1.29	cps
Erbium	164-2	34071	34105	33998	34058	0.16	cps
Gadolinium	160-1	60296	60650	60463	60470	0.29	cps
Gadolinium	160-2	41201	41572	40843	41205	0.88	cps
Holmium	165-1	14387475	14438774	14710498	14512249	1.20	cps
Holmium	165-2	9197726	9372305	9311932	9293988	0.95	cps
Indium	115-1	10498569	10549436	10551790	10533265	0.29	cps
Indium	115-2	3201940	3166900	3220545	3196462	0.85	cps
Iron	56-2	344901502	342940502	340047808	342629937	0.71	cps
Iron	57-2	8427060	8443376	8495389	8455275	0.42	cps
Iron	54-2	18625260	18662669	18612603	18633511	0.14	cps
Krypton	83-1	183	233	153	190	21.27	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD5B3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:21:28	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	493619	504414	505113	501049	1.29	cps
Lead	207-1	430477	437105	440533	436038	1.17	cps
Lead	208-1	1960203	1994229	2004506	1986313	1.17	cps
Lithium	6-1	2058716	2033281	2067138	2053045	0.86	cps
Magnesium	24-2	8826978	8832495	8779038	8812837	0.33	cps
Manganese	55-2	8814848	8798597	8879990	8831145	0.49	cps
Molybdenum	94-1	41913	41863	42127	41968	0.33	cps
Molybdenum	95-1	6655	6522	6328	6501	2.53	cps
Molybdenum	96-1	18579	18552	18612	18581	0.16	cps
Molybdenum	97-1	4097	4134	4041	4091	1.15	cps
Molybdenum	98-1	10617	10377	10674	10556	1.49	cps
Neodymium	150-1	106871	106848	107915	107211	0.57	cps
Neodymium	150-2	58648	57309	57169	57708	1.42	cps
Nickel	60-2	1324501	1313367	1311056	1316308	0.55	cps
Phosphorus	31-2	13700	14150	13823	13891	1.68	cps
Potassium	39-2	2328678	2349369	2347830	2341959	0.49	cps
Rhodium	103-1	9038921	9135857	9140506	9105095	0.63	cps
Rhodium	103-2	4943549	4969955	4943321	4952275	0.31	cps
Scandium	45-1	5662188	5590829	5587732	5613583	0.75	cps
Scandium	45-2	451544	449618	449962	450375	0.23	cps
Selenium	82-1	28546	28830	28727	28701	0.50	cps
Selenium	77-2	2520	2480	2550	2517	1.40	cps
Selenium	78-2	8426	8332	8516	8425	1.09	cps
Silicon	28-1	6424704	6540026	6534320	6499683	1.00	cps
Silver	107-1	883999	896514	860608	880373	2.07	cps
Silver	109-1	744762	868892	860684	824779	8.42	cps
Sodium	23-2	59260	59641	60746	59882	1.29	cps
Strontium	86-1	165434	166020	166675	166043	0.37	cps
Strontium	88-1	1441971	1455237	1444055	1447088	0.49	cps
Sulfur	34-1	107361	106108	106971	106813	0.60	cps
Terbium	159-1	14789066	15022708	15059548	14957107	0.98	cps
Terbium	159-2	9152004	9050870	9147798	9116891	0.63	cps
Thallium	203-1	890321	905199	913974	903165	1.32	cps
Thallium	205-1	2347620	2354049	2365601	2355757	0.39	cps
Tin	118-1	14381	14487	14467	14445	0.39	cps
Titanium	47-1	436801	438929	437984	437905	0.24	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD5B3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:21:28	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27181	27669	27482	27444	0.90	cps
Vanadium	51-2	3346429	3330414	3324070	3333638	0.35	cps
Yttrium	89-1	11510255	11542647	11554287	11535730	0.20	cps
Yttrium	89-2	2669045	2647771	2652091	2656302	0.42	cps
Zinc	66-2	642246	642249	644242	642912	0.18	cps
Zirconium	90-1	103703	104384	103142	103743	0.60	cps
Zirconium	91-1	23532	23642	24016	23730	1.07	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-08	Instrumnet Name :	P7
Client Sample ID :	MYD5B4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:24:28	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8170677	8207841	8108266	8162261	0.62	cps
Antimony	121-1	33262	34070	34197	33843	1.50	cps
Arsenic	75-2	74566	74660	75196	74807	0.45	cps
Barium	135-1	877248	889694	894848	887263	1.02	cps
Barium	137-1	1575808	1531210	1614675	1573898	2.65	cps
Beryllium	9-1	1997	2077	2010	2028	2.11	cps
Bismuth	209-1	8062215	8824225	8759812	8548751	4.94	cps
Bismuth	209-2	6734409	6614511	6676927	6675282	0.90	cps
Bromine	81-1	9887	10474	10581	10314	3.62	cps
Bromine	81-2	767	713	703	728	4.68	cps
Cadmium	108-1	323	330	333	329	1.55	cps
Cadmium	106-1	3477	3767	3604	3616	4.02	cps
Cadmium	111-1	3078	3249	3249	3192	3.11	cps
Calcium	43-1	310677	318870	322345	317297	1.89	cps
Calcium	44-1	4595975	4723288	4756518	4691927	1.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	458366	453844	459829	457346	0.68	cps
Cobalt	59-2	282191	281267	279657	281038	0.46	cps
Copper	63-2	464005	463745	461170	462973	0.34	cps
Dysprosium	156-1	65210	66369	66449	66010	1.05	cps
Dysprosium	156-2	50567	49845	48888	49767	1.69	cps
Erbium	164-1	53000	54369	54241	53870	1.40	cps
Erbium	164-2	35214	35318	35375	35302	0.23	cps
Gadolinium	160-1	59884	62586	61739	61403	2.25	cps
Gadolinium	160-2	41876	41765	42738	42126	1.26	cps
Holmium	165-1	13251778	14328284	14514721	14031594	4.86	cps
Holmium	165-2	9537829	9359818	9434965	9444204	0.95	cps
Indium	115-1	9626527	10487907	10319270	10144568	4.50	cps
Indium	115-2	3288240	3285396	3256450	3276695	0.54	cps
Iron	56-2	296464209	296044282	290716816	294408436	1.09	cps
Iron	57-2	7239519	7237219	7274480	7250406	0.29	cps
Iron	54-2	16130541	15845556	15912859	15962986	0.93	cps
Krypton	83-1	183	130	173	162	17.48	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-08	Instrumnet Name :	P7
Client Sample ID :	MYD5B4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:24:28	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	125987	128305	129355	127882	1.35	cps
Lead	207-1	108243	109591	110484	109439	1.03	cps
Lead	208-1	493332	500691	505456	499827	1.22	cps
Lithium	6-1	1889253	2047735	2045624	1994204	4.56	cps
Magnesium	24-2	6782011	6721475	6673743	6725743	0.81	cps
Manganese	55-2	5835990	5751981	5720160	5769377	1.04	cps
Molybdenum	94-1	111477	110929	112296	111567	0.62	cps
Molybdenum	95-1	4891	4978	5154	5008	2.68	cps
Molybdenum	96-1	27379	28150	27880	27803	1.41	cps
Molybdenum	97-1	2974	3024	3227	3075	4.36	cps
Molybdenum	98-1	7679	7989	8026	7898	2.41	cps
Neodymium	150-1	114554	116247	117565	116122	1.30	cps
Neodymium	150-2	62062	63589	62916	62856	1.22	cps
Nickel	60-2	142180	141493	140097	141257	0.75	cps
Phosphorus	31-2	15241	14660	15198	15033	2.15	cps
Potassium	39-2	2405219	2390764	2417623	2404535	0.56	cps
Rhodium	103-1	8375720	9099065	9110890	8861892	4.75	cps
Rhodium	103-2	5023853	5049486	4989886	5021075	0.60	cps
Scandium	45-1	5082317	5526743	5456799	5355287	4.46	cps
Scandium	45-2	452841	451628	449947	451472	0.32	cps
Selenium	82-1	378	527	455	453	16.37	cps
Selenium	77-2	143	137	143	141	2.73	cps
Selenium	78-2	223	227	237	229	3.03	cps
Silicon	28-1	11657781	11964363	12139519	11920554	2.05	cps
Silver	107-1	2287	1663	1593	1848	20.66	cps
Silver	109-1	2097	1600	1393	1697	21.31	cps
Sodium	23-2	72781	72068	72399	72416	0.49	cps
Strontium	86-1	191369	194746	196073	194063	1.25	cps
Strontium	88-1	1683462	1700623	1679272	1687785	0.67	cps
Sulfur	34-1	111295	112591	112339	112075	0.61	cps
Terbium	159-1	13608124	14990280	14738086	14445496	5.10	cps
Terbium	159-2	9214005	9100911	9176939	9163952	0.63	cps
Thallium	203-1	2534	2530	2507	2524	0.58	cps
Thallium	205-1	6211	6131	5945	6096	2.25	cps
Tin	118-1	17391	17891	18182	17821	2.25	cps
Titanium	47-1	801434	812188	824013	812545	1.39	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-08	Instrumnet Name :	P7
Client Sample ID :	MYD5B4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:24:28	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23547	23734	24165	23816	1.33	cps
Vanadium	51-2	625006	623762	619117	622629	0.50	cps
Yttrium	89-1	10603587	11608133	11487563	11233094	4.88	cps
Yttrium	89-2	2678239	2699057	2675093	2684130	0.49	cps
Zinc	66-2	98602	99374	97251	98409	1.09	cps
Zirconium	90-1	285495	291841	294150	290495	1.54	cps
Zirconium	91-1	63845	66064	65803	65237	1.86	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-09	Instrumnet Name :	P7
Client Sample ID :	MYD5B5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:27:38	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7711288	7691773	7605912	7669657	0.73	cps
Antimony	121-1	11038	11415	11511	11321	2.21	cps
Arsenic	75-2	46526	47328	46155	46670	1.29	cps
Barium	135-1	894083	906478	913211	904590	1.07	cps
Barium	137-1	1545074	1633049	1652218	1610113	3.55	cps
Beryllium	9-1	1847	1697	1763	1769	4.25	cps
Bismuth	209-1	8745952	8826369	8777273	8783198	0.46	cps
Bismuth	209-2	6655927	6620734	6621109	6632590	0.30	cps
Bromine	81-1	7889	8132	8112	8044	1.68	cps
Bromine	81-2	280	330	250	287	14.10	cps
Cadmium	108-1	360	407	410	392	7.13	cps
Cadmium	106-1	4044	3687	3530	3754	7.01	cps
Cadmium	111-1	3142	2906	2861	2970	5.08	cps
Calcium	43-1	512822	522603	526542	520656	1.36	cps
Calcium	44-1	7689942	7738895	7807354	7745397	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	446006	447197	444551	445918	0.30	cps
Cobalt	59-2	231431	232020	230801	231418	0.26	cps
Copper	63-2	331127	330796	330548	330823	0.09	cps
Dysprosium	156-1	63693	64484	65002	64393	1.02	cps
Dysprosium	156-2	49704	48316	48985	49002	1.42	cps
Erbium	164-1	48317	49735	49327	49126	1.49	cps
Erbium	164-2	31195	31211	31505	31304	0.56	cps
Gadolinium	160-1	56654	58344	58528	57842	1.79	cps
Gadolinium	160-2	40295	39813	39375	39828	1.15	cps
Holmium	165-1	14422780	14535957	14407224	14455320	0.49	cps
Holmium	165-2	9512742	9477189	9367844	9452592	0.80	cps
Indium	115-1	10422404	10644810	10534064	10533760	1.06	cps
Indium	115-2	3306538	3246232	3249195	3267322	1.04	cps
Iron	56-2	255002530	253483303	253218083	253901305	0.38	cps
Iron	57-2	6335993	6286971	6232474	6285146	0.82	cps
Iron	54-2	13858449	13757374	13662841	13759555	0.71	cps
Krypton	83-1	153	177	187	172	9.93	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-09	Instrumnet Name :	P7
Client Sample ID :	MYD5B5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:27:38	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	112524	115384	116090	114666	1.65	cps
Lead	207-1	94979	97285	97030	96431	1.31	cps
Lead	208-1	438619	448997	450409	446008	1.44	cps
Lithium	6-1	2028803	2034664	2033389	2032285	0.15	cps
Magnesium	24-2	6589757	6478873	6538668	6535766	0.85	cps
Manganese	55-2	5001888	4976304	4913638	4963943	0.91	cps
Molybdenum	94-1	133515	135567	137958	135680	1.64	cps
Molybdenum	95-1	3967	3877	3947	3931	1.20	cps
Molybdenum	96-1	29951	30812	30498	30421	1.43	cps
Molybdenum	97-1	2267	2264	2310	2280	1.14	cps
Molybdenum	98-1	5795	5888	6175	5952	3.33	cps
Neodymium	150-1	114151	116651	117263	116021	1.42	cps
Neodymium	150-2	63020	62866	63539	63142	0.56	cps
Nickel	60-2	129039	129240	127933	128737	0.55	cps
Phosphorus	31-2	12819	12722	12835	12792	0.48	cps
Potassium	39-2	1786584	1800810	1781037	1789477	0.57	cps
Rhodium	103-1	9045448	9142050	9117645	9101714	0.55	cps
Rhodium	103-2	5060838	5085945	4981587	5042790	1.08	cps
Scandium	45-1	5434825	5472775	5460611	5456070	0.36	cps
Scandium	45-2	450146	447405	451126	449559	0.43	cps
Selenium	82-1	411	426	420	419	1.79	cps
Selenium	77-2	97	150	110	119	23.34	cps
Selenium	78-2	203	187	177	189	7.13	cps
Silicon	28-1	9520421	9724480	9766490	9670464	1.36	cps
Silver	107-1	993	1127	1080	1067	6.34	cps
Silver	109-1	833	853	850	846	1.27	cps
Sodium	23-2	57092	57962	56245	57100	1.50	cps
Strontium	86-1	175357	179900	178635	177964	1.32	cps
Strontium	88-1	1523286	1558282	1577942	1553170	1.78	cps
Sulfur	34-1	108005	108619	108455	108360	0.29	cps
Terbium	159-1	14607755	14880529	14715798	14734694	0.93	cps
Terbium	159-2	9278260	9210963	9271726	9253650	0.40	cps
Thallium	203-1	2317	2427	2240	2328	4.03	cps
Thallium	205-1	5595	5434	5625	5551	1.84	cps
Tin	118-1	15839	16703	17054	16532	3.78	cps
Titanium	47-1	778195	790916	796261	788457	1.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-09	Instrumnet Name :	P7
Client Sample ID :	MYD5B5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:27:38	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20419	20426	20720	20521	0.84	cps
Vanadium	51-2	501938	501423	499148	500837	0.30	cps
Yttrium	89-1	11426137	11632765	11496513	11518471	0.91	cps
Yttrium	89-2	2704730	2680359	2687906	2690998	0.46	cps
Zinc	66-2	80713	79711	80495	80306	0.66	cps
Zirconium	90-1	353171	363648	363479	360099	1.67	cps
Zirconium	91-1	78770	80563	82641	80658	2.40	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-10	Instrumnet Name :	P7
Client Sample ID :	MYD5B6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:30:46	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4794557	4783200	4789573	4789110	0.12	cps
Antimony	121-1	14387	15068	14691	14715	2.32	cps
Arsenic	75-2	225351	224823	224028	224734	0.30	cps
Barium	135-1	432730	437007	441209	436982	0.97	cps
Barium	137-1	749523	759821	765267	758204	1.05	cps
Beryllium	9-1	980	1020	1097	1032	5.74	cps
Bismuth	209-1	8746805	8904664	8918254	8856574	1.08	cps
Bismuth	209-2	6728020	6622441	6641796	6664086	0.84	cps
Bromine	81-1	8212	8316	8272	8267	0.63	cps
Bromine	81-2	263	200	303	256	20.39	cps
Cadmium	108-1	177	210	220	202	11.22	cps
Cadmium	106-1	3270	3427	3247	3315	2.95	cps
Cadmium	111-1	3052	3102	3079	3078	0.81	cps
Calcium	43-1	299536	304393	306018	303316	1.11	cps
Calcium	44-1	4466231	4538620	4517318	4507390	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	418749	415611	412517	415626	0.75	cps
Cobalt	59-2	229237	226852	228446	228178	0.53	cps
Copper	63-2	360621	359962	358983	359855	0.23	cps
Dysprosium	156-1	46065	47657	46838	46853	1.70	cps
Dysprosium	156-2	34663	33898	34278	34280	1.12	cps
Erbium	164-1	36725	37036	37102	36954	0.55	cps
Erbium	164-2	24178	24067	23814	24020	0.78	cps
Gadolinium	160-1	45209	44190	45139	44846	1.27	cps
Gadolinium	160-2	30500	30460	30984	30648	0.95	cps
Holmium	165-1	14368831	14475737	14474441	14439670	0.42	cps
Holmium	165-2	9395905	9394532	9425071	9405169	0.18	cps
Indium	115-1	10626595	10631996	10476350	10578314	0.84	cps
Indium	115-2	3316263	3303053	3293205	3304174	0.35	cps
Iron	56-2	269912569	267171209	267692629	268258803	0.54	cps
Iron	57-2	6654649	6636785	6594479	6628638	0.47	cps
Iron	54-2	14610032	14491386	14449338	14516919	0.57	cps
Krypton	83-1	143	130	153	142	8.23	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-10	Instrumnet Name :	P7
Client Sample ID :	MYD5B6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:30:46	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	108838	109732	109667	109412	0.46	cps
Lead	207-1	91569	93559	92753	92627	1.08	cps
Lead	208-1	419524	426295	425128	423649	0.85	cps
Lithium	6-1	2020317	2047210	2049545	2039024	0.80	cps
Magnesium	24-2	4420282	4375075	4461936	4419098	0.98	cps
Manganese	55-2	4614421	4575140	4555608	4581723	0.65	cps
Molybdenum	94-1	41071	40880	42402	41451	2.00	cps
Molybdenum	95-1	6195	6221	6345	6254	1.28	cps
Molybdenum	96-1	16866	17424	17647	17313	2.32	cps
Molybdenum	97-1	3794	3844	4107	3915	4.30	cps
Molybdenum	98-1	9907	9517	10220	9881	3.57	cps
Neodymium	150-1	73283	74773	75212	74423	1.36	cps
Neodymium	150-2	40578	40675	40849	40701	0.34	cps
Nickel	60-2	124132	124918	123748	124266	0.48	cps
Phosphorus	31-2	10797	11081	10847	10908	1.39	cps
Potassium	39-2	743150	733215	738321	738229	0.67	cps
Rhodium	103-1	9315974	9360643	9318097	9331571	0.27	cps
Rhodium	103-2	5098349	5033731	5091980	5074686	0.70	cps
Scandium	45-1	5494665	5558499	5533063	5528742	0.58	cps
Scandium	45-2	453110	448379	453355	451615	0.62	cps
Selenium	82-1	431	495	482	469	7.23	cps
Selenium	77-2	123	73	87	94	27.42	cps
Selenium	78-2	217	243	197	219	10.70	cps
Silicon	28-1	10386615	10426824	10546465	10453301	0.80	cps
Silver	107-1	997	947	903	949	4.92	cps
Silver	109-1	803	817	813	811	0.86	cps
Sodium	23-2	64819	63982	65134	64645	0.92	cps
Strontium	86-1	115865	117343	117097	116768	0.68	cps
Strontium	88-1	1011885	1028530	1036510	1025642	1.22	cps
Sulfur	34-1	109344	109449	109435	109409	0.05	cps
Terbium	159-1	14677962	14728360	14820517	14742280	0.49	cps
Terbium	159-2	9233477	9203246	9095015	9177246	0.79	cps
Thallium	203-1	880	910	943	911	3.48	cps
Thallium	205-1	2164	2147	2317	2209	4.24	cps
Tin	118-1	11685	12689	12325	12233	4.16	cps
Titanium	47-1	204083	205366	207343	205597	0.80	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-10	Instrumnet Name :	P7
Client Sample ID :	MYD5B6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:30:46	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21234	22115	22082	21810	2.29	cps
Vanadium	51-2	620173	617465	619910	619183	0.24	cps
Yttrium	89-1	11407797	11378404	11456915	11414372	0.35	cps
Yttrium	89-2	2661676	2642065	2639131	2647624	0.46	cps
Zinc	66-2	91196	90740	91002	90979	0.25	cps
Zirconium	90-1	99735	101823	103515	101691	1.86	cps
Zirconium	91-1	23015	23889	23032	23312	2.15	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-11	Instrumnet Name :	P7
Client Sample ID :	MYD5B7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:33:59	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4530055	4497045	4512188	4513096	0.37	cps
Antimony	121-1	9583	9653	9396	9544	1.39	cps
Arsenic	75-2	38831	38984	37731	38515	1.77	cps
Barium	135-1	1087820	1097993	1098010	1094608	0.54	cps
Barium	137-1	1975355	1946443	1984341	1968713	1.01	cps
Beryllium	9-1	1297	1253	1293	1281	1.88	cps
Bismuth	209-1	8790343	8775858	8765348	8777183	0.14	cps
Bismuth	209-2	6833537	6621046	6676927	6710503	1.64	cps
Bromine	81-1	7349	7632	7562	7514	1.96	cps
Bromine	81-2	180	183	277	213	25.72	cps
Cadmium	108-1	257	317	337	303	13.73	cps
Cadmium	106-1	3237	3394	3227	3286	2.85	cps
Cadmium	111-1	3136	3384	3100	3207	4.82	cps
Calcium	43-1	195822	199010	196909	197247	0.82	cps
Calcium	44-1	2947229	2942988	2947729	2945982	0.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	200078	197994	196252	198108	0.97	cps
Cobalt	59-2	188892	188956	188073	188640	0.26	cps
Copper	63-2	287915	290051	286959	288308	0.55	cps
Dysprosium	156-1	44687	45283	45530	45167	0.96	cps
Dysprosium	156-2	33974	34248	33827	34017	0.63	cps
Erbium	164-1	32935	33537	33286	33253	0.91	cps
Erbium	164-2	21156	21263	20999	21139	0.63	cps
Gadolinium	160-1	38787	40077	39993	39619	1.82	cps
Gadolinium	160-2	27066	26956	26518	26847	1.08	cps
Holmium	165-1	14389267	14195053	14416584	14333635	0.84	cps
Holmium	165-2	9459022	9274531	9240980	9324844	1.26	cps
Indium	115-1	10479075	10481444	10464581	10475033	0.09	cps
Indium	115-2	3298937	3241939	3202776	3247884	1.49	cps
Iron	56-2	221001143	220722683	219874910	220532912	0.27	cps
Iron	57-2	5507053	5429601	5393152	5443268	1.07	cps
Iron	54-2	12041150	11990993	11826434	11952859	0.94	cps
Krypton	83-1	187	120	87	131	38.84	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-11	Instrumnet Name :	P7
Client Sample ID :	MYD5B7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:33:59	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	143922	144519	145107	144516	0.41	cps
Lead	207-1	126388	127504	127457	127116	0.50	cps
Lead	208-1	570759	576885	581183	576276	0.91	cps
Lithium	6-1	2015078	2013921	2019075	2016025	0.13	cps
Magnesium	24-2	3794213	3787785	3731191	3771063	0.92	cps
Manganese	55-2	9205069	9198523	9130857	9178150	0.45	cps
Molybdenum	94-1	82638	82906	83892	83145	0.79	cps
Molybdenum	95-1	5241	5241	5148	5210	1.03	cps
Molybdenum	96-1	22103	22534	21973	22204	1.32	cps
Molybdenum	97-1	3254	3044	3300	3199	4.27	cps
Molybdenum	98-1	8012	7892	7665	7857	2.24	cps
Neodymium	150-1	76969	77662	77890	77507	0.62	cps
Neodymium	150-2	42404	41909	42119	42144	0.59	cps
Nickel	60-2	76611	75639	75529	75926	0.78	cps
Phosphorus	31-2	8609	8429	8496	8511	1.07	cps
Potassium	39-2	1425306	1409513	1427005	1420608	0.68	cps
Rhodium	103-1	9279340	9130470	9067554	9159121	1.19	cps
Rhodium	103-2	5039520	5023361	5044784	5035889	0.22	cps
Scandium	45-1	5413328	5356165	5309736	5359743	0.97	cps
Scandium	45-2	435588	431691	429431	432236	0.72	cps
Selenium	82-1	405	423	431	420	3.18	cps
Selenium	77-2	93	80	97	90	9.80	cps
Selenium	78-2	153	220	220	198	19.46	cps
Silicon	28-1	12041809	12134146	12108416	12094790	0.39	cps
Silver	107-1	723	843	727	764	8.94	cps
Silver	109-1	607	757	683	682	10.99	cps
Sodium	23-2	33991	33593	33630	33738	0.65	cps
Strontium	86-1	122971	123233	125435	123880	1.09	cps
Strontium	88-1	1074048	1088211	1085357	1082539	0.69	cps
Sulfur	34-1	106015	106142	105273	105810	0.44	cps
Terbium	159-1	14431720	14672047	14623565	14575777	0.87	cps
Terbium	159-2	9176845	9045407	9098339	9106864	0.73	cps
Thallium	203-1	1967	2047	1977	1997	2.18	cps
Thallium	205-1	4698	4768	5058	4841	3.94	cps
Tin	118-1	11561	11101	11365	11342	2.04	cps
Titanium	47-1	602182	603830	607071	604361	0.41	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-11	Instrumnet Name :	P7
Client Sample ID :	MYD5B7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:33:59	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16877	16073	17421	16791	4.04	cps
Vanadium	51-2	406124	405564	405429	405706	0.09	cps
Yttrium	89-1	11225639	11262627	11127778	11205348	0.62	cps
Yttrium	89-2	2638234	2596843	2571526	2602201	1.29	cps
Zinc	66-2	73868	73416	72873	73386	0.68	cps
Zirconium	90-1	215539	216576	218535	216883	0.70	cps
Zirconium	91-1	48216	48353	48998	48522	0.86	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-12	Instrumnet Name :	P7
Client Sample ID :	MYD5B8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:37:08	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7653479	7604918	7656693	7638363	0.38	cps
Antimony	121-1	14684	14918	14804	14802	0.79	cps
Arsenic	75-2	103655	102014	101846	102505	0.98	cps
Barium	135-1	585775	593385	597566	592242	1.01	cps
Barium	137-1	1014025	1023995	1028379	1022133	0.72	cps
Beryllium	9-1	1213	1170	1247	1210	3.18	cps
Bismuth	209-1	8682954	8667470	8561120	8637181	0.77	cps
Bismuth	209-2	6561878	6645792	6505602	6571091	1.07	cps
Bromine	81-1	7369	7939	7859	7722	4.00	cps
Bromine	81-2	200	183	200	194	4.95	cps
Cadmium	108-1	330	260	257	282	14.67	cps
Cadmium	106-1	3260	3014	3270	3181	4.57	cps
Cadmium	111-1	4602	4408	4520	4510	2.16	cps
Calcium	43-1	116569	117167	117513	117083	0.41	cps
Calcium	44-1	1743437	1766171	1760822	1756810	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	579188	575284	578833	577768	0.37	cps
Cobalt	59-2	241693	241533	239241	240822	0.57	cps
Copper	63-2	563004	561993	562524	562507	0.09	cps
Dysprosium	156-1	46373	47162	47243	46926	1.02	cps
Dysprosium	156-2	33961	33650	34339	33983	1.01	cps
Erbium	164-1	39492	40579	39435	39835	1.62	cps
Erbium	164-2	26301	25553	25627	25827	1.60	cps
Gadolinium	160-1	45497	45905	45775	45725	0.46	cps
Gadolinium	160-2	31408	31408	30827	31215	1.08	cps
Holmium	165-1	14172063	14241986	14192251	14202100	0.25	cps
Holmium	165-2	9226415	9310045	9356673	9297711	0.71	cps
Indium	115-1	10360157	10388430	10184497	10311028	1.07	cps
Indium	115-2	3249142	3238964	3188565	3225557	1.01	cps
Iron	56-2	289091322	287176769	284584776	286950956	0.79	cps
Iron	57-2	7146073	7103752	7082867	7110897	0.45	cps
Iron	54-2	15662073	15537098	15541449	15580206	0.46	cps
Krypton	83-1	117	137	207	153	30.82	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-12	Instrumnet Name :	P7
Client Sample ID :	MYD5B8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:37:08	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	289738	297077	295346	294054	1.30	cps
Lead	207-1	254060	259891	259259	257737	1.24	cps
Lead	208-1	1151563	1176851	1175170	1167861	1.21	cps
Lithium	6-1	1985754	1994947	1981394	1987365	0.35	cps
Magnesium	24-2	8214235	8128648	8128661	8157181	0.61	cps
Manganese	55-2	4292917	4299990	4241611	4278173	0.74	cps
Molybdenum	94-1	43936	44150	44531	44205	0.68	cps
Molybdenum	95-1	5378	5291	5691	5453	3.86	cps
Molybdenum	96-1	17360	17234	17113	17236	0.72	cps
Molybdenum	97-1	3477	3464	3397	3446	1.24	cps
Molybdenum	98-1	8566	8739	8599	8635	1.07	cps
Neodymium	150-1	75243	76854	76375	76157	1.09	cps
Neodymium	150-2	41407	40906	41317	41210	0.65	cps
Nickel	60-2	126773	126924	126628	126775	0.12	cps
Phosphorus	31-2	13533	13122	12889	13181	2.47	cps
Potassium	39-2	2465888	2412562	2407959	2428803	1.33	cps
Rhodium	103-1	9057764	9008901	8918386	8995017	0.79	cps
Rhodium	103-2	4955322	4940619	4971112	4955685	0.31	cps
Scandium	45-1	5396973	5382539	5373892	5384468	0.22	cps
Scandium	45-2	439883	440903	441757	440847	0.21	cps
Selenium	82-1	498	441	367	436	15.05	cps
Selenium	77-2	87	93	90	90	3.70	cps
Selenium	78-2	273	203	240	239	14.66	cps
Silicon	28-1	6771243	6881245	6836889	6829792	0.81	cps
Silver	107-1	2670	2627	2654	2650	0.82	cps
Silver	109-1	2527	2450	2550	2509	2.09	cps
Sodium	23-2	45250	44354	44815	44806	1.00	cps
Strontium	86-1	90831	91649	93659	92046	1.58	cps
Strontium	88-1	805455	805164	811432	807350	0.44	cps
Sulfur	34-1	108065	106414	108099	107526	0.90	cps
Terbium	159-1	14655599	14430181	14430875	14505551	0.90	cps
Terbium	159-2	8961098	8931280	9051227	8981202	0.70	cps
Thallium	203-1	1463	1407	1607	1492	6.91	cps
Thallium	205-1	3397	3510	3641	3516	3.46	cps
Tin	118-1	18886	18859	18656	18800	0.67	cps
Titanium	47-1	403159	404056	403161	403459	0.13	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-12	Instrumnet Name :	P7
Client Sample ID :	MYD5B8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:37:08	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19424	19651	19504	19527	0.59	cps
Vanadium	51-2	651299	646135	646270	647901	0.45	cps
Yttrium	89-1	11280137	11132081	11081382	11164533	0.93	cps
Yttrium	89-2	2583916	2591187	2592295	2589133	0.18	cps
Zinc	66-2	126278	125296	125495	125690	0.41	cps
Zirconium	90-1	109205	112154	111630	110996	1.42	cps
Zirconium	91-1	24187	25198	25021	24802	2.18	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-13	Instrumnet Name :	P7
Client Sample ID :	MYD5B9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:40:19	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6356514	6241429	6262646	6286863	0.97	cps
Antimony	121-1	12449	12719	12579	12582	1.07	cps
Arsenic	75-2	103675	104894	104041	104203	0.60	cps
Barium	135-1	511510	518286	520805	516867	0.93	cps
Barium	137-1	884257	896820	897037	892705	0.82	cps
Beryllium	9-1	1030	1063	1010	1034	2.60	cps
Bismuth	209-1	8862519	8859918	8811551	8844663	0.32	cps
Bismuth	209-2	6742651	6626811	6663024	6677495	0.89	cps
Bromine	81-1	7299	7759	7355	7471	3.36	cps
Bromine	81-2	223	197	213	211	6.38	cps
Cadmium	108-1	267	267	193	242	17.48	cps
Cadmium	106-1	3430	3257	3077	3255	5.43	cps
Cadmium	111-1	4542	4480	4389	4470	1.72	cps
Calcium	43-1	99990	100419	100654	100354	0.34	cps
Calcium	44-1	1476074	1498618	1495175	1489956	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	464677	461554	462344	462859	0.35	cps
Cobalt	59-2	207044	207993	206696	207245	0.32	cps
Copper	63-2	521136	522635	519281	521017	0.32	cps
Dysprosium	156-1	39452	40040	39288	39593	1.00	cps
Dysprosium	156-2	28242	29334	28830	28802	1.90	cps
Erbium	164-1	34168	34165	34583	34305	0.70	cps
Erbium	164-2	22017	22118	21817	21984	0.70	cps
Gadolinium	160-1	37854	39241	39001	38699	1.92	cps
Gadolinium	160-2	25904	26892	26372	26389	1.87	cps
Holmium	165-1	14467711	14492779	14537310	14499267	0.24	cps
Holmium	165-2	9461672	9307795	9407209	9392225	0.83	cps
Indium	115-1	10577886	10574674	10417106	10523222	0.87	cps
Indium	115-2	3277548	3269063	3207961	3251524	1.17	cps
Iron	56-2	249197263	251761156	250512890	250490436	0.51	cps
Iron	57-2	6191056	6150805	6132343	6158068	0.49	cps
Iron	54-2	13605609	13585787	13652572	13614656	0.25	cps
Krypton	83-1	120	167	153	147	16.39	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-13	Instrumnet Name :	P7
Client Sample ID :	MYD5B9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:40:19	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	264402	268957	272093	268484	1.44	cps
Lead	207-1	233162	236266	238627	236018	1.16	cps
Lead	208-1	1058492	1071165	1082291	1070649	1.11	cps
Lithium	6-1	2041521	2040578	2058213	2046770	0.48	cps
Magnesium	24-2	6729816	6618880	6744521	6697739	1.03	cps
Manganese	55-2	3671454	3656132	3679935	3669174	0.33	cps
Molybdenum	94-1	30518	31424	30929	30957	1.46	cps
Molybdenum	95-1	4844	5101	5144	5030	3.23	cps
Molybdenum	96-1	14087	13523	14147	13919	2.47	cps
Molybdenum	97-1	3220	3204	3150	3191	1.15	cps
Molybdenum	98-1	7839	8069	8066	7991	1.65	cps
Neodymium	150-1	62431	64041	65052	63841	2.07	cps
Neodymium	150-2	34362	33954	33881	34065	0.76	cps
Nickel	60-2	104034	102702	103823	103519	0.69	cps
Phosphorus	31-2	11248	11424	11184	11285	1.10	cps
Potassium	39-2	2075677	2054149	2109810	2079879	1.35	cps
Rhodium	103-1	9220231	9245566	9210388	9225395	0.20	cps
Rhodium	103-2	5073926	4998588	5056662	5043059	0.78	cps
Scandium	45-1	5487840	5473756	5428127	5463241	0.57	cps
Scandium	45-2	447293	441063	441018	443125	0.81	cps
Selenium	82-1	459	468	434	454	3.83	cps
Selenium	77-2	60	63	83	69	18.32	cps
Selenium	78-2	227	187	197	203	10.24	cps
Silicon	28-1	10017372	10154451	10038036	10069953	0.73	cps
Silver	107-1	2790	2957	2814	2854	3.16	cps
Silver	109-1	2544	2637	2720	2634	3.36	cps
Sodium	23-2	45815	45270	44768	45284	1.16	cps
Strontium	86-1	81350	82573	83330	82418	1.21	cps
Strontium	88-1	711222	723224	722418	718955	0.93	cps
Sulfur	34-1	109237	108038	107578	108284	0.79	cps
Terbium	159-1	14807223	14907098	14776016	14830112	0.46	cps
Terbium	159-2	9162180	9212747	9065517	9146815	0.82	cps
Thallium	203-1	1417	1420	1440	1426	0.89	cps
Thallium	205-1	3294	3304	3394	3330	1.65	cps
Tin	118-1	14080	14671	14497	14416	2.11	cps
Titanium	47-1	361671	367341	366244	365085	0.82	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-13	Instrumnet Name :	P7
Client Sample ID :	MYD5B9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:40:19	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18193	18349	17688	18077	1.91	cps
Vanadium	51-2	558115	557837	556061	557338	0.20	cps
Yttrium	89-1	11300530	11429691	11318381	11349534	0.62	cps
Yttrium	89-2	2642228	2607701	2578471	2609467	1.22	cps
Zinc	66-2	109302	110703	110827	110277	0.77	cps
Zirconium	90-1	74320	74933	76334	75195	1.37	cps
Zirconium	91-1	17240	16823	17043	17036	1.22	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-14	Instrumnet Name :	P7
Client Sample ID :	MYD5C0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:43:29	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5382814	5300330	5338842	5340662	0.77	cps
Antimony	121-1	23573	23993	24407	23991	1.74	cps
Arsenic	75-2	248629	246910	247080	247540	0.38	cps
Barium	135-1	430347	437926	437896	435390	1.00	cps
Barium	137-1	741027	753850	752274	749050	0.93	cps
Beryllium	9-1	950	1013	983	982	3.23	cps
Bismuth	209-1	8756358	8769948	8718334	8748213	0.31	cps
Bismuth	209-2	6692098	6568767	6597466	6619444	0.97	cps
Bromine	81-1	7412	7552	7652	7539	1.60	cps
Bromine	81-2	200	213	233	216	7.78	cps
Cadmium	108-1	277	153	170	200	33.46	cps
Cadmium	106-1	3137	3247	3057	3147	3.03	cps
Cadmium	111-1	3006	3042	3044	3031	0.72	cps
Calcium	43-1	319684	323216	322628	321843	0.59	cps
Calcium	44-1	4712576	4821154	4851425	4795052	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	415185	410004	412579	412589	0.63	cps
Cobalt	59-2	268844	267895	267103	267947	0.33	cps
Copper	63-2	406583	406685	406270	406513	0.05	cps
Dysprosium	156-1	43935	44256	44109	44100	0.36	cps
Dysprosium	156-2	32123	31722	31813	31886	0.66	cps
Erbium	164-1	36859	37387	37888	37378	1.38	cps
Erbium	164-2	24749	24331	24411	24497	0.90	cps
Gadolinium	160-1	42598	43507	43491	43199	1.20	cps
Gadolinium	160-2	29327	29932	30066	29775	1.32	cps
Holmium	165-1	14382251	14336062	14326549	14348288	0.21	cps
Holmium	165-2	9399470	9294604	9293060	9329045	0.65	cps
Indium	115-1	10418421	10524500	10488470	10477130	0.51	cps
Indium	115-2	3288727	3229011	3258383	3258707	0.92	cps
Iron	56-2	300656096	299039502	298662469	299452689	0.35	cps
Iron	57-2	7504291	7390927	7379549	7424922	0.93	cps
Iron	54-2	16305415	16257083	16163356	16241951	0.44	cps
Krypton	83-1	190	147	163	167	13.11	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-14	Instrumnet Name :	P7
Client Sample ID :	MYD5C0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:43:29	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	114425	115203	116120	115249	0.74	cps
Lead	207-1	96862	97896	98460	97739	0.83	cps
Lead	208-1	445096	449638	451743	448826	0.76	cps
Lithium	6-1	2054035	2031953	2014125	2033371	0.98	cps
Magnesium	24-2	5505618	5452056	5433435	5463703	0.69	cps
Manganese	55-2	4510013	4443385	4471120	4474839	0.75	cps
Molybdenum	94-1	30605	31986	31133	31242	2.23	cps
Molybdenum	95-1	6878	7182	7038	7033	2.16	cps
Molybdenum	96-1	16066	16796	17190	16684	3.42	cps
Molybdenum	97-1	4421	4474	4537	4477	1.30	cps
Molybdenum	98-1	10951	11415	11351	11239	2.24	cps
Neodymium	150-1	66235	67313	67698	67082	1.13	cps
Neodymium	150-2	36266	35785	36985	36346	1.66	cps
Nickel	60-2	118369	117828	117476	117891	0.38	cps
Phosphorus	31-2	12418	12252	12789	12486	2.20	cps
Potassium	39-2	1053687	1048690	1051986	1051455	0.24	cps
Rhodium	103-1	9130716	9222687	9174350	9175918	0.50	cps
Rhodium	103-2	5038345	4976446	5043415	5019402	0.74	cps
Scandium	45-1	5460947	5511748	5492927	5488541	0.47	cps
Scandium	45-2	451201	444857	446271	447443	0.74	cps
Selenium	82-1	412	445	443	433	4.17	cps
Selenium	77-2	103	90	63	86	23.81	cps
Selenium	78-2	213	173	203	197	10.58	cps
Silicon	28-1	6537919	6670426	6675079	6627808	1.18	cps
Silver	107-1	900	897	867	888	2.07	cps
Silver	109-1	703	727	760	730	3.90	cps
Sodium	23-2	63323	63594	64103	63673	0.62	cps
Strontium	86-1	130912	132449	133223	132195	0.89	cps
Strontium	88-1	1146147	1163790	1171928	1160622	1.14	cps
Sulfur	34-1	111040	113128	113054	112407	1.05	cps
Terbium	159-1	14751380	14807185	14618946	14725837	0.66	cps
Terbium	159-2	9223243	9155233	9071638	9150038	0.83	cps
Thallium	203-1	840	800	803	814	2.72	cps
Thallium	205-1	2144	2254	2220	2206	2.56	cps
Tin	118-1	13373	13493	13673	13513	1.12	cps
Titanium	47-1	193231	198196	197335	196254	1.35	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-14	Instrumnet Name :	P7
Client Sample ID :	MYD5C0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:43:29	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20245	20646	21033	20642	1.91	cps
Vanadium	51-2	694144	691585	695691	693807	0.30	cps
Yttrium	89-1	11396109	11307768	11286461	11330113	0.51	cps
Yttrium	89-2	2634159	2631664	2634517	2633447	0.06	cps
Zinc	66-2	94664	95264	94459	94796	0.44	cps
Zirconium	90-1	71754	73653	73479	72962	1.44	cps
Zirconium	91-1	16499	17094	17043	16879	1.95	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:49:27	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5512553	5465571	5433173	5470432	0.73	cps
Antimony	121-1	3142333	3176488	3133698	3150840	0.72	cps
Arsenic	75-2	125158	125838	125844	125613	0.31	cps
Barium	135-1	4414740	4461945	4444681	4440456	0.54	cps
Barium	137-1	7496285	7620009	7560422	7558905	0.82	cps
Beryllium	9-1	481157	489033	488765	486318	0.92	cps
Bismuth	209-1	8301303	8314415	8123589	8246436	1.29	cps
Bismuth	209-2	6216794	6023222	6163973	6134663	1.63	cps
Bromine	81-1	7038	6635	6745	6806	3.06	cps
Bromine	81-2	37	50	73	53	34.79	cps
Cadmium	108-1	55522	56141	55900	55855	0.56	cps
Cadmium	106-1	81557	81939	80970	81489	0.60	cps
Cadmium	111-1	741326	743623	741181	742044	0.18	cps
Calcium	43-1	3726452	3733922	3765679	3742018	0.56	cps
Calcium	44-1	59297996	59900442	60114491	59770976	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	987181	984902	984081	985388	0.16	cps
Cobalt	59-2	1489457	1490694	1493855	1491335	0.15	cps
Copper	63-2	10403975	10345569	10489562	10413035	0.70	cps
Dysprosium	156-1	247	207	197	217	12.21	cps
Dysprosium	156-2	213	253	310	259	18.76	cps
Erbium	164-1	243	210	230	228	7.37	cps
Erbium	164-2	117	157	153	142	15.61	cps
Gadolinium	160-1	133	163	167	154	11.89	cps
Gadolinium	160-2	383	443	503	443	13.53	cps
Holmium	165-1	14134585	13983797	13773189	13963857	1.30	cps
Holmium	165-2	9053457	8965710	9034184	9017784	0.51	cps
Indium	115-1	9667067	9749002	9489802	9635290	1.38	cps
Indium	115-2	3015366	2950935	2961549	2975950	1.16	cps
Iron	56-2	217456417	213274417	217302890	216011241	1.10	cps
Iron	57-2	5474652	5391986	5362269	5409636	1.08	cps
Iron	54-2	11707651	11659121	11768016	11711596	0.47	cps
Krypton	83-1	90	107	93	97	9.13	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:49:27	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13400690	13358641	13349804	13369712	0.20	cps
Lead	207-1	11785916	11854421	11934448	11858262	0.63	cps
Lead	208-1	53520488	53811648	53658992	53663709	0.27	cps
Lithium	6-1	1888128	1923988	1921213	1911110	1.04	cps
Magnesium	24-2	44830391	44684909	44332259	44615853	0.57	cps
Manganese	55-2	7618847	7585742	7697486	7634025	0.75	cps
Molybdenum	94-1	10789837	10797428	10757744	10781670	0.20	cps
Molybdenum	95-1	15661841	15806090	15635289	15701074	0.59	cps
Molybdenum	96-1	17110527	17172926	17195181	17159544	0.26	cps
Molybdenum	97-1	9872327	9866057	9972259	9903548	0.60	cps
Molybdenum	98-1	25502955	25677518	25719143	25633205	0.45	cps
Neodymium	150-1	317	340	397	351	11.72	cps
Neodymium	150-2	127	100	80	102	22.91	cps
Nickel	60-2	366018	362098	369783	365966	1.05	cps
Phosphorus	31-2	54540	54336	55152	54676	0.78	cps
Potassium	39-2	27947671	27601174	27946807	27831884	0.72	cps
Rhodium	103-1	8214218	8182848	8108071	8168379	0.67	cps
Rhodium	103-2	4432990	4384881	4400268	4406047	0.56	cps
Scandium	45-1	4819765	4847625	4783511	4816967	0.67	cps
Scandium	45-2	390845	387926	392564	390445	0.60	cps
Selenium	82-1	41737	42362	41540	41880	1.03	cps
Selenium	77-2	3427	3634	3490	3517	3.01	cps
Selenium	78-2	12288	12262	12629	12393	1.65	cps
Silicon	28-1	4811025	4819998	4820518	4817180	0.11	cps
Silver	107-1	3635639	3589890	3566251	3597260	0.98	cps
Silver	109-1	3449643	3395127	3442288	3429019	0.86	cps
Sodium	23-2	76275541	75767441	75380357	75807779	0.59	cps
Strontium	86-1	24211256	24249637	24406182	24289025	0.43	cps
Strontium	88-1	211931230	212910837	215379977	213407348	0.83	cps
Sulfur	34-1	322270	324618	322105	322998	0.44	cps
Terbium	159-1	14384046	14283081	14146986	14271371	0.83	cps
Terbium	159-2	8759508	8763038	8693657	8738734	0.45	cps
Thallium	203-1	3373784	3375346	3372077	3373736	0.05	cps
Thallium	205-1	7934611	7987291	8047369	7989757	0.71	cps
Tin	118-1	2687087	2691871	2697020	2691993	0.18	cps
Titanium	47-1	3487283	3510930	3511567	3503260	0.40	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:49:27	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11478768	11545050	11460594	11494804	0.39	cps
Vanadium	51-2	892020	890956	883040	888672	0.55	cps
Yttrium	89-1	10466634	10270276	10229049	10321986	1.23	cps
Yttrium	89-2	2335147	2322481	2339451	2332360	0.38	cps
Zinc	66-2	1701587	1737374	1741406	1726789	1.27	cps
Zirconium	90-1	5148409	5145050	5173432	5155630	0.30	cps
Zirconium	91-1	1163199	1162908	1163451	1163186	0.02	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:52:15	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153	163	177	164	7.12	cps
Antimony	121-1	2604	2670	2910	2728	5.91	cps
Arsenic	75-2	17	13	10	13	25.01	cps
Barium	135-1	117	100	160	126	24.67	cps
Barium	137-1	290	223	270	261	13.10	cps
Beryllium	9-1	210	190	203	201	5.06	cps
Bismuth	209-1	9372080	9321944	9184793	9292939	1.04	cps
Bismuth	209-2	7031646	6962862	7038743	7011084	0.60	cps
Bromine	81-1	6922	7098	6968	6996	1.31	cps
Bromine	81-2	33	43	30	36	19.51	cps
Cadmium	108-1	13	20	10	14	35.26	cps
Cadmium	106-1	2750	3057	2800	2869	5.74	cps
Cadmium	111-1	1963	2166	2003	2044	5.27	cps
Calcium	43-1	193	247	213	218	12.37	cps
Calcium	44-1	4011	3807	3794	3871	3.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	360	270	353	328	15.30	cps
Cobalt	59-2	160	123	93	126	26.59	cps
Copper	63-2	833	850	787	823	3.99	cps
Dysprosium	156-1	43	20	20	28	48.49	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	113	117	110	113	2.94	cps
Erbium	164-2	50	50	50	50	0.00	cps
Gadolinium	160-1	47	33	43	41	16.89	cps
Gadolinium	160-2	347	380	357	361	4.74	cps
Holmium	165-1	14474193	14297669	14240995	14337619	0.85	cps
Holmium	165-2	9443219	9396210	9549476	9462968	0.83	cps
Indium	115-1	10692308	10633568	10710205	10678694	0.38	cps
Indium	115-2	3315259	3345225	3388231	3349572	1.10	cps
Iron	56-2	14661	14844	14547	14684	1.02	cps
Iron	57-2	663	710	677	683	3.52	cps
Iron	54-2	1347	1377	1407	1377	2.18	cps
Krypton	83-1	113	120	143	126	12.55	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:52:15	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1777	1617	1470	1621	9.46	cps
Lead	207-1	1570	1243	1293	1369	12.85	cps
Lead	208-1	6827	6014	5814	6218	8.63	cps
Lithium	6-1	2019857	2028974	2027078	2025303	0.24	cps
Magnesium	24-2	1533	1240	1327	1367	11.03	cps
Manganese	55-2	520	580	550	550	5.45	cps
Molybdenum	94-1	1070	897	990	986	8.80	cps
Molybdenum	95-1	830	850	713	798	9.25	cps
Molybdenum	96-1	1097	923	880	967	11.86	cps
Molybdenum	97-1	587	463	540	530	11.75	cps
Molybdenum	98-1	1463	1170	1250	1295	11.71	cps
Neodymium	150-1	10	10	10	10	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	70	70	70	70	0.00	cps
Phosphorus	31-2	123	87	77	96	25.71	cps
Potassium	39-2	30307	30574	31028	30636	1.19	cps
Rhodium	103-1	9355608	9325115	9232565	9304429	0.69	cps
Rhodium	103-2	5141124	5208549	5183933	5177869	0.66	cps
Scandium	45-1	5080103	5085905	5050940	5072316	0.37	cps
Scandium	45-2	416756	414248	418025	416343	0.46	cps
Selenium	82-1	360	379	333	357	6.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	63	117	77	86	32.44	cps
Silicon	28-1	126087	125965	126980	126344	0.44	cps
Silver	107-1	1110	927	580	872	30.86	cps
Silver	109-1	1063	747	523	778	34.89	cps
Sodium	23-2	16082	16058	15641	15927	1.56	cps
Strontium	86-1	707	597	503	602	16.90	cps
Strontium	88-1	4734	3724	3020	3826	22.52	cps
Sulfur	34-1	116359	117494	119166	117673	1.20	cps
Terbium	159-1	14839387	14780597	14556625	14725537	1.01	cps
Terbium	159-2	9232425	9210381	9268402	9237070	0.32	cps
Thallium	203-1	753	577	487	606	22.40	cps
Thallium	205-1	1767	1350	1367	1495	15.79	cps
Tin	118-1	1110	1343	1550	1335	16.50	cps
Titanium	47-1	190	187	190	189	1.02	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:52:15	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	270	200	177	216	22.54	cps
Vanadium	51-2	27	27	23	26	7.55	cps
Yttrium	89-1	10736562	10717636	10762189	10738796	0.21	cps
Yttrium	89-2	2521121	2536363	2503889	2520458	0.64	cps
Zinc	66-2	340	337	317	331	3.81	cps
Zirconium	90-1	1750	1650	1520	1640	7.03	cps
Zirconium	91-1	360	330	410	367	11.02	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-15	Instrumnet Name :	P7
Client Sample ID :	MYD5C1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:55:33	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9291343	9209254	9247711	9249436	0.44	cps
Antimony	121-1	16269	16480	16249	16333	0.78	cps
Arsenic	75-2	137237	135976	135831	136348	0.57	cps
Barium	135-1	724242	742142	739887	735424	1.33	cps
Barium	137-1	1260150	1281751	1293170	1278357	1.31	cps
Beryllium	9-1	1477	1437	1477	1463	1.58	cps
Bismuth	209-1	9123585	9176323	9284212	9194707	0.89	cps
Bismuth	209-2	6843964	6877554	6847668	6856395	0.27	cps
Bromine	81-1	8676	8809	9130	8872	2.63	cps
Bromine	81-2	230	227	270	242	9.96	cps
Cadmium	108-1	267	270	360	299	17.72	cps
Cadmium	106-1	3847	3567	3520	3645	4.85	cps
Cadmium	111-1	4950	4872	4779	4867	1.76	cps
Calcium	43-1	142171	143938	146418	144176	1.48	cps
Calcium	44-1	2102534	2180664	2178584	2153927	2.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	762139	762155	762846	762380	0.05	cps
Cobalt	59-2	318811	317216	317346	317791	0.28	cps
Copper	63-2	759788	764086	762018	761964	0.28	cps
Dysprosium	156-1	51818	51832	52558	52069	0.81	cps
Dysprosium	156-2	37320	37707	37660	37562	0.56	cps
Erbium	164-1	43551	43869	44290	43903	0.84	cps
Erbium	164-2	28923	28643	28763	28776	0.49	cps
Gadolinium	160-1	48898	49782	50511	49730	1.62	cps
Gadolinium	160-2	34242	33857	34041	34047	0.56	cps
Holmium	165-1	14825085	15155104	15124051	15034747	1.21	cps
Holmium	165-2	9837461	9783894	9790375	9803910	0.30	cps
Indium	115-1	10708557	10955051	10906523	10856710	1.20	cps
Indium	115-2	3420432	3375471	3369710	3388538	0.82	cps
Iron	56-2	352155848	347175555	347861661	349064355	0.77	cps
Iron	57-2	8686895	8551005	8612433	8616778	0.79	cps
Iron	54-2	18779186	18886118	18744287	18803197	0.39	cps
Krypton	83-1	160	110	120	130	20.35	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-15	Instrumnet Name :	P7
Client Sample ID :	MYD5C1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:55:33	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	310397	316564	318142	315035	1.30	cps
Lead	207-1	274003	276381	279261	276548	0.95	cps
Lead	208-1	1236944	1257799	1265272	1253338	1.17	cps
Lithium	6-1	2116261	2122197	2119508	2119322	0.14	cps
Magnesium	24-2	10303108	10348055	10279034	10310065	0.34	cps
Manganese	55-2	5550857	5536247	5511406	5532837	0.36	cps
Molybdenum	94-1	36532	37478	37120	37043	1.29	cps
Molybdenum	95-1	6912	6975	6958	6948	0.47	cps
Molybdenum	96-1	17868	17871	18365	18035	1.59	cps
Molybdenum	97-1	4191	4314	4371	4292	2.15	cps
Molybdenum	98-1	10867	10928	11161	10985	1.41	cps
Neodymium	150-1	79167	81041	82342	80850	1.97	cps
Neodymium	150-2	43818	43530	43915	43754	0.46	cps
Nickel	60-2	164660	163982	163965	164202	0.24	cps
Phosphorus	31-2	14437	14624	14624	14561	0.74	cps
Potassium	39-2	2747260	2784579	2780814	2770885	0.74	cps
Rhodium	103-1	9444017	9488985	9629328	9520777	1.02	cps
Rhodium	103-2	5324942	5253587	5241709	5273413	0.85	cps
Scandium	45-1	5739868	5760791	5924951	5808537	1.74	cps
Scandium	45-2	487055	479774	477156	481328	1.07	cps
Selenium	82-1	450	557	552	519	11.60	cps
Selenium	77-2	107	147	80	111	30.20	cps
Selenium	78-2	233	223	230	229	2.22	cps
Silicon	28-1	8184462	8336553	8416878	8312631	1.42	cps
Silver	107-1	5394	5498	5218	5370	2.64	cps
Silver	109-1	5168	4914	4761	4948	4.15	cps
Sodium	23-2	64772	66871	66539	66061	1.71	cps
Strontium	86-1	115384	118633	118186	117401	1.50	cps
Strontium	88-1	1015445	1034504	1042143	1030697	1.33	cps
Sulfur	34-1	128677	128824	128642	128714	0.08	cps
Terbium	159-1	15473731	15272216	15655042	15466997	1.24	cps
Terbium	159-2	9704160	9591573	9592493	9629409	0.67	cps
Thallium	203-1	2780	3044	2727	2850	5.95	cps
Thallium	205-1	7039	7055	6658	6917	3.25	cps
Tin	118-1	16743	17297	17584	17208	2.48	cps
Titanium	47-1	402169	408979	414283	408477	1.49	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-15	Instrumnet Name :	P7
Client Sample ID :	MYD5C1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:55:33	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21858	22883	22923	22555	2.68	cps
Vanadium	51-2	793802	787738	783916	788485	0.63	cps
Yttrium	89-1	11722393	11802811	11965619	11830274	1.05	cps
Yttrium	89-2	2812095	2813856	2738361	2788104	1.55	cps
Zinc	66-2	133267	133187	132084	132846	0.50	cps
Zirconium	90-1	88099	89222	89229	88850	0.73	cps
Zirconium	91-1	20060	20047	20104	20070	0.15	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-16	Instrumnet Name :	P7
Client Sample ID :	MYD5C2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:58:44	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6334944	6370636	6320386	6341989	0.41	cps
Antimony	121-1	14361	15131	15045	14846	2.84	cps
Arsenic	75-2	114658	116153	114480	115097	0.80	cps
Barium	135-1	807604	808422	819988	812005	0.85	cps
Barium	137-1	1400891	1413206	1432555	1415550	1.13	cps
Beryllium	9-1	1927	1910	2054	1963	3.99	cps
Bismuth	209-1	8688489	9290414	9261964	9080289	3.74	cps
Bismuth	209-2	6818407	6974080	6946504	6912997	1.20	cps
Bromine	81-1	9893	10204	10290	10129	2.06	cps
Bromine	81-2	417	417	427	420	1.37	cps
Cadmium	108-1	293	307	330	310	5.99	cps
Cadmium	106-1	3974	3957	3877	3936	1.31	cps
Cadmium	111-1	3360	3359	3260	3326	1.73	cps
Calcium	43-1	348189	352513	356173	352292	1.13	cps
Calcium	44-1	5183816	5265216	5292475	5247169	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	390215	389527	394255	391332	0.65	cps
Cobalt	59-2	257561	256506	257936	257334	0.29	cps
Copper	63-2	403372	399075	397389	399945	0.77	cps
Dysprosium	156-1	62210	61916	62408	62178	0.40	cps
Dysprosium	156-2	46079	45637	45396	45704	0.76	cps
Erbium	164-1	48447	47745	49126	48439	1.43	cps
Erbium	164-2	30834	31469	31699	31334	1.43	cps
Gadolinium	160-1	54716	55911	55894	55507	1.23	cps
Gadolinium	160-2	37971	38302	37236	37837	1.44	cps
Holmium	165-1	14283581	15114347	15030069	14809333	3.09	cps
Holmium	165-2	9624355	9875949	9821791	9774032	1.35	cps
Indium	115-1	10327564	11044687	10974672	10782307	3.67	cps
Indium	115-2	3385757	3399071	3399833	3394887	0.23	cps
Iron	56-2	275818216	271706183	270574496	272699631	1.01	cps
Iron	57-2	6747727	6763935	6696802	6736155	0.52	cps
Iron	54-2	14856544	14632578	14840692	14776605	0.85	cps
Krypton	83-1	163	157	150	157	4.26	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-16	Instrumnet Name :	P7
Client Sample ID :	MYD5C2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:58:44	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	129465	130007	131222	130232	0.69	cps
Lead	207-1	111069	112575	113251	112298	0.99	cps
Lead	208-1	511438	513440	517147	514008	0.56	cps
Lithium	6-1	2013075	2130843	2137347	2093755	3.34	cps
Magnesium	24-2	5123049	5063371	5136374	5107598	0.76	cps
Manganese	55-2	5987014	5921794	5956726	5955178	0.55	cps
Molybdenum	94-1	92027	92291	94002	92773	1.16	cps
Molybdenum	95-1	5304	5294	5431	5343	1.43	cps
Molybdenum	96-1	24377	25382	25095	24951	2.07	cps
Molybdenum	97-1	3320	3034	3097	3150	4.78	cps
Molybdenum	98-1	8209	8222	8142	8191	0.52	cps
Neodymium	150-1	103748	103839	105236	104274	0.80	cps
Neodymium	150-2	55703	56583	56727	56337	0.98	cps
Nickel	60-2	132142	130431	132062	131545	0.73	cps
Phosphorus	31-2	13106	12529	13373	13002	3.32	cps
Potassium	39-2	1483769	1468106	1479752	1477209	0.55	cps
Rhodium	103-1	9037429	9632100	9635503	9435011	3.65	cps
Rhodium	103-2	5279062	5289221	5343330	5303871	0.65	cps
Scandium	45-1	5493530	5798881	5781630	5691347	3.01	cps
Scandium	45-2	464566	471512	471737	469272	0.87	cps
Selenium	82-1	508	450	485	481	6.15	cps
Selenium	77-2	103	113	97	104	8.03	cps
Selenium	78-2	187	187	240	204	15.06	cps
Silicon	28-1	10124227	10066473	10292530	10161077	1.16	cps
Silver	107-1	2100	2354	2444	2299	7.74	cps
Silver	109-1	2007	2040	2120	2056	2.83	cps
Sodium	23-2	80539	80666	81702	80969	0.79	cps
Strontium	86-1	168387	168877	169716	168993	0.40	cps
Strontium	88-1	1459838	1493281	1481161	1478094	1.15	cps
Sulfur	34-1	127197	128424	128101	127908	0.50	cps
Terbium	159-1	14567591	15551862	15519171	15212875	3.67	cps
Terbium	159-2	9492017	9582579	9541777	9538791	0.48	cps
Thallium	203-1	2530	2324	2324	2392	4.99	cps
Thallium	205-1	5725	5741	6038	5835	3.02	cps
Tin	118-1	18862	18742	19049	18885	0.82	cps
Titanium	47-1	650348	660672	667358	659459	1.30	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-16	Instrumnet Name :	P7
Client Sample ID :	MYD5C2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 19:58:44	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21711	21668	22179	21852	1.30	cps
Vanadium	51-2	571718	567452	570390	569854	0.38	cps
Yttrium	89-1	11264291	12074696	11950116	11763034	3.71	cps
Yttrium	89-2	2763890	2773867	2791620	2776459	0.51	cps
Zinc	66-2	85335	84634	85144	85038	0.43	cps
Zirconium	90-1	239269	244221	245926	243139	1.42	cps
Zirconium	91-1	53360	55126	55682	54723	2.22	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-17	Instrumnet Name :	P7
Client Sample ID :	MYD5C3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:01:53	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5739320	5676513	5645887	5687240	0.84	cps
Antimony	121-1	17424	17618	17908	17650	1.38	cps
Arsenic	75-2	175075	171977	172867	173306	0.92	cps
Barium	135-1	913545	929461	929387	924131	0.99	cps
Barium	137-1	1647571	1678755	1692462	1672929	1.38	cps
Beryllium	9-1	1853	2043	1913	1937	5.02	cps
Bismuth	209-1	9012969	9079110	9071368	9054483	0.40	cps
Bismuth	209-2	6683878	6665688	6629309	6659625	0.42	cps
Bromine	81-1	11298	12022	12018	11779	3.54	cps
Bromine	81-2	837	900	720	819	11.15	cps
Cadmium	108-1	270	333	333	312	11.71	cps
Cadmium	106-1	4017	4027	3931	3992	1.33	cps
Cadmium	111-1	4713	4696	4602	4670	1.29	cps
Calcium	43-1	1224984	1246553	1254504	1242014	1.23	cps
Calcium	44-1	18464233	18587966	18656047	18569416	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1191783	1187704	1181684	1187057	0.43	cps
Cobalt	59-2	265968	261834	261029	262943	1.01	cps
Copper	63-2	367089	363235	364104	364809	0.55	cps
Dysprosium	156-1	92224	92663	91767	92218	0.49	cps
Dysprosium	156-2	65816	67196	66620	66544	1.04	cps
Erbium	164-1	73603	74980	75184	74589	1.15	cps
Erbium	164-2	47176	48246	47651	47691	1.12	cps
Gadolinium	160-1	82712	85173	83802	83896	1.47	cps
Gadolinium	160-2	56550	55724	55392	55889	1.07	cps
Holmium	165-1	14889556	14951701	14858103	14899787	0.32	cps
Holmium	165-2	9451855	9402805	9488227	9447629	0.45	cps
Indium	115-1	10918173	10934905	10852512	10901864	0.40	cps
Indium	115-2	3314955	3272775	3286847	3291526	0.65	cps
Iron	56-2	306681762	302053202	303152195	303962387	0.80	cps
Iron	57-2	7584380	7458381	7493680	7512147	0.87	cps
Iron	54-2	16619594	16369401	16320339	16436444	0.98	cps
Krypton	83-1	183	167	190	180	6.68	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-17	Instrumnet Name :	P7
Client Sample ID :	MYD5C3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:01:53	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	656095	664207	669281	663194	1.00	cps
Lead	207-1	590069	598610	600820	596500	0.95	cps
Lead	208-1	2627194	2651912	2675753	2651620	0.92	cps
Lithium	6-1	2106726	2143314	2147471	2132504	1.05	cps
Magnesium	24-2	7463177	7370355	7387077	7406869	0.67	cps
Manganese	55-2	11934965	11912662	11822555	11890061	0.50	cps
Molybdenum	94-1	55317	56314	55993	55875	0.91	cps
Molybdenum	95-1	8352	8536	8082	8324	2.74	cps
Molybdenum	96-1	21983	21469	22230	21894	1.77	cps
Molybdenum	97-1	5078	5268	5034	5127	2.42	cps
Molybdenum	98-1	13193	13470	13253	13305	1.09	cps
Neodymium	150-1	137159	139563	140872	139198	1.35	cps
Neodymium	150-2	75139	73624	74458	74407	1.02	cps
Nickel	60-2	323728	320110	318533	320790	0.83	cps
Phosphorus	31-2	10794	10517	10667	10659	1.30	cps
Potassium	39-2	603677	598379	599705	600587	0.46	cps
Rhodium	103-1	9468703	9489073	9468685	9475487	0.12	cps
Rhodium	103-2	5078962	5038591	5094717	5070756	0.57	cps
Scandium	45-1	5749594	5795153	5757568	5767438	0.42	cps
Scandium	45-2	454606	457910	462292	458270	0.84	cps
Selenium	82-1	440	517	426	461	10.65	cps
Selenium	77-2	197	163	170	177	9.98	cps
Selenium	78-2	287	227	200	238	18.67	cps
Silicon	28-1	12711675	13000459	12945319	12885818	1.19	cps
Silver	107-1	907	927	983	939	4.24	cps
Silver	109-1	723	787	793	768	5.03	cps
Sodium	23-2	1582086	1592929	1558265	1577760	1.12	cps
Strontium	86-1	227660	229284	231670	229538	0.88	cps
Strontium	88-1	2001549	2044793	2067535	2037959	1.64	cps
Sulfur	34-1	148644	148550	148163	148453	0.17	cps
Terbium	159-1	15402660	15493691	15515435	15470596	0.39	cps
Terbium	159-2	9239805	9285865	9399672	9308447	0.88	cps
Thallium	203-1	2340	2270	2310	2307	1.52	cps
Thallium	205-1	5261	5124	5464	5283	3.24	cps
Tin	118-1	15578	16473	16580	16210	3.39	cps
Titanium	47-1	427106	435912	432803	431940	1.03	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-17	Instrumnet Name :	P7
Client Sample ID :	MYD5C3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:01:53	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18440	18600	18707	18582	0.72	cps
Vanadium	51-2	521952	517348	517765	519021	0.49	cps
Yttrium	89-1	12218039	12367561	12221039	12268879	0.70	cps
Yttrium	89-2	2733650	2768536	2795288	2765825	1.12	cps
Zinc	66-2	114451	112516	112076	113014	1.12	cps
Zirconium	90-1	135669	139854	139148	138224	1.62	cps
Zirconium	91-1	31003	31527	31664	31398	1.11	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-18	Instrumnet Name :	P7
Client Sample ID :	MYD5C4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:05:04	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5842449	5699351	5741145	5760981	1.28	cps
Antimony	121-1	8373	8176	8606	8385	2.57	cps
Arsenic	75-2	92338	93327	91335	92333	1.08	cps
Barium	135-1	648268	648277	646785	647777	0.13	cps
Barium	137-1	1111372	1124252	1124983	1120202	0.68	cps
Beryllium	9-1	970	950	910	943	3.24	cps
Bismuth	209-1	9143357	9042897	8979941	9055398	0.91	cps
Bismuth	209-2	6750060	6794410	6824463	6789644	0.55	cps
Bromine	81-1	9683	9690	9620	9664	0.40	cps
Bromine	81-2	373	360	357	363	2.43	cps
Cadmium	108-1	183	180	153	172	9.55	cps
Cadmium	106-1	3474	3354	3274	3367	2.99	cps
Cadmium	111-1	3447	3452	3268	3389	3.09	cps
Calcium	43-1	142003	143766	143097	142955	0.62	cps
Calcium	44-1	2146448	2150703	2165859	2154337	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	458277	453335	449956	453856	0.92	cps
Cobalt	59-2	212222	212201	210198	211540	0.55	cps
Copper	63-2	384024	385217	381248	383496	0.53	cps
Dysprosium	156-1	36394	36985	36688	36689	0.81	cps
Dysprosium	156-2	26371	26004	25810	26062	1.09	cps
Erbium	164-1	33193	33550	33544	33429	0.61	cps
Erbium	164-2	21270	21597	21126	21331	1.13	cps
Gadolinium	160-1	35147	35856	35979	35661	1.26	cps
Gadolinium	160-2	24298	24064	23917	24093	0.80	cps
Holmium	165-1	14918436	14878271	14442358	14746355	1.79	cps
Holmium	165-2	9443219	9649500	9556263	9549660	1.08	cps
Indium	115-1	10905920	10865874	10742696	10838163	0.78	cps
Indium	115-2	3292444	3348926	3319747	3320372	0.85	cps
Iron	56-2	239264503	239246450	239317783	239276245	0.02	cps
Iron	57-2	5928998	5911610	5936604	5925737	0.22	cps
Iron	54-2	12982941	13086359	12934366	13001222	0.60	cps
Krypton	83-1	173	130	157	153	14.26	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-18	Instrumnet Name :	P7
Client Sample ID :	MYD5C4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:05:04	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	132343	134723	134073	133713	0.92	cps
Lead	207-1	116655	116312	115667	116212	0.43	cps
Lead	208-1	526511	528825	528792	528043	0.25	cps
Lithium	6-1	2122754	2134539	2111762	2123018	0.54	cps
Magnesium	24-2	6187499	6095380	6048624	6110501	1.16	cps
Manganese	55-2	3686002	3660047	3694762	3680271	0.49	cps
Molybdenum	94-1	23112	23479	23606	23399	1.10	cps
Molybdenum	95-1	4421	4454	4474	4450	0.61	cps
Molybdenum	96-1	12032	12075	12072	12060	0.20	cps
Molybdenum	97-1	2650	2664	2844	2719	3.97	cps
Molybdenum	98-1	7002	7289	6815	7035	3.39	cps
Neodymium	150-1	55897	56817	56774	56496	0.92	cps
Neodymium	150-2	30730	29538	30733	30334	2.27	cps
Nickel	60-2	101044	100889	101068	101000	0.10	cps
Phosphorus	31-2	11318	10861	11278	11152	2.27	cps
Potassium	39-2	1905641	1928235	1901457	1911778	0.75	cps
Rhodium	103-1	9630187	9493547	9391944	9505226	1.26	cps
Rhodium	103-2	5189425	5130579	5174055	5164686	0.59	cps
Scandium	45-1	5711714	5704160	5650865	5688913	0.58	cps
Scandium	45-2	456381	455190	452820	454797	0.40	cps
Selenium	82-1	383	496	447	442	12.76	cps
Selenium	77-2	83	97	70	83	16.00	cps
Selenium	78-2	233	170	167	190	19.77	cps
Silicon	28-1	15850241	16028130	15837429	15905267	0.67	cps
Silver	107-1	1213	1230	1403	1282	8.21	cps
Silver	109-1	1347	1217	1227	1263	5.73	cps
Sodium	23-2	86246	87627	85924	86599	1.04	cps
Strontium	86-1	103302	103863	103849	103672	0.31	cps
Strontium	88-1	903374	905228	908221	905608	0.27	cps
Sulfur	34-1	132270	130636	130999	131302	0.65	cps
Terbium	159-1	15216374	15108068	15075284	15133242	0.49	cps
Terbium	159-2	9290052	9287630	9285133	9287605	0.03	cps
Thallium	203-1	1043	1260	1137	1147	9.48	cps
Thallium	205-1	2784	2624	2664	2690	3.10	cps
Tin	118-1	24047	24304	23897	24082	0.86	cps
Titanium	47-1	325058	328921	325496	326492	0.65	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-18	Instrumnet Name :	P7
Client Sample ID :	MYD5C4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:05:04	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13874	14084	14021	13993	0.77	cps
Vanadium	51-2	558776	559055	553467	557100	0.57	cps
Yttrium	89-1	11800659	11650746	11619429	11690278	0.83	cps
Yttrium	89-2	2647999	2656378	2661758	2655378	0.26	cps
Zinc	66-2	89643	89197	90914	89918	0.99	cps
Zirconium	90-1	56428	57615	57650	57231	1.22	cps
Zirconium	91-1	12869	12969	12886	12908	0.42	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-19	Instrumnet Name :	P7
Client Sample ID :	MYD5C6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:08:14	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6388558	6380128	6354799	6374495	0.28	cps
Antimony	121-1	10928	11248	10854	11010	1.90	cps
Arsenic	75-2	78653	77286	79632	78524	1.50	cps
Barium	135-1	1243683	1257919	1263168	1254923	0.80	cps
Barium	137-1	2258407	2278749	2272356	2269837	0.46	cps
Beryllium	9-1	1843	1883	1887	1871	1.29	cps
Bismuth	209-1	8723599	8800063	8726014	8749892	0.50	cps
Bismuth	209-2	6559193	6573262	6677176	6603211	0.98	cps
Bromine	81-1	10030	10254	10457	10247	2.08	cps
Bromine	81-2	533	597	560	563	5.64	cps
Cadmium	108-1	293	257	253	268	8.29	cps
Cadmium	106-1	3701	3560	3530	3597	2.52	cps
Cadmium	111-1	3585	3653	3551	3596	1.44	cps
Calcium	43-1	528942	534801	541947	535230	1.22	cps
Calcium	44-1	7954699	7975366	8061493	7997186	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	331759	328234	331551	330515	0.60	cps
Cobalt	59-2	253584	252604	251029	252406	0.51	cps
Copper	63-2	370170	370921	370154	370415	0.12	cps
Dysprosium	156-1	63208	64022	65642	64291	1.93	cps
Dysprosium	156-2	48125	48530	49008	48555	0.91	cps
Erbium	164-1	47999	49491	49792	49094	1.96	cps
Erbium	164-2	31810	31796	31345	31650	0.84	cps
Gadolinium	160-1	56721	58458	59114	58098	2.13	cps
Gadolinium	160-2	39459	39429	39211	39366	0.34	cps
Holmium	165-1	14340446	14029586	14417804	14262612	1.44	cps
Holmium	165-2	9340851	9137487	9317689	9265342	1.20	cps
Indium	115-1	10399718	10463851	10431235	10431601	0.31	cps
Indium	115-2	3222997	3216225	3249248	3229490	0.54	cps
Iron	56-2	288967782	288429529	284650036	287349116	0.82	cps
Iron	57-2	7038183	7015504	7036266	7029985	0.18	cps
Iron	54-2	15499020	15678868	15505014	15560967	0.66	cps
Krypton	83-1	197	150	153	167	15.62	cps

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LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-19	Instrumnet Name :	P7
Client Sample ID :	MYD5C6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:08:14	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	157606	159668	161339	159537	1.17	cps
Lead	207-1	135319	138326	139049	137565	1.44	cps
Lead	208-1	620687	630339	633052	628026	1.03	cps
Lithium	6-1	2056167	2039978	2085341	2060495	1.12	cps
Magnesium	24-2	5369307	5367563	5387499	5374790	0.21	cps
Manganese	55-2	8893703	8978347	8906239	8926097	0.51	cps
Molybdenum	94-1	56990	57422	58533	57648	1.38	cps
Molybdenum	95-1	7449	7255	7315	7340	1.35	cps
Molybdenum	96-1	20768	20922	20758	20816	0.44	cps
Molybdenum	97-1	4424	4221	4624	4423	4.56	cps
Molybdenum	98-1	11188	11164	11268	11207	0.48	cps
Neodymium	150-1	109454	112020	112528	111334	1.48	cps
Neodymium	150-2	59589	59515	59659	59587	0.12	cps
Nickel	60-2	113606	111974	112518	112699	0.74	cps
Phosphorus	31-2	22153	21976	21545	21891	1.43	cps
Potassium	39-2	1882494	1863531	1865069	1870365	0.56	cps
Rhodium	103-1	9084871	9108592	9088731	9094065	0.14	cps
Rhodium	103-2	5046942	5035169	5048468	5043527	0.14	cps
Scandium	45-1	5484014	5476923	5489928	5483622	0.12	cps
Scandium	45-2	451061	442301	449631	447664	1.05	cps
Selenium	82-1	380	425	416	407	5.89	cps
Selenium	77-2	117	123	130	123	5.40	cps
Selenium	78-2	210	243	253	236	9.63	cps
Silicon	28-1	12631750	12804612	12953651	12796671	1.26	cps
Silver	107-1	1203	1160	1260	1208	4.15	cps
Silver	109-1	1057	1090	1153	1100	4.46	cps
Sodium	23-2	81802	81306	82570	81893	0.78	cps
Strontium	86-1	195860	199059	200833	198584	1.27	cps
Strontium	88-1	1721001	1760027	1761982	1747670	1.32	cps
Sulfur	34-1	123222	123823	123803	123616	0.28	cps
Terbium	159-1	14662959	14673887	14731871	14689572	0.25	cps
Terbium	159-2	9108553	9002614	9097851	9069673	0.64	cps
Thallium	203-1	2600	2530	2680	2604	2.88	cps
Thallium	205-1	5931	6111	5971	6005	1.57	cps
Tin	118-1	15729	16223	16316	16089	1.96	cps
Titanium	47-1	610410	619675	628743	619609	1.48	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-19	Instrumnet Name :	P7
Client Sample ID :	MYD5C6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:08:14	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26306	26620	26319	26415	0.67	cps
Vanadium	51-2	550096	549130	548736	549321	0.13	cps
Yttrium	89-1	11302112	11507549	11597454	11469038	1.32	cps
Yttrium	89-2	2664546	2614645	2695519	2658237	1.54	cps
Zinc	66-2	115515	114296	117353	115722	1.33	cps
Zirconium	90-1	142348	144253	146502	144368	1.44	cps
Zirconium	91-1	32112	33208	32526	32615	1.70	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-20	Instrumnet Name :	P7
Client Sample ID :	MYD5C7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:11:24	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8009644	7905834	7917028	7944169	0.72	cps
Antimony	121-1	13607	13687	13707	13667	0.39	cps
Arsenic	75-2	118509	116140	115854	116834	1.25	cps
Barium	135-1	1168801	1184036	1183068	1178635	0.72	cps
Barium	137-1	2146776	2130159	2157256	2144730	0.64	cps
Beryllium	9-1	1690	1683	1703	1692	0.60	cps
Bismuth	209-1	8650050	8529028	8692673	8623917	0.98	cps
Bismuth	209-2	6502647	6574032	6508745	6528475	0.61	cps
Bromine	81-1	9657	9960	10000	9872	1.90	cps
Bromine	81-2	510	527	483	507	4.31	cps
Cadmium	108-1	263	260	267	263	1.27	cps
Cadmium	106-1	3744	3397	3494	3545	5.05	cps
Cadmium	111-1	3240	2989	3069	3099	4.13	cps
Calcium	43-1	264289	267938	267535	266588	0.75	cps
Calcium	44-1	3961640	4022723	3992100	3992154	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	587683	581810	587661	585718	0.58	cps
Cobalt	59-2	284720	281097	280903	282240	0.76	cps
Copper	63-2	383554	381209	379736	381500	0.50	cps
Dysprosium	156-1	60633	61196	61149	60993	0.51	cps
Dysprosium	156-2	45115	44718	45483	45106	0.85	cps
Erbium	164-1	47233	48621	48393	48082	1.55	cps
Erbium	164-2	30560	30634	31312	30835	1.34	cps
Gadolinium	160-1	55389	55161	55974	55508	0.76	cps
Gadolinium	160-2	38065	37915	37183	37721	1.25	cps
Holmium	165-1	14040852	14161979	14282800	14161877	0.85	cps
Holmium	165-2	9055154	9485062	9257145	9265787	2.32	cps
Indium	115-1	10339321	10316796	10333917	10330011	0.11	cps
Indium	115-2	3190991	3250296	3192718	3211335	1.05	cps
Iron	56-2	292898176	289712809	288714889	290441958	0.75	cps
Iron	57-2	7204312	7148052	7123149	7158504	0.58	cps
Iron	54-2	15879116	15542514	15613999	15678543	1.13	cps
Krypton	83-1	150	143	127	140	8.58	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-20	Instrumnet Name :	P7
Client Sample ID :	MYD5C7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:11:24	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	127881	128766	130701	129116	1.12	cps
Lead	207-1	109681	111771	112178	111210	1.20	cps
Lead	208-1	501821	506759	510723	506434	0.88	cps
Lithium	6-1	2034481	2030785	2041113	2035460	0.26	cps
Magnesium	24-2	7029466	6956086	7015621	7000391	0.56	cps
Manganese	55-2	7139989	7085912	7092676	7106192	0.41	cps
Molybdenum	94-1	80232	82501	82430	81721	1.58	cps
Molybdenum	95-1	4087	4011	4097	4065	1.17	cps
Molybdenum	96-1	21439	21623	21306	21456	0.74	cps
Molybdenum	97-1	2440	2597	2467	2501	3.35	cps
Molybdenum	98-1	5791	6328	6248	6122	4.73	cps
Neodymium	150-1	102777	102902	103090	102923	0.15	cps
Neodymium	150-2	56168	55231	55609	55669	0.85	cps
Nickel	60-2	137560	138933	139202	138565	0.64	cps
Phosphorus	31-2	12228	12035	12158	12140	0.81	cps
Potassium	39-2	1546246	1535621	1547468	1543111	0.42	cps
Rhodium	103-1	9093924	9090082	9094415	9092807	0.03	cps
Rhodium	103-2	4879843	5030678	4974025	4961515	1.54	cps
Scandium	45-1	5531564	5504195	5544275	5526678	0.37	cps
Scandium	45-2	442116	451932	446675	446907	1.10	cps
Selenium	82-1	419	374	439	411	8.09	cps
Selenium	77-2	90	120	153	121	26.16	cps
Selenium	78-2	193	230	287	237	19.87	cps
Silicon	28-1	12849435	12967903	13076212	12964517	0.87	cps
Silver	107-1	1063	1203	1090	1119	6.64	cps
Silver	109-1	880	907	1063	950	10.43	cps
Sodium	23-2	65960	66593	67206	66586	0.94	cps
Strontium	86-1	158165	159991	159654	159270	0.61	cps
Strontium	88-1	1389195	1405423	1404918	1399845	0.66	cps
Sulfur	34-1	113958	114219	111782	113319	1.18	cps
Terbium	159-1	14755454	14550635	14686356	14664148	0.71	cps
Terbium	159-2	8867851	9302182	9034741	9068258	2.42	cps
Thallium	203-1	2474	2480	2527	2494	1.17	cps
Thallium	205-1	5921	5695	6171	5929	4.02	cps
Tin	118-1	14794	15278	14941	15005	1.65	cps
Titanium	47-1	590259	598938	601285	596827	0.97	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-20	Instrumnet Name :	P7
Client Sample ID :	MYD5C7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:11:24	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21484	22072	22232	21929	1.80	cps
Vanadium	51-2	622887	618944	620701	620844	0.32	cps
Yttrium	89-1	11482917	11522449	11338285	11447884	0.85	cps
Yttrium	89-2	2606038	2623269	2630458	2619922	0.48	cps
Zinc	66-2	85268	84752	85295	85105	0.36	cps
Zirconium	90-1	211788	214115	215473	213792	0.87	cps
Zirconium	91-1	47747	48383	48761	48297	1.06	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-21	Instrumnet Name :	P7
Client Sample ID :	MYD5C8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:14:33	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4023710	3981263	3951494	3985489	0.91	cps
Antimony	121-1	21296	21142	21373	21270	0.55	cps
Arsenic	75-2	234401	233901	234672	234325	0.17	cps
Barium	135-1	519061	531168	532237	527489	1.39	cps
Barium	137-1	913993	918300	919248	917180	0.31	cps
Beryllium	9-1	1230	1333	1353	1306	5.07	cps
Bismuth	209-1	8565095	8694109	8703204	8654136	0.89	cps
Bismuth	209-2	6570931	6571868	6503583	6548794	0.60	cps
Bromine	81-1	8046	7652	7422	7707	4.09	cps
Bromine	81-2	267	230	173	223	21.05	cps
Cadmium	108-1	240	230	217	229	5.11	cps
Cadmium	106-1	3427	3397	3224	3349	3.28	cps
Cadmium	111-1	3441	3414	3332	3395	1.68	cps
Calcium	43-1	135747	135400	135885	135677	0.18	cps
Calcium	44-1	2009031	2015812	2026781	2017208	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	368392	366980	367072	367481	0.21	cps
Cobalt	59-2	278004	277763	275750	277172	0.45	cps
Copper	63-2	505579	505118	504817	505171	0.08	cps
Dysprosium	156-1	54545	55519	54612	54892	0.99	cps
Dysprosium	156-2	39278	40027	39927	39744	1.02	cps
Erbium	164-1	46975	47504	47939	47472	1.02	cps
Erbium	164-2	31479	30594	31693	31255	1.86	cps
Gadolinium	160-1	52260	53652	53435	53116	1.41	cps
Gadolinium	160-2	35772	35338	35174	35428	0.87	cps
Holmium	165-1	13871058	13922643	14053549	13949083	0.67	cps
Holmium	165-2	9206704	9150354	9098827	9151962	0.59	cps
Indium	115-1	10226035	10273711	10228471	10242739	0.26	cps
Indium	115-2	3206750	3146580	3152134	3168488	1.05	cps
Iron	56-2	351529288	350427288	349513381	350489986	0.29	cps
Iron	57-2	8676744	8651182	8690161	8672696	0.23	cps
Iron	54-2	18978369	18936032	19049566	18987989	0.30	cps
Krypton	83-1	157	107	140	134	18.94	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-21	Instrumnet Name :	P7
Client Sample ID :	MYD5C8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:14:33	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	155501	156256	157416	156391	0.62	cps
Lead	207-1	133185	135632	136217	135012	1.19	cps
Lead	208-1	606522	614243	618490	613085	0.99	cps
Lithium	6-1	1996650	1970626	1996007	1987761	0.75	cps
Magnesium	24-2	3200612	3226222	3187456	3204764	0.62	cps
Manganese	55-2	5060546	5048938	5051816	5053767	0.12	cps
Molybdenum	94-1	47684	48359	49169	48404	1.54	cps
Molybdenum	95-1	7068	7022	7179	7090	1.14	cps
Molybdenum	96-1	19897	20411	20251	20186	1.30	cps
Molybdenum	97-1	4431	4291	4354	4358	1.61	cps
Molybdenum	98-1	10988	11425	11671	11361	3.05	cps
Neodymium	150-1	83009	83136	83418	83188	0.25	cps
Neodymium	150-2	44617	44925	45058	44867	0.50	cps
Nickel	60-2	121984	122686	122670	122447	0.33	cps
Phosphorus	31-2	15825	16643	16012	16160	2.65	cps
Potassium	39-2	1162204	1161444	1157356	1160334	0.22	cps
Rhodium	103-1	8996707	8872313	8900263	8923094	0.73	cps
Rhodium	103-2	4911547	4857877	4866930	4878785	0.59	cps
Scandium	45-1	5433564	5387150	5339418	5386711	0.87	cps
Scandium	45-2	438017	435505	428599	434040	1.12	cps
Selenium	82-1	453	492	455	467	4.70	cps
Selenium	77-2	143	103	143	130	17.76	cps
Selenium	78-2	203	220	217	213	4.13	cps
Silicon	28-1	10446235	10527960	10504936	10493044	0.40	cps
Silver	107-1	950	1147	1000	1032	9.90	cps
Silver	109-1	833	800	840	824	2.60	cps
Sodium	23-2	54171	54225	54463	54286	0.29	cps
Strontium	86-1	110863	112388	113228	112159	1.07	cps
Strontium	88-1	983882	983961	985266	984370	0.08	cps
Sulfur	34-1	117044	115610	113498	115384	1.55	cps
Terbium	159-1	14350941	14346660	14403799	14367134	0.22	cps
Terbium	159-2	9074023	8877390	8796930	8916114	1.60	cps
Thallium	203-1	1407	1333	1353	1365	2.78	cps
Thallium	205-1	3424	3160	3284	3289	4.01	cps
Tin	118-1	12055	12139	12272	12155	0.90	cps
Titanium	47-1	281672	284352	283686	283237	0.49	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-21	Instrumnet Name :	P7
Client Sample ID :	MYD5C8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:14:33	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26263	26593	27251	26702	1.88	cps
Vanadium	51-2	811393	808546	814608	811516	0.37	cps
Yttrium	89-1	11130973	10995389	11012180	11046181	0.67	cps
Yttrium	89-2	2566929	2554197	2509889	2543672	1.18	cps
Zinc	66-2	104022	104354	105244	104540	0.60	cps
Zirconium	90-1	118231	119803	120677	119570	1.04	cps
Zirconium	91-1	27169	26995	27289	27151	0.54	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-22	Instrumnet Name :	P7
Client Sample ID :	MYD5C9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:17:46	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5767305	5596303	5631125	5664911	1.60	cps
Antimony	121-1	17808	17497	17417	17574	1.17	cps
Arsenic	75-2	217838	218771	217445	218018	0.31	cps
Barium	135-1	704717	710292	711177	708729	0.49	cps
Barium	137-1	1216689	1228968	1228453	1224703	0.57	cps
Beryllium	9-1	1530	1587	1640	1586	3.47	cps
Bismuth	209-1	8727470	8738147	8647969	8704529	0.57	cps
Bismuth	209-2	6500920	6601671	6573949	6558846	0.79	cps
Bromine	81-1	9600	9700	9883	9728	1.48	cps
Bromine	81-2	583	560	667	603	9.29	cps
Cadmium	108-1	210	260	257	242	11.54	cps
Cadmium	106-1	3277	3224	3380	3294	2.42	cps
Cadmium	111-1	3167	3111	3333	3204	3.61	cps
Calcium	43-1	201668	203592	202745	202668	0.48	cps
Calcium	44-1	3018160	3017349	3036869	3024126	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	461672	456153	457156	458327	0.64	cps
Cobalt	59-2	359929	356385	358151	358155	0.49	cps
Copper	63-2	714068	713649	711648	713122	0.18	cps
Dysprosium	156-1	54070	54729	54820	54540	0.75	cps
Dysprosium	156-2	38543	39051	38606	38733	0.71	cps
Erbium	164-1	56028	57079	57605	56904	1.41	cps
Erbium	164-2	36498	36584	36310	36464	0.38	cps
Gadolinium	160-1	53913	54278	54870	54354	0.89	cps
Gadolinium	160-2	36116	36701	37029	36616	1.26	cps
Holmium	165-1	14160434	14061803	14111729	14111322	0.35	cps
Holmium	165-2	9323828	9228665	9324666	9292386	0.59	cps
Indium	115-1	10299900	10297761	10120490	10239384	1.01	cps
Indium	115-2	3161808	3231224	3113098	3168710	1.87	cps
Iron	56-2	374558434	371348168	370592488	372166363	0.57	cps
Iron	57-2	9300500	9109132	9203267	9204300	1.04	cps
Iron	54-2	20081449	20057869	20052863	20064060	0.08	cps
Krypton	83-1	143	107	193	148	29.44	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-22	Instrumnet Name :	P7
Client Sample ID :	MYD5C9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:17:46	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	118716	120582	120175	119824	0.82	cps
Lead	207-1	101193	103614	101918	102242	1.22	cps
Lead	208-1	463140	473113	470710	468987	1.11	cps
Lithium	6-1	2007804	1985143	1991647	1994865	0.58	cps
Magnesium	24-2	5040703	4948636	4920476	4969938	1.27	cps
Manganese	55-2	6932272	6802575	6852271	6862373	0.95	cps
Molybdenum	94-1	44059	44538	44728	44442	0.78	cps
Molybdenum	95-1	6065	6211	6291	6189	1.86	cps
Molybdenum	96-1	18542	18692	18759	18664	0.60	cps
Molybdenum	97-1	3784	3837	4164	3928	5.24	cps
Molybdenum	98-1	9757	9547	9443	9582	1.67	cps
Neodymium	150-1	73996	75430	74851	74759	0.97	cps
Neodymium	150-2	39682	39856	40251	39930	0.73	cps
Nickel	60-2	139848	138418	138670	138979	0.55	cps
Phosphorus	31-2	12061	11708	11685	11818	1.79	cps
Potassium	39-2	1677328	1629495	1669354	1658726	1.54	cps
Rhodium	103-1	8919597	8882454	8798431	8866828	0.70	cps
Rhodium	103-2	4922951	4960814	4893107	4925624	0.69	cps
Scandium	45-1	5496753	5499766	5495198	5497239	0.04	cps
Scandium	45-2	451248	451647	448752	450549	0.35	cps
Selenium	82-1	396	514	392	434	16.01	cps
Selenium	77-2	80	90	83	84	6.03	cps
Selenium	78-2	187	263	233	228	16.96	cps
Silicon	28-1	12572236	12731060	12633230	12645508	0.63	cps
Silver	107-1	1117	1097	1127	1113	1.37	cps
Silver	109-1	843	960	913	906	6.48	cps
Sodium	23-2	69670	68023	68709	68800	1.20	cps
Strontium	86-1	148604	151470	152136	150737	1.25	cps
Strontium	88-1	1317820	1328726	1335852	1327466	0.68	cps
Sulfur	34-1	116171	114945	115516	115544	0.53	cps
Terbium	159-1	14523859	14316674	14450328	14430287	0.73	cps
Terbium	159-2	9098320	9231768	8969979	9100023	1.44	cps
Thallium	203-1	2380	2434	2404	2406	1.11	cps
Thallium	205-1	5805	5871	5668	5781	1.79	cps
Tin	118-1	12249	12382	12319	12316	0.54	cps
Titanium	47-1	358114	357846	360309	358756	0.38	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-22	Instrumnet Name :	P7
Client Sample ID :	MYD5C9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:17:46	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26059	26293	26550	26300	0.93	cps
Vanadium	51-2	956053	958824	951887	955588	0.37	cps
Yttrium	89-1	11177841	11200289	11262269	11213467	0.39	cps
Yttrium	89-2	2576205	2640484	2607978	2608222	1.23	cps
Zinc	66-2	104122	102314	103834	103423	0.94	cps
Zirconium	90-1	108423	107942	109856	108741	0.92	cps
Zirconium	91-1	24474	25085	25265	24941	1.66	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-01	Instrumnet Name :	P7
Client Sample ID :	MYD5D0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:20:54	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7619693	7584109	7658872	7620891	0.49	cps
Antimony	121-1	13199	13543	13807	13516	2.25	cps
Arsenic	75-2	103692	102554	103450	103232	0.58	cps
Barium	135-1	803912	812180	812105	809399	0.59	cps
Barium	137-1	1402899	1410733	1403474	1405702	0.31	cps
Beryllium	9-1	1783	1863	1920	1856	3.70	cps
Bismuth	209-1	8715337	8497914	8640206	8617819	1.28	cps
Bismuth	209-2	6404643	6880759	6401063	6562155	4.20	cps
Bromine	81-1	8089	8269	8623	8327	3.26	cps
Bromine	81-2	390	430	353	391	9.80	cps
Cadmium	108-1	330	347	297	324	7.85	cps
Cadmium	106-1	3610	3634	3370	3538	4.12	cps
Cadmium	111-1	3653	3634	3488	3592	2.51	cps
Calcium	43-1	282374	284840	283811	283675	0.44	cps
Calcium	44-1	4231597	4267663	4247064	4248775	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	601147	597696	603696	600846	0.50	cps
Cobalt	59-2	263472	262633	262610	262905	0.19	cps
Copper	63-2	430909	429351	429667	429976	0.19	cps
Dysprosium	156-1	69256	69936	69732	69641	0.50	cps
Dysprosium	156-2	51186	51490	51009	51228	0.48	cps
Erbium	164-1	54362	54663	55844	54956	1.43	cps
Erbium	164-2	35565	35318	35448	35444	0.35	cps
Gadolinium	160-1	64508	65325	65335	65056	0.73	cps
Gadolinium	160-2	43945	43451	44099	43832	0.77	cps
Holmium	165-1	14112873	13905848	13973217	13997313	0.75	cps
Holmium	165-2	8841076	9468859	8919292	9076409	3.77	cps
Indium	115-1	10039692	9939667	10067009	10015456	0.67	cps
Indium	115-2	3088048	3285546	3022973	3132189	4.37	cps
Iron	56-2	284875836	283520796	282778982	283725205	0.37	cps
Iron	57-2	6933345	6964151	7044056	6980517	0.82	cps
Iron	54-2	15411484	15431444	15339679	15394202	0.31	cps
Krypton	83-1	167	150	183	167	10.00	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-01	Instrumnet Name :	P7
Client Sample ID :	MYD5D0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:20:54	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	221200	220652	220946	220933	0.12	cps
Lead	207-1	189924	191896	192764	191528	0.76	cps
Lead	208-1	866796	872107	867841	868914	0.32	cps
Lithium	6-1	1953751	1936502	1965130	1951794	0.74	cps
Magnesium	24-2	6831291	6881040	6862523	6858285	0.37	cps
Manganese	55-2	5992710	5941388	5973456	5969185	0.43	cps
Molybdenum	94-1	87174	87751	88679	87868	0.86	cps
Molybdenum	95-1	4904	4978	5034	4972	1.31	cps
Molybdenum	96-1	23633	24197	23576	23802	1.44	cps
Molybdenum	97-1	2954	3187	3074	3071	3.80	cps
Molybdenum	98-1	7989	8172	8029	8063	1.20	cps
Neodymium	150-1	119367	119037	120439	119614	0.61	cps
Neodymium	150-2	63670	63094	64225	63663	0.89	cps
Nickel	60-2	159154	160175	158837	159389	0.44	cps
Phosphorus	31-2	13086	12512	13279	12959	3.08	cps
Potassium	39-2	1982439	1952503	1967093	1967345	0.76	cps
Rhodium	103-1	8792238	8567083	8816415	8725245	1.58	cps
Rhodium	103-2	4733869	5032485	4651846	4806067	4.17	cps
Scandium	45-1	5255825	5199825	5242343	5232664	0.56	cps
Scandium	45-2	426829	444066	414616	428504	3.45	cps
Selenium	82-1	406	434	394	412	4.93	cps
Selenium	77-2	113	163	137	138	18.16	cps
Selenium	78-2	227	230	147	201	23.46	cps
Silicon	28-1	6873339	6895671	6802506	6857172	0.71	cps
Silver	107-1	1200	1323	1397	1307	7.61	cps
Silver	109-1	1180	1110	1067	1119	5.11	cps
Sodium	23-2	73430	72985	73132	73183	0.31	cps
Strontium	86-1	159136	161399	161029	160521	0.76	cps
Strontium	88-1	1398882	1407132	1411332	1405782	0.45	cps
Sulfur	34-1	109972	112251	112705	111643	1.31	cps
Terbium	159-1	14332690	14261038	14334700	14309476	0.29	cps
Terbium	159-2	8799390	9342008	8688456	8943285	3.91	cps
Thallium	203-1	2307	2090	2280	2226	5.31	cps
Thallium	205-1	5084	5361	5421	5289	3.40	cps
Tin	118-1	25062	24972	25239	25091	0.54	cps
Titanium	47-1	569733	574605	572920	572419	0.43	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-01	Instrumnet Name :	P7
Client Sample ID :	MYD5D0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:20:54	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25358	24913	25494	25255	1.20	cps
Vanadium	51-2	581908	580472	578946	580442	0.26	cps
Yttrium	89-1	11122789	10950282	10971719	11014930	0.85	cps
Yttrium	89-2	2531896	2681695	2490668	2568087	3.91	cps
Zinc	66-2	96982	96106	95616	96235	0.72	cps
Zirconium	90-1	228607	232600	228321	229843	1.04	cps
Zirconium	91-1	51570	51480	52082	51711	0.63	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-02	Instrumnet Name :	P7
Client Sample ID :	MYD5D1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:24:06	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9331149	9110197	9197992	9213112	1.21	cps
Antimony	121-1	11538	11545	11475	11519	0.34	cps
Arsenic	75-2	139437	138179	138495	138704	0.47	cps
Barium	135-1	830713	834953	830894	832187	0.29	cps
Barium	137-1	1438969	1445985	1442997	1442650	0.24	cps
Beryllium	9-1	1933	1807	1843	1861	3.50	cps
Bismuth	209-1	8452482	8565262	8457227	8491657	0.75	cps
Bismuth	209-2	6458359	6395611	6556716	6470229	1.26	cps
Bromine	81-1	10254	10394	10717	10455	2.27	cps
Bromine	81-2	713	730	660	701	5.22	cps
Cadmium	108-1	297	287	317	300	5.09	cps
Cadmium	106-1	3717	3837	3547	3701	3.94	cps
Cadmium	111-1	2981	3095	2945	3007	2.62	cps
Calcium	43-1	247268	249433	248772	248491	0.45	cps
Calcium	44-1	3718482	3720995	3693384	3710954	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	834814	833470	833749	834011	0.09	cps
Cobalt	59-2	290654	289343	287506	289168	0.55	cps
Copper	63-2	381951	379579	375637	379056	0.84	cps
Dysprosium	156-1	62676	63285	62917	62959	0.49	cps
Dysprosium	156-2	46400	47222	46306	46643	1.08	cps
Erbium	164-1	49016	49828	50651	49832	1.64	cps
Erbium	164-2	33056	32083	31943	32361	1.87	cps
Gadolinium	160-1	58404	59723	58846	58991	1.14	cps
Gadolinium	160-2	40729	39756	39716	40067	1.43	cps
Holmium	165-1	13774866	13941401	13792099	13836122	0.66	cps
Holmium	165-2	9155006	9071338	9251617	9159320	0.98	cps
Indium	115-1	9985216	10158951	9941128	10028432	1.15	cps
Indium	115-2	3156027	3061922	3164910	3127620	1.82	cps
Iron	56-2	304236222	303674182	302341662	303417355	0.32	cps
Iron	57-2	7556702	7479419	7484433	7506852	0.58	cps
Iron	54-2	16509391	16346125	16444127	16433214	0.50	cps
Krypton	83-1	183	173	160	172	6.80	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-02	Instrumnet Name :	P7
Client Sample ID :	MYD5D1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:24:06	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	102224	102969	103543	102912	0.64	cps
Lead	207-1	85299	85711	86540	85850	0.74	cps
Lead	208-1	394969	401157	401367	399164	0.91	cps
Lithium	6-1	1962355	1985015	1962858	1970076	0.66	cps
Magnesium	24-2	8356649	8182887	8252233	8263923	1.06	cps
Manganese	55-2	5399755	5371185	5325047	5365329	0.70	cps
Molybdenum	94-1	87600	89826	88438	88621	1.27	cps
Molybdenum	95-1	4014	4194	4104	4104	2.19	cps
Molybdenum	96-1	22517	23519	22898	22978	2.20	cps
Molybdenum	97-1	2647	2504	2467	2539	3.75	cps
Molybdenum	98-1	6281	6188	6245	6238	0.75	cps
Neodymium	150-1	108884	110317	108369	109190	0.92	cps
Neodymium	150-2	57831	58052	59076	58320	1.14	cps
Nickel	60-2	186608	183802	184176	184862	0.82	cps
Phosphorus	31-2	11171	11461	10987	11206	2.13	cps
Potassium	39-2	1290359	1278998	1260783	1276714	1.17	cps
Rhodium	103-1	8725181	8742708	8636772	8701554	0.65	cps
Rhodium	103-2	4794154	4828858	4850877	4824629	0.59	cps
Scandium	45-1	5349886	5322139	5264653	5312226	0.82	cps
Scandium	45-2	435044	431059	433409	433171	0.46	cps
Selenium	82-1	480	386	408	424	11.54	cps
Selenium	77-2	140	127	113	127	10.52	cps
Selenium	78-2	243	213	273	243	12.33	cps
Silicon	28-1	5439283	5452935	5407739	5433319	0.43	cps
Silver	107-1	993	940	953	962	2.88	cps
Silver	109-1	780	780	817	792	2.67	cps
Sodium	23-2	65174	64805	64638	64872	0.42	cps
Strontium	86-1	160733	161724	161932	161463	0.40	cps
Strontium	88-1	1406524	1422403	1423336	1417421	0.67	cps
Sulfur	34-1	112678	111141	110335	111385	1.07	cps
Terbium	159-1	14224422	14344745	14183432	14250866	0.59	cps
Terbium	159-2	8946827	8893914	8874179	8904973	0.42	cps
Thallium	203-1	1817	1987	1980	1928	4.99	cps
Thallium	205-1	4611	4627	4661	4633	0.55	cps
Tin	118-1	14654	14658	14714	14675	0.23	cps
Titanium	47-1	528887	533657	530636	531060	0.45	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-02	Instrumnet Name :	P7
Client Sample ID :	MYD5D1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:24:06	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23935	24492	24459	24296	1.29	cps
Vanadium	51-2	678326	674640	667851	673606	0.79	cps
Yttrium	89-1	10887502	11047148	10841254	10925301	0.99	cps
Yttrium	89-2	2546486	2553578	2568674	2556246	0.44	cps
Zinc	66-2	88597	87346	87796	87913	0.72	cps
Zirconium	90-1	230382	232406	231171	231320	0.44	cps
Zirconium	91-1	51420	52393	52637	52150	1.24	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-03	Instrumnet Name :	P7
Client Sample ID :	MYD5D2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:27:16	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4188870	4144093	4115945	4149636	0.89	cps
Antimony	121-1	20642	21002	20875	20840	0.88	cps
Arsenic	75-2	207675	202970	206347	205664	1.18	cps
Barium	135-1	576239	580759	583251	580083	0.61	cps
Barium	137-1	996449	1016541	1016521	1009837	1.15	cps
Beryllium	9-1	1347	1447	1217	1337	8.63	cps
Bismuth	209-1	8636501	8577437	8461347	8558428	1.04	cps
Bismuth	209-2	6575093	6542585	6522044	6546574	0.41	cps
Bromine	81-1	7662	8169	7832	7888	3.27	cps
Bromine	81-2	270	323	277	290	10.02	cps
Cadmium	108-1	260	187	220	222	16.52	cps
Cadmium	106-1	3454	3477	3314	3415	2.59	cps
Cadmium	111-1	3356	3357	3179	3297	3.10	cps
Calcium	43-1	318163	323087	324980	322077	1.09	cps
Calcium	44-1	4754033	4862299	4877117	4831150	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	447054	442365	446218	445212	0.56	cps
Cobalt	59-2	282343	278962	279349	280218	0.66	cps
Copper	63-2	498319	501879	499375	499858	0.37	cps
Dysprosium	156-1	52578	53207	53317	53034	0.75	cps
Dysprosium	156-2	38877	37761	38773	38470	1.60	cps
Erbium	164-1	46811	47236	48624	47557	1.99	cps
Erbium	164-2	30647	30961	30750	30786	0.52	cps
Gadolinium	160-1	50581	51732	51558	51290	1.21	cps
Gadolinium	160-2	34365	35438	34686	34830	1.58	cps
Holmium	165-1	13968318	13939780	14029567	13979222	0.33	cps
Holmium	165-2	9183142	9081270	9164632	9143015	0.59	cps
Indium	115-1	9960064	10239142	10152666	10117291	1.41	cps
Indium	115-2	3208148	3177364	3135812	3173775	1.14	cps
Iron	56-2	309370475	305994849	305146662	306837329	0.73	cps
Iron	57-2	7582678	7526970	7563956	7557868	0.38	cps
Iron	54-2	16722342	16572631	16579553	16624842	0.51	cps
Krypton	83-1	150	153	127	143	10.14	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-03	Instrumnet Name :	P7
Client Sample ID :	MYD5D2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:27:16	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	132084	133639	133845	133189	0.72	cps
Lead	207-1	113946	114373	116023	114781	0.96	cps
Lead	208-1	518683	523732	527530	523315	0.85	cps
Lithium	6-1	1936973	1981029	1963426	1960476	1.13	cps
Magnesium	24-2	3953076	3937643	3901024	3930581	0.68	cps
Manganese	55-2	5830789	5765709	5830960	5809153	0.65	cps
Molybdenum	94-1	54146	54929	55237	54771	1.03	cps
Molybdenum	95-1	6135	6892	6538	6522	5.81	cps
Molybdenum	96-1	19653	19827	20101	19860	1.14	cps
Molybdenum	97-1	3997	4084	3851	3977	2.97	cps
Molybdenum	98-1	10140	9987	10020	10049	0.80	cps
Neodymium	150-1	81722	81420	81162	81434	0.34	cps
Neodymium	150-2	44369	44787	43687	44281	1.25	cps
Nickel	60-2	149149	149850	149506	149502	0.23	cps
Phosphorus	31-2	13516	13526	13006	13349	2.23	cps
Potassium	39-2	1105301	1105512	1094831	1101881	0.55	cps
Rhodium	103-1	8814906	8766500	8895280	8825562	0.74	cps
Rhodium	103-2	4881142	4940637	4875527	4899102	0.74	cps
Scandium	45-1	5288925	5306527	5328263	5307905	0.37	cps
Scandium	45-2	438914	435945	435145	436668	0.45	cps
Selenium	82-1	501	380	526	469	16.66	cps
Selenium	77-2	93	93	103	97	5.97	cps
Selenium	78-2	177	233	167	192	18.70	cps
Silicon	28-1	7451988	7473319	7440762	7455356	0.22	cps
Silver	107-1	1610	1567	1523	1567	2.77	cps
Silver	109-1	1270	1450	1500	1407	8.60	cps
Sodium	23-2	175733	175503	175429	175555	0.09	cps
Strontium	86-1	162677	167752	167459	165963	1.72	cps
Strontium	88-1	1445395	1458483	1465631	1456503	0.70	cps
Sulfur	34-1	114706	114532	116043	115094	0.72	cps
Terbium	159-1	14339826	14283063	14379164	14334017	0.34	cps
Terbium	159-2	8960760	8996323	8912071	8956385	0.47	cps
Thallium	203-1	1747	1767	1720	1745	1.34	cps
Thallium	205-1	4171	3997	4377	4182	4.55	cps
Tin	118-1	13586	13863	14437	13962	3.11	cps
Titanium	47-1	355452	360216	364979	360216	1.32	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-03	Instrumnet Name :	P7
Client Sample ID :	MYD5D2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:27:16	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28477	27863	28905	28415	1.84	cps
Vanadium	51-2	694302	690773	690148	691741	0.32	cps
Yttrium	89-1	10906152	10944821	10947200	10932724	0.21	cps
Yttrium	89-2	2573271	2553399	2546112	2557594	0.55	cps
Zinc	66-2	92802	92326	91729	92286	0.58	cps
Zirconium	90-1	137493	140413	139155	139020	1.05	cps
Zirconium	91-1	31153	31804	31364	31440	1.06	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P3945-01ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AN7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:30:29	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	471868	470153	462060	468027	1.12	cps
Antimony	121-1	4291	3360	3267	3639	15.55	cps
Arsenic	75-2	6495	6471	6291	6419	1.73	cps
Barium	135-1	1514151	1439929	1396665	1450249	4.10	cps
Barium	137-1	2705656	2576165	2552360	2611394	3.16	cps
Beryllium	9-1	567	500	420	496	14.82	cps
Bismuth	209-1	12734488	11916576	11563439	12071501	4.98	cps
Bismuth	209-2	8536853	8395498	8477851	8470068	0.84	cps
Bromine	81-1	8729	8849	8799	8793	0.69	cps
Bromine	81-2	423	493	427	448	8.82	cps
Cadmium	108-1	1980	1947	1877	1935	2.73	cps
Cadmium	106-1	6535	6351	5965	6284	4.63	cps
Cadmium	111-1	30367	28846	28030	29081	4.08	cps
Calcium	43-1	991399	932638	926672	950236	3.76	cps
Calcium	44-1	14847278	14177740	13800583	14275200	3.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15939	15815	16115	15956	0.95	cps
Cobalt	59-2	21749	21128	21365	21414	1.46	cps
Copper	63-2	198242	195762	193641	195882	1.18	cps
Dysprosium	156-1	8639	8142	7906	8229	4.55	cps
Dysprosium	156-2	5838	5648	5621	5702	2.07	cps
Erbium	164-1	8966	8683	8553	8734	2.42	cps
Erbium	164-2	5434	5494	5264	5398	2.21	cps
Gadolinium	160-1	8529	7912	7465	7969	6.70	cps
Gadolinium	160-2	5571	5424	5198	5398	3.49	cps
Holmium	165-1	19851941	18702099	17830558	18794866	5.39	cps
Holmium	165-2	11672466	11542399	11373157	11529340	1.30	cps
Indium	115-1	14490777	13847146	13273961	13870628	4.39	cps
Indium	115-2	4064294	3988543	4016341	4023060	0.95	cps
Iron	56-2	40293335	39934474	39569755	39932522	0.91	cps
Iron	57-2	1060581	1051006	1047329	1052972	0.65	cps
Iron	54-2	2222847	2152852	2152852	2176184	1.86	cps
Krypton	83-1	80	113	150	114	30.59	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P3945-01ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AN7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:30:29	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2419908	2316973	2258900	2331927	3.50	cps
Lead	207-1	2112273	1993918	1966627	2024273	3.82	cps
Lead	208-1	9581323	9185715	8992439	9253159	3.24	cps
Lithium	6-1	2716899	2571124	2456463	2581495	5.06	cps
Magnesium	24-2	1855875	1834573	1828918	1839788	0.77	cps
Manganese	55-2	848824	843012	834291	842042	0.87	cps
Molybdenum	94-1	2100	2134	1940	2058	5.02	cps
Molybdenum	95-1	510	573	523	536	6.23	cps
Molybdenum	96-1	1507	1463	1447	1472	2.10	cps
Molybdenum	97-1	370	273	290	311	16.61	cps
Molybdenum	98-1	813	763	770	782	3.47	cps
Neodymium	150-1	12055	11585	11215	11618	3.63	cps
Neodymium	150-2	6021	5968	5978	5989	0.47	cps
Nickel	60-2	20764	20017	20614	20465	1.93	cps
Phosphorus	31-2	13946	13359	13279	13528	2.69	cps
Potassium	39-2	2561015	2521213	2544724	2542317	0.79	cps
Rhodium	103-1	12763636	11856665	11544486	12054929	5.25	cps
Rhodium	103-2	6262056	6231107	6165085	6219416	0.80	cps
Scandium	45-1	6977388	6576826	6377687	6643967	4.60	cps
Scandium	45-2	510235	501843	507683	506587	0.85	cps
Selenium	82-1	531	418	487	479	11.97	cps
Selenium	77-2	0	20	3	8	137.80	cps
Selenium	78-2	113	163	133	137	18.42	cps
Silicon	28-1	17077891	16314261	16052621	16481591	3.23	cps
Silver	107-1	17641	17210	16199	17017	4.35	cps
Silver	109-1	16173	16039	16303	16171	0.82	cps
Sodium	23-2	705817	695354	690695	697289	1.11	cps
Strontium	86-1	448190	430865	418835	432630	3.41	cps
Strontium	88-1	3929024	3832668	3637558	3799750	3.91	cps
Sulfur	34-1	179912	178654	177322	178629	0.72	cps
Terbium	159-1	20680048	19234633	18567373	19494018	5.54	cps
Terbium	159-2	11337008	11200743	11211747	11249833	0.67	cps
Thallium	203-1	4914	3087	2614	3538	34.34	cps
Thallium	205-1	11311	7129	6602	8347	30.92	cps
Tin	118-1	723	723	630	692	7.78	cps
Titanium	47-1	10944	10153	10197	10431	4.26	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P3945-01ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AN7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:30:29	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7726	7365	7826	7639	3.17	cps
Vanadium	51-2	72510	71934	71662	72035	0.60	cps
Yttrium	89-1	15011778	14155548	13595476	14254267	5.00	cps
Yttrium	89-2	3071770	3089408	3102727	3087968	0.50	cps
Zinc	66-2	1948742	1983247	1938438	1956809	1.20	cps
Zirconium	90-1	4661	4371	4487	4506	3.24	cps
Zirconium	91-1	1093	970	1013	1026	6.10	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-04	Instrumnet Name :	P7
Client Sample ID :	MYD5D3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:33:34	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6868347	6870744	6841642	6860244	0.24	cps
Antimony	121-1	12819	12989	12996	12935	0.77	cps
Arsenic	75-2	113234	111629	110752	111872	1.13	cps
Barium	135-1	610116	621173	623389	618226	1.15	cps
Barium	137-1	1058901	1075811	1078040	1070917	0.98	cps
Beryllium	9-1	1137	1180	1067	1128	5.07	cps
Bismuth	209-1	8451836	8569799	8642204	8554613	1.12	cps
Bismuth	209-2	6441689	6453489	6438359	6444512	0.12	cps
Bromine	81-1	8146	8342	8102	8197	1.56	cps
Bromine	81-2	233	287	183	234	22.04	cps
Cadmium	108-1	250	217	297	254	15.79	cps
Cadmium	106-1	3390	3564	3470	3475	2.50	cps
Cadmium	111-1	3148	3473	3168	3263	5.58	cps
Calcium	43-1	159437	163584	162533	161851	1.33	cps
Calcium	44-1	2397386	2456849	2437046	2430427	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	466785	462996	461955	463912	0.55	cps
Cobalt	59-2	238706	239128	238648	238827	0.11	cps
Copper	63-2	358494	359567	357770	358610	0.25	cps
Dysprosium	156-1	48125	49209	48895	48743	1.14	cps
Dysprosium	156-2	36344	35689	36066	36033	0.91	cps
Erbium	164-1	40335	41371	41234	40980	1.37	cps
Erbium	164-2	27517	27023	26762	27101	1.41	cps
Gadolinium	160-1	46159	46072	45965	46066	0.21	cps
Gadolinium	160-2	31485	31609	31586	31560	0.21	cps
Holmium	165-1	14031550	13947310	14167392	14048751	0.79	cps
Holmium	165-2	9199727	9185907	9193742	9193125	0.08	cps
Indium	115-1	10298048	10415941	10377432	10363807	0.58	cps
Indium	115-2	3264540	3212585	3176770	3217965	1.37	cps
Iron	56-2	281683102	277813283	278539356	279345247	0.74	cps
Iron	57-2	6895914	6865936	6859143	6873665	0.28	cps
Iron	54-2	15036346	15014470	15064597	15038471	0.17	cps
Krypton	83-1	200	153	143	166	18.27	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-04	Instrumnet Name :	P7
Client Sample ID :	MYD5D3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:33:34	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	120404	121365	122919	121563	1.04	cps
Lead	207-1	102513	104172	104948	103877	1.20	cps
Lead	208-1	468968	476107	481519	475531	1.32	cps
Lithium	6-1	1940155	1968730	1939502	1949462	0.86	cps
Magnesium	24-2	7344381	7397539	7349443	7363788	0.40	cps
Manganese	55-2	4803798	4766545	4728889	4766410	0.79	cps
Molybdenum	94-1	52256	52795	52480	52510	0.52	cps
Molybdenum	95-1	4371	4621	4674	4555	3.56	cps
Molybdenum	96-1	17451	18025	17617	17697	1.67	cps
Molybdenum	97-1	2804	2700	3064	2856	6.56	cps
Molybdenum	98-1	6988	7072	7025	7028	0.59	cps
Neodymium	150-1	78373	78671	79606	78883	0.82	cps
Neodymium	150-2	42384	42183	41768	42112	0.75	cps
Nickel	60-2	107683	107089	107145	107306	0.31	cps
Phosphorus	31-2	11388	11264	11328	11326	0.54	cps
Potassium	39-2	1260802	1245089	1248118	1251336	0.67	cps
Rhodium	103-1	8923334	9178684	9008077	9036698	1.44	cps
Rhodium	103-2	5003027	4950269	4903494	4952263	1.01	cps
Scandium	45-1	5434685	5446779	5475354	5452273	0.38	cps
Scandium	45-2	439874	437898	440387	439386	0.30	cps
Selenium	82-1	388	475	479	447	11.54	cps
Selenium	77-2	93	110	117	107	11.27	cps
Selenium	78-2	197	160	250	202	22.38	cps
Silicon	28-1	8289624	8126001	8098337	8171320	1.27	cps
Silver	107-1	1410	1140	967	1172	19.06	cps
Silver	109-1	1340	883	827	1017	27.68	cps
Sodium	23-2	59391	59953	59725	59690	0.47	cps
Strontium	86-1	102819	104209	104762	103930	0.96	cps
Strontium	88-1	892251	909951	910500	904234	1.15	cps
Sulfur	34-1	114972	113152	110399	112841	2.04	cps
Terbium	159-1	14342023	14377868	14572754	14430882	0.86	cps
Terbium	159-2	8901180	8912071	9026817	8946690	0.78	cps
Thallium	203-1	1867	1920	1860	1882	1.75	cps
Thallium	205-1	4534	4214	4177	4309	4.56	cps
Tin	118-1	12519	13350	12936	12935	3.21	cps
Titanium	47-1	441447	451750	453048	448748	1.42	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-04	Instrumnet Name :	P7
Client Sample ID :	MYD5D3	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:33:34	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15532	15442	15816	15597	1.25	cps
Vanadium	51-2	680393	674490	678753	677879	0.45	cps
Yttrium	89-1	11152524	11279011	11336459	11255998	0.84	cps
Yttrium	89-2	2601995	2617677	2592572	2604081	0.49	cps
Zinc	66-2	89047	88068	87363	88159	0.96	cps
Zirconium	90-1	134438	136275	136201	135638	0.77	cps
Zirconium	91-1	30094	30569	30575	30413	0.91	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05	Instrumnet Name :	P7
Client Sample ID :	MYD5D4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:36:47	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6748904	6636487	6683687	6689693	0.84	cps
Antimony	121-1	16102	16623	16006	16244	2.04	cps
Arsenic	75-2	78489	78419	76931	77946	1.13	cps
Barium	135-1	794223	798470	802869	798521	0.54	cps
Barium	137-1	1375031	1393529	1400600	1389720	0.95	cps
Beryllium	9-1	1577	1617	1507	1567	3.55	cps
Bismuth	209-1	8701789	8695004	8573982	8656925	0.83	cps
Bismuth	209-2	6621254	6489785	6574948	6561996	1.02	cps
Bromine	81-1	8749	8769	8783	8767	0.19	cps
Bromine	81-2	400	430	407	412	3.82	cps
Cadmium	108-1	273	253	263	263	3.80	cps
Cadmium	106-1	3507	3380	3334	3407	2.63	cps
Cadmium	111-1	3887	3772	3639	3766	3.29	cps
Calcium	43-1	253425	253692	253539	253552	0.05	cps
Calcium	44-1	3791642	3815348	3805622	3804204	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	456711	451999	452951	453887	0.55	cps
Cobalt	59-2	234802	233055	234838	234232	0.44	cps
Copper	63-2	484460	481002	476724	480729	0.81	cps
Dysprosium	156-1	56921	56834	58173	57310	1.31	cps
Dysprosium	156-2	42066	42297	42962	42442	1.10	cps
Erbium	164-1	45383	45240	45604	45409	0.40	cps
Erbium	164-2	29475	29177	28703	29118	1.34	cps
Gadolinium	160-1	52016	52679	52230	52308	0.65	cps
Gadolinium	160-2	36314	35772	35525	35870	1.12	cps
Holmium	165-1	14051013	14221684	14181537	14151411	0.63	cps
Holmium	165-2	9273844	9082109	9315859	9223937	1.35	cps
Indium	115-1	10325184	10324225	10363397	10337602	0.22	cps
Indium	115-2	3190196	3195928	3205693	3197272	0.25	cps
Iron	56-2	253700096	252169583	248038356	251302678	1.17	cps
Iron	57-2	6251626	6186564	6153872	6197354	0.80	cps
Iron	54-2	13667663	13649849	13388824	13568779	1.15	cps
Krypton	83-1	143	160	120	141	14.24	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05	Instrumnet Name :	P7
Client Sample ID :	MYD5D4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:36:47	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	194683	197136	198561	196793	1.00	cps
Lead	207-1	168675	171046	170296	170006	0.71	cps
Lead	208-1	764399	774389	778914	772567	0.96	cps
Lithium	6-1	1966855	1978822	1958058	1967912	0.53	cps
Magnesium	24-2	6079205	5980957	6034870	6031677	0.82	cps
Manganese	55-2	5241688	5165464	5112703	5173285	1.25	cps
Molybdenum	94-1	58232	59480	59035	58916	1.07	cps
Molybdenum	95-1	4974	5318	4971	5088	3.92	cps
Molybdenum	96-1	18482	18912	18575	18656	1.21	cps
Molybdenum	97-1	3204	3160	3217	3194	0.93	cps
Molybdenum	98-1	7869	7856	7849	7858	0.13	cps
Neodymium	150-1	95963	97081	98158	97068	1.13	cps
Neodymium	150-2	52333	52751	51637	52241	1.08	cps
Nickel	60-2	125378	123983	123910	124424	0.67	cps
Phosphorus	31-2	12365	12398	12352	12372	0.19	cps
Potassium	39-2	2291912	2268913	2292438	2284421	0.59	cps
Rhodium	103-1	9057413	9033324	8975882	9022206	0.46	cps
Rhodium	103-2	4959322	4892581	4921372	4924425	0.68	cps
Scandium	45-1	5416243	5402341	5366297	5394960	0.48	cps
Scandium	45-2	433946	431160	433273	432793	0.34	cps
Selenium	82-1	402	481	496	460	10.94	cps
Selenium	77-2	110	103	157	123	23.56	cps
Selenium	78-2	243	230	213	229	6.57	cps
Silicon	28-1	4525054	4544812	4618738	4562868	1.08	cps
Silver	107-1	2067	2304	2164	2178	5.46	cps
Silver	109-1	2017	1877	2147	2013	6.71	cps
Sodium	23-2	85274	85606	84694	85191	0.54	cps
Strontium	86-1	167109	166509	167645	167088	0.34	cps
Strontium	88-1	1441608	1459542	1460382	1453844	0.73	cps
Sulfur	34-1	115567	115311	116674	115851	0.63	cps
Terbium	159-1	14642455	14442855	14596113	14560474	0.72	cps
Terbium	159-2	8930473	8919863	9056673	8969003	0.85	cps
Thallium	203-1	2314	2124	2324	2254	5.00	cps
Thallium	205-1	5311	5184	5394	5297	2.00	cps
Tin	118-1	15338	15118	15872	15443	2.51	cps
Titanium	47-1	538605	544542	544150	542432	0.61	cps

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LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05	Instrumnet Name :	P7
Client Sample ID :	MYD5D4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:36:47	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22977	23808	24089	23624	2.45	cps
Vanadium	51-2	526998	524749	521156	524301	0.56	cps
Yttrium	89-1	11173554	11373856	11408563	11318658	1.12	cps
Yttrium	89-2	2575944	2626057	2583818	2595273	1.04	cps
Zinc	66-2	92128	91759	91810	91899	0.22	cps
Zirconium	90-1	150232	151539	152580	151450	0.78	cps
Zirconium	91-1	33512	33518	33886	33639	0.64	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-06	Instrumnet Name :	P7
Client Sample ID :	MYD5D4D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:39:57	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6786802	6755195	6718413	6753470	0.51	cps
Antimony	121-1	16766	17397	16843	17002	2.02	cps
Arsenic	75-2	77909	78241	76472	77541	1.21	cps
Barium	135-1	797681	806331	807377	803796	0.66	cps
Barium	137-1	1382305	1399666	1409498	1397156	0.99	cps
Beryllium	9-1	1577	1670	1550	1599	3.94	cps
Bismuth	209-1	8755879	8618540	8680248	8684889	0.79	cps
Bismuth	209-2	6541440	6540338	6539776	6540518	0.01	cps
Bromine	81-1	8746	8853	8923	8840	1.01	cps
Bromine	81-2	407	353	370	377	7.24	cps
Cadmium	108-1	250	280	307	279	10.16	cps
Cadmium	106-1	3607	3544	3334	3495	4.09	cps
Cadmium	111-1	3897	3835	3646	3792	3.45	cps
Calcium	43-1	249539	255099	255048	253229	1.26	cps
Calcium	44-1	3785144	3804542	3842931	3810872	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	450843	452995	451186	451675	0.26	cps
Cobalt	59-2	235987	233637	234197	234607	0.52	cps
Copper	63-2	490032	481405	481335	484257	1.03	cps
Dysprosium	156-1	57189	56259	56875	56774	0.83	cps
Dysprosium	156-2	43250	43183	43220	43217	0.08	cps
Erbium	164-1	45741	45393	46547	45894	1.29	cps
Erbium	164-2	29434	29528	29715	29559	0.48	cps
Gadolinium	160-1	51397	52970	52531	52299	1.55	cps
Gadolinium	160-2	35786	35679	35752	35739	0.15	cps
Holmium	165-1	14260458	14200867	14132469	14197932	0.45	cps
Holmium	165-2	9198641	9242848	9136953	9192814	0.58	cps
Indium	115-1	10405928	10348158	10371778	10375288	0.28	cps
Indium	115-2	3211480	3198285	3185104	3198290	0.41	cps
Iron	56-2	253522076	253063636	249440163	252008625	0.89	cps
Iron	57-2	6213413	6184401	6234298	6210704	0.40	cps
Iron	54-2	13536831	13700676	13628049	13621852	0.60	cps
Krypton	83-1	153	217	197	189	17.14	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-06	Instrumnet Name :	P7
Client Sample ID :	MYD5D4D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:39:57	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	197659	199576	201209	199481	0.89	cps
Lead	207-1	170346	173479	174035	172620	1.15	cps
Lead	208-1	779402	789411	793928	787580	0.94	cps
Lithium	6-1	1934509	1964273	1965901	1954894	0.90	cps
Magnesium	24-2	6034883	6010496	6031487	6025622	0.22	cps
Manganese	55-2	5205751	5201123	5140964	5182613	0.70	cps
Molybdenum	94-1	58610	59600	59474	59228	0.91	cps
Molybdenum	95-1	5058	5254	5094	5135	2.04	cps
Molybdenum	96-1	18682	18852	19233	18922	1.49	cps
Molybdenum	97-1	3050	3010	3150	3070	2.35	cps
Molybdenum	98-1	7722	7989	7795	7835	1.76	cps
Neodymium	150-1	95749	97987	97618	97118	1.24	cps
Neodymium	150-2	52641	52092	52741	52492	0.67	cps
Nickel	60-2	124403	122428	122431	123087	0.93	cps
Phosphorus	31-2	12779	12682	12098	12520	2.94	cps
Potassium	39-2	2290252	2299038	2276458	2288583	0.50	cps
Rhodium	103-1	8972987	9105451	8973162	9017200	0.85	cps
Rhodium	103-2	4955445	4942848	4926706	4941666	0.29	cps
Scandium	45-1	5331010	5351736	5308279	5330342	0.41	cps
Scandium	45-2	432378	430617	429252	430749	0.36	cps
Selenium	82-1	478	361	437	425	13.89	cps
Selenium	77-2	120	140	117	126	10.05	cps
Selenium	78-2	210	267	230	236	12.20	cps
Silicon	28-1	4613179	4685225	4703596	4667333	1.02	cps
Silver	107-1	2114	2100	2014	2076	2.62	cps
Silver	109-1	1877	1940	2027	1948	3.87	cps
Sodium	23-2	87359	87714	86615	87229	0.64	cps
Strontium	86-1	165393	167685	169985	167688	1.37	cps
Strontium	88-1	1459787	1465623	1475104	1466838	0.53	cps
Sulfur	34-1	114737	115348	114697	114927	0.32	cps
Terbium	159-1	14614477	14618232	14502116	14578275	0.45	cps
Terbium	159-2	8981302	9004135	9075957	9020464	0.55	cps
Thallium	203-1	2060	2110	2124	2098	1.59	cps
Thallium	205-1	5311	5021	5211	5181	2.84	cps
Tin	118-1	16019	16663	16169	16284	2.07	cps
Titanium	47-1	546155	552755	555056	551322	0.84	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-06	Instrumnet Name :	P7
Client Sample ID :	MYD5D4D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:39:57	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23771	23962	24149	23960	0.79	cps
Vanadium	51-2	523094	522932	517141	521056	0.65	cps
Yttrium	89-1	11376823	11330297	11316816	11341312	0.28	cps
Yttrium	89-2	2595686	2638169	2620709	2618188	0.82	cps
Zinc	66-2	93198	92239	91662	92367	0.84	cps
Zirconium	90-1	150812	153741	154169	152907	1.20	cps
Zirconium	91-1	34096	33729	34637	34154	1.34	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5D4L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 20:43:09	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325119	1306729	1284605	1305485	1.55	cps
Antimony	121-1	3080	3130	3097	3103	0.82	cps
Arsenic	75-2	15588	15852	15325	15588	1.69	cps
Barium	135-1	156638	159154	157213	157669	0.84	cps
Barium	137-1	269662	273154	272313	271710	0.67	cps
Beryllium	9-1	347	370	407	374	8.08	cps
Bismuth	209-1	8773049	8831114	8697356	8767173	0.77	cps
Bismuth	209-2	6756761	6751517	6717385	6741888	0.32	cps
Bromine	81-1	7715	7239	7429	7461	3.22	cps
Bromine	81-2	100	123	173	132	28.34	cps
Cadmium	108-1	70	103	67	80	25.35	cps
Cadmium	106-1	2890	2920	2690	2834	4.41	cps
Cadmium	111-1	2234	2262	2137	2211	2.98	cps
Calcium	43-1	49858	49641	50978	50159	1.43	cps
Calcium	44-1	797493	796272	806949	800238	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89963	89449	88283	89232	0.96	cps
Cobalt	59-2	46702	47220	46422	46781	0.87	cps
Copper	63-2	97458	95740	95931	96376	0.98	cps
Dysprosium	156-1	10671	10868	11084	10874	1.90	cps
Dysprosium	156-2	8446	8376	8576	8466	1.20	cps
Erbium	164-1	8543	9046	8843	8811	2.88	cps
Erbium	164-2	5655	5978	5825	5819	2.78	cps
Gadolinium	160-1	10060	10147	10464	10224	2.08	cps
Gadolinium	160-2	7282	7062	7132	7159	1.57	cps
Holmium	165-1	13982654	14050575	13853730	13962320	0.72	cps
Holmium	165-2	9234365	9271652	9228417	9244811	0.25	cps
Indium	115-1	10334000	10455303	10318523	10369275	0.72	cps
Indium	115-2	3250336	3210754	3259949	3240347	0.80	cps
Iron	56-2	49887743	49709779	49054691	49550738	0.89	cps
Iron	57-2	1301953	1288199	1285682	1291945	0.68	cps
Iron	54-2	2721712	2732605	2693751	2716023	0.74	cps
Krypton	83-1	103	97	110	103	6.45	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5D4L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 20:43:09	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	38214	39611	38070	38631	2.20	cps
Lead	207-1	33368	33772	33865	33668	0.79	cps
Lead	208-1	151042	154281	153056	152793	1.07	cps
Lithium	6-1	1948159	1958091	1932538	1946262	0.66	cps
Magnesium	24-2	1175988	1190739	1176596	1181107	0.71	cps
Manganese	55-2	1045561	1043430	1032568	1040520	0.67	cps
Molybdenum	94-1	11118	11765	10917	11267	3.93	cps
Molybdenum	95-1	1010	1000	920	977	5.05	cps
Molybdenum	96-1	3714	3554	3650	3639	2.21	cps
Molybdenum	97-1	647	567	607	607	6.59	cps
Molybdenum	98-1	1653	1507	1457	1539	6.64	cps
Neodymium	150-1	18766	19226	18953	18982	1.22	cps
Neodymium	150-2	10047	10454	9930	10144	2.71	cps
Nickel	60-2	25138	24801	24513	24817	1.26	cps
Phosphorus	31-2	2604	2450	2527	2527	3.03	cps
Potassium	39-2	496474	494705	487683	492954	0.94	cps
Rhodium	103-1	9143664	9132751	9081941	9119452	0.36	cps
Rhodium	103-2	5038924	5036713	5028958	5034865	0.10	cps
Scandium	45-1	5126742	5105230	5043288	5091753	0.85	cps
Scandium	45-2	414381	413985	412490	413619	0.24	cps
Selenium	82-1	414	353	373	380	8.22	cps
Selenium	77-2	27	10	37	24	55.11	cps
Selenium	78-2	167	120	100	129	26.54	cps
Silicon	28-1	1001238	1010133	1011239	1007536	0.54	cps
Silver	107-1	437	433	497	456	7.82	cps
Silver	109-1	393	383	407	394	2.97	cps
Sodium	23-2	24199	23725	23895	23940	1.00	cps
Strontium	86-1	33198	33067	33010	33092	0.29	cps
Strontium	88-1	283294	285717	285693	284901	0.49	cps
Sulfur	34-1	107340	107310	107972	107541	0.35	cps
Terbium	159-1	14437015	14571628	14304844	14437829	0.92	cps
Terbium	159-2	9050777	9001900	8999309	9017329	0.32	cps
Thallium	203-1	443	477	467	462	3.70	cps
Thallium	205-1	1163	1217	1117	1166	4.29	cps
Tin	118-1	3384	3687	3664	3578	4.72	cps
Titanium	47-1	104702	106387	106598	105896	0.98	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5D4L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 20:43:09	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4628	4681	4571	4626	1.19	cps
Vanadium	51-2	102679	102333	101115	102043	0.81	cps
Yttrium	89-1	10845052	10844596	10745952	10811867	0.53	cps
Yttrium	89-2	2511339	2500939	2496863	2503047	0.30	cps
Zinc	66-2	18925	19096	18882	18968	0.60	cps
Zirconium	90-1	28394	28788	29009	28730	1.08	cps
Zirconium	91-1	6505	6538	6782	6608	2.29	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-07	Instrumnet Name :	P7
Client Sample ID :	MYD5D4S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:46:24	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6705067	6634499	6701213	6680260	0.59	cps
Antimony	121-1	382748	387415	385935	385366	0.62	cps
Arsenic	75-2	82236	83325	82557	82706	0.68	cps
Barium	135-1	2843217	2847418	2838205	2842947	0.16	cps
Barium	137-1	4909525	4955017	4918941	4927828	0.49	cps
Beryllium	9-1	30226	30103	30613	30314	0.88	cps
Bismuth	209-1	8536312	8639581	8569965	8581953	0.61	cps
Bismuth	209-2	6547642	6589537	6577778	6571653	0.33	cps
Bromine	81-1	9023	9263	8843	9043	2.33	cps
Bromine	81-2	450	413	357	407	11.56	cps
Cadmium	108-1	3184	3117	3310	3204	3.07	cps
Cadmium	106-1	7405	7472	7772	7550	2.59	cps
Cadmium	111-1	49814	49255	49531	49533	0.56	cps
Calcium	43-1	248004	249670	248535	248736	0.34	cps
Calcium	44-1	3732301	3693303	3710472	3712025	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	677615	678262	684133	680003	0.53	cps
Cobalt	59-2	1132795	1133769	1129400	1131988	0.20	cps
Copper	63-2	771902	777998	772250	774050	0.44	cps
Dysprosium	156-1	56326	56044	56506	56292	0.41	cps
Dysprosium	156-2	41815	41946	41728	41830	0.26	cps
Erbium	164-1	44113	45460	44708	44760	1.51	cps
Erbium	164-2	29097	28890	28943	28977	0.37	cps
Gadolinium	160-1	50892	51036	51755	51228	0.90	cps
Gadolinium	160-2	34726	35538	35455	35240	1.27	cps
Holmium	165-1	13973312	14078883	13857124	13969773	0.79	cps
Holmium	165-2	9316069	9270508	9184820	9257132	0.72	cps
Indium	115-1	10366272	10271950	10180068	10272763	0.91	cps
Indium	115-2	3213018	3163082	3159793	3178631	0.94	cps
Iron	56-2	246564050	245819410	244189830	245524430	0.49	cps
Iron	57-2	6096384	6070746	6113344	6093491	0.35	cps
Iron	54-2	13322313	13279276	13364042	13321877	0.32	cps
Krypton	83-1	163	117	153	144	17.01	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-07	Instrumnet Name :	P7
Client Sample ID :	MYD5D4S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:46:24	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	248037	251240	252591	250623	0.93	cps
Lead	207-1	214178	217259	218733	216723	1.07	cps
Lead	208-1	983145	992497	997521	991054	0.74	cps
Lithium	6-1	1900406	1969469	1913092	1927656	1.91	cps
Magnesium	24-2	5842876	5852532	5864035	5853148	0.18	cps
Manganese	55-2	5532130	5445613	5418173	5465305	1.09	cps
Molybdenum	94-1	58319	58235	58637	58397	0.36	cps
Molybdenum	95-1	4874	4844	5131	4950	3.18	cps
Molybdenum	96-1	18832	18395	18438	18555	1.30	cps
Molybdenum	97-1	2980	3194	3220	3131	4.20	cps
Molybdenum	98-1	7909	7906	7605	7807	2.23	cps
Neodymium	150-1	94833	96413	95114	95453	0.88	cps
Neodymium	150-2	51219	51423	51671	51438	0.44	cps
Nickel	60-2	348617	347360	344353	346776	0.63	cps
Phosphorus	31-2	11721	12008	12245	11991	2.19	cps
Potassium	39-2	2170439	2196218	2164055	2176904	0.78	cps
Rhodium	103-1	9014674	9012621	8924615	8983970	0.57	cps
Rhodium	103-2	4882282	4881054	4862860	4875399	0.22	cps
Scandium	45-1	5342529	5335956	5230067	5302851	1.19	cps
Scandium	45-2	425582	429088	422990	425886	0.72	cps
Selenium	82-1	5643	5562	5538	5581	0.98	cps
Selenium	77-2	543	643	603	597	8.44	cps
Selenium	78-2	1770	1657	1710	1712	3.31	cps
Silicon	28-1	4543652	4545812	4521041	4536835	0.30	cps
Silver	107-1	220330	220391	222086	220936	0.45	cps
Silver	109-1	209729	212914	211801	211481	0.76	cps
Sodium	23-2	82918	82626	82489	82678	0.27	cps
Strontium	86-1	164473	163722	163661	163952	0.28	cps
Strontium	88-1	1433733	1432722	1442194	1436216	0.36	cps
Sulfur	34-1	116886	119281	117622	117930	1.04	cps
Terbium	159-1	14532779	14412981	14454591	14466783	0.42	cps
Terbium	159-2	9028695	8994408	8966318	8996474	0.35	cps
Thallium	203-1	177297	178080	179746	178374	0.70	cps
Thallium	205-1	422700	424996	427899	425198	0.61	cps
Tin	118-1	15028	15115	15342	15161	1.07	cps
Titanium	47-1	535816	535216	538621	536551	0.34	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-07	Instrumnet Name :	P7
Client Sample ID :	MYD5D4S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:46:24	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23364	23441	23397	23401	0.16	cps
Vanadium	51-2	1035814	1031824	1028050	1031896	0.38	cps
Yttrium	89-1	11388202	11188454	11176928	11251195	1.06	cps
Yttrium	89-2	2553676	2581601	2566489	2567255	0.54	cps
Zinc	66-2	197024	197062	196566	196884	0.14	cps
Zirconium	90-1	147189	149198	148138	148175	0.68	cps
Zirconium	91-1	32960	33278	33355	33198	0.63	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD5D4SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:49:33	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6877921	6849187	6819213	6848774	0.43	cps
Antimony	121-1	1821088	1829930	1847490	1832836	0.73	cps
Arsenic	75-2	100591	102047	100128	100922	0.99	cps
Barium	135-1	10651087	10511978	10587429	10583498	0.66	cps
Barium	137-1	18292892	18249354	18308148	18283465	0.17	cps
Beryllium	9-1	139068	138342	138516	138642	0.27	cps
Bismuth	209-1	8614274	8525469	8455895	8531879	0.93	cps
Bismuth	209-2	6543480	6356068	6564875	6488141	1.77	cps
Bromine	81-1	8823	8676	8703	8734	0.90	cps
Bromine	81-2	430	357	433	407	10.65	cps
Cadmium	108-1	14841	14421	15061	14774	2.20	cps
Cadmium	106-1	23219	23022	22631	22957	1.30	cps
Cadmium	111-1	221452	221432	221367	221417	0.02	cps
Calcium	43-1	234131	236067	235694	235298	0.44	cps
Calcium	44-1	3512175	3531167	3497181	3513507	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1538735	1541273	1534025	1538011	0.24	cps
Cobalt	59-2	4507496	4542432	4509471	4519799	0.43	cps
Copper	63-2	1911348	1910003	1897547	1906299	0.40	cps
Dysprosium	156-1	53789	54897	53719	54135	1.22	cps
Dysprosium	156-2	40217	40375	40475	40356	0.32	cps
Erbium	164-1	42561	43497	42568	42876	1.26	cps
Erbium	164-2	28322	28275	27788	28128	1.05	cps
Gadolinium	160-1	49517	49892	49795	49735	0.39	cps
Gadolinium	160-2	33436	33971	33724	33710	0.79	cps
Holmium	165-1	14151075	13852281	13716076	13906477	1.60	cps
Holmium	165-2	9149592	8988871	9133388	9090617	0.97	cps
Indium	115-1	10111530	10097104	9994896	10067843	0.63	cps
Indium	115-2	3160090	3067899	3102108	3110032	1.50	cps
Iron	56-2	240119843	240363836	239541303	240008328	0.18	cps
Iron	57-2	5873290	5820894	5811387	5835190	0.57	cps
Iron	54-2	12912992	13008088	12864630	12928570	0.56	cps
Krypton	83-1	163	160	197	173	11.70	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD5D4SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:49:33	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	460703	464878	465018	463533	0.53	cps
Lead	207-1	403041	402753	403564	403120	0.10	cps
Lead	208-1	1836517	1844791	1842268	1841192	0.23	cps
Lithium	6-1	1908967	1872636	1861461	1881021	1.32	cps
Magnesium	24-2	5560923	5563825	5642866	5589205	0.83	cps
Manganese	55-2	6942858	6990868	6920680	6951469	0.52	cps
Molybdenum	94-1	55160	55237	56117	55505	0.96	cps
Molybdenum	95-1	4888	4711	4828	4809	1.87	cps
Molybdenum	96-1	17100	17721	17270	17364	1.85	cps
Molybdenum	97-1	2867	3010	2787	2888	3.92	cps
Molybdenum	98-1	7809	7956	7519	7761	2.86	cps
Neodymium	150-1	91625	92987	92226	92279	0.74	cps
Neodymium	150-2	48794	49941	49460	49398	1.17	cps
Nickel	60-2	1185631	1192212	1187079	1188308	0.29	cps
Phosphorus	31-2	11528	11808	11394	11577	1.82	cps
Potassium	39-2	2096948	2089444	2106288	2097560	0.40	cps
Rhodium	103-1	8703320	8669107	8583417	8651948	0.71	cps
Rhodium	103-2	4860158	4725114	4763029	4782767	1.46	cps
Scandium	45-1	5181270	5124864	5067434	5124523	1.11	cps
Scandium	45-2	416698	411711	412241	413550	0.66	cps
Selenium	82-1	27687	27306	27911	27635	1.11	cps
Selenium	77-2	2387	2530	2457	2458	2.92	cps
Selenium	78-2	7956	8032	8232	8073	1.77	cps
Silicon	28-1	4370230	4372416	4306996	4349880	0.85	cps
Silver	107-1	936275	836235	774739	849083	9.60	cps
Silver	109-1	752350	800628	694296	749091	7.11	cps
Sodium	23-2	79490	80388	80251	80043	0.60	cps
Strontium	86-1	154959	156625	157499	156361	0.83	cps
Strontium	88-1	1366458	1369913	1366801	1367724	0.14	cps
Sulfur	34-1	116920	115200	114975	115698	0.92	cps
Terbium	159-1	14322232	14250053	14229868	14267384	0.34	cps
Terbium	159-2	8965567	8794978	8697826	8819457	1.54	cps
Thallium	203-1	852782	852797	861887	855822	0.61	cps
Thallium	205-1	2227614	2261297	2286298	2258403	1.30	cps
Tin	118-1	15121	15051	14824	14999	1.03	cps
Titanium	47-1	508367	508388	507913	508222	0.05	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD5D4SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:49:33	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22035	22379	22609	22341	1.29	cps
Vanadium	51-2	2939308	2915162	2924187	2926219	0.42	cps
Yttrium	89-1	10932007	10843519	10886851	10887459	0.41	cps
Yttrium	89-2	2523191	2467536	2524414	2505047	1.30	cps
Zinc	66-2	595770	593712	591790	593757	0.34	cps
Zirconium	90-1	142063	141180	143079	142107	0.67	cps
Zirconium	91-1	32222	31521	32062	31935	1.15	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P3945-01A	Instrumnet Name :	P7
Client Sample ID :	MC0AN7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:52:34	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	454106	449430	444442	449326	1.08	cps
Antimony	121-1	41607	40560	39608	40592	2.46	cps
Arsenic	75-2	5998	6118	5925	6013	1.62	cps
Barium	135-1	1468035	1411024	1370760	1416606	3.45	cps
Barium	137-1	2696149	2538320	2486233	2573567	4.25	cps
Beryllium	9-1	520	460	517	499	6.76	cps
Bismuth	209-1	13184797	12145342	11551264	12293801	6.73	cps
Bismuth	209-2	8345029	8287692	8303322	8312014	0.36	cps
Bromine	81-1	8739	8242	8646	8543	3.09	cps
Bromine	81-2	387	367	420	391	6.89	cps
Cadmium	108-1	1977	1787	1933	1899	5.24	cps
Cadmium	106-1	6675	6021	5905	6200	6.70	cps
Cadmium	111-1	29138	27993	27444	28192	3.07	cps
Calcium	43-1	952711	911737	893939	919462	3.28	cps
Calcium	44-1	14338904	13621616	13395154	13785225	3.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15675	15234	14998	15302	2.25	cps
Cobalt	59-2	20598	21015	20424	20679	1.47	cps
Copper	63-2	189863	188930	187471	188755	0.64	cps
Dysprosium	156-1	8619	8119	7829	8189	4.88	cps
Dysprosium	156-2	5765	5468	5218	5483	4.99	cps
Erbium	164-1	8693	8583	8473	8583	1.28	cps
Erbium	164-2	5414	5091	5088	5198	3.61	cps
Gadolinium	160-1	8046	7582	7449	7692	4.07	cps
Gadolinium	160-2	5645	5364	5291	5433	3.43	cps
Holmium	165-1	20400841	18789407	17903150	19031133	6.65	cps
Holmium	165-2	11389456	11277061	11176847	11281121	0.94	cps
Indium	115-1	14852237	13759433	13169717	13927129	6.13	cps
Indium	115-2	3973604	3864274	3901540	3913139	1.42	cps
Iron	56-2	38802640	38382169	38245312	38476707	0.75	cps
Iron	57-2	1024276	1016431	1009608	1016772	0.72	cps
Iron	54-2	2126945	2097325	2112127	2112132	0.70	cps
Krypton	83-1	173	87	127	129	33.65	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P3945-01A	Instrumnet Name :	P7
Client Sample ID :	MC0AN7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:52:34	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2384545	2287710	2221945	2298067	3.56	cps
Lead	207-1	2060018	1979979	1950045	1996680	2.85	cps
Lead	208-1	9448941	8971014	8796146	9072034	3.72	cps
Lithium	6-1	2727334	2519858	2424075	2557089	6.06	cps
Magnesium	24-2	1787557	1784967	1770580	1781035	0.51	cps
Manganese	55-2	817465	811093	802973	810510	0.90	cps
Molybdenum	94-1	2150	1930	1690	1923	11.96	cps
Molybdenum	95-1	453	503	453	470	6.14	cps
Molybdenum	96-1	1453	1270	1203	1309	9.89	cps
Molybdenum	97-1	403	317	277	332	19.49	cps
Molybdenum	98-1	823	683	820	776	10.30	cps
Neodymium	150-1	12132	11528	11605	11755	2.80	cps
Neodymium	150-2	5755	5718	5815	5762	0.85	cps
Nickel	60-2	19847	19343	19593	19594	1.29	cps
Phosphorus	31-2	13206	12936	12912	13018	1.25	cps
Potassium	39-2	2462703	2449625	2418257	2443528	0.93	cps
Rhodium	103-1	12997932	11847436	11436761	12094043	6.69	cps
Rhodium	103-2	6070781	5945790	6026058	6014210	1.05	cps
Scandium	45-1	7068325	6519943	6218012	6602093	6.53	cps
Scandium	45-2	489285	486834	481578	485899	0.81	cps
Selenium	82-1	527	469	451	482	8.19	cps
Selenium	77-2	17	13	13	14	13.35	cps
Selenium	78-2	137	113	123	124	9.41	cps
Silicon	28-1	16370963	15885771	15316828	15857854	3.33	cps
Silver	107-1	15622	15885	15629	15712	0.96	cps
Silver	109-1	15071	15302	14985	15119	1.08	cps
Sodium	23-2	677975	674712	662017	671568	1.26	cps
Strontium	86-1	438358	418993	411629	422993	3.26	cps
Strontium	88-1	3877592	3665337	3623501	3722143	3.66	cps
Sulfur	34-1	171770	172360	169940	171356	0.74	cps
Terbium	159-1	20919625	19354129	18441023	19571592	6.40	cps
Terbium	159-2	11047711	10997032	10898959	10981234	0.69	cps
Thallium	203-1	1913	1497	1353	1588	18.32	cps
Thallium	205-1	4561	3667	3300	3843	16.87	cps
Tin	118-1	707	633	700	680	5.96	cps
Titanium	47-1	10090	10053	9403	9849	3.92	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P3945-01A	Instrumnet Name :	P7
Client Sample ID :	MC0AN7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:52:34	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7816	7452	7105	7458	4.76	cps
Vanadium	51-2	69609	68421	69235	69088	0.88	cps
Yttrium	89-1	15362744	13938291	13455654	14252230	6.96	cps
Yttrium	89-2	3046110	2974235	2928964	2983103	1.98	cps
Zinc	66-2	1886161	1864840	1861681	1870894	0.71	cps
Zirconium	90-1	4691	4407	4274	4457	4.78	cps
Zirconium	91-1	1037	1040	1010	1029	1.60	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-08	Instrumnet Name :	P7
Client Sample ID :	MYD5D5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:55:42	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7458143	7459532	7474389	7464021	0.12	cps
Antimony	121-1	14274	14914	14654	14614	2.20	cps
Arsenic	75-2	51970	50666	50860	51165	1.38	cps
Barium	135-1	787997	804907	808625	800510	1.37	cps
Barium	137-1	1376550	1396365	1402280	1391732	0.97	cps
Beryllium	9-1	1807	1907	1690	1801	6.02	cps
Bismuth	209-1	8380576	8491005	8442138	8437906	0.66	cps
Bismuth	209-2	6491616	6520899	6524853	6512456	0.28	cps
Bromine	81-1	9350	9623	9613	9529	1.63	cps
Bromine	81-2	487	623	513	541	13.39	cps
Cadmium	108-1	363	380	357	367	3.28	cps
Cadmium	106-1	3587	3884	3637	3703	4.29	cps
Cadmium	111-1	2883	3209	2906	3000	6.07	cps
Calcium	43-1	246761	251608	253041	250470	1.31	cps
Calcium	44-1	3673230	3776080	3800557	3749956	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	372155	365898	369548	369200	0.85	cps
Cobalt	59-2	199277	197072	197694	198015	0.57	cps
Copper	63-2	335164	332513	332286	333321	0.48	cps
Dysprosium	156-1	61092	62649	63148	62296	1.72	cps
Dysprosium	156-2	47951	46931	48513	47799	1.68	cps
Erbium	164-1	47985	48253	48842	48360	0.91	cps
Erbium	164-2	31602	31171	32007	31593	1.32	cps
Gadolinium	160-1	55931	57400	58056	57129	1.90	cps
Gadolinium	160-2	39031	38416	38777	38741	0.80	cps
Holmium	165-1	13821533	13795302	13996683	13871173	0.79	cps
Holmium	165-2	9072901	9019220	9182018	9091380	0.91	cps
Indium	115-1	10072531	10270648	10354113	10232431	1.41	cps
Indium	115-2	3186689	3161957	3161875	3170174	0.45	cps
Iron	56-2	219083170	219697517	219333510	219371399	0.14	cps
Iron	57-2	5415171	5455975	5391250	5420799	0.60	cps
Iron	54-2	11845922	11761551	11847458	11818310	0.42	cps
Krypton	83-1	153	113	137	134	14.95	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-08	Instrumnet Name :	P7
Client Sample ID :	MYD5D5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:55:42	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	115697	117122	117381	116733	0.78	cps
Lead	207-1	97523	98091	99141	98252	0.84	cps
Lead	208-1	449056	453277	455290	452541	0.70	cps
Lithium	6-1	1891396	1915899	1936438	1914577	1.18	cps
Magnesium	24-2	5203131	5136491	5155686	5165103	0.66	cps
Manganese	55-2	4289605	4272317	4251393	4271105	0.45	cps
Molybdenum	94-1	114006	117318	118588	116637	2.03	cps
Molybdenum	95-1	3434	3690	3814	3646	5.32	cps
Molybdenum	96-1	25976	26958	26875	26603	2.05	cps
Molybdenum	97-1	2210	2447	2420	2359	5.50	cps
Molybdenum	98-1	5501	5925	5614	5680	3.86	cps
Neodymium	150-1	111708	113942	115260	113637	1.58	cps
Neodymium	150-2	62554	61182	61158	61632	1.30	cps
Nickel	60-2	112011	112820	112585	112472	0.37	cps
Phosphorus	31-2	10130	9817	9810	9919	1.84	cps
Potassium	39-2	1495291	1480698	1482296	1486095	0.54	cps
Rhodium	103-1	8789641	9023516	8858435	8890531	1.35	cps
Rhodium	103-2	4929022	4867580	4903915	4900172	0.63	cps
Scandium	45-1	5196013	5332621	5263855	5264163	1.30	cps
Scandium	45-2	428605	428163	430429	429066	0.28	cps
Selenium	82-1	384	478	484	449	12.56	cps
Selenium	77-2	113	110	130	118	9.10	cps
Selenium	78-2	230	217	280	242	13.79	cps
Silicon	28-1	4425931	4752858	4590621	4589803	3.56	cps
Silver	107-1	2697	2130	1843	2224	19.53	cps
Silver	109-1	2380	1880	1693	1985	17.89	cps
Sodium	23-2	52867	52827	52817	52837	0.05	cps
Strontium	86-1	161256	163988	166075	163773	1.48	cps
Strontium	88-1	1415658	1450641	1449114	1438471	1.37	cps
Sulfur	34-1	112306	109862	107300	109822	2.28	cps
Terbium	159-1	14095406	14248814	14293278	14212499	0.73	cps
Terbium	159-2	8965585	8921215	8928069	8938290	0.27	cps
Thallium	203-1	2334	2217	2284	2278	2.57	cps
Thallium	205-1	5031	5555	5461	5349	5.22	cps
Tin	118-1	14648	14771	15352	14923	2.52	cps
Titanium	47-1	740131	763997	766513	756880	1.92	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-08	Instrumnet Name :	P7
Client Sample ID :	MYD5D5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:55:42	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21197	20983	21704	21295	1.74	cps
Vanadium	51-2	436235	432169	434201	434201	0.47	cps
Yttrium	89-1	11123653	11279566	11220308	11207842	0.70	cps
Yttrium	89-2	2630849	2564745	2577689	2591094	1.35	cps
Zinc	66-2	73319	72140	71899	72452	1.05	cps
Zirconium	90-1	302598	311659	311052	308436	1.64	cps
Zirconium	91-1	67444	70060	69607	69037	2.02	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-09	Instrumnet Name :	P7
Client Sample ID :	MYD5D6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:58:52	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6652720	6585556	6610204	6616160	0.51	cps
Antimony	121-1	14401	14771	14838	14670	1.61	cps
Arsenic	75-2	41197	41003	40896	41032	0.37	cps
Barium	135-1	767141	786125	783963	779076	1.33	cps
Barium	137-1	1334883	1356213	1353814	1348303	0.87	cps
Beryllium	9-1	1647	1643	1673	1655	0.99	cps
Bismuth	209-1	8384572	8556042	8527551	8489388	1.08	cps
Bismuth	209-2	6516882	6433489	6522502	6490958	0.77	cps
Bromine	81-1	8202	8302	8206	8237	0.69	cps
Bromine	81-2	280	347	320	316	10.64	cps
Cadmium	108-1	230	270	240	247	8.44	cps
Cadmium	106-1	3524	3347	3340	3404	3.06	cps
Cadmium	111-1	3189	3004	2954	3049	4.07	cps
Calcium	43-1	319633	325967	324929	323510	1.05	cps
Calcium	44-1	4845130	4814873	4900486	4853496	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	336407	335806	333271	335161	0.50	cps
Cobalt	59-2	239748	238515	238359	238874	0.32	cps
Copper	63-2	340758	341601	341531	341297	0.14	cps
Dysprosium	156-1	56135	57567	58354	57352	1.96	cps
Dysprosium	156-2	44079	43330	44273	43894	1.13	cps
Erbium	164-1	43835	45303	45661	44933	2.15	cps
Erbium	164-2	29651	29481	28903	29345	1.34	cps
Gadolinium	160-1	51267	52357	52986	52203	1.67	cps
Gadolinium	160-2	36137	36584	35268	35996	1.86	cps
Holmium	165-1	13801554	14017977	13852949	13890827	0.81	cps
Holmium	165-2	9215416	8943254	9155520	9104730	1.57	cps
Indium	115-1	10171124	10169524	10129335	10156661	0.23	cps
Indium	115-2	3193330	3140070	3160754	3164718	0.85	cps
Iron	56-2	232429670	232361757	230498503	231763310	0.47	cps
Iron	57-2	5706226	5688929	5699586	5698247	0.15	cps
Iron	54-2	12550542	12713169	12519097	12594269	0.83	cps
Krypton	83-1	103	123	193	140	33.76	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-09	Instrumnet Name :	P7
Client Sample ID :	MYD5D6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:58:52	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	123972	125277	126576	125275	1.04	cps
Lead	207-1	104632	107423	107679	106578	1.59	cps
Lead	208-1	484541	492133	495771	490815	1.17	cps
Lithium	6-1	1924352	1906288	1895628	1908756	0.76	cps
Magnesium	24-2	5552114	5556993	5504720	5537942	0.52	cps
Manganese	55-2	4513929	4508806	4488361	4503699	0.30	cps
Molybdenum	94-1	88126	88770	88545	88481	0.37	cps
Molybdenum	95-1	3867	3904	3774	3848	1.74	cps
Molybdenum	96-1	22040	22514	22367	22307	1.09	cps
Molybdenum	97-1	2464	2410	2404	2426	1.36	cps
Molybdenum	98-1	5831	6041	5558	5810	4.17	cps
Neodymium	150-1	98823	102009	102711	101181	2.05	cps
Neodymium	150-2	55897	56124	54695	55572	1.38	cps
Nickel	60-2	108751	109603	109056	109137	0.40	cps
Phosphorus	31-2	11698	11451	11448	11532	1.24	cps
Potassium	39-2	2074381	2031771	2063867	2056673	1.08	cps
Rhodium	103-1	8850242	8882367	8883437	8872015	0.21	cps
Rhodium	103-2	4920864	4829717	4888704	4879762	0.95	cps
Scandium	45-1	5158273	5218435	5151715	5176141	0.71	cps
Scandium	45-2	421607	420480	424894	422327	0.54	cps
Selenium	82-1	478	483	325	429	20.92	cps
Selenium	77-2	163	77	123	121	35.82	cps
Selenium	78-2	207	207	207	207	0.00	cps
Silicon	28-1	4294810	4402586	4414572	4370656	1.51	cps
Silver	107-1	1280	1203	1083	1189	8.34	cps
Silver	109-1	1003	1143	920	1022	11.04	cps
Sodium	23-2	45029	45497	45086	45204	0.56	cps
Strontium	86-1	139015	141330	141179	140508	0.92	cps
Strontium	88-1	1227021	1242378	1238851	1236083	0.65	cps
Sulfur	34-1	106646	107089	107048	106928	0.23	cps
Terbium	159-1	14258953	14373361	14272529	14301615	0.44	cps
Terbium	159-2	8897913	8886309	8902720	8895647	0.09	cps
Thallium	203-1	2027	1997	2100	2041	2.60	cps
Thallium	205-1	4871	4818	4841	4843	0.55	cps
Tin	118-1	13920	14828	13957	14235	3.61	cps
Titanium	47-1	695596	705460	702297	701117	0.72	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-09	Instrumnet Name :	P7
Client Sample ID :	MYD5D6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 20:58:52	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17709	18643	18343	18231	2.62	cps
Vanadium	51-2	459458	461700	458087	459748	0.40	cps
Yttrium	89-1	11094032	11218873	11071373	11128093	0.71	cps
Yttrium	89-2	2549258	2553187	2596256	2566234	1.02	cps
Zinc	66-2	75837	76119	75473	75810	0.43	cps
Zirconium	90-1	230677	234061	232851	232530	0.74	cps
Zirconium	91-1	50951	52417	53159	52176	2.15	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-10	Instrumnet Name :	P7
Client Sample ID :	MYD5D7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:02:04	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5670631	5684344	5579975	5644983	1.00	cps
Antimony	121-1	27029	27643	27660	27444	1.31	cps
Arsenic	75-2	392153	393857	390098	392036	0.48	cps
Barium	135-1	821224	829076	835661	828654	0.87	cps
Barium	137-1	1427411	1439891	1461229	1442844	1.19	cps
Beryllium	9-1	1810	1730	1843	1795	3.25	cps
Bismuth	209-1	8605471	8664056	8659852	8643126	0.38	cps
Bismuth	209-2	6558652	6534885	6491346	6528294	0.52	cps
Bromine	81-1	8576	8906	9136	8873	3.17	cps
Bromine	81-2	467	437	470	458	4.01	cps
Cadmium	108-1	263	287	253	268	6.39	cps
Cadmium	106-1	3564	3554	3200	3439	6.02	cps
Cadmium	111-1	3220	3214	2973	3136	4.50	cps
Calcium	43-1	314788	315026	317962	315925	0.56	cps
Calcium	44-1	4681049	4703931	4704742	4696574	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	551924	547648	545721	548431	0.58	cps
Cobalt	59-2	410591	412059	409396	410682	0.32	cps
Copper	63-2	726039	720282	720230	722183	0.46	cps
Dysprosium	156-1	66711	66878	67816	67135	0.89	cps
Dysprosium	156-2	48022	48119	46624	47588	1.76	cps
Erbium	164-1	68587	71240	71244	70357	2.18	cps
Erbium	164-2	45745	44370	45698	45271	1.72	cps
Gadolinium	160-1	66326	67565	67980	67290	1.28	cps
Gadolinium	160-2	46276	45711	46350	46112	0.76	cps
Holmium	165-1	14133479	14063404	14015041	14070641	0.42	cps
Holmium	165-2	9280269	9110093	9053743	9148035	1.29	cps
Indium	115-1	10207383	10319084	10109944	10212137	1.02	cps
Indium	115-2	3166318	3158148	3138870	3154445	0.45	cps
Iron	56-2	422842914	421338247	421891354	422024171	0.18	cps
Iron	57-2	10427089	10394796	10310260	10377381	0.58	cps
Iron	54-2	22827380	22854945	22651700	22778009	0.48	cps
Krypton	83-1	203	183	193	193	5.17	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-10	Instrumnet Name :	P7
Client Sample ID :	MYD5D7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:02:04	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	103715	105401	105525	104880	0.96	cps
Lead	207-1	89992	89713	90526	90077	0.46	cps
Lead	208-1	405814	408887	413676	409459	0.97	cps
Lithium	6-1	1968108	1926324	1901992	1932141	1.73	cps
Magnesium	24-2	4403105	4406970	4435442	4415172	0.40	cps
Manganese	55-2	9254936	9246114	9243452	9248168	0.06	cps
Molybdenum	94-1	74240	75858	75644	75247	1.17	cps
Molybdenum	95-1	10237	10017	10264	10173	1.33	cps
Molybdenum	96-1	28421	28952	29293	28888	1.52	cps
Molybdenum	97-1	6231	6301	6151	6228	1.21	cps
Molybdenum	98-1	16139	15929	15989	16019	0.68	cps
Neodymium	150-1	84062	86550	86469	85694	1.65	cps
Neodymium	150-2	46316	45891	45697	45968	0.69	cps
Nickel	60-2	177756	178151	177918	177941	0.11	cps
Phosphorus	31-2	18945	18915	18848	18903	0.26	cps
Potassium	39-2	1041889	1034197	1033898	1036661	0.44	cps
Rhodium	103-1	8874489	9022481	8941897	8946289	0.83	cps
Rhodium	103-2	4895037	4859526	4880879	4878481	0.37	cps
Scandium	45-1	5570943	5517634	5570565	5553047	0.55	cps
Scandium	45-2	450090	451265	445534	448963	0.67	cps
Selenium	82-1	474	436	473	461	4.69	cps
Selenium	77-2	120	123	93	112	14.65	cps
Selenium	78-2	187	217	223	209	9.35	cps
Silicon	28-1	5750918	5752091	5745052	5749354	0.07	cps
Silver	107-1	873	990	937	933	6.26	cps
Silver	109-1	850	753	947	850	11.37	cps
Sodium	23-2	104367	102552	103522	103480	0.88	cps
Strontium	86-1	221886	223253	224383	223174	0.56	cps
Strontium	88-1	1957010	1953273	1983629	1964638	0.84	cps
Sulfur	34-1	107790	107173	105816	106926	0.94	cps
Terbium	159-1	14366733	14222845	14463472	14351017	0.84	cps
Terbium	159-2	8945288	8986691	8980738	8970906	0.25	cps
Thallium	203-1	3414	3514	3594	3507	2.57	cps
Thallium	205-1	8032	8283	8403	8239	2.29	cps
Tin	118-1	13433	13967	14020	13807	2.35	cps
Titanium	47-1	414108	422849	422510	419822	1.18	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-10	Instrumnet Name :	P7
Client Sample ID :	MYD5D7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:02:04	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31731	32089	32760	32193	1.62	cps
Vanadium	51-2	1046428	1043498	1035143	1041690	0.56	cps
Yttrium	89-1	11411758	11436554	11478336	11442216	0.29	cps
Yttrium	89-2	2675957	2664154	2602859	2647657	1.48	cps
Zinc	66-2	113332	113816	112446	113198	0.61	cps
Zirconium	90-1	184038	186133	188236	186136	1.13	cps
Zirconium	91-1	41552	42695	42287	42178	1.37	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-11	Instrumnet Name :	P7
Client Sample ID :	MYD5D8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:05:12	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7407688	7290927	7301481	7333366	0.88	cps
Antimony	121-1	20558	21196	21196	20983	1.75	cps
Arsenic	75-2	125064	125088	126127	125426	0.48	cps
Barium	135-1	782768	788724	784810	785434	0.39	cps
Barium	137-1	1346777	1370253	1362010	1359680	0.88	cps
Beryllium	9-1	1597	1557	1530	1561	2.15	cps
Bismuth	209-1	8587239	8493439	8964810	8681830	2.87	cps
Bismuth	209-2	6625146	6520379	6520212	6555246	0.92	cps
Bromine	81-1	8499	7976	8442	8306	3.46	cps
Bromine	81-2	343	357	337	346	2.95	cps
Cadmium	108-1	373	407	343	374	8.46	cps
Cadmium	106-1	3834	3787	3817	3813	0.62	cps
Cadmium	111-1	4636	4653	4675	4655	0.42	cps
Calcium	43-1	206159	207917	206079	206719	0.50	cps
Calcium	44-1	3097060	3085767	3075920	3086249	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	557459	557848	559221	558176	0.17	cps
Cobalt	59-2	255831	256934	258059	256942	0.43	cps
Copper	63-2	558309	557828	559551	558563	0.16	cps
Dysprosium	156-1	58377	58873	59385	58878	0.86	cps
Dysprosium	156-2	43684	44477	44393	44185	0.99	cps
Erbium	164-1	45995	46718	46132	46282	0.83	cps
Erbium	164-2	30707	30330	29912	30316	1.31	cps
Gadolinium	160-1	55252	55262	54977	55164	0.29	cps
Gadolinium	160-2	37513	37677	37226	37472	0.61	cps
Holmium	165-1	14200486	13939342	14373636	14171155	1.54	cps
Holmium	165-2	9229428	9200776	9098236	9176147	0.75	cps
Indium	115-1	10158194	10235339	10386720	10260084	1.13	cps
Indium	115-2	3194092	3178742	3130757	3167864	1.04	cps
Iron	56-2	301217436	300631969	302284589	301377998	0.28	cps
Iron	57-2	7487883	7420506	7391571	7433320	0.66	cps
Iron	54-2	16317388	16333848	16253889	16301708	0.26	cps
Krypton	83-1	163	133	157	151	10.42	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-11	Instrumnet Name :	P7
Client Sample ID :	MYD5D8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:05:12	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	286725	293619	292027	290790	1.24	cps
Lead	207-1	252556	254654	256248	254486	0.73	cps
Lead	208-1	1142237	1158338	1159667	1153414	0.84	cps
Lithium	6-1	1908313	1907510	1923109	1912978	0.46	cps
Magnesium	24-2	6478834	6512785	6572619	6521413	0.73	cps
Manganese	55-2	5656782	5660682	5643270	5653578	0.16	cps
Molybdenum	94-1	83935	84542	85340	84606	0.83	cps
Molybdenum	95-1	6041	6121	6135	6099	0.83	cps
Molybdenum	96-1	24010	24030	24557	24199	1.28	cps
Molybdenum	97-1	3887	3620	3781	3763	3.57	cps
Molybdenum	98-1	9503	9593	9800	9632	1.58	cps
Neodymium	150-1	101724	102881	103734	102780	0.98	cps
Neodymium	150-2	55502	55067	54220	54930	1.19	cps
Nickel	60-2	145484	143525	144865	144625	0.69	cps
Phosphorus	31-2	12258	12405	12555	12406	1.20	cps
Potassium	39-2	1858631	1859671	1842894	1853732	0.51	cps
Rhodium	103-1	8811415	8830118	9071467	8904333	1.63	cps
Rhodium	103-2	4966849	4870158	4850245	4895751	1.27	cps
Scandium	45-1	5260071	5294657	5393400	5316043	1.30	cps
Scandium	45-2	431703	429781	429815	430433	0.26	cps
Selenium	82-1	485	448	494	476	5.10	cps
Selenium	77-2	137	83	103	108	25.00	cps
Selenium	78-2	213	203	210	209	2.44	cps
Silicon	28-1	4345525	4474446	4400467	4406813	1.47	cps
Silver	107-1	2744	2754	2597	2698	3.25	cps
Silver	109-1	2387	2430	2570	2462	3.89	cps
Sodium	23-2	52312	53238	51553	52368	1.61	cps
Strontium	86-1	145359	147052	146416	146276	0.58	cps
Strontium	88-1	1277533	1294382	1289819	1287245	0.68	cps
Sulfur	34-1	107565	109268	108048	108294	0.81	cps
Terbium	159-1	14307323	14347280	14810696	14488433	1.93	cps
Terbium	159-2	9022949	8965567	9007834	8998783	0.33	cps
Thallium	203-1	2350	2197	2327	2291	3.61	cps
Thallium	205-1	5291	5091	5304	5229	2.29	cps
Tin	118-1	14938	15769	15528	15412	2.77	cps
Titanium	47-1	533662	540417	536563	536881	0.63	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-11	Instrumnet Name :	P7
Client Sample ID :	MYD5D8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:05:12	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24489	25144	24543	24725	1.47	cps
Vanadium	51-2	637524	636448	638877	637616	0.19	cps
Yttrium	89-1	11123865	11150845	11343959	11206223	1.07	cps
Yttrium	89-2	2588057	2567940	2570972	2575656	0.42	cps
Zinc	66-2	113913	113074	113456	113481	0.37	cps
Zirconium	90-1	216455	219447	216992	217631	0.73	cps
Zirconium	91-1	48159	50038	49186	49128	1.92	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-12	Instrumnet Name :	P7
Client Sample ID :	MYD5D9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:08:24	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5977485	5935841	5790523	5901283	1.66	cps
Antimony	121-1	30362	31558	30886	30935	1.94	cps
Arsenic	75-2	379841	378533	377685	378686	0.29	cps
Barium	135-1	541904	543076	550123	545034	0.82	cps
Barium	137-1	942028	949471	947281	946260	0.40	cps
Beryllium	9-1	1220	1157	1133	1170	3.83	cps
Bismuth	209-1	8662828	8577083	8551859	8597257	0.68	cps
Bismuth	209-2	6607102	6534052	6448536	6529897	1.22	cps
Bromine	81-1	8229	8553	8439	8407	1.95	cps
Bromine	81-2	313	353	280	316	11.63	cps
Cadmium	108-1	240	137	180	186	27.96	cps
Cadmium	106-1	3374	3354	3157	3295	3.63	cps
Cadmium	111-1	3374	3362	3311	3349	1.00	cps
Calcium	43-1	137788	138121	136967	137626	0.43	cps
Calcium	44-1	2031265	2055877	2058930	2048691	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	315627	313746	315189	314854	0.31	cps
Cobalt	59-2	243297	240432	239650	241126	0.80	cps
Copper	63-2	445595	446341	443092	445009	0.38	cps
Dysprosium	156-1	53769	55164	54827	54587	1.33	cps
Dysprosium	156-2	40257	39084	40411	39918	1.82	cps
Erbium	164-1	43962	44584	44842	44463	1.02	cps
Erbium	164-2	29094	28512	28449	28685	1.24	cps
Gadolinium	160-1	52699	53569	53642	53303	0.98	cps
Gadolinium	160-2	36314	36594	36287	36398	0.47	cps
Holmium	165-1	14040986	13993309	13759464	13931253	1.08	cps
Holmium	165-2	9277123	9010737	9013406	9100422	1.68	cps
Indium	115-1	10201173	10177628	10212050	10196950	0.17	cps
Indium	115-2	3148572	3141573	3092396	3127513	0.98	cps
Iron	56-2	304361155	301174662	301143676	302226498	0.61	cps
Iron	57-2	7501362	7448322	7424109	7457931	0.53	cps
Iron	54-2	16424502	16287418	16316171	16342697	0.44	cps
Krypton	83-1	133	113	137	128	9.88	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-12	Instrumnet Name :	P7
Client Sample ID :	MYD5D9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:08:24	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	171592	173066	174467	173041	0.83	cps
Lead	207-1	145728	146672	147776	146725	0.70	cps
Lead	208-1	666973	670505	674331	670603	0.55	cps
Lithium	6-1	1910767	1889092	1892917	1897592	0.61	cps
Magnesium	24-2	4985111	4974896	4880369	4946792	1.17	cps
Manganese	55-2	4601235	4558843	4561350	4573809	0.52	cps
Molybdenum	94-1	44096	44635	44895	44542	0.91	cps
Molybdenum	95-1	7352	7429	7289	7356	0.95	cps
Molybdenum	96-1	19813	19092	18906	19271	2.49	cps
Molybdenum	97-1	4871	4831	4597	4766	3.10	cps
Molybdenum	98-1	11878	12085	11802	11922	1.23	cps
Neodymium	150-1	87194	86996	86986	87059	0.13	cps
Neodymium	150-2	46894	46366	46513	46591	0.59	cps
Nickel	60-2	98343	97591	97598	97844	0.44	cps
Phosphorus	31-2	13823	13453	13449	13575	1.58	cps
Potassium	39-2	1140913	1128164	1126590	1131889	0.69	cps
Rhodium	103-1	8846487	8874857	8798151	8839832	0.44	cps
Rhodium	103-2	4862000	4832332	4805856	4833396	0.58	cps
Scandium	45-1	5257800	5233584	5203510	5231632	0.52	cps
Scandium	45-2	427532	421820	421190	423514	0.82	cps
Selenium	82-1	502	453	487	481	5.22	cps
Selenium	77-2	97	130	103	110	16.03	cps
Selenium	78-2	217	237	243	232	5.98	cps
Silicon	28-1	4612365	4648815	4615805	4625662	0.44	cps
Silver	107-1	1463	1500	1410	1458	3.10	cps
Silver	109-1	1470	1303	1317	1363	6.79	cps
Sodium	23-2	41218	41629	40660	41169	1.18	cps
Strontium	86-1	125899	127217	127358	126825	0.63	cps
Strontium	88-1	1100937	1112031	1109683	1107550	0.53	cps
Sulfur	34-1	111554	111610	111520	111561	0.04	cps
Terbium	159-1	14460543	14375033	14406559	14414045	0.30	cps
Terbium	159-2	8995460	8898214	8905161	8932945	0.61	cps
Thallium	203-1	1110	1137	1003	1083	6.51	cps
Thallium	205-1	2614	2444	2554	2537	3.40	cps
Tin	118-1	13700	13627	13516	13614	0.68	cps
Titanium	47-1	244656	245290	244453	244800	0.18	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-12	Instrumnet Name :	P7
Client Sample ID :	MYD5D9	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:08:24	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26243	25855	25822	25973	0.90	cps
Vanadium	51-2	693143	687630	687409	689394	0.47	cps
Yttrium	89-1	11035655	11041784	10837537	10971659	1.06	cps
Yttrium	89-2	2564256	2529793	2504101	2532717	1.19	cps
Zinc	66-2	97190	96751	96016	96652	0.61	cps
Zirconium	90-1	107079	108765	109357	108400	1.09	cps
Zirconium	91-1	25549	24704	25469	25241	1.85	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-13	Instrumnet Name :	P7
Client Sample ID :	MYD5E0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:11:34	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7547531	7485910	7464856	7499433	0.57	cps
Antimony	121-1	17781	17988	17968	17912	0.64	cps
Arsenic	75-2	98098	96917	95907	96974	1.13	cps
Barium	135-1	812360	818864	824459	818561	0.74	cps
Barium	137-1	1404119	1427482	1424558	1418720	0.90	cps
Beryllium	9-1	1513	1657	1607	1592	4.57	cps
Bismuth	209-1	8543055	8532524	8539122	8538234	0.06	cps
Bismuth	209-2	6529515	6494863	6622316	6548898	1.01	cps
Bromine	81-1	8182	8192	8309	8228	0.86	cps
Bromine	81-2	337	290	313	313	7.45	cps
Cadmium	108-1	347	307	357	337	7.86	cps
Cadmium	106-1	3467	3507	3661	3545	2.88	cps
Cadmium	111-1	4174	4000	4209	4128	2.71	cps
Calcium	43-1	179217	181325	182064	180869	0.82	cps
Calcium	44-1	2706638	2719620	2736950	2721069	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	576806	573709	570946	573821	0.51	cps
Cobalt	59-2	267589	268618	267410	267872	0.24	cps
Copper	63-2	580965	579193	579129	579762	0.18	cps
Dysprosium	156-1	60483	61966	61514	61321	1.24	cps
Dysprosium	156-2	45704	44968	45276	45316	0.82	cps
Erbium	164-1	48336	48755	49694	48928	1.42	cps
Erbium	164-2	31970	31583	31713	31755	0.62	cps
Gadolinium	160-1	55998	56570	56600	56390	0.60	cps
Gadolinium	160-2	39549	38570	38108	38742	1.90	cps
Holmium	165-1	13673699	14109937	14097641	13960426	1.78	cps
Holmium	165-2	9204836	9115431	9113525	9144597	0.57	cps
Indium	115-1	9973149	10038904	9887940	9966664	0.76	cps
Indium	115-2	3126245	3122184	3132717	3127049	0.17	cps
Iron	56-2	290939902	286539722	288908829	288796151	0.76	cps
Iron	57-2	7144111	7147929	7198822	7163620	0.43	cps
Iron	54-2	15751494	15589674	15696058	15679075	0.52	cps
Krypton	83-1	107	123	150	127	17.25	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-13	Instrumnet Name :	P7
Client Sample ID :	MYD5E0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:11:34	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	241335	243282	243796	242804	0.53	cps
Lead	207-1	210976	211532	211907	211471	0.22	cps
Lead	208-1	951891	960630	961844	958122	0.57	cps
Lithium	6-1	1900267	1900610	1863915	1888264	1.12	cps
Magnesium	24-2	7178114	7001736	7090198	7090016	1.24	cps
Manganese	55-2	5643905	5633163	5618043	5631704	0.23	cps
Molybdenum	94-1	66865	66717	69097	67560	1.97	cps
Molybdenum	95-1	6241	5888	6188	6106	3.12	cps
Molybdenum	96-1	21162	21569	21319	21350	0.96	cps
Molybdenum	97-1	3781	3847	3794	3807	0.93	cps
Molybdenum	98-1	9847	10070	9533	9817	2.75	cps
Neodymium	150-1	101405	104228	102768	102800	1.37	cps
Neodymium	150-2	55944	55887	55020	55617	0.93	cps
Nickel	60-2	144155	142119	144609	143628	0.92	cps
Phosphorus	31-2	12305	12292	12252	12283	0.23	cps
Potassium	39-2	2368454	2358439	2358776	2361889	0.24	cps
Rhodium	103-1	8702671	8721637	8602998	8675768	0.73	cps
Rhodium	103-2	4818997	4759362	4748186	4775515	0.80	cps
Scandium	45-1	5202039	5237494	5129474	5189669	1.06	cps
Scandium	45-2	424625	424458	425469	424851	0.13	cps
Selenium	82-1	470	424	440	445	5.28	cps
Selenium	77-2	113	120	150	128	15.28	cps
Selenium	78-2	187	157	230	191	19.29	cps
Silicon	28-1	4087845	4123921	4068046	4093271	0.69	cps
Silver	107-1	2397	2607	2520	2508	4.21	cps
Silver	109-1	2190	2290	2267	2249	2.33	cps
Sodium	23-2	61057	60036	60957	60683	0.93	cps
Strontium	86-1	144827	146473	146884	146061	0.75	cps
Strontium	88-1	1279966	1286629	1287543	1284713	0.32	cps
Sulfur	34-1	109948	108706	110949	109868	1.02	cps
Terbium	159-1	14283945	14267365	14236289	14262533	0.17	cps
Terbium	159-2	8942922	8840775	8888900	8890865	0.57	cps
Thallium	203-1	2160	2270	2144	2191	3.14	cps
Thallium	205-1	5058	5341	5288	5229	2.88	cps
Tin	118-1	14447	14971	14744	14721	1.78	cps
Titanium	47-1	575390	581132	584466	580329	0.79	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-13	Instrumnet Name :	P7
Client Sample ID :	MYD5E0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:11:34	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26329	26680	26921	26643	1.12	cps
Vanadium	51-2	622026	622582	617989	620865	0.40	cps
Yttrium	89-1	10915460	10950934	10916520	10927638	0.18	cps
Yttrium	89-2	2525571	2518366	2535271	2526402	0.34	cps
Zinc	66-2	105804	105025	104630	105153	0.57	cps
Zirconium	90-1	168042	173123	172415	171193	1.61	cps
Zirconium	91-1	38136	38908	37859	38301	1.42	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-14	Instrumnet Name :	P7
Client Sample ID :	MYD5E1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:14:46	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2823093	2818531	2842267	2827964	0.45	cps
Antimony	121-1	5498	5768	5641	5636	2.40	cps
Arsenic	75-2	9693	9747	9820	9753	0.65	cps
Barium	135-1	357945	364588	367750	363428	1.38	cps
Barium	137-1	623135	632845	638687	631556	1.24	cps
Beryllium	9-1	817	767	710	764	6.98	cps
Bismuth	209-1	8558061	8780604	8699374	8679346	1.30	cps
Bismuth	209-2	6546768	6673285	6704169	6641408	1.26	cps
Bromine	81-1	7309	7172	7208	7230	0.98	cps
Bromine	81-2	183	170	110	154	25.29	cps
Cadmium	108-1	93	123	177	131	32.19	cps
Cadmium	106-1	3134	3210	3194	3179	1.27	cps
Cadmium	111-1	2715	2871	2725	2770	3.15	cps
Calcium	43-1	338319	342810	346700	342610	1.22	cps
Calcium	44-1	5085033	5153815	5195298	5144715	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	146069	145507	146725	146100	0.42	cps
Cobalt	59-2	105897	105128	105642	105555	0.37	cps
Copper	63-2	206045	204763	204693	205167	0.37	cps
Dysprosium	156-1	31893	32073	32240	32069	0.54	cps
Dysprosium	156-2	24007	23840	24365	24071	1.11	cps
Erbium	164-1	28586	27831	29020	28479	2.11	cps
Erbium	164-2	19173	18416	18332	18640	2.49	cps
Gadolinium	160-1	30309	30446	29895	30217	0.95	cps
Gadolinium	160-2	20368	20595	21183	20715	2.03	cps
Holmium	165-1	14021866	14007569	13953258	13994231	0.26	cps
Holmium	165-2	9070252	9111466	9095605	9092441	0.23	cps
Indium	115-1	10090067	10156714	10220642	10155808	0.64	cps
Indium	115-2	3183750	3204843	3204329	3197641	0.38	cps
Iron	56-2	100587809	98243825	98648482	99160039	1.26	cps
Iron	57-2	2497372	2455234	2473282	2475296	0.85	cps
Iron	54-2	5416056	5311452	5371604	5366370	0.98	cps
Krypton	83-1	127	93	140	120	20.03	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-14	Instrumnet Name :	P7
Client Sample ID :	MYD5E1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:14:46	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	130785	132511	134635	132644	1.45	cps
Lead	207-1	113435	113952	115960	114449	1.17	cps
Lead	208-1	515110	521767	526996	521291	1.14	cps
Lithium	6-1	1903749	1916660	1905056	1908488	0.37	cps
Magnesium	24-2	2696749	2688668	2681420	2688946	0.29	cps
Manganese	55-2	1760790	1723481	1732369	1738880	1.12	cps
Molybdenum	94-1	22661	23322	23446	23143	1.82	cps
Molybdenum	95-1	2440	2667	2614	2574	4.61	cps
Molybdenum	96-1	7886	8112	8009	8002	1.42	cps
Molybdenum	97-1	1493	1723	1720	1646	8.01	cps
Molybdenum	98-1	4274	4374	4391	4346	1.45	cps
Neodymium	150-1	53909	53705	54404	54006	0.67	cps
Neodymium	150-2	29077	29321	28709	29035	1.06	cps
Nickel	60-2	44235	43730	44305	44090	0.71	cps
Phosphorus	31-2	7865	7519	7659	7681	2.27	cps
Potassium	39-2	906726	910040	914536	910434	0.43	cps
Rhodium	103-1	8893490	8979583	8982829	8951968	0.57	cps
Rhodium	103-2	4922443	4932513	4854701	4903219	0.86	cps
Scandium	45-1	5022674	4987625	4971663	4993987	0.52	cps
Scandium	45-2	412960	402528	405905	407131	1.31	cps
Selenium	82-1	391	356	379	375	4.68	cps
Selenium	77-2	50	97	90	79	31.99	cps
Selenium	78-2	180	133	193	169	18.65	cps
Silicon	28-1	4821384	4916575	4928827	4888929	1.20	cps
Silver	107-1	1143	1147	1213	1168	3.38	cps
Silver	109-1	990	1003	1083	1026	4.92	cps
Sodium	23-2	60421	60568	60518	60503	0.12	cps
Strontium	86-1	111078	112808	113590	112492	1.14	cps
Strontium	88-1	966872	982752	989676	979767	1.19	cps
Sulfur	34-1	111238	114008	113911	113052	1.39	cps
Terbium	159-1	14299286	14377211	14261544	14312680	0.41	cps
Terbium	159-2	8757987	9025447	9021466	8934966	1.72	cps
Thallium	203-1	1080	1070	1007	1052	3.78	cps
Thallium	205-1	2287	2477	2437	2400	4.17	cps
Tin	118-1	16046	16089	16700	16278	2.25	cps
Titanium	47-1	397170	408696	406812	404226	1.53	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-14	Instrumnet Name :	P7
Client Sample ID :	MYD5E1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:14:46	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13901	13747	14131	13926	1.39	cps
Vanadium	51-2	214846	214508	214174	214509	0.16	cps
Yttrium	89-1	10697177	10976919	10817339	10830478	1.30	cps
Yttrium	89-2	2542362	2528897	2485566	2518942	1.18	cps
Zinc	66-2	47592	47589	47432	47538	0.19	cps
Zirconium	90-1	57445	58630	59152	58409	1.50	cps
Zirconium	91-1	12676	13023	13420	13039	2.86	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-15	Instrumnet Name :	P7
Client Sample ID :	MYD5E2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:17:56	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6758354	6768037	6753793	6760061	0.11	cps
Antimony	121-1	8826	8789	8873	8829	0.47	cps
Arsenic	75-2	22587	22747	23515	22950	2.16	cps
Barium	135-1	360870	361314	362328	361504	0.21	cps
Barium	137-1	626331	627098	625566	626332	0.12	cps
Beryllium	9-1	943	930	900	924	2.40	cps
Bismuth	209-1	8507550	8484261	8451919	8481244	0.33	cps
Bismuth	209-2	6525686	6459441	6409763	6464963	0.90	cps
Bromine	81-1	7202	7015	7028	7082	1.47	cps
Bromine	81-2	173	190	150	171	11.74	cps
Cadmium	108-1	260	237	210	236	10.62	cps
Cadmium	106-1	3137	3250	3167	3185	1.84	cps
Cadmium	111-1	2707	2890	2793	2797	3.26	cps
Calcium	43-1	595988	602486	603317	600597	0.67	cps
Calcium	44-1	8966273	8947550	9012051	8975291	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	414265	409836	407092	410397	0.88	cps
Cobalt	59-2	251787	250067	249490	250448	0.48	cps
Copper	63-2	460504	457057	456576	458046	0.47	cps
Dysprosium	156-1	36688	37426	36939	37018	1.01	cps
Dysprosium	156-2	26842	27190	27059	27030	0.65	cps
Erbium	164-1	36468	36327	37169	36655	1.23	cps
Erbium	164-2	24137	23884	23523	23848	1.29	cps
Gadolinium	160-1	35883	36758	36651	36431	1.31	cps
Gadolinium	160-2	24765	24879	24909	24851	0.30	cps
Holmium	165-1	13893972	13998761	13900529	13931088	0.42	cps
Holmium	165-2	9197154	9135123	9061807	9131361	0.74	cps
Indium	115-1	10186984	10135512	10115379	10145958	0.36	cps
Indium	115-2	3151148	3120286	3113506	3128313	0.64	cps
Iron	56-2	218841950	216585710	217213123	217546928	0.54	cps
Iron	57-2	5422072	5431793	5393244	5415703	0.37	cps
Iron	54-2	11931176	11763908	11716702	11803929	0.95	cps
Krypton	83-1	160	113	163	146	19.21	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-15	Instrumnet Name :	P7
Client Sample ID :	MYD5E2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:17:56	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	100149	99981	99494	99875	0.34	cps
Lead	207-1	85232	86097	86630	85986	0.82	cps
Lead	208-1	388168	392584	391757	390837	0.60	cps
Lithium	6-1	1876825	1881785	1890807	1883139	0.38	cps
Magnesium	24-2	7600698	7513159	7514213	7542690	0.67	cps
Manganese	55-2	3286154	3274902	3316303	3292453	0.65	cps
Molybdenum	94-1	40165	40857	40014	40345	1.11	cps
Molybdenum	95-1	2877	2794	2864	2845	1.57	cps
Molybdenum	96-1	12702	13600	13576	13293	3.85	cps
Molybdenum	97-1	1727	1943	1860	1843	5.93	cps
Molybdenum	98-1	4591	4561	4347	4500	2.95	cps
Neodymium	150-1	58008	58839	58574	58474	0.73	cps
Neodymium	150-2	31549	30857	31522	31309	1.25	cps
Nickel	60-2	113932	114617	113848	114132	0.37	cps
Phosphorus	31-2	10020	10043	9600	9888	2.53	cps
Potassium	39-2	943169	940470	931788	938476	0.63	cps
Rhodium	103-1	8791834	8850137	8733901	8791957	0.66	cps
Rhodium	103-2	4859035	4783223	4826349	4822869	0.79	cps
Scandium	45-1	5175608	5137939	5140363	5151303	0.41	cps
Scandium	45-2	417387	415451	414949	415929	0.31	cps
Selenium	82-1	387	469	416	424	9.87	cps
Selenium	77-2	50	67	110	76	40.99	cps
Selenium	78-2	207	140	177	174	19.14	cps
Silicon	28-1	5223704	5266433	5345679	5278605	1.17	cps
Silver	107-1	1340	1230	1267	1279	4.38	cps
Silver	109-1	1093	1047	1133	1091	3.98	cps
Sodium	23-2	161294	160833	162227	161451	0.44	cps
Strontium	86-1	212003	214268	213069	213114	0.53	cps
Strontium	88-1	1885995	1896963	1877773	1886910	0.51	cps
Sulfur	34-1	111409	110328	110818	110852	0.49	cps
Terbium	159-1	14415065	14290123	14249264	14318151	0.60	cps
Terbium	159-2	8710951	8907827	8786716	8801831	1.13	cps
Thallium	203-1	1100	1100	1053	1085	2.48	cps
Thallium	205-1	2737	2770	2530	2679	4.85	cps
Tin	118-1	13650	14137	14040	13942	1.85	cps
Titanium	47-1	910956	919126	920761	916948	0.57	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-15	Instrumnet Name :	P7
Client Sample ID :	MYD5E2	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:17:56	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13911	14264	13817	13997	1.69	cps
Vanadium	51-2	507718	504328	503166	505071	0.47	cps
Yttrium	89-1	11089859	10973333	11015815	11026336	0.53	cps
Yttrium	89-2	2517925	2535417	2511079	2521474	0.50	cps
Zinc	66-2	69732	69993	70388	70037	0.47	cps
Zirconium	90-1	102145	104361	103991	103499	1.15	cps
Zirconium	91-1	23062	23863	23415	23447	1.71	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-16	Instrumnet Name :	P7
Client Sample ID :	MYD5E4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:21:08	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5784177	5761844	5775843	5773955	0.20	cps
Antimony	121-1	16686	17311	16970	16989	1.84	cps
Arsenic	75-2	19930	19937	19947	19938	0.04	cps
Barium	135-1	631847	640445	643043	638445	0.92	cps
Barium	137-1	1093161	1112175	1118490	1107942	1.19	cps
Beryllium	9-1	1513	1467	1450	1477	2.22	cps
Bismuth	209-1	8632589	8601641	8572338	8602189	0.35	cps
Bismuth	209-2	6531513	6591056	6524791	6549120	0.56	cps
Bromine	81-1	8089	8479	8479	8349	2.70	cps
Bromine	81-2	383	413	427	408	5.44	cps
Cadmium	108-1	303	360	330	331	8.56	cps
Cadmium	106-1	3314	3424	3240	3326	2.77	cps
Cadmium	111-1	5041	5075	4904	5007	1.80	cps
Calcium	43-1	375828	380074	380583	378828	0.69	cps
Calcium	44-1	5628297	5678007	5680735	5662346	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	237470	236837	237125	237144	0.13	cps
Cobalt	59-2	159719	156685	158659	158354	0.97	cps
Copper	63-2	616459	620335	620343	619045	0.36	cps
Dysprosium	156-1	54656	55703	55596	55318	1.04	cps
Dysprosium	156-2	41916	42257	42380	42184	0.57	cps
Erbium	164-1	46711	47407	48056	47391	1.42	cps
Erbium	164-2	31268	30837	31212	31106	0.75	cps
Gadolinium	160-1	51039	52739	52826	52201	1.93	cps
Gadolinium	160-2	36010	35846	35411	35756	0.86	cps
Holmium	165-1	13914541	13963056	14025755	13967784	0.40	cps
Holmium	165-2	9116822	9019296	9084129	9073416	0.55	cps
Indium	115-1	10092978	10138028	10301062	10177356	1.08	cps
Indium	115-2	3153956	3178674	3161158	3164596	0.40	cps
Iron	56-2	167595304	167337861	167450198	167461121	0.08	cps
Iron	57-2	4120951	4103026	4092875	4105617	0.35	cps
Iron	54-2	9036446	9031715	9047475	9038545	0.09	cps
Krypton	83-1	197	147	123	156	24.08	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-16	Instrumnet Name :	P7
Client Sample ID :	MYD5E4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:21:08	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1351431	1371542	1375116	1366030	0.93	cps
Lead	207-1	1238313	1251347	1257235	1248965	0.78	cps
Lead	208-1	5809491	5875097	5884810	5856466	0.70	cps
Lithium	6-1	1845497	1870289	1899956	1871914	1.46	cps
Magnesium	24-2	4242615	4284986	4273430	4267010	0.51	cps
Manganese	55-2	2526001	2564384	2534281	2541556	0.79	cps
Molybdenum	94-1	36703	36940	37705	37116	1.41	cps
Molybdenum	95-1	4124	4231	4181	4178	1.28	cps
Molybdenum	96-1	12799	12869	12786	12818	0.35	cps
Molybdenum	97-1	2534	2517	2510	2520	0.48	cps
Molybdenum	98-1	6708	6532	6612	6617	1.34	cps
Neodymium	150-1	95205	96648	97229	96361	1.08	cps
Neodymium	150-2	51771	52216	52427	52138	0.64	cps
Nickel	60-2	66416	65813	66192	66140	0.46	cps
Phosphorus	31-2	14937	14587	14961	14828	1.41	cps
Potassium	39-2	1351498	1343029	1361697	1352074	0.69	cps
Rhodium	103-1	8809239	8805958	8848312	8821170	0.27	cps
Rhodium	103-2	4953480	4861298	4848613	4887797	1.17	cps
Scandium	45-1	5041901	5084237	5053659	5059932	0.43	cps
Scandium	45-2	411242	411880	414805	412643	0.46	cps
Selenium	82-1	398	495	487	460	11.65	cps
Selenium	77-2	113	120	103	112	7.48	cps
Selenium	78-2	263	207	203	224	15.02	cps
Silicon	28-1	5650382	5736306	5740292	5708993	0.89	cps
Silver	107-1	6832	6648	6912	6797	1.99	cps
Silver	109-1	6278	6245	6385	6303	1.16	cps
Sodium	23-2	108089	107851	108186	108042	0.16	cps
Strontium	86-1	201401	204344	205111	203618	0.96	cps
Strontium	88-1	1774948	1788057	1801682	1788229	0.75	cps
Sulfur	34-1	126807	124993	124434	125412	0.99	cps
Terbium	159-1	14391068	14456750	14542298	14463372	0.52	cps
Terbium	159-2	8955427	8964534	8954995	8958319	0.06	cps
Thallium	203-1	1720	1893	1843	1819	4.91	cps
Thallium	205-1	4527	4287	4467	4427	2.82	cps
Tin	118-1	29123	28655	29567	29115	1.57	cps
Titanium	47-1	669643	673986	676405	673345	0.51	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-16	Instrumnet Name :	P7
Client Sample ID :	MYD5E4	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:21:08	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22953	23297	23751	23334	1.72	cps
Vanadium	51-2	322366	322729	318457	321184	0.74	cps
Yttrium	89-1	11087365	11186987	11127174	11133842	0.45	cps
Yttrium	89-2	2572782	2571869	2630605	2591752	1.30	cps
Zinc	66-2	201784	200663	202135	201527	0.38	cps
Zirconium	90-1	92123	94354	94853	93777	1.55	cps
Zirconium	91-1	20768	22120	21235	21375	3.21	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-17	Instrumnet Name :	P7
Client Sample ID :	MYD5E5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:24:17	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4835847	4838366	4896243	4856819	0.70	cps
Antimony	121-1	8946	9153	9313	9137	2.01	cps
Arsenic	75-2	15608	15268	15078	15318	1.75	cps
Barium	135-1	315763	317569	316550	316627	0.29	cps
Barium	137-1	540010	543832	546255	543366	0.58	cps
Beryllium	9-1	647	693	713	684	5.00	cps
Bismuth	209-1	8550964	8650633	8518622	8573406	0.80	cps
Bismuth	209-2	6535759	6549911	6462168	6515946	0.72	cps
Bromine	81-1	7399	7195	7769	7454	3.90	cps
Bromine	81-2	147	173	160	160	8.33	cps
Cadmium	108-1	220	240	233	231	4.41	cps
Cadmium	106-1	2977	3130	3150	3086	3.07	cps
Cadmium	111-1	3483	3543	3552	3526	1.06	cps
Calcium	43-1	324159	325211	327401	325590	0.51	cps
Calcium	44-1	4792962	4855505	4849899	4832789	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	301907	303145	299565	301539	0.60	cps
Cobalt	59-2	163476	162273	161694	162481	0.56	cps
Copper	63-2	353966	361859	355176	357001	1.19	cps
Dysprosium	156-1	29788	29498	29712	29666	0.51	cps
Dysprosium	156-2	22605	22675	23079	22786	1.12	cps
Erbium	164-1	27090	27938	27597	27542	1.55	cps
Erbium	164-2	17341	18062	17835	17746	2.08	cps
Gadolinium	160-1	28088	28883	28415	28462	1.40	cps
Gadolinium	160-2	19764	19637	19757	19720	0.36	cps
Holmium	165-1	13863986	13993233	13833351	13896857	0.61	cps
Holmium	165-2	9077953	9069032	9095148	9080711	0.15	cps
Indium	115-1	10159314	10162252	10119710	10147092	0.23	cps
Indium	115-2	3155081	3164279	3215970	3178443	1.03	cps
Iron	56-2	153259624	152589518	153053648	152967597	0.22	cps
Iron	57-2	3750865	3753901	3772317	3759028	0.31	cps
Iron	54-2	8265208	8255821	8270669	8263899	0.09	cps
Krypton	83-1	137	130	193	153	22.70	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-17	Instrumnet Name :	P7
Client Sample ID :	MYD5E5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:24:17	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	271559	275759	276650	274656	0.99	cps
Lead	207-1	242616	244801	247930	245115	1.09	cps
Lead	208-1	1091558	1105018	1105482	1100686	0.72	cps
Lithium	6-1	1889682	1907971	1910456	1902703	0.60	cps
Magnesium	24-2	5663908	5611531	5572635	5616025	0.82	cps
Manganese	55-2	2215362	2219123	2214201	2216229	0.12	cps
Molybdenum	94-1	28451	28581	28555	28529	0.24	cps
Molybdenum	95-1	2340	2284	2217	2280	2.71	cps
Molybdenum	96-1	9523	9603	9236	9454	2.04	cps
Molybdenum	97-1	1313	1350	1363	1342	1.93	cps
Molybdenum	98-1	3354	3620	3554	3509	3.96	cps
Neodymium	150-1	51604	52122	51611	51779	0.57	cps
Neodymium	150-2	27847	27724	27888	27820	0.31	cps
Nickel	60-2	93174	91439	91024	91879	1.24	cps
Phosphorus	31-2	9797	10003	10183	9994	1.94	cps
Potassium	39-2	807869	809872	812293	810012	0.27	cps
Rhodium	103-1	8840329	8854575	8840066	8844990	0.09	cps
Rhodium	103-2	4884844	4851350	4886054	4874083	0.40	cps
Scandium	45-1	5066762	5075899	5016381	5053014	0.63	cps
Scandium	45-2	410762	408492	410583	409945	0.31	cps
Selenium	82-1	410	421	329	387	13.00	cps
Selenium	77-2	33	53	67	51	32.83	cps
Selenium	78-2	180	157	127	154	17.31	cps
Silicon	28-1	5635316	5650795	5651395	5645835	0.16	cps
Silver	107-1	1890	1853	1997	1913	3.89	cps
Silver	109-1	1763	1893	1863	1840	3.70	cps
Sodium	23-2	216122	214759	215384	215422	0.32	cps
Strontium	86-1	171013	174153	174331	173166	1.08	cps
Strontium	88-1	1513283	1526388	1530758	1523477	0.60	cps
Sulfur	34-1	112917	112527	113669	113037	0.51	cps
Terbium	159-1	14425205	14402992	14341009	14389735	0.30	cps
Terbium	159-2	8978053	8813116	8854275	8881815	0.97	cps
Thallium	203-1	877	910	953	913	4.21	cps
Thallium	205-1	2150	1994	2094	2079	3.82	cps
Tin	118-1	15248	15205	15385	15279	0.62	cps
Titanium	47-1	708235	714584	715910	712910	0.58	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-17	Instrumnet Name :	P7
Client Sample ID :	MYD5E5	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:24:17	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11081	11272	10831	11061	2.00	cps
Vanadium	51-2	317032	318832	318950	318271	0.34	cps
Yttrium	89-1	10972159	10899566	10909819	10927181	0.36	cps
Yttrium	89-2	2507720	2481083	2517828	2502210	0.76	cps
Zinc	66-2	187136	186988	185509	186545	0.48	cps
Zirconium	90-1	72317	75080	74045	73814	1.89	cps
Zirconium	91-1	16516	16690	17003	16736	1.48	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:33:34	DataFile Name :	110CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5099029	5013943	5075061	5062678	0.87	cps
Antimony	121-1	2974837	3037409	2996514	3002920	1.06	cps
Arsenic	75-2	121949	122285	120702	121645	0.69	cps
Barium	135-1	4176763	4158467	4193677	4176303	0.42	cps
Barium	137-1	7168836	7164948	7250587	7194790	0.67	cps
Beryllium	9-1	449200	453516	452111	451609	0.49	cps
Bismuth	209-1	8807805	8004545	8031122	8281157	5.51	cps
Bismuth	209-2	5960224	5968174	5955833	5961410	0.10	cps
Bromine	81-1	6862	6502	6405	6589	3.65	cps
Bromine	81-2	43	43	40	42	4.55	cps
Cadmium	108-1	53866	54492	53906	54088	0.65	cps
Cadmium	106-1	79422	79955	79700	79692	0.33	cps
Cadmium	111-1	718195	730910	728848	725984	0.94	cps
Calcium	43-1	3415484	3494709	3446715	3452303	1.16	cps
Calcium	44-1	55031308	55518113	55624511	55391310	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	915466	916015	911754	914412	0.25	cps
Cobalt	59-2	1406684	1400295	1409716	1405565	0.34	cps
Copper	63-2	9834646	9909516	9823825	9855996	0.47	cps
Dysprosium	156-1	200	200	257	219	14.95	cps
Dysprosium	156-2	203	237	267	236	13.45	cps
Erbium	164-1	247	190	213	217	13.15	cps
Erbium	164-2	100	163	123	129	24.85	cps
Gadolinium	160-1	187	167	210	188	11.55	cps
Gadolinium	160-2	510	470	447	476	6.74	cps
Holmium	165-1	14506009	13550724	13340268	13799000	4.50	cps
Holmium	165-2	8673493	8706663	8615751	8665303	0.53	cps
Indium	115-1	10085437	9342018	9211076	9546177	4.94	cps
Indium	115-2	2896407	2840905	2844345	2860553	1.09	cps
Iron	56-2	204048690	203032430	201334270	202805130	0.68	cps
Iron	57-2	5032205	5016917	5034919	5028013	0.19	cps
Iron	54-2	11020419	10920743	10974567	10971910	0.45	cps
Krypton	83-1	100	93	150	114	27.06	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:33:34	DataFile Name :	110CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12714988	12704564	12845314	12754956	0.61	cps
Lead	207-1	11239452	11223459	11546464	11336458	1.61	cps
Lead	208-1	51048160	50953145	51791754	51264353	0.90	cps
Lithium	6-1	1898103	1807023	1764767	1823298	3.74	cps
Magnesium	24-2	41340049	41105945	41470413	41305469	0.45	cps
Manganese	55-2	7250510	7283755	7283352	7272539	0.26	cps
Molybdenum	94-1	10092035	10284789	10163437	10180087	0.96	cps
Molybdenum	95-1	14816445	14888102	14853634	14852727	0.24	cps
Molybdenum	96-1	16108591	16209328	16218109	16178676	0.38	cps
Molybdenum	97-1	9272008	9282676	9301025	9285237	0.16	cps
Molybdenum	98-1	23861247	24368664	24173559	24134490	1.06	cps
Neodymium	150-1	317	280	293	297	6.25	cps
Neodymium	150-2	67	87	83	79	13.58	cps
Nickel	60-2	345789	342842	347535	345389	0.69	cps
Phosphorus	31-2	51382	50975	50403	50920	0.97	cps
Potassium	39-2	25713066	25600829	25751640	25688512	0.30	cps
Rhodium	103-1	8545924	7904882	7733660	8061489	5.31	cps
Rhodium	103-2	4239188	4279840	4228924	4249317	0.63	cps
Scandium	45-1	5001863	4608756	4534426	4715015	5.33	cps
Scandium	45-2	365011	367257	363311	365193	0.54	cps
Selenium	82-1	40468	40428	40328	40408	0.18	cps
Selenium	77-2	3390	3400	3477	3423	1.39	cps
Selenium	78-2	11608	11558	11695	11620	0.60	cps
Silicon	28-1	4462700	4547252	4506856	4505603	0.94	cps
Silver	107-1	3377560	3374428	3399818	3383935	0.41	cps
Silver	109-1	3199535	3279091	3240967	3239864	1.23	cps
Sodium	23-2	69919631	69663037	70262224	69948297	0.43	cps
Strontium	86-1	22825725	23066345	22900340	22930804	0.54	cps
Strontium	88-1	200818017	202267324	201797424	201627588	0.37	cps
Sulfur	34-1	311192	309079	306734	309002	0.72	cps
Terbium	159-1	14840984	13778562	13584126	14067891	4.81	cps
Terbium	159-2	8378034	8515895	8536569	8476833	1.02	cps
Thallium	203-1	3183025	3247742	3274708	3235158	1.46	cps
Thallium	205-1	7649455	7678645	7668314	7665472	0.19	cps
Tin	118-1	2519643	2553917	2556528	2543362	0.81	cps
Titanium	47-1	3246810	3296553	3245563	3262975	0.89	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:33:34	DataFile Name :	110CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10646046	11150235	10974928	10923737	2.34	cps
Vanadium	51-2	828072	826830	821655	825519	0.41	cps
Yttrium	89-1	10780301	9976889	9793068	10183419	5.16	cps
Yttrium	89-2	2239960	2249611	2237726	2242432	0.28	cps
Zinc	66-2	1674676	1661885	1664778	1667113	0.40	cps
Zirconium	90-1	4840553	4907456	4849183	4865731	0.75	cps
Zirconium	91-1	1071976	1090736	1092083	1084931	1.04	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:36:20	DataFile Name :	111CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	197	177	200	191	6.60	cps
Antimony	121-1	2460	2404	2727	2530	6.83	cps
Arsenic	75-2	27	20	27	24	15.75	cps
Barium	135-1	163	160	140	154	8.17	cps
Barium	137-1	303	237	220	253	17.41	cps
Beryllium	9-1	233	117	130	160	39.91	cps
Bismuth	209-1	9295034	9072866	8898878	9088926	2.18	cps
Bismuth	209-2	6856472	6893288	6917597	6889119	0.45	cps
Bromine	81-1	6465	6738	6662	6622	2.13	cps
Bromine	81-2	43	53	33	43	23.08	cps
Cadmium	108-1	7	20	23	17	52.90	cps
Cadmium	106-1	2760	2794	2700	2751	1.72	cps
Cadmium	111-1	1991	1982	1901	1958	2.54	cps
Calcium	43-1	150	173	167	163	7.36	cps
Calcium	44-1	3337	3047	3227	3204	4.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	320	337	290	316	7.49	cps
Cobalt	59-2	133	63	120	106	35.22	cps
Copper	63-2	693	897	777	789	12.96	cps
Dysprosium	156-1	33	67	30	43	46.80	cps
Dysprosium	156-2	13	13	3	10	57.75	cps
Erbium	164-1	103	137	80	107	26.70	cps
Erbium	164-2	67	70	73	70	4.76	cps
Gadolinium	160-1	43	43	40	42	4.55	cps
Gadolinium	160-2	397	357	357	370	6.24	cps
Holmium	165-1	14173779	14087424	13905353	14055518	0.97	cps
Holmium	165-2	9245955	9221631	9193208	9220265	0.29	cps
Indium	115-1	10278683	10340436	10262767	10293962	0.40	cps
Indium	115-2	3277555	3194585	3248210	3240117	1.30	cps
Iron	56-2	14537	15258	15575	15123	3.52	cps
Iron	57-2	753	677	807	746	8.77	cps
Iron	54-2	1437	1297	1347	1360	5.22	cps
Krypton	83-1	100	90	137	109	22.57	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:36:20	DataFile Name :	111CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1380	1173	1110	1221	11.56	cps
Lead	207-1	1083	1077	957	1039	6.86	cps
Lead	208-1	5350	4857	4510	4906	8.61	cps
Lithium	6-1	1933631	1943787	1917710	1931709	0.68	cps
Magnesium	24-2	1390	1610	1637	1546	8.76	cps
Manganese	55-2	540	583	537	553	4.71	cps
Molybdenum	94-1	1027	833	907	922	10.58	cps
Molybdenum	95-1	843	650	727	740	13.16	cps
Molybdenum	96-1	850	880	810	847	4.15	cps
Molybdenum	97-1	553	500	523	526	5.09	cps
Molybdenum	98-1	1340	1147	1250	1246	7.77	cps
Neodymium	150-1	20	10	10	13	43.30	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	97	87	63	82	20.81	cps
Phosphorus	31-2	60	70	97	76	25.09	cps
Potassium	39-2	27872	28263	28574	28236	1.24	cps
Rhodium	103-1	8994953	9015884	8906210	8972349	0.65	cps
Rhodium	103-2	5013291	5021870	5041100	5025420	0.28	cps
Scandium	45-1	4851619	4825398	4811090	4829369	0.43	cps
Scandium	45-2	394368	398975	399880	397741	0.74	cps
Selenium	82-1	352	335	328	338	3.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	137	97	118	17.06	cps
Silicon	28-1	113371	113909	116508	114596	1.46	cps
Silver	107-1	480	347	333	387	20.98	cps
Silver	109-1	383	297	227	302	25.97	cps
Sodium	23-2	13673	13359	13049	13360	2.33	cps
Strontium	86-1	580	537	530	549	4.95	cps
Strontium	88-1	4237	2857	3400	3498	19.88	cps
Sulfur	34-1	111419	112661	114723	112934	1.48	cps
Terbium	159-1	14564699	14395594	14290123	14416805	0.96	cps
Terbium	159-2	8948724	9080350	8982090	9003722	0.76	cps
Thallium	203-1	710	670	600	660	8.44	cps
Thallium	205-1	1587	1467	1380	1478	7.02	cps
Tin	118-1	1103	1300	1390	1265	11.59	cps
Titanium	47-1	137	183	233	184	26.21	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:36:20	DataFile Name :	111CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	303	227	193	241	23.39	cps
Vanadium	51-2	20	17	30	22	31.22	cps
Yttrium	89-1	10328963	10376695	10349569	10351743	0.23	cps
Yttrium	89-2	2427140	2426977	2450810	2434975	0.56	cps
Zinc	66-2	417	357	357	377	9.20	cps
Zirconium	90-1	1570	1557	1513	1547	1.92	cps
Zirconium	91-1	293	340	323	319	7.42	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-18	Instrumnet Name :	P7
Client Sample ID :	MYD5E6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:39:40	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7099009	6955557	6910345	6988304	1.41	cps
Antimony	121-1	68167	68449	70683	69099	1.99	cps
Arsenic	75-2	236779	236332	236839	236650	0.12	cps
Barium	135-1	950787	977855	987755	972132	1.97	cps
Barium	137-1	1737603	1807625	1761415	1768881	2.01	cps
Beryllium	9-1	1750	1773	1893	1806	4.26	cps
Bismuth	209-1	8823247	8875361	8919149	8872586	0.54	cps
Bismuth	209-2	6735179	6680423	6721797	6712467	0.43	cps
Bromine	81-1	7332	7025	7692	7350	4.54	cps
Bromine	81-2	230	173	230	211	15.50	cps
Cadmium	108-1	200	203	280	228	19.87	cps
Cadmium	106-1	3367	3270	3234	3290	2.09	cps
Cadmium	111-1	3107	3080	3001	3063	1.80	cps
Calcium	43-1	1396299	1389861	1418828	1401663	1.09	cps
Calcium	44-1	22266358	22669801	22799856	22578672	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1414873	1420196	1412302	1415790	0.28	cps
Cobalt	59-2	355474	355145	354678	355099	0.11	cps
Copper	63-2	570951	569958	569309	570073	0.15	cps
Dysprosium	156-1	64976	65853	66051	65627	0.87	cps
Dysprosium	156-2	48594	48621	48667	48627	0.08	cps
Erbium	164-1	56423	56822	57501	56915	0.96	cps
Erbium	164-2	37664	36240	36999	36968	1.93	cps
Gadolinium	160-1	62669	63731	64822	63741	1.69	cps
Gadolinium	160-2	43273	43571	43270	43371	0.40	cps
Holmium	165-1	14241471	14513062	14383605	14379379	0.94	cps
Holmium	165-2	9565032	9374726	9476064	9471941	1.01	cps
Indium	115-1	10311459	10362242	10489276	10387659	0.88	cps
Indium	115-2	3235630	3237263	3271186	3248026	0.62	cps
Iron	56-2	349230621	346912408	347891248	348011426	0.33	cps
Iron	57-2	8631784	8581397	8602144	8605108	0.29	cps
Iron	54-2	18955718	18879728	18827182	18887543	0.34	cps
Krypton	83-1	177	163	150	163	8.16	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-18	Instrumnet Name :	P7
Client Sample ID :	MYD5E6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:39:40	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	176040	180025	182085	179383	1.71	cps
Lead	207-1	147571	150041	151410	149674	1.30	cps
Lead	208-1	680421	691241	699022	690228	1.35	cps
Lithium	6-1	1952648	1990393	2013814	1985618	1.55	cps
Magnesium	24-2	8711136	8738333	8696327	8715266	0.24	cps
Manganese	55-2	11386042	11318330	11351219	11351863	0.30	cps
Molybdenum	94-1	50196	51209	53614	51673	3.40	cps
Molybdenum	95-1	13126	13153	13687	13322	2.37	cps
Molybdenum	96-1	26197	26337	27255	26596	2.16	cps
Molybdenum	97-1	7976	8222	8136	8111	1.54	cps
Molybdenum	98-1	20611	21065	21282	20986	1.63	cps
Neodymium	150-1	99837	102781	102892	101837	1.70	cps
Neodymium	150-2	55037	54341	55191	54856	0.83	cps
Nickel	60-2	330390	330829	329841	330353	0.15	cps
Phosphorus	31-2	13049	12842	12695	12862	1.38	cps
Potassium	39-2	1472183	1421097	1432489	1441923	1.86	cps
Rhodium	103-1	8916334	8926685	9094152	8979057	1.11	cps
Rhodium	103-2	5018133	4975113	4996360	4996535	0.43	cps
Scandium	45-1	5427482	5466188	5543924	5479198	1.08	cps
Scandium	45-2	448652	450389	446204	448415	0.47	cps
Selenium	82-1	451	481	470	467	3.31	cps
Selenium	77-2	123	93	140	119	19.89	cps
Selenium	78-2	233	240	227	233	2.86	cps
Silicon	28-1	7115022	6833503	6910442	6952989	2.09	cps
Silver	107-1	1727	1713	1550	1663	5.91	cps
Silver	109-1	1590	1373	1273	1412	11.46	cps
Sodium	23-2	69737	68629	69707	69357	0.91	cps
Strontium	86-1	329706	337442	338909	335352	1.47	cps
Strontium	88-1	2941681	3009099	2986856	2979212	1.15	cps
Sulfur	34-1	123760	122520	123387	123222	0.52	cps
Terbium	159-1	14605501	14910816	14968141	14828153	1.31	cps
Terbium	159-2	9275312	9248423	9205950	9243228	0.38	cps
Thallium	203-1	2750	2830	2880	2820	2.33	cps
Thallium	205-1	6278	6765	6925	6656	5.06	cps
Tin	118-1	14537	15508	15722	15256	4.14	cps
Titanium	47-1	599197	611572	616678	609149	1.48	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-18	Instrumnet Name :	P7
Client Sample ID :	MYD5E6	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:39:40	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21648	22833	23594	22692	4.32	cps
Vanadium	51-2	740608	738145	736160	738304	0.30	cps
Yttrium	89-1	11509326	11513548	11537577	11520150	0.13	cps
Yttrium	89-2	2655498	2701584	2675631	2677571	0.86	cps
Zinc	66-2	96291	96344	96023	96219	0.18	cps
Zirconium	90-1	116367	117592	119874	117945	1.51	cps
Zirconium	91-1	25683	27132	28077	26964	4.47	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-19	Instrumnet Name :	P7
Client Sample ID :	MYD5E7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:42:47	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6410156	6339206	6417197	6388853	0.68	cps
Antimony	121-1	88265	90143	91156	89855	1.63	cps
Arsenic	75-2	291355	288925	288969	289750	0.48	cps
Barium	135-1	883122	894289	893234	890215	0.69	cps
Barium	137-1	1518928	1640161	1540506	1566532	4.13	cps
Beryllium	9-1	1763	1793	1860	1806	2.74	cps
Bismuth	209-1	8932656	9014968	8960732	8969452	0.47	cps
Bismuth	209-2	6667873	6604938	6605479	6626097	0.55	cps
Bromine	81-1	6972	7215	6902	7030	2.34	cps
Bromine	81-2	107	137	143	129	15.15	cps
Cadmium	108-1	217	337	263	272	22.22	cps
Cadmium	106-1	3484	3287	3530	3434	3.76	cps
Cadmium	111-1	2980	2695	2934	2870	5.33	cps
Calcium	43-1	1672127	1689918	1683394	1681813	0.54	cps
Calcium	44-1	26415597	26834141	26989145	26746294	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1886917	1916505	1885129	1896184	0.93	cps
Cobalt	59-2	382620	382201	376440	380421	0.91	cps
Copper	63-2	630876	626515	624288	627227	0.53	cps
Dysprosium	156-1	58735	58478	59907	59040	1.29	cps
Dysprosium	156-2	42708	43323	42638	42890	0.88	cps
Erbium	164-1	48199	49414	49674	49096	1.60	cps
Erbium	164-2	31920	31379	31168	31489	1.23	cps
Gadolinium	160-1	56062	56426	57705	56731	1.52	cps
Gadolinium	160-2	38336	38326	37677	38113	0.99	cps
Holmium	165-1	14772948	14601476	14661067	14678497	0.59	cps
Holmium	165-2	9441542	9449681	9384944	9425389	0.37	cps
Indium	115-1	10537464	10533340	10568092	10546299	0.18	cps
Indium	115-2	3247640	3234944	3262243	3248276	0.42	cps
Iron	56-2	373002754	368301075	368663675	369989168	0.71	cps
Iron	57-2	9127778	9117152	9125815	9123582	0.06	cps
Iron	54-2	20214593	19889369	19990886	20031616	0.83	cps
Krypton	83-1	120	110	137	122	11.02	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-19	Instrumnet Name :	P7
Client Sample ID :	MYD5E7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:42:47	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	144242	144155	148554	145650	1.73	cps
Lead	207-1	115506	116144	116339	115996	0.38	cps
Lead	208-1	537272	543081	550868	543740	1.25	cps
Lithium	6-1	2036796	2031256	2021121	2029724	0.39	cps
Magnesium	24-2	9053756	8989653	9043423	9028944	0.38	cps
Manganese	55-2	11946231	11747445	11801011	11831563	0.87	cps
Molybdenum	94-1	66025	68184	67304	67171	1.62	cps
Molybdenum	95-1	16977	16833	16843	16884	0.47	cps
Molybdenum	96-1	32242	33385	32730	32786	1.75	cps
Molybdenum	97-1	9937	10357	10454	10249	2.68	cps
Molybdenum	98-1	26604	26684	26638	26642	0.15	cps
Neodymium	150-1	91320	92940	93098	92452	1.06	cps
Neodymium	150-2	49767	48637	48543	48982	1.39	cps
Nickel	60-2	429410	422749	425244	425801	0.79	cps
Phosphorus	31-2	10360	9723	9653	9912	3.93	cps
Potassium	39-2	556819	553129	556485	555478	0.37	cps
Rhodium	103-1	9044500	9044500	8955319	9014773	0.57	cps
Rhodium	103-2	5005431	4987657	4906371	4966486	1.06	cps
Scandium	45-1	5553160	5585966	5505946	5548357	0.72	cps
Scandium	45-2	447636	446369	447260	447088	0.15	cps
Selenium	82-1	549	507	499	519	5.17	cps
Selenium	77-2	133	77	90	100	29.63	cps
Selenium	78-2	217	180	197	198	9.28	cps
Silicon	28-1	5988468	6030130	6045262	6021287	0.49	cps
Silver	107-1	973	997	1037	1002	3.20	cps
Silver	109-1	727	707	813	749	7.57	cps
Sodium	23-2	78653	80268	79108	79343	1.05	cps
Strontium	86-1	316393	318322	319785	318167	0.53	cps
Strontium	88-1	2765007	2817999	2834774	2805926	1.30	cps
Sulfur	34-1	122056	119959	117262	119759	2.01	cps
Terbium	159-1	15072786	14946886	14879158	14966277	0.66	cps
Terbium	159-2	9408197	9240687	9273453	9307446	0.95	cps
Thallium	203-1	2014	2107	2184	2101	4.05	cps
Thallium	205-1	4941	5188	5088	5072	2.45	cps
Tin	118-1	12546	12586	12449	12527	0.56	cps
Titanium	47-1	676134	686966	681029	681376	0.80	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-19	Instrumnet Name :	P7
Client Sample ID :	MYD5E7	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:42:47	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22295	23047	22913	22752	1.76	cps
Vanadium	51-2	779504	781382	775285	778724	0.40	cps
Yttrium	89-1	11504012	11432136	11507223	11481124	0.37	cps
Yttrium	89-2	2617254	2638071	2658530	2637952	0.78	cps
Zinc	66-2	76176	76769	77258	76734	0.71	cps
Zirconium	90-1	154149	157390	157598	156379	1.24	cps
Zirconium	91-1	35650	35025	36038	35571	1.44	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-20	Instrumnet Name :	P7
Client Sample ID :	MYD5E8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:45:56	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5707699	5653077	5640344	5667040	0.63	cps
Antimony	121-1	11972	12439	12719	12377	3.05	cps
Arsenic	75-2	26327	25752	25495	25858	1.65	cps
Barium	135-1	869599	883754	888263	880538	1.11	cps
Barium	137-1	1509726	1536373	1537397	1527832	1.03	cps
Beryllium	9-1	1887	1957	1767	1870	5.14	cps
Bismuth	209-1	8960523	9082773	9154033	9065776	1.08	cps
Bismuth	209-2	6897118	6867169	6901800	6888696	0.27	cps
Bromine	81-1	7765	8182	8152	8033	2.89	cps
Bromine	81-2	313	340	330	328	4.11	cps
Cadmium	108-1	187	217	227	210	9.91	cps
Cadmium	106-1	3467	3554	3560	3527	1.48	cps
Cadmium	111-1	3620	3719	3787	3709	2.27	cps
Calcium	43-1	505924	518637	520228	514929	1.52	cps
Calcium	44-1	7587714	7694116	7734573	7672134	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	215557	213752	213252	214187	0.57	cps
Cobalt	59-2	126571	127636	127220	127142	0.42	cps
Copper	63-2	329709	331539	330661	330636	0.28	cps
Dysprosium	156-1	66001	67685	67568	67085	1.40	cps
Dysprosium	156-2	51246	51333	50922	51167	0.42	cps
Erbium	164-1	53612	54814	55098	54508	1.45	cps
Erbium	164-2	36083	35973	35538	35865	0.80	cps
Gadolinium	160-1	61631	63085	63637	62784	1.65	cps
Gadolinium	160-2	43173	42839	42498	42836	0.79	cps
Holmium	165-1	14551874	14688518	14696009	14645467	0.55	cps
Holmium	165-2	9730289	9462454	9609315	9600686	1.40	cps
Indium	115-1	10535452	10704042	10743795	10661096	1.04	cps
Indium	115-2	3313919	3243124	3292479	3283174	1.11	cps
Iron	56-2	157852701	159140234	157279194	158090710	0.60	cps
Iron	57-2	3893471	3872556	3921164	3895730	0.63	cps
Iron	54-2	8531983	8507003	8461471	8500152	0.42	cps
Krypton	83-1	160	173	210	181	14.30	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-20	Instrumnet Name :	P7
Client Sample ID :	MYD5E8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:45:56	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	321906	325303	326491	324566	0.73	cps
Lead	207-1	277298	280784	281388	279823	0.79	cps
Lead	208-1	1262458	1279169	1282442	1274690	0.84	cps
Lithium	6-1	2007879	2009464	2037567	2018303	0.83	cps
Magnesium	24-2	3934480	3937552	3913152	3928395	0.34	cps
Manganese	55-2	3248483	3278323	3289497	3272101	0.65	cps
Molybdenum	94-1	48186	48333	48995	48504	0.89	cps
Molybdenum	95-1	5594	5755	5688	5679	1.42	cps
Molybdenum	96-1	15472	15505	15665	15547	0.67	cps
Molybdenum	97-1	3344	3400	3610	3452	4.07	cps
Molybdenum	98-1	8819	9020	9170	9003	1.95	cps
Neodymium	150-1	116813	117736	117111	117220	0.40	cps
Neodymium	150-2	62919	62538	62263	62573	0.53	cps
Nickel	60-2	62908	63316	63641	63288	0.58	cps
Phosphorus	31-2	16359	16549	17213	16707	2.68	cps
Potassium	39-2	2308041	2301265	2274717	2294674	0.77	cps
Rhodium	103-1	9205300	9368311	9261409	9278340	0.89	cps
Rhodium	103-2	5131790	5073944	5082383	5096039	0.61	cps
Scandium	45-1	5277882	5289949	5387304	5318378	1.13	cps
Scandium	45-2	435797	432390	432733	433640	0.43	cps
Selenium	82-1	501	465	449	472	5.57	cps
Selenium	77-2	163	123	140	142	14.13	cps
Selenium	78-2	243	187	227	219	13.31	cps
Silicon	28-1	4924014	5023764	5235476	5061085	3.14	cps
Silver	107-1	2364	2344	2560	2422	4.94	cps
Silver	109-1	2150	2377	2274	2267	5.01	cps
Sodium	23-2	86494	85807	86032	86111	0.41	cps
Strontium	86-1	237817	242305	245550	241891	1.61	cps
Strontium	88-1	2086995	2137403	2182511	2135636	2.24	cps
Sulfur	34-1	126673	127500	126323	126832	0.48	cps
Terbium	159-1	15114546	15274864	15046874	15145428	0.77	cps
Terbium	159-2	9374755	9372183	9325109	9357349	0.30	cps
Thallium	203-1	2137	2207	2077	2140	3.04	cps
Thallium	205-1	4834	4981	5114	4977	2.82	cps
Tin	118-1	22895	23476	23766	23379	1.90	cps
Titanium	47-1	600735	610690	616028	609151	1.27	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-20	Instrumnet Name :	P7
Client Sample ID :	MYD5E8	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:45:56	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24259	24292	24890	24480	1.45	cps
Vanadium	51-2	282710	282627	282895	282744	0.05	cps
Yttrium	89-1	11543984	11694044	11724741	11654256	0.83	cps
Yttrium	89-2	2749006	2686390	2654438	2696612	1.78	cps
Zinc	66-2	108554	108510	108208	108424	0.17	cps
Zirconium	90-1	121252	122619	123278	122383	0.84	cps
Zirconium	91-1	27078	27406	28398	27627	2.49	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-01	Instrumnet Name :	P7
Client Sample ID :	MYD382	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:49:06	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4892838	4914123	4843977	4883646	0.74	cps
Antimony	121-1	9270	9380	10030	9560	4.30	cps
Arsenic	75-2	20347	20147	20401	20298	0.66	cps
Barium	135-1	1195143	1210513	1217980	1207879	0.96	cps
Barium	137-1	2190751	2194575	2225250	2203525	0.86	cps
Beryllium	9-1	1830	1850	1833	1838	0.58	cps
Bismuth	209-1	9174575	9172285	9226542	9191134	0.33	cps
Bismuth	209-2	6800467	5325811	6490951	6205743	12.53	cps
Bromine	81-1	8583	8639	8653	8625	0.43	cps
Bromine	81-2	330	303	350	328	7.14	cps
Cadmium	108-1	720	853	807	793	8.53	cps
Cadmium	106-1	4451	4301	4254	4335	2.37	cps
Cadmium	111-1	8086	8068	7948	8034	0.94	cps
Calcium	43-1	520623	525146	531489	525752	1.04	cps
Calcium	44-1	7845109	7864196	7874745	7861350	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	192492	190804	191182	191493	0.46	cps
Cobalt	59-2	111184	113441	111188	111938	1.16	cps
Copper	63-2	1347762	1343052	1341520	1344111	0.24	cps
Dysprosium	156-1	64551	64879	65535	64988	0.77	cps
Dysprosium	156-2	51183	53257	51504	51981	2.15	cps
Erbium	164-1	38449	40154	40228	39610	2.54	cps
Erbium	164-2	25603	26575	25126	25768	2.87	cps
Gadolinium	160-1	52822	53679	53502	53334	0.85	cps
Gadolinium	160-2	36631	36972	36036	36546	1.30	cps
Holmium	165-1	14784138	14705732	14730323	14740064	0.27	cps
Holmium	165-2	9480964	7485277	9005971	8657404	12.04	cps
Indium	115-1	10666153	10671038	10678738	10671976	0.06	cps
Indium	115-2	3280577	2538112	3153129	2990606	13.28	cps
Iron	56-2	115189418	115371918	114266335	114942557	0.52	cps
Iron	57-2	2853182	2884126	2839750	2859019	0.80	cps
Iron	54-2	6311584	6282056	6204637	6266093	0.88	cps
Krypton	83-1	160	130	150	147	10.41	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-01	Instrumnet Name :	P7
Client Sample ID :	MYD382	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:49:06	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	621282	626495	631509	626429	0.82	cps
Lead	207-1	553425	559631	556985	556680	0.56	cps
Lead	208-1	2495547	2522328	2525931	2514602	0.66	cps
Lithium	6-1	2008629	2018314	2014639	2013861	0.24	cps
Magnesium	24-2	3543570	3599018	3502618	3548402	1.36	cps
Manganese	55-2	2253296	2234987	2231923	2240069	0.52	cps
Molybdenum	94-1	163821	167330	168729	166627	1.52	cps
Molybdenum	95-1	2220	2224	2190	2211	0.83	cps
Molybdenum	96-1	30799	32573	31654	31675	2.80	cps
Molybdenum	97-1	1323	1357	1453	1378	4.90	cps
Molybdenum	98-1	3567	3530	3634	3577	1.46	cps
Neodymium	150-1	144249	146164	146765	145726	0.90	cps
Neodymium	150-2	77407	78574	77518	77833	0.83	cps
Nickel	60-2	111279	110755	110379	110804	0.41	cps
Phosphorus	31-2	18458	18862	18308	18542	1.55	cps
Potassium	39-2	980582	990003	987456	986014	0.49	cps
Rhodium	103-1	9319641	9289288	9309465	9306131	0.17	cps
Rhodium	103-2	5091489	3941870	4791153	4608171	12.94	cps
Scandium	45-1	5325516	5310493	5339502	5325170	0.27	cps
Scandium	45-2	434952	336506	405498	392319	12.88	cps
Selenium	82-1	483	486	514	495	3.46	cps
Selenium	77-2	130	183	150	154	17.45	cps
Selenium	78-2	247	253	290	263	8.86	cps
Silicon	28-1	18374388	18591513	18808905	18591602	1.17	cps
Silver	107-1	10847	11004	11131	10994	1.29	cps
Silver	109-1	10204	10704	10804	10571	3.04	cps
Sodium	23-2	134739	133496	136138	134791	0.98	cps
Strontium	86-1	352491	361643	363371	359168	1.63	cps
Strontium	88-1	3103140	3185908	3185992	3158347	1.51	cps
Sulfur	34-1	120171	123229	119959	121120	1.51	cps
Terbium	159-1	15023778	15196996	15258659	15159811	0.80	cps
Terbium	159-2	9496467	7099114	8812253	8469278	14.58	cps
Thallium	203-1	1800	2117	1907	1941	8.30	cps
Thallium	205-1	4481	4571	4821	4624	3.81	cps
Tin	118-1	15585	15672	15595	15617	0.30	cps
Titanium	47-1	1107630	1125467	1129862	1120986	1.05	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-01	Instrumnet Name :	P7
Client Sample ID :	MYD382	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:49:06	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28972	30441	29459	29624	2.53	cps
Vanadium	51-2	196096	202378	196724	198400	1.74	cps
Yttrium	89-1	11426903	11480863	11558819	11488861	0.58	cps
Yttrium	89-2	2663942	2063638	2494858	2407479	12.86	cps
Zinc	66-2	144006	146786	143902	144898	1.13	cps
Zirconium	90-1	442200	446249	446400	444950	0.54	cps
Zirconium	91-1	99246	100122	100729	100032	0.75	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-02	Instrumnet Name :	P7
Client Sample ID :	MYD383	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:52:15	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7934432	7947097	7951904	7944478	0.11	cps
Antimony	121-1	21783	21817	22731	22110	2.43	cps
Arsenic	75-2	44075	42845	44507	43809	1.97	cps
Barium	135-1	1903299	1900949	1946816	1917021	1.35	cps
Barium	137-1	3255145	3382185	3365879	3334403	2.07	cps
Beryllium	9-1	3020	3064	3060	3048	0.79	cps
Bismuth	209-1	8982813	9151411	8946475	9026900	1.21	cps
Bismuth	209-2	6802048	6837887	6830727	6823554	0.28	cps
Bromine	81-1	9420	9553	9486	9486	0.70	cps
Bromine	81-2	470	473	527	490	6.49	cps
Cadmium	108-1	1923	2057	2020	2000	3.44	cps
Cadmium	106-1	6565	6968	6525	6686	3.67	cps
Cadmium	111-1	20993	21947	21655	21532	2.27	cps
Calcium	43-1	715252	725591	725780	722207	0.83	cps
Calcium	44-1	10716328	10856717	10980775	10851273	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	307630	307399	307565	307531	0.04	cps
Cobalt	59-2	180454	180916	180416	180595	0.15	cps
Copper	63-2	4234415	4203418	4145204	4194346	1.08	cps
Dysprosium	156-1	106886	109234	108485	108202	1.11	cps
Dysprosium	156-2	87165	86678	87809	87217	0.65	cps
Erbium	164-1	60597	61099	60420	60706	0.58	cps
Erbium	164-2	39766	39382	39362	39504	0.58	cps
Gadolinium	160-1	83054	84912	86099	84688	1.81	cps
Gadolinium	160-2	58652	58187	57959	58266	0.61	cps
Holmium	165-1	14411895	14452766	14199285	14354649	0.95	cps
Holmium	165-2	9394456	9431858	9375717	9400677	0.30	cps
Indium	115-1	10441657	10461387	10416236	10439760	0.22	cps
Indium	115-2	3249617	3232595	3209773	3230662	0.62	cps
Iron	56-2	173596764	175053417	174240397	174296860	0.42	cps
Iron	57-2	4280593	4269921	4266087	4272201	0.18	cps
Iron	54-2	9432166	9473029	9513556	9472917	0.43	cps
Krypton	83-1	157	123	163	148	14.50	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-02	Instrumnet Name :	P7
Client Sample ID :	MYD383	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:52:15	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1911740	1951596	1966668	1943335	1.46	cps
Lead	207-1	1562256	1596628	1602526	1587137	1.37	cps
Lead	208-1	7614948	7762141	7791258	7722782	1.22	cps
Lithium	6-1	1935838	1955712	1957084	1949544	0.61	cps
Magnesium	24-2	5262171	5190339	5169219	5207243	0.94	cps
Manganese	55-2	4243252	4211787	4229369	4228136	0.37	cps
Molybdenum	94-1	284886	293355	293116	290452	1.66	cps
Molybdenum	95-1	3284	3287	3517	3363	3.98	cps
Molybdenum	96-1	52969	54976	54852	54266	2.07	cps
Molybdenum	97-1	1897	2013	1937	1949	3.04	cps
Molybdenum	98-1	5144	5214	5164	5174	0.70	cps
Neodymium	150-1	243616	249997	252187	248600	1.79	cps
Neodymium	150-2	133901	133118	133847	133622	0.33	cps
Nickel	60-2	190922	190220	191165	190769	0.26	cps
Phosphorus	31-2	31148	30734	31008	30964	0.68	cps
Potassium	39-2	1828695	1844635	1811810	1828380	0.90	cps
Rhodium	103-1	9006585	9019340	8883104	8969677	0.84	cps
Rhodium	103-2	4971551	5088067	4966253	5008624	1.37	cps
Scandium	45-1	5317164	5298693	5251284	5289047	0.64	cps
Scandium	45-2	429960	432418	428904	430427	0.42	cps
Selenium	82-1	725	782	710	739	5.14	cps
Selenium	77-2	277	237	233	249	9.69	cps
Selenium	78-2	353	337	417	369	11.44	cps
Silicon	28-1	14791067	15005339	15155404	14983937	1.22	cps
Silver	107-1	34498	35173	35577	35082	1.55	cps
Silver	109-1	33121	33178	33933	33411	1.36	cps
Sodium	23-2	139000	138808	139310	139040	0.18	cps
Strontium	86-1	518056	529686	529672	525805	1.28	cps
Strontium	88-1	4594220	4655817	4688126	4646054	1.03	cps
Sulfur	34-1	141976	142790	142359	142375	0.29	cps
Terbium	159-1	14664499	14907060	14532459	14701339	1.29	cps
Terbium	159-2	9346871	9278579	9268308	9297920	0.46	cps
Thallium	203-1	3144	3277	3357	3259	3.31	cps
Thallium	205-1	7649	7372	7239	7420	2.82	cps
Tin	118-1	35948	37185	37392	36841	2.12	cps
Titanium	47-1	1771044	1810695	1806321	1796020	1.21	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-02	Instrumnet Name :	P7
Client Sample ID :	MYD383	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:52:15	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39448	39706	39712	39622	0.38	cps
Vanadium	51-2	272121	274480	271860	272820	0.53	cps
Yttrium	89-1	11611882	11667651	11444395	11574642	1.00	cps
Yttrium	89-2	2672664	2659981	2681239	2671295	0.40	cps
Zinc	66-2	402639	401657	399805	401367	0.36	cps
Zirconium	90-1	766482	784379	781668	777510	1.24	cps
Zirconium	91-1	170993	175933	174817	173914	1.49	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-03	Instrumnet Name :	P7
Client Sample ID :	MYD384	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:55:19	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7190685	7208157	7261812	7220218	0.51	cps
Antimony	121-1	12359	13263	13486	13036	4.58	cps
Arsenic	75-2	31974	31834	31868	31892	0.23	cps
Barium	135-1	1378836	1402818	1407016	1396223	1.09	cps
Barium	137-1	2492387	2507532	2551347	2517088	1.22	cps
Beryllium	9-1	2464	2487	2687	2546	4.82	cps
Bismuth	209-1	8668323	8792591	8737585	8732833	0.71	cps
Bismuth	209-2	6639049	6666687	6524749	6610162	1.14	cps
Bromine	81-1	9220	9166	8996	9127	1.28	cps
Bromine	81-2	490	443	410	448	8.97	cps
Cadmium	108-1	1067	1120	1143	1110	3.54	cps
Cadmium	106-1	5278	5368	5084	5243	2.76	cps
Cadmium	111-1	11247	11012	10944	11068	1.43	cps
Calcium	43-1	1244118	1261367	1269767	1258418	1.04	cps
Calcium	44-1	18747428	18905999	18901217	18851548	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	267521	266732	266638	266963	0.18	cps
Cobalt	59-2	165636	165114	164742	165164	0.27	cps
Copper	63-2	2181937	2161632	2151061	2164877	0.72	cps
Dysprosium	156-1	92321	94210	94411	93647	1.23	cps
Dysprosium	156-2	73454	74158	74151	73921	0.55	cps
Erbium	164-1	55821	56537	56922	56427	0.99	cps
Erbium	164-2	36832	36628	37146	36869	0.71	cps
Gadolinium	160-1	74155	75418	75901	75158	1.20	cps
Gadolinium	160-2	52023	51983	51999	52002	0.04	cps
Holmium	165-1	13866464	14058466	14072592	13999174	0.82	cps
Holmium	165-2	9179997	9163870	9113543	9152470	0.38	cps
Indium	115-1	10086676	10335651	10187217	10203181	1.23	cps
Indium	115-2	3164295	3145362	3159237	3156298	0.31	cps
Iron	56-2	163724201	163959681	165659121	164447668	0.64	cps
Iron	57-2	4065795	4077065	4070410	4071090	0.14	cps
Iron	54-2	8822703	8964184	8910710	8899199	0.80	cps
Krypton	83-1	150	127	167	148	13.60	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-03	Instrumnet Name :	P7
Client Sample ID :	MYD384	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:55:19	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	973803	988290	997789	986627	1.22	cps
Lead	207-1	861073	876789	882487	873450	1.27	cps
Lead	208-1	4129958	4185460	4217919	4177779	1.06	cps
Lithium	6-1	1937434	1930856	1946187	1938159	0.40	cps
Magnesium	24-2	4946580	4867877	4917652	4910703	0.81	cps
Manganese	55-2	3121231	3055098	3157277	3111202	1.67	cps
Molybdenum	94-1	232362	235195	235704	234420	0.77	cps
Molybdenum	95-1	3450	3657	3660	3589	3.35	cps
Molybdenum	96-1	44029	45149	46273	45151	2.48	cps
Molybdenum	97-1	2224	2247	2264	2245	0.90	cps
Molybdenum	98-1	5718	5544	5935	5732	3.41	cps
Neodymium	150-1	201939	203948	206581	204156	1.14	cps
Neodymium	150-2	110633	110532	110743	110636	0.10	cps
Nickel	60-2	145460	146264	145433	145719	0.32	cps
Phosphorus	31-2	25124	25181	25685	25330	1.22	cps
Potassium	39-2	1252260	1262345	1248556	1254387	0.57	cps
Rhodium	103-1	8774816	8825960	8869243	8823339	0.54	cps
Rhodium	103-2	4849105	4851456	4880159	4860240	0.36	cps
Scandium	45-1	5174880	5164103	5229002	5189328	0.67	cps
Scandium	45-2	419379	422283	418352	420004	0.49	cps
Selenium	82-1	571	649	595	605	6.57	cps
Selenium	77-2	213	190	177	193	9.60	cps
Selenium	78-2	237	303	440	327	31.73	cps
Silicon	28-1	14089978	14364350	14424397	14292908	1.25	cps
Silver	107-1	19710	19994	20131	19945	1.08	cps
Silver	109-1	18585	18675	18899	18720	0.86	cps
Sodium	23-2	145035	145728	146142	145635	0.38	cps
Strontium	86-1	478897	487920	489372	485396	1.17	cps
Strontium	88-1	4151259	4245216	4260817	4219097	1.40	cps
Sulfur	34-1	127597	127241	126879	127239	0.28	cps
Terbium	159-1	14501251	14564436	14414351	14493346	0.52	cps
Terbium	159-2	9092462	8985076	8938359	9005299	0.88	cps
Thallium	203-1	2604	2724	2740	2689	2.77	cps
Thallium	205-1	6305	6382	6525	6404	1.74	cps
Tin	118-1	28862	28829	28782	28824	0.14	cps
Titanium	47-1	1297975	1318703	1312425	1309701	0.81	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-03	Instrumnet Name :	P7
Client Sample ID :	MYD384	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:55:19	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36891	37566	37646	37368	1.11	cps
Vanadium	51-2	299787	301800	300059	300548	0.36	cps
Yttrium	89-1	11157513	11272083	11248005	11225867	0.54	cps
Yttrium	89-2	2600593	2578259	2594610	2591154	0.45	cps
Zinc	66-2	220138	217825	217388	218450	0.68	cps
Zirconium	90-1	618084	625305	630902	624764	1.03	cps
Zirconium	91-1	138028	140037	140986	139684	1.08	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-04	Instrumnet Name :	P7
Client Sample ID :	MYD385	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:58:27	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10052889	9978562	10026103	10019185	0.38	cps
Antimony	121-1	18799	19453	19510	19254	2.05	cps
Arsenic	75-2	72412	73011	72928	72784	0.45	cps
Barium	135-1	2139952	2171385	2175153	2162163	0.89	cps
Barium	137-1	3648371	3766604	3771229	3728735	1.87	cps
Beryllium	9-1	3817	3644	3954	3805	4.08	cps
Bismuth	209-1	8721934	9049848	8616001	8795928	2.57	cps
Bismuth	209-2	6568538	6633638	6569079	6590418	0.57	cps
Bromine	81-1	10460	10504	10721	10562	1.32	cps
Bromine	81-2	823	780	703	769	7.90	cps
Cadmium	108-1	2294	2120	2447	2287	7.15	cps
Cadmium	106-1	7235	7028	6715	6993	3.75	cps
Cadmium	111-1	25179	25329	25235	25248	0.30	cps
Calcium	43-1	1564454	1561811	1601178	1575814	1.40	cps
Calcium	44-1	24872147	25335714	25657890	25288584	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	383948	383347	384538	383944	0.16	cps
Cobalt	59-2	221442	221135	221797	221458	0.15	cps
Copper	63-2	5393686	5439215	5382012	5404971	0.56	cps
Dysprosium	156-1	136714	138795	138151	137887	0.77	cps
Dysprosium	156-2	111817	111756	112563	112045	0.40	cps
Erbium	164-1	75630	77801	77976	77136	1.69	cps
Erbium	164-2	49029	49066	49226	49107	0.21	cps
Gadolinium	160-1	107801	109427	109631	108953	0.92	cps
Gadolinium	160-2	74999	74543	74051	74531	0.64	cps
Holmium	165-1	13928381	14468359	13881696	14092812	2.31	cps
Holmium	165-2	9124409	9219705	9080107	9141407	0.78	cps
Indium	115-1	9938389	10530326	9879874	10116196	3.56	cps
Indium	115-2	3158563	3125791	3135950	3140101	0.53	cps
Iron	56-2	199584844	198347437	200114224	199348835	0.45	cps
Iron	57-2	4928731	4913458	4920926	4921038	0.16	cps
Iron	54-2	10866554	10786930	10845287	10832924	0.38	cps
Krypton	83-1	160	223	197	193	16.45	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-04	Instrumnet Name :	P7
Client Sample ID :	MYD385	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:58:27	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2561353	2579875	2612399	2584543	1.00	cps
Lead	207-1	2299261	2302438	2354495	2318732	1.34	cps
Lead	208-1	10298021	10400414	10448586	10382340	0.74	cps
Lithium	6-1	1909353	1983333	1897503	1930063	2.41	cps
Magnesium	24-2	7036480	7071056	7089105	7065547	0.38	cps
Manganese	55-2	4193787	4189113	4198647	4193849	0.11	cps
Molybdenum	94-1	294235	298972	302472	298560	1.38	cps
Molybdenum	95-1	3367	3404	3414	3395	0.72	cps
Molybdenum	96-1	55515	56268	57499	56427	1.78	cps
Molybdenum	97-1	2117	2044	2070	2077	1.79	cps
Molybdenum	98-1	5158	5254	5091	5168	1.59	cps
Neodymium	150-1	321077	326159	330685	325974	1.47	cps
Neodymium	150-2	175932	174947	177079	175986	0.61	cps
Nickel	60-2	242178	244502	242889	243190	0.49	cps
Phosphorus	31-2	41550	41844	41837	41743	0.40	cps
Potassium	39-2	1992873	1987271	1970063	1983402	0.60	cps
Rhodium	103-1	8616893	8949599	8557767	8708086	2.43	cps
Rhodium	103-2	4889195	4833297	4844087	4855526	0.61	cps
Scandium	45-1	5177977	5417224	5182643	5259281	2.60	cps
Scandium	45-2	428813	427448	423238	426500	0.68	cps
Selenium	82-1	835	806	797	813	2.43	cps
Selenium	77-2	353	393	370	372	5.40	cps
Selenium	78-2	430	403	443	426	4.79	cps
Silicon	28-1	17293777	17420658	17675646	17463360	1.11	cps
Silver	107-1	49527	50892	50133	50184	1.36	cps
Silver	109-1	47360	47618	48752	47910	1.55	cps
Sodium	23-2	153970	154438	154095	154168	0.16	cps
Strontium	86-1	694928	703933	711316	703392	1.17	cps
Strontium	88-1	6163722	6229044	6286649	6226472	0.99	cps
Sulfur	34-1	140441	140691	143180	141437	1.07	cps
Terbium	159-1	14381849	14971465	14119609	14490974	3.01	cps
Terbium	159-2	9062343	9017917	8968740	9016333	0.52	cps
Thallium	203-1	3631	3604	3614	3616	0.37	cps
Thallium	205-1	8346	8439	8663	8483	1.92	cps
Tin	118-1	44321	45455	45438	45071	1.44	cps
Titanium	47-1	2025131	2117818	2097629	2080193	2.34	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-04	Instrumnet Name :	P7
Client Sample ID :	MYD385	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 21:58:27	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48227	48404	49010	48547	0.85	cps
Vanadium	51-2	315170	314197	313731	314366	0.23	cps
Yttrium	89-1	11341693	11876349	11288825	11502289	2.83	cps
Yttrium	89-2	2666909	2682690	2643646	2664415	0.74	cps
Zinc	66-2	512085	510894	511070	511350	0.13	cps
Zirconium	90-1	795362	805800	808544	803236	0.87	cps
Zirconium	91-1	176571	180135	181216	179307	1.36	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-05	Instrumnet Name :	P7
Client Sample ID :	MYD386	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:01:27	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7635667	7646779	7647773	7643407	0.09	cps
Antimony	121-1	35457	35380	36653	35830	1.99	cps
Arsenic	75-2	62705	62203	62471	62459	0.40	cps
Barium	135-1	2476990	2529108	2576165	2527421	1.96	cps
Barium	137-1	4323039	4357255	4416952	4365748	1.09	cps
Beryllium	9-1	3220	3450	3277	3316	3.61	cps
Bismuth	209-1	9046581	9055218	9130079	9077292	0.51	cps
Bismuth	209-2	6783442	6700340	6752099	6745294	0.62	cps
Bromine	81-1	8609	9266	8953	8943	3.68	cps
Bromine	81-2	523	467	557	516	8.83	cps
Cadmium	108-1	2517	2427	2397	2447	2.55	cps
Cadmium	106-1	7399	7422	7105	7309	2.42	cps
Cadmium	111-1	27113	28004	27416	27511	1.65	cps
Calcium	43-1	749098	759104	764846	757682	1.05	cps
Calcium	44-1	11324135	11422067	11396470	11380891	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	300389	297257	298957	298868	0.52	cps
Cobalt	59-2	196340	197376	198133	197283	0.46	cps
Copper	63-2	6745423	6767673	6737983	6750359	0.23	cps
Dysprosium	156-1	109721	111206	112206	111044	1.13	cps
Dysprosium	156-2	87862	89563	88936	88787	0.97	cps
Erbium	164-1	62368	63443	63507	63106	1.01	cps
Erbium	164-2	40258	40218	40408	40295	0.25	cps
Gadolinium	160-1	85710	87581	88926	87406	1.85	cps
Gadolinium	160-2	59456	58812	59198	59155	0.55	cps
Holmium	165-1	14422970	14370624	14174293	14322629	0.92	cps
Holmium	165-2	9223937	9282022	9325295	9277085	0.55	cps
Indium	115-1	10437727	10441627	10440308	10439887	0.02	cps
Indium	115-2	3213580	3243499	3245545	3234208	0.55	cps
Iron	56-2	173256277	174684344	174596937	174179186	0.46	cps
Iron	57-2	4305695	4279827	4272666	4286063	0.41	cps
Iron	54-2	9335929	9363632	9390072	9363211	0.29	cps
Krypton	83-1	170	173	157	167	5.29	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-05	Instrumnet Name :	P7
Client Sample ID :	MYD386	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:01:27	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3254276	3260209	3213919	3242801	0.78	cps
Lead	207-1	2930470	2932401	2918109	2926993	0.26	cps
Lead	208-1	12889029	12968145	12989259	12948811	0.41	cps
Lithium	6-1	1958005	1952509	1968312	1959608	0.41	cps
Magnesium	24-2	4879563	4861422	4842606	4861197	0.38	cps
Manganese	55-2	3827369	3879743	3886801	3864638	0.84	cps
Molybdenum	94-1	327248	330227	334317	330597	1.07	cps
Molybdenum	95-1	4527	4691	4821	4680	3.14	cps
Molybdenum	96-1	61606	62503	62586	62232	0.87	cps
Molybdenum	97-1	2907	3047	3044	2999	2.66	cps
Molybdenum	98-1	7809	7982	7832	7874	1.20	cps
Neodymium	150-1	253100	257558	256233	255630	0.90	cps
Neodymium	150-2	138761	137879	137418	138019	0.49	cps
Nickel	60-2	184243	184645	183676	184188	0.26	cps
Phosphorus	31-2	31693	31850	32662	32068	1.62	cps
Potassium	39-2	1491110	1515262	1498424	1501599	0.82	cps
Rhodium	103-1	9091959	9007305	8937072	9012112	0.86	cps
Rhodium	103-2	4906968	4969007	4853894	4909956	1.17	cps
Scandium	45-1	5268858	5260645	5223620	5251041	0.46	cps
Scandium	45-2	425724	426896	424790	425804	0.25	cps
Selenium	82-1	839	888	894	874	3.49	cps
Selenium	77-2	287	250	307	281	10.22	cps
Selenium	78-2	393	433	430	419	5.30	cps
Silicon	28-1	15799379	16042942	16087498	15976606	0.97	cps
Silver	107-1	57189	57865	58129	57727	0.84	cps
Silver	109-1	53840	54763	54913	54505	1.07	cps
Sodium	23-2	130577	131838	130588	131001	0.55	cps
Strontium	86-1	598000	607370	614592	606654	1.37	cps
Strontium	88-1	5302360	5337990	5376857	5339069	0.70	cps
Sulfur	34-1	129483	127009	126555	127682	1.23	cps
Terbium	159-1	14835614	14723496	14636296	14731802	0.68	cps
Terbium	159-2	9178141	9028470	9136550	9114387	0.85	cps
Thallium	203-1	2970	3247	2974	3064	5.18	cps
Thallium	205-1	7402	7062	7596	7353	3.67	cps
Tin	118-1	60349	60971	61661	60994	1.08	cps
Titanium	47-1	1388071	1397050	1394587	1393236	0.33	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-05	Instrumnet Name :	P7
Client Sample ID :	MYD386	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:01:27	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46775	47615	46962	47117	0.94	cps
Vanadium	51-2	266850	268236	268485	267857	0.33	cps
Yttrium	89-1	11493204	11510761	11453834	11485933	0.25	cps
Yttrium	89-2	2661252	2615770	2616487	2631170	0.99	cps
Zinc	66-2	493936	491386	492671	492664	0.26	cps
Zirconium	90-1	872754	888862	895634	885750	1.33	cps
Zirconium	91-1	194714	198057	200161	197644	1.39	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-06	Instrumnet Name :	P7
Client Sample ID :	MYD387	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:04:32	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7249515	7252919	7212174	7238203	0.31	cps
Antimony	121-1	15488	15412	15078	15326	1.42	cps
Arsenic	75-2	42273	42414	41745	42144	0.84	cps
Barium	135-1	1743736	1747484	1745631	1745617	0.11	cps
Barium	137-1	2943781	2998798	3036790	2993123	1.56	cps
Beryllium	9-1	2860	2977	2787	2875	3.33	cps
Bismuth	209-1	8510360	8599768	8682579	8597569	1.00	cps
Bismuth	209-2	6474488	6523979	6466205	6488224	0.48	cps
Bromine	81-1	8793	9143	9223	9053	2.53	cps
Bromine	81-2	603	590	643	612	4.53	cps
Cadmium	108-1	1667	1420	1610	1566	8.25	cps
Cadmium	106-1	5788	5705	5721	5738	0.77	cps
Cadmium	111-1	16041	16315	16448	16268	1.28	cps
Calcium	43-1	2234372	2277260	2320634	2277422	1.89	cps
Calcium	44-1	36490146	36885470	37120162	36831926	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	276375	277237	275283	276298	0.35	cps
Cobalt	59-2	175054	175542	175951	175516	0.26	cps
Copper	63-2	3234347	3178503	3188940	3200597	0.93	cps
Dysprosium	156-1	103665	103850	106153	104556	1.33	cps
Dysprosium	156-2	83821	83533	85267	84207	1.10	cps
Erbium	164-1	60637	60741	60848	60742	0.17	cps
Erbium	164-2	38667	38978	39445	39030	1.00	cps
Gadolinium	160-1	83017	83111	84305	83478	0.86	cps
Gadolinium	160-2	57142	56734	56788	56888	0.39	cps
Holmium	165-1	13613631	13944889	13838975	13799165	1.23	cps
Holmium	165-2	9031420	9131654	9039293	9067456	0.61	cps
Indium	115-1	9919526	9858181	9805943	9861217	0.58	cps
Indium	115-2	3064957	3092745	3080689	3079464	0.45	cps
Iron	56-2	157733568	157037451	156554584	157108534	0.38	cps
Iron	57-2	3895311	3956494	3914617	3922141	0.80	cps
Iron	54-2	8484199	8461060	8489006	8478088	0.18	cps
Krypton	83-1	163	123	180	156	18.72	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-06	Instrumnet Name :	P7
Client Sample ID :	MYD387	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:04:32	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1520262	1546233	1566074	1544190	1.49	cps
Lead	207-1	1344674	1373741	1378639	1365685	1.34	cps
Lead	208-1	6420871	6512527	6582219	6505206	1.24	cps
Lithium	6-1	1827455	1857390	1826758	1837201	0.95	cps
Magnesium	24-2	5347549	5425653	5355760	5376321	0.80	cps
Manganese	55-2	3435956	3480932	3487045	3467978	0.80	cps
Molybdenum	94-1	265048	269371	271052	268490	1.15	cps
Molybdenum	95-1	2884	2824	2850	2853	1.05	cps
Molybdenum	96-1	50202	50400	50229	50277	0.21	cps
Molybdenum	97-1	1693	1840	1773	1769	4.15	cps
Molybdenum	98-1	4217	4341	4494	4351	3.19	cps
Neodymium	150-1	238390	243396	241135	240974	1.04	cps
Neodymium	150-2	131526	130712	130140	130793	0.53	cps
Nickel	60-2	177564	177355	178458	177792	0.33	cps
Phosphorus	31-2	30040	30313	30958	30437	1.55	cps
Potassium	39-2	1591187	1593405	1570578	1585057	0.79	cps
Rhodium	103-1	8420705	8386843	8367842	8391797	0.32	cps
Rhodium	103-2	4732255	4678357	4667303	4692638	0.74	cps
Scandium	45-1	4914710	4853230	4888279	4885406	0.63	cps
Scandium	45-2	402872	404015	405614	404167	0.34	cps
Selenium	82-1	732	756	708	732	3.28	cps
Selenium	77-2	267	257	207	243	13.21	cps
Selenium	78-2	310	450	403	388	18.38	cps
Silicon	28-1	18422864	18597593	18695716	18572058	0.74	cps
Silver	107-1	29573	30105	30388	30022	1.38	cps
Silver	109-1	28040	28161	28739	28313	1.32	cps
Sodium	23-2	117561	117131	118484	117725	0.59	cps
Strontium	86-1	643140	653430	658411	651660	1.20	cps
Strontium	88-1	5626687	5752097	5768520	5715768	1.36	cps
Sulfur	34-1	131671	131947	132082	131900	0.16	cps
Terbium	159-1	14005689	14102428	14200819	14102979	0.69	cps
Terbium	159-2	8759113	8945907	8875850	8860290	1.07	cps
Thallium	203-1	2920	2787	2917	2875	2.65	cps
Thallium	205-1	6428	6695	6562	6562	2.03	cps
Tin	118-1	35280	36489	36456	36075	1.91	cps
Titanium	47-1	1525432	1557676	1564621	1549243	1.35	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-06	Instrumnet Name :	P7
Client Sample ID :	MYD387	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:04:32	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41350	42972	42334	42219	1.94	cps
Vanadium	51-2	249583	248649	249285	249172	0.19	cps
Yttrium	89-1	10856545	10888253	10909119	10884639	0.24	cps
Yttrium	89-2	2515659	2534081	2509677	2519806	0.50	cps
Zinc	66-2	316466	317109	316397	316657	0.12	cps
Zirconium	90-1	708369	726279	730507	721718	1.63	cps
Zirconium	91-1	159348	161966	163530	161614	1.31	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-07	Instrumnet Name :	P7
Client Sample ID :	MYD388	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:07:36	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9025874	8962700	8947503	8978692	0.46	cps
Antimony	121-1	18285	18459	19009	18584	2.03	cps
Arsenic	75-2	55570	54376	54871	54939	1.09	cps
Barium	135-1	2432321	2455165	2472709	2453398	0.83	cps
Barium	137-1	4226142	4283112	4257225	4255493	0.67	cps
Beryllium	9-1	3310	3674	3474	3486	5.22	cps
Bismuth	209-1	8680831	8774027	8693235	8716031	0.58	cps
Bismuth	209-2	6490201	6525353	6555114	6523556	0.50	cps
Bromine	81-1	9887	10160	10427	10158	2.66	cps
Bromine	81-2	887	783	747	806	9.01	cps
Cadmium	108-1	1973	2034	1940	1982	2.39	cps
Cadmium	106-1	6575	6658	6592	6608	0.67	cps
Cadmium	111-1	20835	20781	21457	21025	1.79	cps
Calcium	43-1	2889874	2911893	2911541	2904436	0.43	cps
Calcium	44-1	46393063	47466293	47542383	47133913	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	329823	328843	328499	329055	0.21	cps
Cobalt	59-2	215288	214368	215636	215097	0.30	cps
Copper	63-2	4347793	4387276	4369887	4368319	0.45	cps
Dysprosium	156-1	122246	124304	126793	124447	1.83	cps
Dysprosium	156-2	99919	100516	100161	100198	0.30	cps
Erbium	164-1	70698	72537	73254	72163	1.83	cps
Erbium	164-2	45316	46337	46129	45927	1.17	cps
Gadolinium	160-1	97392	99909	99956	99086	1.48	cps
Gadolinium	160-2	66939	67491	68339	67590	1.04	cps
Holmium	165-1	13978516	14089349	13852872	13973579	0.85	cps
Holmium	165-2	8939270	9070328	9072958	9027519	0.85	cps
Indium	115-1	9860329	9942381	9989973	9930894	0.66	cps
Indium	115-2	3084079	3076229	3089678	3083329	0.22	cps
Iron	56-2	184604797	185972817	184986391	185188002	0.38	cps
Iron	57-2	4612467	4624458	4613602	4616842	0.14	cps
Iron	54-2	9938911	10086264	9981356	10002177	0.76	cps
Krypton	83-1	153	147	197	166	16.40	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-07	Instrumnet Name :	P7
Client Sample ID :	MYD388	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:07:36	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2012758	2061851	2081030	2051880	1.72	cps
Lead	207-1	1646631	1669624	1889565	1735274	7.73	cps
Lead	208-1	7971903	8188374	8416609	8192295	2.71	cps
Lithium	6-1	1834237	1847736	1895939	1859304	1.74	cps
Magnesium	24-2	6657646	6629616	6635719	6640994	0.22	cps
Manganese	55-2	4187596	4244459	4225778	4219278	0.69	cps
Molybdenum	94-1	305055	312571	312434	310020	1.39	cps
Molybdenum	95-1	3584	3877	3831	3764	4.19	cps
Molybdenum	96-1	58634	58794	58570	58666	0.20	cps
Molybdenum	97-1	2470	2244	2420	2378	5.01	cps
Molybdenum	98-1	5798	5728	6175	5900	4.07	cps
Neodymium	150-1	286960	289147	293861	289989	1.22	cps
Neodymium	150-2	155756	154643	155985	155461	0.46	cps
Nickel	60-2	219289	218596	216986	218290	0.54	cps
Phosphorus	31-2	36574	36791	37092	36819	0.71	cps
Potassium	39-2	1671676	1671361	1641462	1661500	1.04	cps
Rhodium	103-1	8382334	8412705	8477726	8424255	0.58	cps
Rhodium	103-2	4661092	4682375	4718464	4687310	0.62	cps
Scandium	45-1	4904129	5042475	5040541	4995715	1.59	cps
Scandium	45-2	410268	408271	404653	407731	0.70	cps
Selenium	82-1	827	902	776	835	7.55	cps
Selenium	77-2	257	267	300	274	8.27	cps
Selenium	78-2	403	373	360	379	5.86	cps
Silicon	28-1	16879885	17319254	17320654	17173265	1.48	cps
Silver	107-1	35731	36121	35614	35822	0.74	cps
Silver	109-1	33278	34167	34668	34038	2.07	cps
Sodium	23-2	174917	177901	177004	176607	0.87	cps
Strontium	86-1	836267	850067	857198	847844	1.26	cps
Strontium	88-1	7400224	7453871	7554218	7469438	1.05	cps
Sulfur	34-1	138763	142238	141921	140974	1.36	cps
Terbium	159-1	14268661	14269412	14252682	14263585	0.07	cps
Terbium	159-2	8797475	8934322	8763752	8831849	1.02	cps
Thallium	203-1	3574	3694	3631	3633	1.65	cps
Thallium	205-1	8513	8820	8499	8611	2.10	cps
Tin	118-1	44131	44940	45355	44808	1.39	cps
Titanium	47-1	1879640	1945295	1936978	1920638	1.86	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-07	Instrumnet Name :	P7
Client Sample ID :	MYD388	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:07:36	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53801	53875	55184	54287	1.43	cps
Vanadium	51-2	287545	289627	288064	288412	0.38	cps
Yttrium	89-1	11056668	11090625	11108134	11085142	0.24	cps
Yttrium	89-2	2580574	2571021	2565788	2572461	0.29	cps
Zinc	66-2	414704	414607	414570	414627	0.02	cps
Zirconium	90-1	822896	834846	845145	834296	1.33	cps
Zirconium	91-1	182895	187709	187856	186153	1.52	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08	Instrumnet Name :	P7
Client Sample ID :	MYD389	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:10:40	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6137796	6157024	6131532	6142117	0.22	cps
Antimony	121-1	25710	25559	25643	25637	0.29	cps
Arsenic	75-2	49733	48653	48706	49031	1.24	cps
Barium	135-1	1769380	1816318	1863818	1816505	2.60	cps
Barium	137-1	3112111	3167000	3177907	3152339	1.12	cps
Beryllium	9-1	2217	2370	2384	2324	3.99	cps
Bismuth	209-1	8702371	8792550	8752528	8749150	0.52	cps
Bismuth	209-2	6525644	6526456	6606062	6552721	0.70	cps
Bromine	81-1	8289	8362	8736	8463	2.83	cps
Bromine	81-2	353	373	350	359	3.52	cps
Cadmium	108-1	1510	1680	1530	1573	5.91	cps
Cadmium	106-1	5725	5638	5851	5738	1.87	cps
Cadmium	111-1	18011	18062	18460	18178	1.35	cps
Calcium	43-1	1437866	1480135	1498878	1472293	2.12	cps
Calcium	44-1	23189481	23580308	23726976	23498922	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	237934	239136	235445	237505	0.79	cps
Cobalt	59-2	178117	176906	177017	177346	0.38	cps
Copper	63-2	3750464	3743703	3724606	3739591	0.36	cps
Dysprosium	156-1	87540	89435	90683	89220	1.77	cps
Dysprosium	156-2	70834	70355	70794	70661	0.38	cps
Erbium	164-1	50594	51384	51893	51290	1.28	cps
Erbium	164-2	32782	32555	33036	32791	0.73	cps
Gadolinium	160-1	70061	71287	71421	70923	1.06	cps
Gadolinium	160-2	47962	48537	47764	48088	0.83	cps
Holmium	165-1	14002765	14112834	13815280	13976960	1.08	cps
Holmium	165-2	9111351	9078639	9096673	9095554	0.18	cps
Indium	115-1	10038612	10256447	10122917	10139325	1.08	cps
Indium	115-2	3144851	3142509	3079997	3122452	1.18	cps
Iron	56-2	162865661	162463651	161940104	162423139	0.29	cps
Iron	57-2	4029361	4041168	3993848	4021459	0.61	cps
Iron	54-2	8791471	8857510	8752313	8800431	0.60	cps
Krypton	83-1	197	147	160	168	15.43	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08	Instrumnet Name :	P7
Client Sample ID :	MYD389	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:10:40	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1559837	1591629	1596254	1582573	1.25	cps
Lead	207-1	1384361	1407468	1415963	1402597	1.17	cps
Lead	208-1	6595700	6721913	6743890	6687168	1.20	cps
Lithium	6-1	1848636	1873643	1879653	1867311	0.88	cps
Magnesium	24-2	5025998	5000245	5031880	5019374	0.34	cps
Manganese	55-2	5049387	5035426	5047947	5044253	0.15	cps
Molybdenum	94-1	201460	205748	207861	205023	1.59	cps
Molybdenum	95-1	3487	3607	3597	3564	1.87	cps
Molybdenum	96-1	39727	41027	40362	40372	1.61	cps
Molybdenum	97-1	2224	2044	2064	2110	4.68	cps
Molybdenum	98-1	5464	5758	5621	5614	2.62	cps
Neodymium	150-1	197155	200149	204413	200572	1.82	cps
Neodymium	150-2	108637	108171	107973	108260	0.32	cps
Nickel	60-2	160198	159242	159393	159611	0.32	cps
Phosphorus	31-2	26039	26166	26122	26109	0.25	cps
Potassium	39-2	1341059	1358161	1357110	1352110	0.71	cps
Rhodium	103-1	8762973	8754306	8805958	8774412	0.32	cps
Rhodium	103-2	4840051	4795803	4811400	4815751	0.47	cps
Scandium	45-1	4967781	5060189	5059166	5029045	1.06	cps
Scandium	45-2	410414	412070	410150	410878	0.25	cps
Selenium	82-1	671	677	793	714	9.64	cps
Selenium	77-2	210	207	210	209	0.92	cps
Selenium	78-2	313	310	347	323	6.27	cps
Silicon	28-1	15618145	15940246	16117641	15892011	1.59	cps
Silver	107-1	29169	30195	29877	29747	1.76	cps
Silver	109-1	27817	28568	28795	28393	1.80	cps
Sodium	23-2	132863	131401	133176	132480	0.72	cps
Strontium	86-1	600486	609214	619580	609760	1.57	cps
Strontium	88-1	5258543	5379910	5397558	5345337	1.42	cps
Sulfur	34-1	136405	137634	139093	137711	0.98	cps
Terbium	159-1	14337197	14478325	14485254	14433592	0.58	cps
Terbium	159-2	8935261	8953925	8890722	8926636	0.36	cps
Thallium	203-1	3410	3480	3607	3499	2.85	cps
Thallium	205-1	8349	8243	8519	8370	1.67	cps
Tin	118-1	36951	38174	38023	37716	1.77	cps
Titanium	47-1	1353807	1368862	1389172	1370614	1.29	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08	Instrumnet Name :	P7
Client Sample ID :	MYD389	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:10:40	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36039	37065	36614	36572	1.41	cps
Vanadium	51-2	287412	284051	285116	285526	0.60	cps
Yttrium	89-1	11023689	11104009	11222834	11116844	0.90	cps
Yttrium	89-2	2549519	2544987	2564223	2552909	0.39	cps
Zinc	66-2	345977	347257	343711	345649	0.52	cps
Zirconium	90-1	542342	552314	559403	551353	1.55	cps
Zirconium	91-1	120355	122576	124335	122422	1.63	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-09	Instrumnet Name :	P7
Client Sample ID :	MYD389D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:13:44	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6149752	6091617	6082589	6107986	0.60	cps
Antimony	121-1	24644	25232	25102	24993	1.24	cps
Arsenic	75-2	48870	49857	48743	49157	1.24	cps
Barium	135-1	1775005	1766855	1822408	1788089	1.68	cps
Barium	137-1	3079591	3117749	3153531	3116957	1.19	cps
Beryllium	9-1	2370	2204	2220	2265	4.05	cps
Bismuth	209-1	8643931	8601641	8818564	8688045	1.32	cps
Bismuth	209-2	6591223	6556592	6549932	6565915	0.34	cps
Bromine	81-1	8229	8589	8773	8530	3.24	cps
Bromine	81-2	377	313	323	338	10.08	cps
Cadmium	108-1	1640	1673	1593	1636	2.46	cps
Cadmium	106-1	5685	5768	5778	5743	0.89	cps
Cadmium	111-1	17782	18018	18404	18068	1.74	cps
Calcium	43-1	1465851	1487948	1491651	1481817	0.94	cps
Calcium	44-1	23395883	23569839	23667150	23544290	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	238107	235324	237640	237024	0.63	cps
Cobalt	59-2	174534	172566	173328	173476	0.57	cps
Copper	63-2	3771041	3714222	3679043	3721435	1.25	cps
Dysprosium	156-1	85732	89130	88523	87795	2.06	cps
Dysprosium	156-2	68814	69353	69203	69123	0.40	cps
Erbium	164-1	50260	50691	50916	50622	0.66	cps
Erbium	164-2	32989	32321	32254	32521	1.25	cps
Gadolinium	160-1	68024	69719	70235	69326	1.67	cps
Gadolinium	160-2	47413	47142	46661	47072	0.81	cps
Holmium	165-1	13808703	13926970	13847363	13861012	0.44	cps
Holmium	165-2	9206590	9038016	9142253	9128953	0.93	cps
Indium	115-1	9907754	10093963	10024936	10008884	0.94	cps
Indium	115-2	3124500	3126721	3134055	3128425	0.16	cps
Iron	56-2	160815054	160077294	160943824	160612058	0.29	cps
Iron	57-2	3992130	3918711	4001530	3970790	1.14	cps
Iron	54-2	8728002	8711268	8715756	8718342	0.10	cps
Krypton	83-1	147	160	150	152	4.56	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-09	Instrumnet Name :	P7
Client Sample ID :	MYD389D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:13:44	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1549821	1566052	1574830	1563568	0.81	cps
Lead	207-1	1371346	1394543	1399440	1388443	1.08	cps
Lead	208-1	6557294	6592252	6666255	6605267	0.84	cps
Lithium	6-1	1861257	1876846	1885835	1874646	0.66	cps
Magnesium	24-2	4974597	4972098	4896870	4947855	0.89	cps
Manganese	55-2	4774747	4733393	4761870	4756670	0.44	cps
Molybdenum	94-1	205210	208414	210796	208140	1.35	cps
Molybdenum	95-1	3704	3707	3527	3646	2.83	cps
Molybdenum	96-1	39908	40486	41255	40549	1.67	cps
Molybdenum	97-1	2057	2260	2260	2192	5.36	cps
Molybdenum	98-1	5358	5681	5581	5540	2.99	cps
Neodymium	150-1	194313	195481	199508	196434	1.39	cps
Neodymium	150-2	105303	106831	104812	105649	1.00	cps
Nickel	60-2	158996	157318	155924	157413	0.98	cps
Phosphorus	31-2	25832	26012	25618	25821	0.76	cps
Potassium	39-2	1369103	1349824	1356494	1358474	0.72	cps
Rhodium	103-1	8632578	8698758	8644456	8658598	0.41	cps
Rhodium	103-2	4772591	4792224	4831139	4798651	0.62	cps
Scandium	45-1	5034866	5035216	5044886	5038323	0.11	cps
Scandium	45-2	408149	409900	410333	409461	0.28	cps
Selenium	82-1	681	677	724	694	3.78	cps
Selenium	77-2	187	220	270	226	18.60	cps
Selenium	78-2	293	370	380	348	13.63	cps
Silicon	28-1	15008339	15398567	15225064	15210656	1.29	cps
Silver	107-1	28889	29383	30395	29556	2.60	cps
Silver	109-1	28104	28842	28535	28494	1.30	cps
Sodium	23-2	126555	128050	127889	127498	0.64	cps
Strontium	86-1	598450	602538	605876	602288	0.62	cps
Strontium	88-1	5292798	5334483	5412537	5346606	1.14	cps
Sulfur	34-1	138450	141643	142692	140928	1.57	cps
Terbium	159-1	14244551	14227914	14317706	14263391	0.33	cps
Terbium	159-2	8798695	8854782	8922098	8858525	0.70	cps
Thallium	203-1	3337	3290	3384	3337	1.40	cps
Thallium	205-1	7936	8126	8019	8027	1.19	cps
Tin	118-1	36055	37171	36854	36693	1.57	cps
Titanium	47-1	1341696	1359463	1367030	1356063	0.96	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-09	Instrumnet Name :	P7
Client Sample ID :	MYD389D	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:13:44	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35457	35320	36403	35727	1.65	cps
Vanadium	51-2	279303	279653	280042	279666	0.13	cps
Yttrium	89-1	10915770	11098467	11002367	11005534	0.83	cps
Yttrium	89-2	2564924	2508519	2547742	2540395	1.14	cps
Zinc	66-2	346243	341818	344137	344066	0.64	cps
Zirconium	90-1	551695	561488	561659	558281	1.02	cps
Zirconium	91-1	122318	125037	125790	124381	1.47	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08LX5	Instrumnet Name :	P7
Client Sample ID :	MYD389L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 22:16:50	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1187544	1197261	1190592	1191799	0.42	cps
Antimony	121-1	5128	4771	4954	4951	3.60	cps
Arsenic	75-2	9423	9203	9326	9317	1.18	cps
Barium	135-1	323320	325379	324008	324236	0.32	cps
Barium	137-1	564860	561606	565724	564063	0.38	cps
Beryllium	9-1	457	503	390	450	12.66	cps
Bismuth	209-1	8670425	8577229	8582952	8610202	0.61	cps
Bismuth	209-2	6523126	6495175	6526061	6514787	0.26	cps
Bromine	81-1	7442	6968	6962	7124	3.87	cps
Bromine	81-2	80	97	83	87	10.18	cps
Cadmium	108-1	260	310	290	287	8.78	cps
Cadmium	106-1	3394	3377	3074	3282	5.49	cps
Cadmium	111-1	5207	5107	5056	5123	1.51	cps
Calcium	43-1	294965	299067	298777	297603	0.77	cps
Calcium	44-1	4447955	4448333	4440282	4445523	0.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45298	45248	44201	44916	1.38	cps
Cobalt	59-2	34252	34012	34540	34268	0.77	cps
Copper	63-2	720116	720830	718824	719923	0.14	cps
Dysprosium	156-1	16276	16476	16356	16370	0.62	cps
Dysprosium	156-2	13230	13350	13323	13301	0.47	cps
Erbium	164-1	9513	9663	9500	9559	0.95	cps
Erbium	164-2	6175	6318	6318	6270	1.32	cps
Gadolinium	160-1	13116	13113	13246	13158	0.58	cps
Gadolinium	160-2	8956	9523	9100	9193	3.21	cps
Holmium	165-1	13652215	13532824	13624536	13603191	0.46	cps
Holmium	165-2	8888505	8933417	8876076	8899333	0.34	cps
Indium	115-1	9957010	10132646	9918852	10002836	1.14	cps
Indium	115-2	3128044	3092769	3133495	3118103	0.71	cps
Iron	56-2	30743994	30824975	30657678	30742216	0.27	cps
Iron	57-2	807059	805229	806201	806163	0.11	cps
Iron	54-2	1680216	1657918	1655110	1664415	0.83	cps
Krypton	83-1	120	83	97	100	18.56	cps

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LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08LX5	Instrumnet Name :	P7
Client Sample ID :	MYD389L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 22:16:50	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	296610	298742	299283	298212	0.47	cps
Lead	207-1	263475	265908	267865	265750	0.83	cps
Lead	208-1	1193392	1201479	1203290	1199387	0.44	cps
Lithium	6-1	1819184	1884325	1829587	1844365	1.90	cps
Magnesium	24-2	980455	978898	977612	978988	0.15	cps
Manganese	55-2	971151	966689	970140	969327	0.24	cps
Molybdenum	94-1	38661	38420	38196	38426	0.60	cps
Molybdenum	95-1	813	730	720	754	6.79	cps
Molybdenum	96-1	7802	7635	7839	7759	1.40	cps
Molybdenum	97-1	397	477	423	432	9.42	cps
Molybdenum	98-1	1067	1073	1047	1062	1.31	cps
Neodymium	150-1	37249	38031	37884	37721	1.10	cps
Neodymium	150-2	20361	20261	20261	20295	0.29	cps
Nickel	60-2	30691	30879	31149	30906	0.74	cps
Phosphorus	31-2	4968	4994	5034	4999	0.67	cps
Potassium	39-2	290222	291872	291811	291301	0.32	cps
Rhodium	103-1	8808713	8771237	8753148	8777699	0.32	cps
Rhodium	103-2	4829086	4767064	4826085	4807412	0.73	cps
Scandium	45-1	4788415	4853539	4804560	4815505	0.70	cps
Scandium	45-2	391264	393763	391222	392083	0.37	cps
Selenium	82-1	397	446	379	407	8.58	cps
Selenium	77-2	73	27	33	44	56.79	cps
Selenium	78-2	150	227	103	160	38.92	cps
Silicon	28-1	3138459	3133660	3189001	3153707	0.97	cps
Silver	107-1	5791	5628	6128	5849	4.36	cps
Silver	109-1	5271	5704	5481	5486	3.95	cps
Sodium	23-2	31850	32047	31843	31913	0.36	cps
Strontium	86-1	114296	115055	114820	114723	0.34	cps
Strontium	88-1	1004875	1010902	1011129	1008969	0.35	cps
Sulfur	34-1	116688	116617	116920	116742	0.14	cps
Terbium	159-1	14039281	14059298	13875283	13991287	0.72	cps
Terbium	159-2	8697675	8695384	8687047	8693369	0.06	cps
Thallium	203-1	740	683	683	702	4.66	cps
Thallium	205-1	1583	1547	1673	1601	4.07	cps
Tin	118-1	7379	7779	7372	7510	3.10	cps
Titanium	47-1	259519	265080	264924	263174	1.20	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08LX5	Instrumnet Name :	P7
Client Sample ID :	MYD389L	Dilution Factor :	5
Date & Time Acquired :	2024-10-03 22:16:50	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6732	6645	6925	6767	2.12	cps
Vanadium	51-2	54304	53692	54217	54071	0.61	cps
Yttrium	89-1	10370990	10416962	10395557	10394503	0.22	cps
Yttrium	89-2	2418206	2395595	2381755	2398519	0.77	cps
Zinc	66-2	67900	66443	66648	66997	1.18	cps
Zirconium	90-1	103721	103811	103358	103630	0.23	cps
Zirconium	91-1	23092	23709	22751	23184	2.10	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-10	Instrumnet Name :	P7
Client Sample ID :	MYD389S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:20:04	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6034054	6022492	6044513	6033686	0.18	cps
Antimony	121-1	381281	386844	387873	385333	0.92	cps
Arsenic	75-2	52961	52897	53349	53069	0.46	cps
Barium	135-1	3680357	3698671	3748105	3709045	0.94	cps
Barium	137-1	6323865	6415474	6429827	6389722	0.90	cps
Beryllium	9-1	29124	29211	30213	29516	2.05	cps
Bismuth	209-1	8489631	8609674	8618187	8572497	0.84	cps
Bismuth	209-2	6515259	6438338	6419711	6457769	0.78	cps
Bromine	81-1	7829	7845	7725	7800	0.83	cps
Bromine	81-2	280	337	327	314	9.62	cps
Cadmium	108-1	4771	4451	4284	4502	5.50	cps
Cadmium	106-1	9627	9570	9757	9651	0.99	cps
Cadmium	111-1	60431	61904	62881	61738	2.00	cps
Calcium	43-1	1433773	1431196	1439965	1434978	0.31	cps
Calcium	44-1	22625456	22912095	23028815	22855455	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	458692	460299	458061	459017	0.25	cps
Cobalt	59-2	1043345	1040188	1044590	1042708	0.22	cps
Copper	63-2	3924285	3840337	3927979	3897534	1.27	cps
Dysprosium	156-1	84301	86065	86323	85563	1.29	cps
Dysprosium	156-2	68080	67394	69075	68183	1.24	cps
Erbium	164-1	48143	49467	50558	49389	2.45	cps
Erbium	164-2	32274	32341	31829	32148	0.86	cps
Gadolinium	160-1	67746	67377	68071	67731	0.51	cps
Gadolinium	160-2	45831	44989	45898	45573	1.11	cps
Holmium	165-1	13698328	13725417	13809714	13744486	0.42	cps
Holmium	165-2	9073092	9020917	8937535	9010514	0.76	cps
Indium	115-1	9838273	10038723	9931589	9936195	1.01	cps
Indium	115-2	3094190	3043453	3064180	3067274	0.83	cps
Iron	56-2	158457704	158139368	156608141	157735071	0.63	cps
Iron	57-2	3917055	3900954	3888150	3902053	0.37	cps
Iron	54-2	8487561	8505117	8483925	8492201	0.13	cps
Krypton	83-1	130	143	157	143	9.30	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-10	Instrumnet Name :	P7
Client Sample ID :	MYD389S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:20:04	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1552763	1574578	1593711	1573684	1.30	cps
Lead	207-1	1376648	1404105	1414517	1398423	1.40	cps
Lead	208-1	6533369	6657362	6724109	6638280	1.46	cps
Lithium	6-1	1852301	1871918	1915042	1879753	1.71	cps
Magnesium	24-2	4842892	4829554	4839183	4837210	0.14	cps
Manganese	55-2	5231690	5244505	5192425	5222874	0.52	cps
Molybdenum	94-1	197000	202074	203890	200988	1.78	cps
Molybdenum	95-1	3417	3637	3510	3522	3.14	cps
Molybdenum	96-1	38708	39567	38878	39051	1.16	cps
Molybdenum	97-1	2117	2100	2140	2119	0.95	cps
Molybdenum	98-1	5541	5398	5598	5512	1.87	cps
Neodymium	150-1	189826	193553	195762	193047	1.55	cps
Neodymium	150-2	103889	104332	103764	103995	0.29	cps
Nickel	60-2	366736	370096	372538	369790	0.79	cps
Phosphorus	31-2	24560	25157	25067	24928	1.29	cps
Potassium	39-2	1304665	1327567	1298719	1310317	1.16	cps
Rhodium	103-1	8557363	8621578	8656615	8611852	0.58	cps
Rhodium	103-2	4773170	4742589	4721289	4745683	0.55	cps
Scandium	45-1	4914415	4991969	4964319	4956901	0.79	cps
Scandium	45-2	404640	405558	401381	403860	0.54	cps
Selenium	82-1	5790	5743	5930	5821	1.67	cps
Selenium	77-2	650	603	647	633	4.11	cps
Selenium	78-2	1780	1687	1730	1732	2.70	cps
Silicon	28-1	15108542	15325881	15308069	15247497	0.79	cps
Silver	107-1	235507	238833	239771	238037	0.94	cps
Silver	109-1	224295	228126	229172	227198	1.13	cps
Sodium	23-2	120852	121719	121407	121326	0.36	cps
Strontium	86-1	580627	589147	593882	587885	1.14	cps
Strontium	88-1	5085140	5214190	5194463	5164597	1.35	cps
Sulfur	34-1	133396	132152	133235	132928	0.51	cps
Terbium	159-1	13847943	14219879	14091856	14053226	1.34	cps
Terbium	159-2	8721597	8784387	8731680	8745888	0.39	cps
Thallium	203-1	172922	177510	179341	176591	1.87	cps
Thallium	205-1	414260	422263	427368	421297	1.57	cps
Tin	118-1	35671	36907	36717	36432	1.83	cps
Titanium	47-1	1322478	1323921	1344746	1330382	0.94	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-10	Instrumnet Name :	P7
Client Sample ID :	MYD389S	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:20:04	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34705	35330	35193	35076	0.94	cps
Vanadium	51-2	783648	782254	780802	782235	0.18	cps
Yttrium	89-1	10818985	10945652	10956819	10907152	0.70	cps
Yttrium	89-2	2505683	2504574	2490668	2500308	0.33	cps
Zinc	66-2	434151	432267	431766	432728	0.29	cps
Zirconium	90-1	524756	534566	537988	532437	1.29	cps
Zirconium	91-1	118494	118796	120409	119233	0.86	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08MS	Instrumnet Name :	P7
Client Sample ID :	MYD389SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:23:09	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6195196	6241837	6218442	6218492	0.38	cps
Antimony	121-1	1814643	1790329	1789259	1798077	0.80	cps
Arsenic	75-2	72938	73280	72372	72863	0.63	cps
Barium	135-1	10988670	11348086	11137342	11158033	1.62	cps
Barium	137-1	18955326	19283955	19388075	19209119	1.18	cps
Beryllium	9-1	130333	131731	132972	131679	1.00	cps
Bismuth	209-1	8539101	8648947	8525282	8571110	0.79	cps
Bismuth	209-2	6502772	6555364	6473677	6510604	0.64	cps
Bromine	81-1	7565	7425	7402	7464	1.18	cps
Bromine	81-2	273	300	327	300	8.89	cps
Cadmium	108-1	14754	15518	15171	15148	2.53	cps
Cadmium	106-1	24063	24267	24133	24155	0.43	cps
Cadmium	111-1	223781	226441	227609	225944	0.87	cps
Calcium	43-1	1374742	1354507	1365218	1364822	0.74	cps
Calcium	44-1	21792873	21842881	22073449	21903068	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1306905	1309823	1308567	1308432	0.11	cps
Cobalt	59-2	4271681	4330117	4288499	4296766	0.70	cps
Copper	63-2	4839464	4877448	4796705	4837872	0.83	cps
Dysprosium	156-1	81347	82239	82960	82182	0.98	cps
Dysprosium	156-2	65699	66647	65548	65965	0.90	cps
Erbium	164-1	47614	47791	48661	48022	1.17	cps
Erbium	164-2	31044	30984	31105	31044	0.19	cps
Gadolinium	160-1	64464	67240	66547	66084	2.19	cps
Gadolinium	160-2	44514	44494	44691	44566	0.24	cps
Holmium	165-1	13656275	13871306	13776354	13767978	0.78	cps
Holmium	165-2	8901773	9017447	9058642	8992620	0.90	cps
Indium	115-1	9698184	9871518	9910588	9826764	1.15	cps
Indium	115-2	3043354	3063876	3027925	3045052	0.59	cps
Iron	56-2	153501688	153554194	154430091	153828658	0.34	cps
Iron	57-2	3767226	3851180	3784615	3801007	1.17	cps
Iron	54-2	8330623	8342764	8333742	8335710	0.08	cps
Krypton	83-1	113	127	160	133	18.02	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08MS	Instrumnet Name :	P7
Client Sample ID :	MYD389SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:23:09	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1921416	1928594	1925083	1925031	0.19	cps
Lead	207-1	1542160	1560977	1576180	1559772	1.09	cps
Lead	208-1	7500814	7588181	7597743	7562246	0.71	cps
Lithium	6-1	1850843	1835383	1880489	1855572	1.24	cps
Magnesium	24-2	4675154	4648452	4617351	4646986	0.62	cps
Manganese	55-2	6587553	6593991	6553581	6578375	0.33	cps
Molybdenum	94-1	190620	193157	194010	192596	0.92	cps
Molybdenum	95-1	3477	3557	3587	3540	1.61	cps
Molybdenum	96-1	37321	37719	37729	37589	0.62	cps
Molybdenum	97-1	1960	2037	2077	2025	2.93	cps
Molybdenum	98-1	5304	5788	5648	5580	4.46	cps
Neodymium	150-1	186222	188729	189221	188058	0.86	cps
Neodymium	150-2	100864	100145	100649	100553	0.37	cps
Nickel	60-2	1170556	1177869	1171500	1173308	0.34	cps
Phosphorus	31-2	23688	23845	23779	23771	0.33	cps
Potassium	39-2	1264941	1233296	1263932	1254056	1.43	cps
Rhodium	103-1	8457830	8515080	8437180	8470030	0.48	cps
Rhodium	103-2	4691954	4693603	4694954	4693504	0.03	cps
Scandium	45-1	4881679	4913785	4857476	4884313	0.58	cps
Scandium	45-2	391657	398030	393587	394425	0.83	cps
Selenium	82-1	26341	26702	26287	26443	0.85	cps
Selenium	77-2	2494	2494	2404	2464	2.11	cps
Selenium	78-2	7802	7789	7936	7842	1.03	cps
Silicon	28-1	14270826	14474952	14448235	14398004	0.77	cps
Silver	107-1	859082	1039110	874414	924202	10.80	cps
Silver	109-1	724552	791073	787055	767560	4.86	cps
Sodium	23-2	117514	117940	117420	117625	0.24	cps
Strontium	86-1	559048	565857	568908	564604	0.89	cps
Strontium	88-1	4929065	4922473	5007874	4953137	0.96	cps
Sulfur	34-1	126686	126747	125846	126426	0.40	cps
Terbium	159-1	14204030	14154290	14265000	14207773	0.39	cps
Terbium	159-2	8683048	8794640	8686897	8721528	0.73	cps
Thallium	203-1	835668	851299	849855	845608	1.02	cps
Thallium	205-1	2224509	2237237	2226723	2229490	0.31	cps
Tin	118-1	34241	35300	35296	34946	1.75	cps
Titanium	47-1	1237651	1269670	1290738	1266019	2.11	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08MS	Instrumnet Name :	P7
Client Sample ID :	MYD389SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:23:09	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33773	34284	34053	34037	0.75	cps
Vanadium	51-2	2599880	2605653	2634034	2613189	0.70	cps
Yttrium	89-1	10731639	10858387	10736774	10775600	0.67	cps
Yttrium	89-2	2501199	2481914	2493766	2492293	0.39	cps
Zinc	66-2	802043	801699	801806	801849	0.02	cps
Zirconium	90-1	510040	517664	517464	515056	0.84	cps
Zirconium	91-1	113418	114700	116747	114955	1.46	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-11	Instrumnet Name :	P7
Client Sample ID :	MYD390	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:26:06	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7348981	7299153	7282947	7310360	0.47	cps
Antimony	121-1	31515	32711	32099	32108	1.86	cps
Arsenic	75-2	63090	62939	63525	63185	0.48	cps
Barium	135-1	1932651	1989739	2053860	1992083	3.04	cps
Barium	137-1	3462721	3452126	3488884	3467910	0.55	cps
Beryllium	9-1	2727	2937	2890	2851	3.87	cps
Bismuth	209-1	8686263	8731300	8803809	8740457	0.68	cps
Bismuth	209-2	6654138	6622191	6547788	6608039	0.83	cps
Bromine	81-1	8116	8616	8583	8438	3.32	cps
Bromine	81-2	413	530	443	462	13.11	cps
Cadmium	108-1	1927	1747	1923	1866	5.52	cps
Cadmium	106-1	6008	5898	6245	6050	2.93	cps
Cadmium	111-1	21919	21705	22191	21938	1.11	cps
Calcium	43-1	1358906	1366125	1381617	1368883	0.85	cps
Calcium	44-1	21750851	22117444	22062049	21976781	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	290060	288938	289961	289653	0.21	cps
Cobalt	59-2	194054	192818	191498	192790	0.66	cps
Copper	63-2	4861679	4838767	4832964	4844470	0.31	cps
Dysprosium	156-1	101735	102725	102292	102250	0.49	cps
Dysprosium	156-2	81424	82678	81950	82018	0.77	cps
Erbium	164-1	60021	60028	59174	59741	0.82	cps
Erbium	164-2	38058	37801	38493	38117	0.92	cps
Gadolinium	160-1	82601	81941	81914	82152	0.47	cps
Gadolinium	160-2	56185	56068	55737	55997	0.42	cps
Holmium	165-1	13861336	14054235	13968013	13961195	0.69	cps
Holmium	165-2	9126621	9031039	9001053	9052904	0.72	cps
Indium	115-1	9851690	9954128	10003142	9936320	0.78	cps
Indium	115-2	3131558	3085902	3113202	3110221	0.74	cps
Iron	56-2	184803711	183254571	182160124	183406135	0.72	cps
Iron	57-2	4534156	4527256	4554336	4538583	0.31	cps
Iron	54-2	9892512	9968516	9922892	9927973	0.39	cps
Krypton	83-1	143	203	193	180	17.86	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-11	Instrumnet Name :	P7
Client Sample ID :	MYD390	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:26:06	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2214727	2231854	2229042	2225208	0.41	cps
Lead	207-1	1980805	2038070	2028100	2015658	1.52	cps
Lead	208-1	8869299	9098019	9087536	9018285	1.43	cps
Lithium	6-1	1858643	1857486	1845497	1853876	0.39	cps
Magnesium	24-2	5548431	5566558	5480464	5531818	0.82	cps
Manganese	55-2	4267721	4291942	4282610	4280758	0.29	cps
Molybdenum	94-1	211592	220334	220135	217354	2.30	cps
Molybdenum	95-1	4501	4394	4337	4411	1.88	cps
Molybdenum	96-1	43090	43371	44835	43765	2.14	cps
Molybdenum	97-1	2700	2874	2804	2793	3.12	cps
Molybdenum	98-1	6938	7128	7112	7060	1.49	cps
Neodymium	150-1	229282	233394	231704	231460	0.89	cps
Neodymium	150-2	124332	125058	121897	123762	1.34	cps
Nickel	60-2	176363	175712	176286	176120	0.20	cps
Phosphorus	31-2	28967	28633	29392	28997	1.31	cps
Potassium	39-2	1704428	1678149	1660283	1680954	1.32	cps
Rhodium	103-1	8502202	8559030	8604980	8555404	0.60	cps
Rhodium	103-2	4771486	4806874	4750853	4776404	0.59	cps
Scandium	45-1	4959386	5003559	5002087	4988344	0.50	cps
Scandium	45-2	407968	408536	405850	407451	0.35	cps
Selenium	82-1	822	749	773	781	4.79	cps
Selenium	77-2	267	257	250	258	3.25	cps
Selenium	78-2	367	380	350	366	4.11	cps
Silicon	28-1	13207226	13552924	13634969	13465040	1.69	cps
Silver	107-1	42231	42606	43017	42618	0.92	cps
Silver	109-1	39617	40700	40550	40289	1.46	cps
Sodium	23-2	112631	111671	111775	112026	0.47	cps
Strontium	86-1	625917	641129	643392	636813	1.49	cps
Strontium	88-1	5508826	5636064	5654970	5599953	1.42	cps
Sulfur	34-1	132021	137757	136940	135573	2.29	cps
Terbium	159-1	14318082	14317613	14229924	14288540	0.36	cps
Terbium	159-2	8913968	8947653	8799315	8886979	0.88	cps
Thallium	203-1	3287	3470	3287	3348	3.16	cps
Thallium	205-1	8269	8012	8246	8176	1.74	cps
Tin	118-1	37505	38491	38381	38126	1.42	cps
Titanium	47-1	1313140	1342258	1333346	1329581	1.12	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-11	Instrumnet Name :	P7
Client Sample ID :	MYD390	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:26:06	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41327	40735	40989	41017	0.72	cps
Vanadium	51-2	292566	292426	289518	291504	0.59	cps
Yttrium	89-1	10869652	11023771	11093446	10995623	1.04	cps
Yttrium	89-2	2570010	2564354	2556235	2563533	0.27	cps
Zinc	66-2	444565	444738	440634	443313	0.52	cps
Zirconium	90-1	569500	582169	591551	581073	1.90	cps
Zirconium	91-1	127884	131462	131708	130352	1.64	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-12	Instrumnet Name :	P7
Client Sample ID :	MYD391	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:29:11	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4018685	3992021	3971431	3994046	0.59	cps
Antimony	121-1	10534	10511	10711	10585	1.03	cps
Arsenic	75-2	18785	18655	18622	18687	0.46	cps
Barium	135-1	1120863	1129774	1138894	1129843	0.80	cps
Barium	137-1	2041249	2038573	2056957	2045593	0.49	cps
Beryllium	9-1	1610	1740	1577	1642	5.26	cps
Bismuth	209-1	8645846	8711986	7424910	8260914	8.77	cps
Bismuth	209-2	6627935	6557757	6530826	6572173	0.76	cps
Bromine	81-1	7372	7449	7822	7548	3.19	cps
Bromine	81-2	270	240	283	264	8.39	cps
Cadmium	108-1	677	750	677	701	6.04	cps
Cadmium	106-1	4207	4424	3771	4134	8.05	cps
Cadmium	111-1	7416	7626	7160	7401	3.15	cps
Calcium	43-1	1149559	1156344	1164355	1156753	0.64	cps
Calcium	44-1	17246042	17244231	17417809	17302694	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	171870	170700	170464	171011	0.44	cps
Cobalt	59-2	104064	104926	104050	104347	0.48	cps
Copper	63-2	1246389	1235115	1233898	1238467	0.56	cps
Dysprosium	156-1	62053	62819	62465	62446	0.61	cps
Dysprosium	156-2	49212	50500	49028	49580	1.62	cps
Erbium	164-1	38299	39435	38667	38800	1.49	cps
Erbium	164-2	25246	24916	24779	24980	0.96	cps
Gadolinium	160-1	50614	50798	50795	50736	0.21	cps
Gadolinium	160-2	35087	34559	34272	34639	1.19	cps
Holmium	165-1	14080637	13885775	11923468	13296627	8.97	cps
Holmium	165-2	8997640	9110989	8912219	9006950	1.11	cps
Indium	115-1	9968044	10051656	8713136	9577612	7.83	cps
Indium	115-2	3068550	3088530	3085960	3081013	0.35	cps
Iron	56-2	95881145	93920762	93180715	94327541	1.48	cps
Iron	57-2	2374347	2360501	2306188	2347012	1.53	cps
Iron	54-2	5209022	5086375	5126309	5140569	1.22	cps
Krypton	83-1	110	137	153	133	16.40	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-12	Instrumnet Name :	P7
Client Sample ID :	MYD391	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:29:11	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	572881	578652	587078	579537	1.23	cps
Lead	207-1	504328	513906	516133	511456	1.23	cps
Lead	208-1	2287125	2311522	2339708	2312785	1.14	cps
Lithium	6-1	1857508	1868779	1607336	1777874	8.31	cps
Magnesium	24-2	3003478	2984284	2936253	2974672	1.16	cps
Manganese	55-2	2908407	2860722	2846514	2871881	1.13	cps
Molybdenum	94-1	150828	150780	155732	152447	1.87	cps
Molybdenum	95-1	1870	1930	2120	1973	6.61	cps
Molybdenum	96-1	28254	29032	29466	28918	2.12	cps
Molybdenum	97-1	1160	1177	1317	1218	7.07	cps
Molybdenum	98-1	3077	3007	3050	3045	1.16	cps
Neodymium	150-1	139404	141727	140942	140691	0.84	cps
Neodymium	150-2	75551	74355	73648	74518	1.29	cps
Nickel	60-2	98430	97869	97739	98013	0.37	cps
Phosphorus	31-2	17256	17567	17810	17545	1.58	cps
Potassium	39-2	940506	940466	941713	940895	0.08	cps
Rhodium	103-1	8629894	8632491	7519980	8260788	7.77	cps
Rhodium	103-2	4750431	4801944	4717412	4756596	0.90	cps
Scandium	45-1	4890508	4918984	4220750	4676747	8.45	cps
Scandium	45-2	397241	397375	396079	396898	0.18	cps
Selenium	82-1	522	491	513	509	3.21	cps
Selenium	77-2	143	113	140	132	12.44	cps
Selenium	78-2	223	267	173	221	21.12	cps
Silicon	28-1	14215845	14398760	14443009	14352538	0.84	cps
Silver	107-1	9930	10040	9917	9962	0.68	cps
Silver	109-1	9323	9403	9376	9368	0.43	cps
Sodium	23-2	102525	102307	102290	102374	0.13	cps
Strontium	86-1	353951	360542	360515	358336	1.06	cps
Strontium	88-1	3141404	3146889	3181496	3156596	0.69	cps
Sulfur	34-1	118478	118841	117807	118375	0.44	cps
Terbium	159-1	14190755	14199712	12235431	13541966	8.36	cps
Terbium	159-2	8717241	8836362	8861486	8805030	0.88	cps
Thallium	203-1	1783	1747	1760	1763	1.05	cps
Thallium	205-1	4241	4157	4294	4231	1.63	cps
Tin	118-1	12772	12769	12889	12810	0.53	cps
Titanium	47-1	936466	935827	940667	937653	0.28	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-12	Instrumnet Name :	P7
Client Sample ID :	MYD391	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:29:11	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45384	47253	47213	46617	2.29	cps
Vanadium	51-2	152781	152632	152293	152569	0.16	cps
Yttrium	89-1	10781898	10749457	9283842	10271733	8.33	cps
Yttrium	89-2	2466150	2500678	2467846	2478225	0.79	cps
Zinc	66-2	125891	125774	126308	125991	0.22	cps
Zirconium	90-1	399949	403241	414091	405760	1.82	cps
Zirconium	91-1	90644	92221	93469	92112	1.54	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-13	Instrumnet Name :	P7
Client Sample ID :	MYD392	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:32:19	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7873342	7840087	7841067	7851499	0.24	cps
Antimony	121-1	7529	7379	7362	7423	1.24	cps
Arsenic	75-2	20591	21022	20491	20701	1.36	cps
Barium	135-1	2037267	2084015	2075816	2065699	1.21	cps
Barium	137-1	3563985	3619223	3578854	3587354	0.80	cps
Beryllium	9-1	2817	2984	2870	2890	2.95	cps
Bismuth	209-1	8557478	8443345	8564304	8521709	0.80	cps
Bismuth	209-2	6536987	6506268	6489119	6510791	0.37	cps
Bromine	81-1	8759	9009	9043	8937	1.73	cps
Bromine	81-2	480	547	490	506	7.11	cps
Cadmium	108-1	987	1143	1073	1068	7.35	cps
Cadmium	106-1	5121	5528	5504	5384	4.24	cps
Cadmium	111-1	8855	9047	9410	9104	3.09	cps
Calcium	43-1	959637	972261	979042	970313	1.01	cps
Calcium	44-1	14445374	14539741	14597284	14527466	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	292774	291613	290586	291658	0.38	cps
Cobalt	59-2	154485	152707	151956	153049	0.85	cps
Copper	63-2	1390439	1383059	1379575	1384358	0.40	cps
Dysprosium	156-1	106950	108528	108952	108144	0.98	cps
Dysprosium	156-2	87219	86464	85662	86448	0.90	cps
Erbium	164-1	58776	59245	59439	59153	0.58	cps
Erbium	164-2	37851	38917	38276	38348	1.40	cps
Gadolinium	160-1	83406	85331	85465	84734	1.36	cps
Gadolinium	160-2	57112	56845	57601	57186	0.67	cps
Holmium	165-1	13835982	13949159	13798314	13861152	0.57	cps
Holmium	165-2	9203902	9057003	9036567	9099157	1.00	cps
Indium	115-1	9877560	9931704	9963529	9924264	0.44	cps
Indium	115-2	3142656	3098789	3079366	3106937	1.04	cps
Iron	56-2	148500804	146831721	147498664	147610397	0.57	cps
Iron	57-2	3619836	3650305	3626522	3632221	0.44	cps
Iron	54-2	7965877	7963686	7929867	7953143	0.25	cps
Krypton	83-1	137	117	90	114	20.46	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-13	Instrumnet Name :	P7
Client Sample ID :	MYD392	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:32:19	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	643496	651667	660268	651811	1.29	cps
Lead	207-1	573105	580373	586046	579841	1.12	cps
Lead	208-1	2591763	2616810	2649793	2619455	1.11	cps
Lithium	6-1	1848926	1869829	1866422	1861725	0.60	cps
Magnesium	24-2	4889231	4880500	4807588	4859106	0.92	cps
Manganese	55-2	2986705	2984306	2945381	2972131	0.78	cps
Molybdenum	94-1	273777	278552	280285	277538	1.21	cps
Molybdenum	95-1	1573	1747	1763	1695	6.21	cps
Molybdenum	96-1	49537	50998	51417	50651	1.95	cps
Molybdenum	97-1	960	1050	1097	1036	6.71	cps
Molybdenum	98-1	2727	2620	2534	2627	3.69	cps
Neodymium	150-1	250586	251718	254586	252296	0.82	cps
Neodymium	150-2	135446	135443	134329	135072	0.48	cps
Nickel	60-2	183754	181233	182158	182381	0.70	cps
Phosphorus	31-2	29181	28784	28269	28745	1.59	cps
Potassium	39-2	1192434	1177468	1171770	1180557	0.90	cps
Rhodium	103-1	8559574	8758780	8694074	8670809	1.17	cps
Rhodium	103-2	4819875	4796610	4779942	4798809	0.42	cps
Scandium	45-1	5004147	5050085	5001400	5018544	0.54	cps
Scandium	45-2	411692	408854	407098	409215	0.57	cps
Selenium	82-1	529	540	595	555	6.40	cps
Selenium	77-2	220	237	223	227	3.89	cps
Selenium	78-2	293	347	320	320	8.33	cps
Silicon	28-1	17256261	17576548	17616584	17483131	1.13	cps
Silver	107-1	12652	12465	12759	12626	1.18	cps
Silver	109-1	11508	11768	11892	11723	1.67	cps
Sodium	23-2	116788	115089	115415	115764	0.78	cps
Strontium	86-1	597127	604274	607884	603095	0.91	cps
Strontium	88-1	5181663	5333712	5237843	5251073	1.46	cps
Sulfur	34-1	115996	116711	117524	116744	0.66	cps
Terbium	159-1	13998535	14211898	14214884	14141772	0.88	cps
Terbium	159-2	8883342	8810694	8859345	8851127	0.42	cps
Thallium	203-1	1793	2030	2124	1982	8.58	cps
Thallium	205-1	4718	4874	4854	4815	1.77	cps
Tin	118-1	15856	16173	16800	16276	2.95	cps
Titanium	47-1	1585718	1598717	1651211	1611882	2.15	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-13	Instrumnet Name :	P7
Client Sample ID :	MYD392	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:32:19	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40097	41528	42187	41270	2.59	cps
Vanadium	51-2	229989	226568	226655	227737	0.86	cps
Yttrium	89-1	11002611	11099412	11007665	11036563	0.49	cps
Yttrium	89-2	2575879	2523142	2539607	2546209	1.06	cps
Zinc	66-2	154657	153482	155250	154463	0.58	cps
Zirconium	90-1	737792	747527	757737	747685	1.33	cps
Zirconium	91-1	163280	169831	168265	167125	2.05	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-14	Instrumnet Name :	P7
Client Sample ID :	MYD393	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:35:29	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5475661	5487264	5507623	5490183	0.29	cps
Antimony	121-1	13767	14014	14457	14079	2.49	cps
Arsenic	75-2	23993	24600	23428	24007	2.44	cps
Barium	135-1	1460250	1491321	1509907	1487159	1.69	cps
Barium	137-1	2702339	2749673	2725942	2725985	0.87	cps
Beryllium	9-1	2140	2110	2287	2179	4.34	cps
Bismuth	209-1	8505656	8623077	8577249	8568661	0.69	cps
Bismuth	209-2	6537653	6499983	6538069	6525235	0.34	cps
Bromine	81-1	9296	9396	9433	9375	0.75	cps
Bromine	81-2	483	530	533	516	5.42	cps
Cadmium	108-1	993	1030	930	984	5.14	cps
Cadmium	106-1	4247	4341	4134	4241	2.44	cps
Cadmium	111-1	13572	14199	13424	13732	3.00	cps
Calcium	43-1	600308	608929	612479	607239	1.03	cps
Calcium	44-1	8995558	9083590	9151738	9076962	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	230592	232260	227675	230176	1.01	cps
Cobalt	59-2	144343	143047	142387	143259	0.69	cps
Copper	63-2	2163252	2159899	2177271	2166807	0.43	cps
Dysprosium	156-1	53665	54562	55415	54548	1.60	cps
Dysprosium	156-2	42293	42668	41929	42297	0.87	cps
Erbium	164-1	41150	42006	42137	41764	1.28	cps
Erbium	164-2	28025	27527	27594	27715	0.97	cps
Gadolinium	160-1	48259	49895	49755	49303	1.84	cps
Gadolinium	160-2	33420	33163	33320	33301	0.39	cps
Holmium	165-1	13680543	13769471	13726084	13725366	0.32	cps
Holmium	165-2	9051379	8915345	9043106	9003277	0.85	cps
Indium	115-1	9773980	9871125	10007634	9884246	1.19	cps
Indium	115-2	3101489	3048334	3060701	3070175	0.91	cps
Iron	56-2	175514877	176243577	175128164	175628873	0.32	cps
Iron	57-2	4352587	4333879	4342420	4342962	0.22	cps
Iron	54-2	9522653	9555377	9468099	9515376	0.46	cps
Krypton	83-1	100	123	133	119	14.39	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-14	Instrumnet Name :	P7
Client Sample ID :	MYD393	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:35:29	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	817186	832610	838687	829495	1.34	cps
Lead	207-1	725567	731936	743420	733641	1.23	cps
Lead	208-1	3438830	3504191	3508855	3483959	1.12	cps
Lithium	6-1	1822001	1872325	1878196	1857508	1.66	cps
Magnesium	24-2	4074761	4057662	4110742	4081055	0.66	cps
Manganese	55-2	8133287	8064043	8016529	8071286	0.73	cps
Molybdenum	94-1	55652	55692	55290	55545	0.40	cps
Molybdenum	95-1	6161	6325	6401	6296	1.95	cps
Molybdenum	96-1	18045	18268	18308	18207	0.78	cps
Molybdenum	97-1	3544	4084	3841	3823	7.08	cps
Molybdenum	98-1	9657	9510	9323	9497	1.76	cps
Neodymium	150-1	100921	102331	101599	101617	0.69	cps
Neodymium	150-2	55997	55187	55188	55457	0.84	cps
Nickel	60-2	87426	87453	87215	87364	0.15	cps
Phosphorus	31-2	35925	36350	35237	35837	1.57	cps
Potassium	39-2	2215573	2226465	2196515	2212851	0.69	cps
Rhodium	103-1	8571241	8692232	8686108	8649860	0.79	cps
Rhodium	103-2	4762853	4838385	4840648	4813962	0.92	cps
Scandium	45-1	4870061	4983939	4951342	4935114	1.19	cps
Scandium	45-2	401658	401289	400300	401082	0.18	cps
Selenium	82-1	544	551	480	525	7.43	cps
Selenium	77-2	110	127	103	113	10.61	cps
Selenium	78-2	223	240	233	232	3.61	cps
Silicon	28-1	18591821	19069746	19067840	18909802	1.46	cps
Silver	107-1	8716	8983	9023	8907	1.87	cps
Silver	109-1	8256	8693	8526	8491	2.60	cps
Sodium	23-2	99908	100589	100753	100417	0.45	cps
Strontium	86-1	813215	833038	839281	828511	1.64	cps
Strontium	88-1	7232910	7220010	7351275	7268065	1.00	cps
Sulfur	34-1	138642	140815	142174	140544	1.27	cps
Terbium	159-1	14014308	14069193	14256719	14113406	0.90	cps
Terbium	159-2	8765122	8867720	8756316	8796386	0.70	cps
Thallium	203-1	2607	2767	2790	2721	3.67	cps
Thallium	205-1	6181	6308	6655	6382	3.84	cps
Tin	118-1	33445	34020	33940	33802	0.92	cps
Titanium	47-1	644761	652775	658952	652163	1.09	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-14	Instrumnet Name :	P7
Client Sample ID :	MYD393	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:35:29	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25431	26112	25882	25808	1.34	cps
Vanadium	51-2	313403	312894	309588	311961	0.66	cps
Yttrium	89-1	10732927	10765303	10849389	10782539	0.56	cps
Yttrium	89-2	2477089	2462792	2494483	2478121	0.64	cps
Zinc	66-2	307190	305761	304848	305933	0.39	cps
Zirconium	90-1	139081	142103	143207	141463	1.51	cps
Zirconium	91-1	31414	32102	32696	32071	2.00	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-15	Instrumnet Name :	P7
Client Sample ID :	MYD394	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:38:35	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8116396	7986235	8123763	8075465	0.96	cps
Antimony	121-1	14564	15115	15335	15005	2.65	cps
Arsenic	75-2	23282	23669	23305	23419	0.93	cps
Barium	135-1	1873809	1895849	1902751	1890803	0.80	cps
Barium	137-1	3266752	3294943	3316500	3292732	0.76	cps
Beryllium	9-1	3277	3127	3047	3150	3.71	cps
Bismuth	209-1	8614232	8678104	8712340	8668225	0.57	cps
Bismuth	209-2	6566498	6433551	6505061	6501703	1.02	cps
Bromine	81-1	8179	8486	8296	8320	1.86	cps
Bromine	81-2	370	300	380	350	12.45	cps
Cadmium	108-1	860	910	920	897	3.58	cps
Cadmium	106-1	4404	4561	4267	4411	3.33	cps
Cadmium	111-1	11690	12002	11900	11864	1.34	cps
Calcium	43-1	912073	926065	927218	921785	0.91	cps
Calcium	44-1	13699246	13852791	13869879	13807305	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	326197	325285	323514	324999	0.42	cps
Cobalt	59-2	168851	169077	168820	168916	0.08	cps
Copper	63-2	2440963	2364228	2420194	2408461	1.65	cps
Dysprosium	156-1	65683	67297	67461	66813	1.47	cps
Dysprosium	156-2	51303	50403	50929	50878	0.89	cps
Erbium	164-1	49645	50889	51270	50601	1.68	cps
Erbium	164-2	32558	32732	32702	32664	0.28	cps
Gadolinium	160-1	58197	58783	59847	58942	1.42	cps
Gadolinium	160-2	40391	39910	40345	40215	0.66	cps
Holmium	165-1	13625241	13701360	13612716	13646439	0.35	cps
Holmium	165-2	8911438	8961993	8879450	8917627	0.47	cps
Indium	115-1	9826793	9825830	9824714	9825779	0.01	cps
Indium	115-2	3065214	3041530	3037071	3047939	0.50	cps
Iron	56-2	179920051	179529151	179933224	179794142	0.13	cps
Iron	57-2	4438825	4438503	4398834	4425387	0.52	cps
Iron	54-2	9702608	9630392	9681781	9671594	0.38	cps
Krypton	83-1	167	140	143	150	9.69	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-15	Instrumnet Name :	P7
Client Sample ID :	MYD394	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:38:35	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	914498	924908	932131	923846	0.96	cps
Lead	207-1	797981	814760	822333	811691	1.54	cps
Lead	208-1	3826296	3903280	3918166	3882580	1.27	cps
Lithium	6-1	1830401	1869154	1849333	1849629	1.05	cps
Magnesium	24-2	5779243	5770198	5729142	5759528	0.46	cps
Manganese	55-2	9554850	9612548	9553689	9573695	0.35	cps
Molybdenum	94-1	95602	99421	98891	97972	2.11	cps
Molybdenum	95-1	6211	6652	6722	6528	4.24	cps
Molybdenum	96-1	24681	25122	25289	25030	1.25	cps
Molybdenum	97-1	4017	4034	4044	4032	0.33	cps
Molybdenum	98-1	9953	9907	10364	10075	2.50	cps
Neodymium	150-1	123559	124470	125835	124621	0.92	cps
Neodymium	150-2	67477	66837	67042	67119	0.49	cps
Nickel	60-2	120465	121053	119003	120174	0.88	cps
Phosphorus	31-2	19052	19583	18712	19115	2.30	cps
Potassium	39-2	2504071	2507743	2478751	2496855	0.63	cps
Rhodium	103-1	8415582	8535958	8468041	8473194	0.71	cps
Rhodium	103-2	4753432	4645793	4691796	4697007	1.15	cps
Scandium	45-1	4876003	4909300	4898159	4894488	0.35	cps
Scandium	45-2	400278	396881	399463	398874	0.44	cps
Selenium	82-1	427	522	512	487	10.69	cps
Selenium	77-2	157	150	150	152	2.53	cps
Selenium	78-2	190	237	240	222	12.58	cps
Silicon	28-1	15315068	15629317	15684578	15542988	1.28	cps
Silver	107-1	11211	10954	11355	11173	1.82	cps
Silver	109-1	10527	10731	10717	10658	1.07	cps
Sodium	23-2	92542	93018	92958	92839	0.28	cps
Strontium	86-1	583278	593245	591732	589418	0.91	cps
Strontium	88-1	5130919	5249686	5144624	5175076	1.26	cps
Sulfur	34-1	117387	119449	118062	118299	0.89	cps
Terbium	159-1	13941941	13977205	14196238	14038461	0.98	cps
Terbium	159-2	8778078	8702539	8745444	8742020	0.43	cps
Thallium	203-1	3874	3991	4087	3984	2.68	cps
Thallium	205-1	9473	9427	10141	9680	4.13	cps
Tin	118-1	65906	66329	66981	66405	0.82	cps
Titanium	47-1	877292	888612	893788	886564	0.95	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-15	Instrumnet Name :	P7
Client Sample ID :	MYD394	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:38:35	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29078	29289	30084	29484	1.80	cps
Vanadium	51-2	336158	336376	334874	335803	0.24	cps
Yttrium	89-1	10769525	10830609	10773535	10791223	0.32	cps
Yttrium	89-2	2469916	2480480	2496325	2482240	0.54	cps
Zinc	66-2	332280	328070	328650	329667	0.69	cps
Zirconium	90-1	252271	256286	255760	254772	0.86	cps
Zirconium	91-1	55943	57746	57492	57060	1.71	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-16	Instrumnet Name :	P7
Client Sample ID :	MYD395	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:41:43	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7696417	7702831	7766958	7722069	0.51	cps
Antimony	121-1	21376	21716	21616	21570	0.81	cps
Arsenic	75-2	51649	51559	52248	51819	0.72	cps
Barium	135-1	1618128	1664100	1686833	1656354	2.11	cps
Barium	137-1	2840914	2895802	2874484	2870400	0.96	cps
Beryllium	9-1	3194	3180	3144	3173	0.82	cps
Bismuth	209-1	8408339	8575585	8526531	8503485	1.01	cps
Bismuth	209-2	6481190	6428639	6391615	6433815	0.70	cps
Bromine	81-1	8903	8783	9763	9150	5.85	cps
Bromine	81-2	657	590	620	622	5.37	cps
Cadmium	108-1	1920	1780	1907	1869	4.13	cps
Cadmium	106-1	5925	5951	5988	5955	0.53	cps
Cadmium	111-1	21622	22032	21899	21851	0.96	cps
Calcium	43-1	2473774	2482865	2511191	2489277	0.78	cps
Calcium	44-1	39329661	39724935	40217569	39757388	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	288868	288813	289515	289066	0.14	cps
Cobalt	59-2	218669	218179	219130	218660	0.22	cps
Copper	63-2	4846155	4818485	4822179	4828940	0.31	cps
Dysprosium	156-1	104543	106030	107215	105929	1.26	cps
Dysprosium	156-2	84536	85162	86370	85356	1.09	cps
Erbium	164-1	62596	62121	63148	62622	0.82	cps
Erbium	164-2	40662	40408	40365	40478	0.40	cps
Gadolinium	160-1	83158	84667	86230	84685	1.81	cps
Gadolinium	160-2	57189	58327	57547	57688	1.01	cps
Holmium	165-1	13374334	13613098	13551658	13513030	0.92	cps
Holmium	165-2	8839227	8802759	8891459	8844482	0.50	cps
Indium	115-1	9463520	9549523	9656123	9556389	1.01	cps
Indium	115-2	3028724	2962174	2954938	2981945	1.36	cps
Iron	56-2	164501708	165306831	165465814	165091451	0.31	cps
Iron	57-2	4104866	4123573	4126517	4118319	0.29	cps
Iron	54-2	8973662	8889656	8906481	8923266	0.50	cps
Krypton	83-1	163	193	93	150	34.21	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-16	Instrumnet Name :	P7
Client Sample ID :	MYD395	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:41:43	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2511453	2541478	2551307	2534746	0.82	cps
Lead	207-1	2253258	2271164	2284296	2269573	0.69	cps
Lead	208-1	10018858	10197200	10221393	10145817	1.09	cps
Lithium	6-1	1763257	1778160	1802770	1781395	1.12	cps
Magnesium	24-2	5946277	5890009	5941137	5925808	0.52	cps
Manganese	55-2	3778880	3849207	3792917	3807001	0.98	cps
Molybdenum	94-1	206210	209249	212239	209233	1.44	cps
Molybdenum	95-1	4087	3687	4131	3968	6.16	cps
Molybdenum	96-1	40539	40690	41529	40919	1.30	cps
Molybdenum	97-1	2417	2400	2510	2442	2.43	cps
Molybdenum	98-1	5955	6165	6395	6171	3.57	cps
Neodymium	150-1	235021	242163	242444	239876	1.75	cps
Neodymium	150-2	129891	128852	129393	129379	0.40	cps
Nickel	60-2	182627	183238	183916	183260	0.35	cps
Phosphorus	31-2	33717	32481	32247	32815	2.41	cps
Potassium	39-2	2086191	2069751	2106018	2087320	0.87	cps
Rhodium	103-1	8047383	8202200	8219938	8156507	1.16	cps
Rhodium	103-2	4573402	4576210	4596632	4582081	0.28	cps
Scandium	45-1	4712880	4752273	4779671	4748275	0.71	cps
Scandium	45-2	394060	390608	393383	392684	0.47	cps
Selenium	82-1	764	740	851	785	7.45	cps
Selenium	77-2	193	253	263	237	16.00	cps
Selenium	78-2	367	373	350	363	3.31	cps
Silicon	28-1	15830043	16125120	16266546	16073903	1.39	cps
Silver	107-1	38287	39814	39951	39351	2.35	cps
Silver	109-1	36817	37408	37749	37325	1.26	cps
Sodium	23-2	132810	134689	135567	134355	1.05	cps
Strontium	86-1	674285	690646	692789	685907	1.48	cps
Strontium	88-1	5961600	6078304	6118715	6052873	1.35	cps
Sulfur	34-1	138821	137246	138528	138198	0.61	cps
Terbium	159-1	13780234	14076046	13832659	13896313	1.14	cps
Terbium	159-2	8594815	8549957	8607865	8584212	0.35	cps
Thallium	203-1	3280	3367	3527	3392	3.69	cps
Thallium	205-1	7846	7919	8466	8077	4.20	cps
Tin	118-1	57012	58568	58936	58172	1.76	cps
Titanium	47-1	1465950	1508656	1550913	1508506	2.82	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-16	Instrumnet Name :	P7
Client Sample ID :	MYD395	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:41:43	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43300	44367	44695	44120	1.65	cps
Vanadium	51-2	267613	266462	269991	268022	0.67	cps
Yttrium	89-1	10446517	10624698	10752767	10607994	1.45	cps
Yttrium	89-2	2415386	2422167	2459320	2432291	0.97	cps
Zinc	66-2	457879	456982	456010	456957	0.20	cps
Zirconium	90-1	552004	558141	565608	558584	1.22	cps
Zirconium	91-1	124892	126164	125995	125684	0.55	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-17	Instrumnet Name :	P7
Client Sample ID :	MYD396	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:44:46	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7345236	7345154	7307078	7332489	0.30	cps
Antimony	121-1	10054	10097	9797	9982	1.63	cps
Arsenic	75-2	19747	19763	19593	19701	0.48	cps
Barium	135-1	1761170	1771200	1762180	1764850	0.31	cps
Barium	137-1	3020595	3040475	3050719	3037263	0.50	cps
Beryllium	9-1	2694	2697	2740	2710	0.96	cps
Bismuth	209-1	8612630	8951553	9268645	8944276	3.67	cps
Bismuth	209-2	6421480	6521627	6567601	6503570	1.15	cps
Bromine	81-1	9753	9680	9977	9803	1.58	cps
Bromine	81-2	623	607	613	614	1.36	cps
Cadmium	108-1	693	740	723	719	3.29	cps
Cadmium	106-1	3994	4411	4171	4192	4.99	cps
Cadmium	111-1	9466	9881	9492	9613	2.42	cps
Calcium	43-1	779667	791514	790105	787095	0.82	cps
Calcium	44-1	11812070	12020040	11953675	11928595	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	286721	286249	283790	285587	0.55	cps
Cobalt	59-2	166266	165079	164389	165245	0.57	cps
Copper	63-2	1620830	1657508	1654217	1644185	1.23	cps
Dysprosium	156-1	66533	66309	66108	66317	0.32	cps
Dysprosium	156-2	50948	51343	50868	51053	0.50	cps
Erbium	164-1	49969	50625	51080	50558	1.10	cps
Erbium	164-2	32618	32281	32297	32399	0.59	cps
Gadolinium	160-1	58605	59867	59476	59316	1.09	cps
Gadolinium	160-2	40147	39870	40572	40196	0.88	cps
Holmium	165-1	13620170	14503893	15017526	14380530	4.91	cps
Holmium	165-2	9055115	9163908	9146904	9121976	0.64	cps
Indium	115-1	9945053	10353783	10729533	10342789	3.79	cps
Indium	115-2	3129371	3130304	3122959	3127544	0.13	cps
Iron	56-2	174001124	173662637	172560204	173407989	0.43	cps
Iron	57-2	4275687	4285086	4280578	4280450	0.11	cps
Iron	54-2	9451959	9423784	9374144	9416629	0.42	cps
Krypton	83-1	137	163	167	156	10.57	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-17	Instrumnet Name :	P7
Client Sample ID :	MYD396	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:44:46	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	671616	679239	677744	676200	0.60	cps
Lead	207-1	588638	593205	594723	592189	0.53	cps
Lead	208-1	2671953	2701903	2699413	2691090	0.62	cps
Lithium	6-1	1856650	1905142	1960158	1907317	2.72	cps
Magnesium	24-2	6129240	6120925	6142370	6130845	0.18	cps
Manganese	55-2	7212576	7097984	7139091	7149884	0.81	cps
Molybdenum	94-1	85048	85762	86667	85826	0.95	cps
Molybdenum	95-1	4984	5391	5204	5193	3.92	cps
Molybdenum	96-1	22244	22180	21513	21979	1.84	cps
Molybdenum	97-1	3080	3144	3080	3101	1.18	cps
Molybdenum	98-1	7449	7972	7952	7791	3.81	cps
Neodymium	150-1	123932	127298	126854	126028	1.45	cps
Neodymium	150-2	67658	66814	67088	67187	0.64	cps
Nickel	60-2	112276	111332	110882	111497	0.64	cps
Phosphorus	31-2	21465	21088	21946	21500	2.00	cps
Potassium	39-2	3118630	3134327	3131506	3128155	0.27	cps
Rhodium	103-1	8572224	8964354	9300078	8945552	4.07	cps
Rhodium	103-2	4826349	4807225	4803154	4812243	0.26	cps
Scandium	45-1	5010341	5193462	5353965	5185923	3.32	cps
Scandium	45-2	412050	409935	411748	411244	0.28	cps
Selenium	82-1	492	532	515	513	3.92	cps
Selenium	77-2	153	137	120	137	12.20	cps
Selenium	78-2	253	233	270	252	7.28	cps
Silicon	28-1	17538206	17896823	17906596	17780542	1.18	cps
Silver	107-1	10444	10607	10547	10533	0.79	cps
Silver	109-1	9883	9833	9977	9898	0.74	cps
Sodium	23-2	132927	133404	131670	132667	0.68	cps
Strontium	86-1	531512	546470	540433	539472	1.39	cps
Strontium	88-1	4675645	4784565	4706998	4722403	1.19	cps
Sulfur	34-1	127446	127500	126939	127295	0.24	cps
Terbium	159-1	14123158	14770532	15250585	14714759	3.84	cps
Terbium	159-2	8950245	8949099	8800066	8899803	0.97	cps
Thallium	203-1	3480	3400	3520	3467	1.76	cps
Thallium	205-1	8233	8153	8226	8204	0.54	cps
Tin	118-1	77943	78693	79534	78723	1.01	cps
Titanium	47-1	771802	784940	784144	780295	0.94	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-17	Instrumnet Name :	P7
Client Sample ID :	MYD396	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:44:46	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28073	27575	28053	27900	1.01	cps
Vanadium	51-2	329618	330636	328917	329723	0.26	cps
Yttrium	89-1	10911352	11427947	11855515	11398271	4.15	cps
Yttrium	89-2	2549372	2581568	2526419	2552453	1.09	cps
Zinc	66-2	252212	249341	248175	249909	0.83	cps
Zirconium	90-1	222328	223190	226235	223917	0.92	cps
Zirconium	91-1	49610	50623	50152	50129	1.01	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-18	Instrumnet Name :	P7
Client Sample ID :	MYD397	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:47:55	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6450819	6304235	6370255	6375103	1.15	cps
Antimony	121-1	8312	8546	8436	8431	1.39	cps
Arsenic	75-2	20791	20568	20785	20715	0.61	cps
Barium	135-1	1337583	1349998	1349248	1345610	0.52	cps
Barium	137-1	2422665	2428876	2426278	2425940	0.13	cps
Beryllium	9-1	2177	1913	2033	2041	6.46	cps
Bismuth	209-1	8429942	8588301	8479371	8499205	0.95	cps
Bismuth	209-2	6420294	6427453	6486476	6444741	0.56	cps
Bromine	81-1	9700	10000	10180	9960	2.44	cps
Bromine	81-2	683	673	657	671	2.01	cps
Cadmium	108-1	440	413	410	421	3.90	cps
Cadmium	106-1	3497	3520	3607	3542	1.64	cps
Cadmium	111-1	6757	6779	7015	6851	2.09	cps
Calcium	43-1	333169	333940	336154	334421	0.46	cps
Calcium	44-1	4986059	5047453	5070012	5034508	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231763	233556	231596	232305	0.47	cps
Cobalt	59-2	171908	169725	171891	171175	0.73	cps
Copper	63-2	1006454	1006952	1004645	1006017	0.12	cps
Dysprosium	156-1	63218	64112	64547	63959	1.06	cps
Dysprosium	156-2	48543	48948	48952	48814	0.48	cps
Erbium	164-1	47815	48266	48353	48145	0.60	cps
Erbium	164-2	31262	31318	31836	31472	1.01	cps
Gadolinium	160-1	56229	56072	57758	56686	1.64	cps
Gadolinium	160-2	38864	38730	38663	38752	0.26	cps
Holmium	165-1	13645791	13812268	13763829	13740629	0.62	cps
Holmium	165-2	8915098	8916775	9003588	8945154	0.57	cps
Indium	115-1	9829168	9819174	9991073	9879805	0.98	cps
Indium	115-2	3017358	3054422	3065559	3045780	0.83	cps
Iron	56-2	195351117	193860064	193493850	194235010	0.51	cps
Iron	57-2	4815535	4794190	4787290	4799005	0.31	cps
Iron	54-2	10454952	10491600	10600266	10515606	0.72	cps
Krypton	83-1	167	177	127	157	16.89	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-18	Instrumnet Name :	P7
Client Sample ID :	MYD397	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:47:55	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	317217	324746	324853	322272	1.36	cps
Lead	207-1	280230	281008	286370	282536	1.18	cps
Lead	208-1	1266587	1280578	1290455	1279207	0.94	cps
Lithium	6-1	1837687	1836905	1861697	1845429	0.76	cps
Magnesium	24-2	4809748	4821772	4808993	4813504	0.15	cps
Manganese	55-2	5364452	5310035	5269547	5314678	0.90	cps
Molybdenum	94-1	38116	38999	39580	38898	1.89	cps
Molybdenum	95-1	3577	3337	3684	3533	5.03	cps
Molybdenum	96-1	12889	12796	13229	12971	1.76	cps
Molybdenum	97-1	2137	1990	2197	2108	5.04	cps
Molybdenum	98-1	5121	5301	5404	5275	2.72	cps
Neodymium	150-1	121336	121061	121847	121415	0.33	cps
Neodymium	150-2	65360	66124	65816	65767	0.58	cps
Nickel	60-2	100403	100061	100671	100378	0.31	cps
Phosphorus	31-2	13599	13436	13659	13565	0.85	cps
Potassium	39-2	1282444	1257910	1237115	1259157	1.80	cps
Rhodium	103-1	8598120	8692038	8644299	8644819	0.54	cps
Rhodium	103-2	4726693	4779732	4819927	4775451	0.98	cps
Scandium	45-1	4881483	4937861	4967360	4928901	0.89	cps
Scandium	45-2	400103	397447	403290	400280	0.73	cps
Selenium	82-1	375	449	518	447	15.92	cps
Selenium	77-2	120	137	123	127	6.96	cps
Selenium	78-2	230	263	223	239	8.97	cps
Silicon	28-1	14077672	14311275	14232336	14207095	0.84	cps
Silver	107-1	4231	4171	4047	4150	2.25	cps
Silver	109-1	3881	4101	4094	4025	3.11	cps
Sodium	23-2	91469	91385	91449	91435	0.05	cps
Strontium	86-1	342332	340973	341002	341436	0.23	cps
Strontium	88-1	2984155	3027770	3049309	3020411	1.10	cps
Sulfur	34-1	105309	104044	105524	104959	0.76	cps
Terbium	159-1	14234017	13995606	14028240	14085954	0.92	cps
Terbium	159-2	8820777	8697412	8852041	8790077	0.93	cps
Thallium	203-1	2134	2264	2284	2227	3.66	cps
Thallium	205-1	5328	5458	5361	5382	1.26	cps
Tin	118-1	15382	15338	15665	15462	1.15	cps
Titanium	47-1	697031	702324	705599	701651	0.62	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-18	Instrumnet Name :	P7
Client Sample ID :	MYD397	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:47:55	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24359	24793	25565	24906	2.45	cps
Vanadium	51-2	373209	372632	373767	373203	0.15	cps
Yttrium	89-1	10800662	10990678	10906234	10899191	0.87	cps
Yttrium	89-2	2451544	2491663	2514486	2485897	1.28	cps
Zinc	66-2	138047	136301	136930	137093	0.64	cps
Zirconium	90-1	99319	101846	100263	100476	1.27	cps
Zirconium	91-1	22320	22824	22911	22685	1.41	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:51:02	DataFile Name :	135CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4936048	4892511	4912653	4913737	0.44	cps
Antimony	121-1	2839382	2860386	2830439	2843402	0.54	cps
Arsenic	75-2	116421	118555	118619	117865	1.06	cps
Barium	135-1	3969040	4011454	4027742	4002745	0.76	cps
Barium	137-1	6840889	6929827	6910702	6893806	0.68	cps
Beryllium	9-1	410366	409273	412333	410657	0.38	cps
Bismuth	209-1	7684144	7721169	7717381	7707564	0.26	cps
Bismuth	209-2	5838911	5833146	5939329	5870462	1.02	cps
Bromine	81-1	6205	6068	5851	6041	2.95	cps
Bromine	81-2	50	60	73	61	19.15	cps
Cadmium	108-1	51899	51471	52354	51908	0.85	cps
Cadmium	106-1	74992	74939	75381	75104	0.32	cps
Cadmium	111-1	686800	687052	687765	687206	0.07	cps
Calcium	43-1	3224333	3263317	3224927	3237525	0.69	cps
Calcium	44-1	51574476	51195899	51471168	51413848	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	874231	880345	885371	879982	0.63	cps
Cobalt	59-2	1349463	1361403	1362315	1357727	0.53	cps
Copper	63-2	9562500	9624199	9629112	9605270	0.39	cps
Dysprosium	156-1	293	317	257	289	10.47	cps
Dysprosium	156-2	290	227	257	258	12.29	cps
Erbium	164-1	250	173	177	200	21.67	cps
Erbium	164-2	100	160	143	134	23.04	cps
Gadolinium	160-1	147	147	183	159	13.32	cps
Gadolinium	160-2	427	483	430	447	7.12	cps
Holmium	165-1	12812909	12801852	12876427	12830396	0.31	cps
Holmium	165-2	8515995	8556561	8593581	8555379	0.45	cps
Indium	115-1	8794088	8699039	8792761	8761963	0.62	cps
Indium	115-2	2780596	2773927	2822952	2792492	0.95	cps
Iron	56-2	193610877	195795990	197363810	195590226	0.96	cps
Iron	57-2	4796935	4882453	4862089	4847159	0.92	cps
Iron	54-2	10523547	10573902	10537908	10545119	0.25	cps
Krypton	83-1	103	133	83	107	23.60	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:51:02	DataFile Name :	135CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12338923	12444622	12559469	12447671	0.89	cps
Lead	207-1	10877765	10979327	10981215	10946102	0.54	cps
Lead	208-1	49326434	49991539	49661313	49659762	0.67	cps
Lithium	6-1	1618993	1608900	1610453	1612782	0.34	cps
Magnesium	24-2	39364079	39507807	39730234	39534040	0.47	cps
Manganese	55-2	6906333	6955518	6966492	6942781	0.46	cps
Molybdenum	94-1	9650357	9611016	9738898	9666757	0.68	cps
Molybdenum	95-1	14089663	14089024	14056556	14078414	0.13	cps
Molybdenum	96-1	15411541	15278915	15379357	15356604	0.45	cps
Molybdenum	97-1	8823239	8846544	8879056	8849613	0.32	cps
Molybdenum	98-1	23067551	22838609	22871132	22925764	0.54	cps
Neodymium	150-1	273	267	280	273	2.44	cps
Neodymium	150-2	100	83	67	83	20.00	cps
Nickel	60-2	330877	332349	332810	332012	0.30	cps
Phosphorus	31-2	47731	47848	48176	47918	0.48	cps
Potassium	39-2	24274139	24557884	24595812	24475945	0.72	cps
Rhodium	103-1	7470994	7334634	7346372	7384000	1.02	cps
Rhodium	103-2	4138251	4102916	4145796	4128988	0.55	cps
Scandium	45-1	4235745	4165101	4164877	4188574	0.98	cps
Scandium	45-2	349310	349719	353008	350679	0.58	cps
Selenium	82-1	38083	37685	37655	37807	0.63	cps
Selenium	77-2	3260	3447	3260	3323	3.24	cps
Selenium	78-2	10954	11061	11081	11032	0.62	cps
Silicon	28-1	4152118	4116775	4165943	4144945	0.61	cps
Silver	107-1	3214370	3209543	3209414	3211109	0.09	cps
Silver	109-1	3092609	3112161	3085402	3096724	0.45	cps
Sodium	23-2	66459401	66763324	67575084	66932603	0.86	cps
Strontium	86-1	21715925	21612390	21957937	21762084	0.81	cps
Strontium	88-1	191401530	190923770	191072704	191132668	0.13	cps
Sulfur	34-1	283393	278723	281045	281053	0.83	cps
Terbium	159-1	13156574	13086611	13242892	13162026	0.59	cps
Terbium	159-2	8324351	8225678	8334660	8294896	0.73	cps
Thallium	203-1	3113351	3100774	3118911	3111012	0.30	cps
Thallium	205-1	7373540	7345209	7429931	7382893	0.58	cps
Tin	118-1	2400606	2466616	2430502	2432574	1.36	cps
Titanium	47-1	3025321	3040254	3061039	3042205	0.59	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P7
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:51:02	DataFile Name :	135CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10463420	10633505	10753035	10616654	1.37	cps
Vanadium	51-2	793651	796352	796435	795480	0.20	cps
Yttrium	89-1	9282848	9148128	9211755	9214244	0.73	cps
Yttrium	89-2	2160308	2166519	2162803	2163210	0.14	cps
Zinc	66-2	1637822	1620893	1634617	1631111	0.55	cps
Zirconium	90-1	4613454	4554200	4630923	4599525	0.87	cps
Zirconium	91-1	1026704	1031562	1034352	1030873	0.38	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:53:51	DataFile Name :	136CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	207	140	182	20.15	cps
Antimony	121-1	2140	2264	2194	2199	2.81	cps
Arsenic	75-2	10	3	10	8	49.52	cps
Barium	135-1	207	147	113	156	30.40	cps
Barium	137-1	353	303	250	302	17.10	cps
Beryllium	9-1	143	127	113	128	11.77	cps
Bismuth	209-1	9085041	9116613	8973135	9058263	0.83	cps
Bismuth	209-2	6701172	6784712	6621400	6702428	1.22	cps
Bromine	81-1	6448	6498	6582	6509	1.04	cps
Bromine	81-2	47	60	53	53	12.50	cps
Cadmium	108-1	13	10	10	11	17.30	cps
Cadmium	106-1	2870	2750	2550	2724	5.94	cps
Cadmium	111-1	2073	1982	1815	1957	6.69	cps
Calcium	43-1	213	193	193	200	5.77	cps
Calcium	44-1	3621	3504	3124	3416	7.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	307	310	327	314	3.41	cps
Cobalt	59-2	127	107	90	108	17.03	cps
Copper	63-2	860	770	743	791	7.73	cps
Dysprosium	156-1	40	83	57	60	36.43	cps
Dysprosium	156-2	13	20	30	21	39.75	cps
Erbium	164-1	97	77	73	82	15.35	cps
Erbium	164-2	70	57	50	59	17.29	cps
Gadolinium	160-1	27	40	63	43	42.82	cps
Gadolinium	160-2	437	353	380	390	10.91	cps
Holmium	165-1	13868523	13740782	13528744	13712683	1.25	cps
Holmium	165-2	8915956	8897788	8833355	8882367	0.49	cps
Indium	115-1	9956734	10107886	9873918	9979513	1.19	cps
Indium	115-2	3121154	3132603	3131531	3128429	0.20	cps
Iron	56-2	14170	13703	14214	14029	2.02	cps
Iron	57-2	623	623	717	654	8.23	cps
Iron	54-2	1237	1270	1207	1238	2.56	cps
Krypton	83-1	103	97	60	87	26.92	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:53:51	DataFile Name :	136CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	980	987	910	959	4.43	cps
Lead	207-1	883	780	847	837	6.26	cps
Lead	208-1	4030	3774	3697	3834	4.55	cps
Lithium	6-1	1839883	1814834	1817448	1824055	0.75	cps
Magnesium	24-2	1300	1253	1263	1272	1.93	cps
Manganese	55-2	570	537	513	540	5.27	cps
Molybdenum	94-1	790	773	817	793	2.76	cps
Molybdenum	95-1	713	760	667	713	6.54	cps
Molybdenum	96-1	883	773	903	853	8.20	cps
Molybdenum	97-1	503	500	467	490	4.14	cps
Molybdenum	98-1	1320	1070	1167	1186	10.63	cps
Neodymium	150-1	17	7	23	16	53.90	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	80	53	73	69	20.15	cps
Phosphorus	31-2	70	57	60	62	11.15	cps
Potassium	39-2	26366	26453	26693	26504	0.64	cps
Rhodium	103-1	8710005	8684319	8771588	8721970	0.51	cps
Rhodium	103-2	4835455	4838402	4869194	4847683	0.39	cps
Scandium	45-1	4599871	4616884	4614137	4610298	0.20	cps
Scandium	45-2	380650	378980	376363	378665	0.57	cps
Selenium	82-1	341	284	372	332	13.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	97	120	111	11.36	cps
Silicon	28-1	112052	112367	115051	113157	1.46	cps
Silver	107-1	467	347	353	389	17.34	cps
Silver	109-1	367	303	263	311	16.75	cps
Sodium	23-2	12839	12829	12265	12644	2.60	cps
Strontium	86-1	687	600	513	600	14.44	cps
Strontium	88-1	4821	3824	3394	4013	18.24	cps
Sulfur	34-1	110130	110875	112141	111049	0.92	cps
Terbium	159-1	14188427	14061701	14157576	14135901	0.47	cps
Terbium	159-2	8713429	8751039	8695347	8719939	0.33	cps
Thallium	203-1	497	483	343	441	19.26	cps
Thallium	205-1	1270	1223	1017	1170	11.52	cps
Tin	118-1	1013	1057	1197	1089	8.80	cps
Titanium	47-1	177	177	197	183	6.30	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P7
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:53:51	DataFile Name :	136CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	290	240	183	238	22.44	cps
Vanadium	51-2	17	30	13	20	44.10	cps
Yttrium	89-1	9981030	10004211	10083162	10022801	0.53	cps
Yttrium	89-2	2323932	2340592	2334186	2332903	0.36	cps
Zinc	66-2	343	300	330	324	6.84	cps
Zirconium	90-1	1227	1237	1097	1187	6.58	cps
Zirconium	91-1	253	243	230	242	4.83	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-19	Instrumnet Name :	P7
Client Sample ID :	MYD398	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:57:08	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8512053	8660054	8467713	8546607	1.18	cps
Antimony	121-1	21546	21703	22331	21860	1.90	cps
Arsenic	75-2	63174	62554	61018	62249	1.78	cps
Barium	135-1	2004140	2046522	2062664	2037775	1.48	cps
Barium	137-1	3479082	3460583	3526453	3488706	0.97	cps
Beryllium	9-1	3687	3654	3710	3684	0.77	cps
Bismuth	209-1	8834174	8920356	8990680	8915070	0.88	cps
Bismuth	209-2	6783276	6668414	6636322	6696004	1.15	cps
Bromine	81-1	8633	9126	9360	9040	4.11	cps
Bromine	81-2	493	447	560	500	11.39	cps
Cadmium	108-1	2037	2330	2147	2171	6.83	cps
Cadmium	106-1	6858	6995	6895	6916	1.02	cps
Cadmium	111-1	25369	25796	26132	25766	1.48	cps
Calcium	43-1	1689202	1731218	1751110	1723843	1.83	cps
Calcium	44-1	27080380	27649038	27830154	27519857	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	333241	331664	329719	331541	0.53	cps
Cobalt	59-2	210414	211698	210028	210713	0.41	cps
Copper	63-2	6229463	6242357	6204163	6225328	0.31	cps
Dysprosium	156-1	112247	114183	114024	113485	0.95	cps
Dysprosium	156-2	89717	90197	89965	89960	0.27	cps
Erbium	164-1	66809	68178	68507	67831	1.33	cps
Erbium	164-2	43444	43668	43096	43403	0.66	cps
Gadolinium	160-1	90030	92942	93597	92190	2.06	cps
Gadolinium	160-2	62057	61712	60958	61576	0.91	cps
Holmium	165-1	13967498	14081609	14003794	14017634	0.42	cps
Holmium	165-2	9154205	9031916	9117776	9101299	0.69	cps
Indium	115-1	9871865	10024933	10024359	9973719	0.88	cps
Indium	115-2	3118452	3097002	3101932	3105796	0.36	cps
Iron	56-2	186973397	186806517	185978497	186586137	0.29	cps
Iron	57-2	4669770	4670675	4565975	4635473	1.30	cps
Iron	54-2	10144211	10147634	10086249	10126031	0.34	cps
Krypton	83-1	170	163	153	162	5.17	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-19	Instrumnet Name :	P7
Client Sample ID :	MYD398	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:57:08	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3108513	3194262	3213877	3172217	1.77	cps
Lead	207-1	2833683	2857768	2874202	2855218	0.71	cps
Lead	208-1	12584919	12768011	12916150	12756360	1.30	cps
Lithium	6-1	1826480	1871714	1863540	1853911	1.30	cps
Magnesium	24-2	6581429	6602432	6518355	6567405	0.67	cps
Manganese	55-2	4664613	4617780	4628923	4637105	0.53	cps
Molybdenum	94-1	250074	253890	254593	252852	0.96	cps
Molybdenum	95-1	5261	5231	5498	5330	2.74	cps
Molybdenum	96-1	49664	50965	50902	50510	1.45	cps
Molybdenum	97-1	3247	3447	3384	3359	3.04	cps
Molybdenum	98-1	8112	8696	8402	8404	3.47	cps
Neodymium	150-1	250345	255756	255954	254018	1.25	cps
Neodymium	150-2	136059	136864	136116	136346	0.33	cps
Nickel	60-2	201430	203244	201274	201983	0.54	cps
Phosphorus	31-2	32725	32912	32635	32757	0.43	cps
Potassium	39-2	1989633	1977486	1947253	1971457	1.11	cps
Rhodium	103-1	8533098	8578505	8757200	8622935	1.37	cps
Rhodium	103-2	4842104	4705534	4754923	4767520	1.45	cps
Scandium	45-1	4990189	5062389	5044942	5032507	0.75	cps
Scandium	45-2	413353	411483	411714	412183	0.25	cps
Selenium	82-1	808	793	832	811	2.39	cps
Selenium	77-2	317	260	250	276	13.05	cps
Selenium	78-2	380	430	447	419	8.28	cps
Silicon	28-1	18478445	18997860	19001086	18825797	1.60	cps
Silver	107-1	54873	54789	54612	54758	0.24	cps
Silver	109-1	51739	52688	52294	52240	0.91	cps
Sodium	23-2	148053	149453	149214	148907	0.50	cps
Strontium	86-1	672567	679562	689036	680389	1.21	cps
Strontium	88-1	5977452	6073825	6137788	6063022	1.33	cps
Sulfur	34-1	153384	152229	153132	152915	0.40	cps
Terbium	159-1	14294460	14391106	14545828	14410465	0.88	cps
Terbium	159-2	8903940	8838353	9011533	8917942	0.98	cps
Thallium	203-1	4271	4291	4321	4294	0.59	cps
Thallium	205-1	9704	10457	10424	10195	4.18	cps
Tin	118-1	63188	64289	65639	64372	1.91	cps
Titanium	47-1	1649292	1657241	1671410	1659314	0.68	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-19	Instrumnet Name :	P7
Client Sample ID :	MYD398	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 22:57:08	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42815	43611	44076	43501	1.47	cps
Vanadium	51-2	303931	305795	304077	304601	0.34	cps
Yttrium	89-1	11029835	11154431	11309920	11164729	1.26	cps
Yttrium	89-2	2585530	2554230	2557425	2565728	0.67	cps
Zinc	66-2	569856	566485	567078	567806	0.32	cps
Zirconium	90-1	659313	676077	681100	672163	1.70	cps
Zirconium	91-1	147661	151684	152523	150623	1.73	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-20	Instrumnet Name :	P7
Client Sample ID :	MYD399	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:00:11	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7080543	7067238	7117666	7088482	0.37	cps
Antimony	121-1	15709	15996	15675	15793	1.12	cps
Arsenic	75-2	43587	43811	43213	43537	0.69	cps
Barium	135-1	1362676	1359615	1370758	1364350	0.42	cps
Barium	137-1	2473309	2484593	2491171	2483024	0.36	cps
Beryllium	9-1	2944	3074	2780	2933	5.01	cps
Bismuth	209-1	7746580	8732340	8699166	8392696	6.67	cps
Bismuth	209-2	6570099	6559505	6464998	6531534	0.89	cps
Bromine	81-1	9240	9700	9810	9583	3.16	cps
Bromine	81-2	500	580	553	544	7.48	cps
Cadmium	108-1	1450	1460	1407	1439	1.97	cps
Cadmium	106-1	5358	5588	5491	5479	2.11	cps
Cadmium	111-1	15121	15261	15565	15316	1.48	cps
Calcium	43-1	2937909	2966532	2961832	2955424	0.52	cps
Calcium	44-1	47923666	47905961	47542648	47790758	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253932	255197	253245	254125	0.39	cps
Cobalt	59-2	181166	179391	182316	180957	0.81	cps
Copper	63-2	2922998	2964624	2924723	2937448	0.80	cps
Dysprosium	156-1	97277	98683	97519	97826	0.77	cps
Dysprosium	156-2	76269	76028	76731	76343	0.47	cps
Erbium	164-1	60098	60299	60637	60345	0.45	cps
Erbium	164-2	39111	38831	38713	38885	0.53	cps
Gadolinium	160-1	79883	79058	79785	79575	0.57	cps
Gadolinium	160-2	54562	52926	53435	53641	1.56	cps
Holmium	165-1	12497302	14001163	14147224	13548563	6.74	cps
Holmium	165-2	9149840	9097397	9079287	9108841	0.40	cps
Indium	115-1	8897936	9951788	10016594	9622106	6.53	cps
Indium	115-2	3048139	3055140	3073795	3059025	0.43	cps
Iron	56-2	171337824	169886397	170408124	170544115	0.43	cps
Iron	57-2	4241461	4265382	4222523	4243122	0.51	cps
Iron	54-2	9166745	9226760	9201050	9198185	0.33	cps
Krypton	83-1	163	170	183	172	5.91	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-20	Instrumnet Name :	P7
Client Sample ID :	MYD399	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:00:11	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1840521	1843903	1867994	1850806	0.81	cps
Lead	207-1	1512598	1505378	1506326	1508101	0.26	cps
Lead	208-1	7257816	7267618	7335961	7287132	0.58	cps
Lithium	6-1	1656084	1853308	1858118	1789170	6.44	cps
Magnesium	24-2	5546258	5572218	5535145	5551207	0.34	cps
Manganese	55-2	4060917	4035798	4023865	4040193	0.47	cps
Molybdenum	94-1	235160	235196	236959	235772	0.44	cps
Molybdenum	95-1	3607	3784	3801	3731	2.87	cps
Molybdenum	96-1	45076	45404	45474	45318	0.47	cps
Molybdenum	97-1	2357	2367	2517	2414	3.71	cps
Molybdenum	98-1	5995	6315	5895	6068	3.62	cps
Neodymium	150-1	214165	219522	218460	217382	1.30	cps
Neodymium	150-2	115690	114268	114413	114790	0.68	cps
Nickel	60-2	160636	161407	160842	160962	0.25	cps
Phosphorus	31-2	28139	27956	27895	27997	0.45	cps
Potassium	39-2	1893373	1856323	1844999	1864898	1.36	cps
Rhodium	103-1	7613302	8447391	8485376	8182023	6.02	cps
Rhodium	103-2	4695761	4726588	4673812	4698721	0.56	cps
Scandium	45-1	4497303	5021903	4927014	4815407	5.81	cps
Scandium	45-2	404156	405200	401442	403599	0.48	cps
Selenium	82-1	605	721	578	635	11.99	cps
Selenium	77-2	287	220	250	252	13.24	cps
Selenium	78-2	303	330	330	321	4.80	cps
Silicon	28-1	19839549	19887277	19888331	19871719	0.14	cps
Silver	107-1	22220	21703	22381	22101	1.60	cps
Silver	109-1	20895	20388	20855	20713	1.36	cps
Sodium	23-2	117276	117071	116916	117088	0.15	cps
Strontium	86-1	714524	712187	720786	715832	0.62	cps
Strontium	88-1	6315032	6315888	6320300	6317073	0.04	cps
Sulfur	34-1	138118	136469	134957	136515	1.16	cps
Terbium	159-1	12780734	14373380	14439551	13864555	6.77	cps
Terbium	159-2	8937157	8870668	8817473	8875099	0.68	cps
Thallium	203-1	2877	2890	3054	2940	3.35	cps
Thallium	205-1	7015	7192	7235	7148	1.63	cps
Tin	118-1	40457	41322	41319	41033	1.22	cps
Titanium	47-1	1579369	1556906	1569279	1568518	0.72	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-20	Instrumnet Name :	P7
Client Sample ID :	MYD399	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:00:11	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42504	42487	42401	42464	0.13	cps
Vanadium	51-2	293589	291330	290509	291809	0.55	cps
Yttrium	89-1	9974118	11074780	10982559	10677152	5.72	cps
Yttrium	89-2	2531065	2539672	2506759	2525832	0.68	cps
Zinc	66-2	299437	298663	297700	298600	0.29	cps
Zirconium	90-1	634689	627683	633149	631840	0.58	cps
Zirconium	91-1	139025	140077	141027	140043	0.71	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-21	Instrumnet Name :	P7
Client Sample ID :	MYD3A0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:03:16	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7400429	7334900	7314786	7350039	0.61	cps
Antimony	121-1	14077	14534	14554	14388	1.88	cps
Arsenic	75-2	43550	43142	43102	43265	0.57	cps
Barium	135-1	1464010	1481364	1486292	1477222	0.79	cps
Barium	137-1	2651136	2700442	2710446	2687342	1.18	cps
Beryllium	9-1	3060	3094	3030	3061	1.03	cps
Bismuth	209-1	8757460	8769656	8846390	8791169	0.55	cps
Bismuth	209-2	6586727	6492699	6473385	6517604	0.93	cps
Bromine	81-1	9283	9613	9560	9485	1.87	cps
Bromine	81-2	570	610	560	580	4.56	cps
Cadmium	108-1	1323	1460	1430	1405	5.11	cps
Cadmium	106-1	5294	5421	5631	5449	3.12	cps
Cadmium	111-1	15148	14945	15233	15109	0.98	cps
Calcium	43-1	2771017	2794265	2827319	2797534	1.01	cps
Calcium	44-1	44277159	44703781	45096511	44692484	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	274366	276196	273338	274633	0.53	cps
Cobalt	59-2	183186	182295	181351	182277	0.50	cps
Copper	63-2	3110079	3137365	3095321	3114255	0.68	cps
Dysprosium	156-1	99532	101574	100936	100681	1.04	cps
Dysprosium	156-2	78380	78742	78699	78607	0.25	cps
Erbium	164-1	59382	61374	60835	60530	1.70	cps
Erbium	164-2	38436	39098	38961	38832	0.90	cps
Gadolinium	160-1	79430	81391	81938	80920	1.63	cps
Gadolinium	160-2	54857	53997	54037	54297	0.89	cps
Holmium	165-1	14116856	14232169	14148444	14165823	0.42	cps
Holmium	165-2	9124543	9087313	9062436	9091430	0.34	cps
Indium	115-1	9917513	10054802	9974558	9982291	0.69	cps
Indium	115-2	3079193	3052754	3031277	3054408	0.79	cps
Iron	56-2	159285551	158592604	158927341	158935165	0.22	cps
Iron	57-2	3930963	4000043	3942693	3957900	0.93	cps
Iron	54-2	8642049	8523737	8517607	8561131	0.82	cps
Krypton	83-1	187	143	200	177	16.77	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-21	Instrumnet Name :	P7
Client Sample ID :	MYD3A0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:03:16	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1914259	1948838	1957478	1940192	1.18	cps
Lead	207-1	1550747	1573419	1578691	1567619	0.95	cps
Lead	208-1	7536502	7672379	7741062	7649981	1.36	cps
Lithium	6-1	1840204	1833144	1841297	1838215	0.24	cps
Magnesium	24-2	5876280	5818320	5808795	5834465	0.63	cps
Manganese	55-2	4389602	4367919	4386290	4381270	0.27	cps
Molybdenum	94-1	210994	214592	214978	213521	1.03	cps
Molybdenum	95-1	3144	3310	3197	3217	2.65	cps
Molybdenum	96-1	40402	40696	41121	40740	0.89	cps
Molybdenum	97-1	2044	2147	2120	2104	2.55	cps
Molybdenum	98-1	5154	5231	5148	5178	0.89	cps
Neodymium	150-1	223243	224228	227165	224879	0.91	cps
Neodymium	150-2	120062	119595	117890	119183	0.96	cps
Nickel	60-2	173547	172718	172044	172770	0.44	cps
Phosphorus	31-2	29275	29191	29639	29368	0.81	cps
Potassium	39-2	2134969	2110148	2121270	2122129	0.59	cps
Rhodium	103-1	8444987	8515150	8521870	8494002	0.50	cps
Rhodium	103-2	4648127	4687919	4646197	4660747	0.51	cps
Scandium	45-1	4917751	4970331	4933320	4940467	0.55	cps
Scandium	45-2	408087	401638	401066	403597	0.97	cps
Selenium	82-1	637	732	683	684	6.96	cps
Selenium	77-2	260	203	237	233	12.21	cps
Selenium	78-2	383	317	313	338	11.69	cps
Silicon	28-1	19001139	19073146	19226877	19100387	0.60	cps
Silver	107-1	25977	27446	26624	26682	2.76	cps
Silver	109-1	24895	25302	25356	25184	1.00	cps
Sodium	23-2	119207	119690	119946	119614	0.31	cps
Strontium	86-1	722559	725093	735364	727672	0.93	cps
Strontium	88-1	6290357	6324124	6468960	6361147	1.49	cps
Sulfur	34-1	137727	138282	138221	138077	0.22	cps
Terbium	159-1	14372235	14625649	14462421	14486768	0.89	cps
Terbium	159-2	8982635	8875324	8784350	8880770	1.12	cps
Thallium	203-1	2904	2870	2954	2909	1.44	cps
Thallium	205-1	7199	6962	7519	7226	3.87	cps
Tin	118-1	41399	43074	43265	42579	2.41	cps
Titanium	47-1	1487690	1519461	1513218	1506790	1.12	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-21	Instrumnet Name :	P7
Client Sample ID :	MYD3A0	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:03:16	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42628	42752	43350	42910	0.90	cps
Vanadium	51-2	271738	270791	269101	270544	0.49	cps
Yttrium	89-1	10901604	11067069	10990205	10986292	0.75	cps
Yttrium	89-2	2553692	2538058	2508845	2533532	0.90	cps
Zinc	66-2	326217	324321	325166	325235	0.29	cps
Zirconium	90-1	561506	575341	579496	572114	1.65	cps
Zirconium	91-1	125118	128947	127820	127295	1.55	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-22	Instrumnet Name :	P7
Client Sample ID :	MYD3A1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:06:22	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7504975	7493890	7527717	7508861	0.23	cps
Antimony	121-1	18348	17885	18509	18247	1.78	cps
Arsenic	75-2	40976	40940	41060	40992	0.15	cps
Barium	135-1	1377838	1385456	1398539	1387278	0.75	cps
Barium	137-1	2495629	2530821	2562033	2529495	1.31	cps
Beryllium	9-1	2900	3084	2930	2971	3.31	cps
Bismuth	209-1	8781290	8862332	8815422	8819682	0.46	cps
Bismuth	209-2	6477277	6517860	6519192	6504777	0.37	cps
Bromine	81-1	9130	9476	9370	9325	1.91	cps
Bromine	81-2	540	573	613	576	6.38	cps
Cadmium	108-1	1383	1443	1373	1400	2.70	cps
Cadmium	106-1	5531	5301	5264	5365	2.69	cps
Cadmium	111-1	15773	15186	15479	15479	1.90	cps
Calcium	43-1	2992306	3023550	3019349	3011735	0.56	cps
Calcium	44-1	48153898	48787633	48474236	48471922	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	297736	299684	295550	297657	0.69	cps
Cobalt	59-2	178406	178913	177404	178241	0.43	cps
Copper	63-2	3037212	3076225	3084205	3065881	0.82	cps
Dysprosium	156-1	98677	100167	100060	99635	0.83	cps
Dysprosium	156-2	79101	78246	78431	78593	0.57	cps
Erbium	164-1	59941	60694	61802	60813	1.54	cps
Erbium	164-2	38119	38854	39018	38663	1.24	cps
Gadolinium	160-1	79638	81683	81800	81040	1.50	cps
Gadolinium	160-2	54205	54188	54057	54150	0.15	cps
Holmium	165-1	14217224	14124482	14096879	14146195	0.45	cps
Holmium	165-2	8985383	9057708	9115068	9052720	0.72	cps
Indium	115-1	10064215	9963636	9954967	9994273	0.61	cps
Indium	115-2	3097717	3043953	3047448	3063039	0.98	cps
Iron	56-2	163276934	162609928	162681108	162855990	0.22	cps
Iron	57-2	4076115	4061072	4051902	4063029	0.30	cps
Iron	54-2	8871141	8842176	8816451	8843256	0.31	cps
Krypton	83-1	163	137	150	150	8.89	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-22	Instrumnet Name :	P7
Client Sample ID :	MYD3A1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:06:22	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1916204	1909732	1964700	1930212	1.56	cps
Lead	207-1	1546447	1551064	1569455	1555655	0.78	cps
Lead	208-1	7524371	7577099	7621046	7574172	0.64	cps
Lithium	6-1	1849901	1827133	1869572	1848869	1.15	cps
Magnesium	24-2	5969727	5892117	5876033	5912626	0.85	cps
Manganese	55-2	3950473	3889989	3878211	3906224	0.99	cps
Molybdenum	94-1	208557	211478	211427	210487	0.79	cps
Molybdenum	95-1	3894	4014	4087	3998	2.44	cps
Molybdenum	96-1	41144	41622	41843	41537	0.86	cps
Molybdenum	97-1	2570	2414	2617	2534	4.20	cps
Molybdenum	98-1	6061	6321	6245	6209	2.15	cps
Neodymium	150-1	222969	223799	224918	223895	0.44	cps
Neodymium	150-2	119629	116462	118643	118245	1.37	cps
Nickel	60-2	171232	171552	172071	171618	0.25	cps
Phosphorus	31-2	29051	29395	28797	29081	1.03	cps
Potassium	39-2	2030907	2027843	2008030	2022260	0.61	cps
Rhodium	103-1	8527519	8506079	8515009	8516203	0.13	cps
Rhodium	103-2	4737203	4643302	4680690	4687065	1.01	cps
Scandium	45-1	4969476	4932914	4934049	4945480	0.42	cps
Scandium	45-2	406008	400926	402682	403205	0.64	cps
Selenium	82-1	658	739	694	697	5.82	cps
Selenium	77-2	243	267	193	234	15.98	cps
Selenium	78-2	347	267	340	318	13.97	cps
Silicon	28-1	15672246	15797233	15876479	15781986	0.65	cps
Silver	107-1	25616	25195	25770	25527	1.16	cps
Silver	109-1	24184	24280	25159	24541	2.19	cps
Sodium	23-2	117349	118259	117799	117803	0.39	cps
Strontium	86-1	729341	740363	742787	737497	0.97	cps
Strontium	88-1	6525928	6451564	6506217	6494570	0.59	cps
Sulfur	34-1	137304	136880	138071	137418	0.44	cps
Terbium	159-1	14475170	14474964	14497759	14482631	0.09	cps
Terbium	159-2	8907997	8866837	8774792	8849875	0.77	cps
Thallium	203-1	2964	2857	2924	2915	1.85	cps
Thallium	205-1	7152	7102	6942	7065	1.55	cps
Tin	118-1	43027	43168	43840	43345	1.00	cps
Titanium	47-1	1503253	1505855	1540951	1516687	1.39	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-22	Instrumnet Name :	P7
Client Sample ID :	MYD3A1	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:06:22	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44333	44671	44982	44662	0.73	cps
Vanadium	51-2	269573	270204	269828	269868	0.12	cps
Yttrium	89-1	11126213	11016337	11147780	11096777	0.64	cps
Yttrium	89-2	2535678	2539460	2515969	2530369	0.50	cps
Zinc	66-2	332749	333451	333154	333118	0.11	cps
Zirconium	90-1	559603	562102	565547	562417	0.53	cps
Zirconium	91-1	124436	125380	126863	125560	0.97	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P7
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:09:25	DataFile Name :	141CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4881821	4854613	4948059	4894831	0.98	cps
Antimony	121-1	2972377	2975165	2945964	2964502	0.54	cps
Arsenic	75-2	116217	115928	115921	116022	0.15	cps
Barium	135-1	4163202	4147725	4103929	4138286	0.74	cps
Barium	137-1	7174713	7156583	7106744	7146013	0.49	cps
Beryllium	9-1	424260	428394	427336	426663	0.50	cps
Bismuth	209-1	8031413	8131852	8017303	8060189	0.77	cps
Bismuth	209-2	6009881	5971254	5951524	5977553	0.50	cps
Bromine	81-1	6368	6385	6175	6309	1.85	cps
Bromine	81-2	47	20	50	39	42.28	cps
Cadmium	108-1	52481	52270	52220	52324	0.26	cps
Cadmium	106-1	78846	77039	77894	77926	1.16	cps
Cadmium	111-1	714514	710886	709454	711618	0.37	cps
Calcium	43-1	3415619	3389454	3354995	3386690	0.90	cps
Calcium	44-1	54484491	53968081	53755763	54069445	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	886828	890204	891284	889439	0.26	cps
Cobalt	59-2	1378709	1369122	1370005	1372612	0.39	cps
Copper	63-2	9634200	9630715	9623414	9629443	0.06	cps
Dysprosium	156-1	247	297	190	244	21.83	cps
Dysprosium	156-2	287	237	297	273	11.76	cps
Erbium	164-1	210	217	187	204	7.70	cps
Erbium	164-2	137	140	127	134	5.16	cps
Gadolinium	160-1	217	167	137	173	23.32	cps
Gadolinium	160-2	457	453	370	427	11.51	cps
Holmium	165-1	13565479	13513799	13390347	13489875	0.67	cps
Holmium	165-2	8701554	8723553	8492909	8639339	1.47	cps
Indium	115-1	9354393	9175347	9210352	9246697	1.03	cps
Indium	115-2	2812210	2787112	2769750	2789691	0.77	cps
Iron	56-2	195673244	195004517	197772990	196150250	0.74	cps
Iron	57-2	4898017	4874265	4902494	4891592	0.31	cps
Iron	54-2	10631346	10555434	10666154	10617644	0.53	cps
Krypton	83-1	100	123	127	117	12.45	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P7
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:09:25	DataFile Name :	141CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12755387	12689085	12643171	12695881	0.44	cps
Lead	207-1	11236471	11224298	11258614	11239794	0.15	cps
Lead	208-1	51069224	50999063	51281144	51116477	0.29	cps
Lithium	6-1	1696508	1712365	1691837	1700237	0.63	cps
Magnesium	24-2	39975444	39878170	40044151	39965922	0.21	cps
Manganese	55-2	6886538	6809385	6921113	6872345	0.83	cps
Molybdenum	94-1	10096655	9959746	9992753	10016385	0.71	cps
Molybdenum	95-1	14695011	14493759	14532357	14573709	0.73	cps
Molybdenum	96-1	16043911	15842191	15852137	15912747	0.71	cps
Molybdenum	97-1	9249819	9069452	9078544	9132605	1.11	cps
Molybdenum	98-1	23976433	23660670	23758715	23798606	0.68	cps
Neodymium	150-1	310	350	357	339	7.45	cps
Neodymium	150-2	50	123	77	83	44.54	cps
Nickel	60-2	338585	339154	336270	338003	0.45	cps
Phosphorus	31-2	48854	48563	48416	48611	0.46	cps
Potassium	39-2	24597715	24810105	24835250	24747690	0.53	cps
Rhodium	103-1	7876635	7718221	7742731	7779196	1.10	cps
Rhodium	103-2	4254101	4207379	4124075	4195185	1.57	cps
Scandium	45-1	4560702	4475245	4434842	4490263	1.43	cps
Scandium	45-2	358719	358710	354267	357232	0.72	cps
Selenium	82-1	40487	39775	40041	40101	0.90	cps
Selenium	77-2	3377	3427	3474	3426	1.41	cps
Selenium	78-2	11428	11768	11655	11617	1.49	cps
Silicon	28-1	4900270	4829650	4833250	4854390	0.82	cps
Silver	107-1	3375055	3352963	3307324	3345114	1.03	cps
Silver	109-1	3222727	3175197	3162981	3186968	0.99	cps
Sodium	23-2	67672824	67519261	68260737	67817607	0.58	cps
Strontium	86-1	22728548	22507990	22331131	22522556	0.88	cps
Strontium	88-1	198669437	196738630	196979710	197462593	0.53	cps
Sulfur	34-1	297081	294161	292045	294429	0.86	cps
Terbium	159-1	13765099	13616460	13756631	13712730	0.61	cps
Terbium	159-2	8457649	8558575	8334528	8450251	1.33	cps
Thallium	203-1	3184940	3212614	3217507	3205021	0.55	cps
Thallium	205-1	7607650	7673867	7655972	7645830	0.45	cps
Tin	118-1	2493567	2516758	2494681	2501669	0.52	cps
Titanium	47-1	3202322	3149688	3161547	3171186	0.87	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P7
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:09:25	DataFile Name :	141CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10580175	10822381	10922688	10775081	1.63	cps
Vanadium	51-2	805394	798738	800005	801379	0.44	cps
Yttrium	89-1	9962983	9738472	9712634	9804696	1.40	cps
Yttrium	89-2	2202628	2174833	2150634	2176032	1.20	cps
Zinc	66-2	1617822	1622631	1625677	1622044	0.24	cps
Zirconium	90-1	4808379	4776912	4724167	4769819	0.89	cps
Zirconium	91-1	1080050	1069902	1071653	1073868	0.51	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P7
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:12:14	DataFile Name :	142CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	243	247	247	1.35	cps
Antimony	121-1	2327	2344	2484	2385	3.61	cps
Arsenic	75-2	23	10	23	19	40.75	cps
Barium	135-1	240	150	180	190	24.12	cps
Barium	137-1	267	257	237	253	6.03	cps
Beryllium	9-1	127	103	117	116	10.13	cps
Bismuth	209-1	9237385	8991471	8972053	9066970	1.63	cps
Bismuth	209-2	6781194	6738155	6804796	6774715	0.50	cps
Bromine	81-1	6105	6325	6525	6318	3.33	cps
Bromine	81-2	47	43	57	49	14.20	cps
Cadmium	108-1	17	7	17	13	43.29	cps
Cadmium	106-1	2600	2627	2877	2701	5.65	cps
Cadmium	111-1	1859	1901	2032	1931	4.69	cps
Calcium	43-1	190	193	163	182	9.02	cps
Calcium	44-1	3784	3464	3307	3518	6.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	270	313	337	307	11.03	cps
Cobalt	59-2	70	87	83	80	11.02	cps
Copper	63-2	933	907	900	913	1.93	cps
Dysprosium	156-1	27	93	47	56	61.57	cps
Dysprosium	156-2	23	7	27	19	56.72	cps
Erbium	164-1	93	100	93	96	4.03	cps
Erbium	164-2	43	67	70	60	24.22	cps
Gadolinium	160-1	40	63	53	52	22.41	cps
Gadolinium	160-2	323	460	443	409	18.24	cps
Holmium	165-1	14109994	14012754	13847515	13990088	0.95	cps
Holmium	165-2	9068822	8993142	9040913	9034292	0.42	cps
Indium	115-1	10179955	10018906	9989466	10062775	1.02	cps
Indium	115-2	3130090	3123889	3082503	3112160	0.83	cps
Iron	56-2	15905	16719	17998	16874	6.25	cps
Iron	57-2	817	690	793	767	8.79	cps
Iron	54-2	1380	1220	1327	1309	6.22	cps
Krypton	83-1	87	107	97	97	10.34	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P7
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:12:14	DataFile Name :	142CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	930	920	827	892	6.39	cps
Lead	207-1	947	780	717	814	14.59	cps
Lead	208-1	4180	3557	3484	3740	10.24	cps
Lithium	6-1	1823566	1858333	1881271	1854390	1.57	cps
Magnesium	24-2	1643	1690	2013	1782	11.31	cps
Manganese	55-2	513	557	627	566	10.11	cps
Molybdenum	94-1	830	877	937	881	6.07	cps
Molybdenum	95-1	770	660	690	707	8.05	cps
Molybdenum	96-1	883	767	890	847	8.19	cps
Molybdenum	97-1	443	443	450	446	0.86	cps
Molybdenum	98-1	1287	1187	1170	1215	5.20	cps
Neodymium	150-1	7	10	23	13	66.12	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	50	110	73	78	38.89	cps
Phosphorus	31-2	60	103	70	78	29.17	cps
Potassium	39-2	26276	26717	26356	26450	0.89	cps
Rhodium	103-1	8841399	8850715	8723181	8805099	0.81	cps
Rhodium	103-2	4892721	4826577	4846315	4855204	0.70	cps
Scandium	45-1	4664294	4666241	4684053	4671529	0.23	cps
Scandium	45-2	379432	378689	380292	379471	0.21	cps
Selenium	82-1	248	293	328	290	13.87	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	113	133	93	113	17.65	cps
Silicon	28-1	112801	114721	115978	114500	1.40	cps
Silver	107-1	437	433	360	410	10.57	cps
Silver	109-1	387	293	343	341	13.69	cps
Sodium	23-2	14010	13292	13309	13537	3.02	cps
Strontium	86-1	550	483	487	507	7.41	cps
Strontium	88-1	4304	2920	3047	3424	22.34	cps
Sulfur	34-1	109781	109223	110965	109990	0.81	cps
Terbium	159-1	14394917	14258427	14258221	14303855	0.55	cps
Terbium	159-2	8798996	8681170	8749218	8743128	0.68	cps
Thallium	203-1	540	467	353	453	20.75	cps
Thallium	205-1	1097	1050	900	1016	10.12	cps
Tin	118-1	977	1220	1267	1155	13.49	cps
Titanium	47-1	170	240	170	193	20.90	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P7
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired :	2024-10-03 23:12:14	DataFile Name :	142CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	237	197	120	184	32.14	cps
Vanadium	51-2	47	30	57	44	30.31	cps
Yttrium	89-1	10290328	10134643	10160743	10195238	0.82	cps
Yttrium	89-2	2345075	2316482	2314558	2325372	0.73	cps
Zinc	66-2	273	387	297	319	18.77	cps
Zirconium	90-1	1233	1307	1267	1269	2.89	cps
Zirconium	91-1	313	190	297	267	25.09	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:15:31	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1197740	1199631	1196595	1197989	0.13	cps
Antimony	121-1	101357	102069	103190	102205	0.90	cps
Arsenic	75-2	16256	16239	16349	16281	0.36	cps
Barium	135-1	126798	128446	128823	128023	0.84	cps
Barium	137-1	225202	224198	222230	223876	0.68	cps
Beryllium	9-1	420	457	450	442	4.42	cps
Bismuth	209-1	8729864	8965019	9123835	8939573	2.22	cps
Bismuth	209-2	6722172	6821570	6829416	6791053	0.88	cps
Bromine	81-1	6582	7205	7165	6984	5.00	cps
Bromine	81-2	60	67	120	82	39.99	cps
Cadmium	108-1	97	83	107	96	12.25	cps
Cadmium	106-1	3174	3020	2994	3063	3.17	cps
Cadmium	111-1	3021	2993	2961	2991	1.00	cps
Calcium	43-1	72766	73855	74234	73618	1.03	cps
Calcium	44-1	1167409	1183958	1198999	1183455	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23181	23495	23428	23368	0.71	cps
Cobalt	59-2	28360	28156	28126	28214	0.45	cps
Copper	63-2	96854	97555	96838	97082	0.42	cps
Dysprosium	156-1	13743	14181	14351	14092	2.22	cps
Dysprosium	156-2	10411	9844	10327	10194	3.00	cps
Erbium	164-1	12099	12172	12676	12316	2.55	cps
Erbium	164-2	8069	7892	7782	7915	1.83	cps
Gadolinium	160-1	13473	13720	13470	13554	1.06	cps
Gadolinium	160-2	9407	9500	9350	9419	0.80	cps
Holmium	165-1	13796369	13947596	14114588	13952851	1.14	cps
Holmium	165-2	9248548	9243096	9171171	9220938	0.47	cps
Indium	115-1	10053671	10259274	10206185	10173043	1.05	cps
Indium	115-2	3225039	3202164	3179549	3202251	0.71	cps
Iron	56-2	47972039	48104464	47949818	48008774	0.17	cps
Iron	57-2	1245968	1251744	1245673	1247795	0.27	cps
Iron	54-2	2593193	2635378	2611190	2613254	0.81	cps
Krypton	83-1	83	137	113	111	24.07	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:15:31	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	226723	227241	233888	229284	1.74	cps
Lead	207-1	218045	217886	213683	216538	1.14	cps
Lead	208-1	942092	949636	956787	949505	0.77	cps
Lithium	6-1	1813377	1871596	1885289	1856754	2.06	cps
Magnesium	24-2	721259	725413	718004	721558	0.51	cps
Manganese	55-2	629429	632913	632996	631779	0.32	cps
Molybdenum	94-1	10404	10464	10354	10407	0.53	cps
Molybdenum	95-1	1207	1370	1397	1325	7.77	cps
Molybdenum	96-1	3921	3727	3714	3787	3.06	cps
Molybdenum	97-1	747	857	783	796	7.04	cps
Molybdenum	98-1	2097	2067	2037	2067	1.45	cps
Neodymium	150-1	22635	22515	22725	22625	0.47	cps
Neodymium	150-2	12222	12102	12315	12213	0.88	cps
Nickel	60-2	12946	12989	12896	12943	0.36	cps
Phosphorus	31-2	5258	5434	5131	5274	2.89	cps
Potassium	39-2	495967	495748	497340	496352	0.17	cps
Rhodium	103-1	8881700	9076151	9074730	9010860	1.24	cps
Rhodium	103-2	5041573	4994816	5076804	5037731	0.82	cps
Scandium	45-1	4745098	4923651	4996734	4888494	2.65	cps
Scandium	45-2	399479	406938	406809	404408	1.06	cps
Selenium	82-1	351	384	429	388	10.01	cps
Selenium	77-2	27	33	17	26	32.81	cps
Selenium	78-2	167	113	127	136	20.48	cps
Silicon	28-1	3578989	3615665	3686258	3626971	1.50	cps
Silver	107-1	2037	1897	2050	1995	4.26	cps
Silver	109-1	2044	2010	1980	2011	1.58	cps
Sodium	23-2	29732	29578	29158	29489	1.01	cps
Strontium	86-1	36826	36575	36692	36698	0.34	cps
Strontium	88-1	319815	319310	326317	321814	1.21	cps
Sulfur	34-1	117659	118119	116879	117552	0.53	cps
Terbium	159-1	14570558	14636821	14306534	14504638	1.20	cps
Terbium	159-2	9139892	9008923	9085796	9078204	0.72	cps
Thallium	203-1	650	663	727	680	6.02	cps
Thallium	205-1	1730	1603	1737	1690	4.45	cps
Tin	118-1	3367	3294	3610	3424	4.84	cps
Titanium	47-1	288101	290807	291002	289970	0.56	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:15:31	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5114	5358	5121	5198	2.67	cps
Vanadium	51-2	89164	87837	88403	88468	0.75	cps
Yttrium	89-1	10409560	10618454	10802047	10610021	1.85	cps
Yttrium	89-2	2497483	2477448	2500058	2491663	0.50	cps
Zinc	66-2	61074	60448	60666	60729	0.52	cps
Zirconium	90-1	25375	25509	26688	25857	2.79	cps
Zirconium	91-1	5788	6271	5748	5936	4.91	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:18:48	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1210815	1203610	1206940	1207121	0.30	cps
Antimony	121-1	5161	5514	5404	5360	3.37	cps
Arsenic	75-2	16983	16412	16409	16602	1.99	cps
Barium	135-1	131261	131184	134494	132313	1.43	cps
Barium	137-1	229795	229129	227746	228890	0.46	cps
Beryllium	9-1	390	397	397	394	0.98	cps
Bismuth	209-1	9010181	8946309	9109745	9022078	0.91	cps
Bismuth	209-2	6820842	6801320	6894516	6838892	0.72	cps
Bromine	81-1	6815	7185	7345	7115	3.82	cps
Bromine	81-2	93	100	73	89	15.61	cps
Cadmium	108-1	157	80	110	116	33.43	cps
Cadmium	106-1	3057	2954	3037	3016	1.82	cps
Cadmium	111-1	2887	2888	2892	2889	0.10	cps
Calcium	43-1	59583	59683	59730	59666	0.13	cps
Calcium	44-1	942905	958532	962252	954563	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24156	24316	23839	24104	1.01	cps
Cobalt	59-2	28828	28574	28106	28503	1.28	cps
Copper	63-2	98800	99256	98984	99013	0.23	cps
Dysprosium	156-1	14351	13977	14521	14283	1.95	cps
Dysprosium	156-2	10120	10367	10664	10384	2.62	cps
Erbium	164-1	12409	12429	12539	12459	0.56	cps
Erbium	164-2	7979	7999	8229	8069	1.72	cps
Gadolinium	160-1	13069	13563	13276	13303	1.86	cps
Gadolinium	160-2	9116	9720	9617	9484	3.40	cps
Holmium	165-1	14346776	14043902	14332021	14240900	1.20	cps
Holmium	165-2	9295843	9215969	9280764	9264192	0.46	cps
Indium	115-1	10350140	10385524	10521546	10419070	0.87	cps
Indium	115-2	3242203	3236075	3247934	3242071	0.18	cps
Iron	56-2	48407244	48069131	47833461	48103279	0.60	cps
Iron	57-2	1260313	1258160	1252406	1256960	0.33	cps
Iron	54-2	2637189	2593101	2601164	2610485	0.90	cps
Krypton	83-1	120	110	123	118	5.89	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:18:48	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	229580	229221	237208	232003	1.94	cps
Lead	207-1	219697	217270	217617	218194	0.60	cps
Lead	208-1	949994	958075	957483	955184	0.47	cps
Lithium	6-1	1921502	1920410	1894267	1912060	0.81	cps
Magnesium	24-2	731589	727640	725368	728199	0.43	cps
Manganese	55-2	649060	645436	645154	646550	0.34	cps
Molybdenum	94-1	9593	10260	9817	9890	3.43	cps
Molybdenum	95-1	1147	1113	1227	1162	5.01	cps
Molybdenum	96-1	3700	3637	3590	3643	1.52	cps
Molybdenum	97-1	777	817	733	776	5.37	cps
Molybdenum	98-1	1743	1950	2097	1930	9.20	cps
Neodymium	150-1	22374	22935	23072	22794	1.62	cps
Neodymium	150-2	12429	12035	12165	12210	1.64	cps
Nickel	60-2	7605	7452	7909	7655	3.04	cps
Phosphorus	31-2	4261	4101	4004	4122	3.15	cps
Potassium	39-2	441005	436646	438953	438868	0.50	cps
Rhodium	103-1	9279042	9087240	9109364	9158548	1.15	cps
Rhodium	103-2	5062961	5045889	5038591	5049147	0.25	cps
Scandium	45-1	4968762	5076613	5046217	5030531	1.11	cps
Scandium	45-2	410876	409906	411276	410686	0.17	cps
Selenium	82-1	376	386	415	393	5.11	cps
Selenium	77-2	23	47	10	27	69.60	cps
Selenium	78-2	140	130	180	150	17.64	cps
Silicon	28-1	3752385	3767636	3817525	3779182	0.90	cps
Silver	107-1	1973	1823	2000	1932	4.93	cps
Silver	109-1	1670	1887	1790	1782	6.09	cps
Sodium	23-2	27471	28236	27401	27703	1.67	cps
Strontium	86-1	37701	37224	36976	37301	0.99	cps
Strontium	88-1	323374	329895	324661	325977	1.06	cps
Sulfur	34-1	112312	114267	110375	112318	1.73	cps
Terbium	159-1	15061275	14416361	14451455	14643030	2.48	cps
Terbium	159-2	9095691	9073835	9146051	9105192	0.41	cps
Thallium	203-1	627	653	647	642	2.16	cps
Thallium	205-1	1333	1300	1340	1325	1.62	cps
Tin	118-1	3450	3477	3791	3573	5.30	cps
Titanium	47-1	288713	291369	292703	290928	0.70	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:18:48	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5211	5254	5174	5213	0.77	cps
Vanadium	51-2	90144	90073	89862	90026	0.16	cps
Yttrium	89-1	10771644	10845818	10907717	10841726	0.63	cps
Yttrium	89-2	2508764	2564370	2501085	2524740	1.37	cps
Zinc	66-2	60408	61459	61074	60980	0.87	cps
Zirconium	90-1	24945	25208	25596	25250	1.30	cps
Zirconium	91-1	5678	5688	5715	5693	0.33	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4R7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:22:03	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	237829	239031	239669	238843	0.39	cps
Antimony	121-1	20214	19947	20585	20249	1.58	cps
Arsenic	75-2	3207	3350	3414	3324	3.19	cps
Barium	135-1	25887	25526	24705	25373	2.39	cps
Barium	137-1	44115	44750	44780	44548	0.84	cps
Beryllium	9-1	137	113	167	139	19.25	cps
Bismuth	209-1	8925871	8944456	8915091	8928473	0.17	cps
Bismuth	209-2	6716823	6819260	6938908	6824997	1.63	cps
Bromine	81-1	6735	6822	6652	6736	1.26	cps
Bromine	81-2	40	53	70	54	27.61	cps
Cadmium	108-1	20	20	27	22	17.33	cps
Cadmium	106-1	2754	2687	2704	2715	1.28	cps
Cadmium	111-1	2097	2024	2067	2063	1.79	cps
Calcium	43-1	14824	15151	14991	14989	1.09	cps
Calcium	44-1	240361	241999	243341	241900	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4888	4954	4727	4856	2.40	cps
Cobalt	59-2	5908	5641	5858	5802	2.44	cps
Copper	63-2	19623	20064	19389	19692	1.74	cps
Dysprosium	156-1	2730	2787	2744	2754	1.08	cps
Dysprosium	156-2	2054	1980	1963	1999	2.40	cps
Erbium	164-1	2374	2427	2667	2489	6.28	cps
Erbium	164-2	1597	1607	1660	1621	2.10	cps
Gadolinium	160-1	2597	2627	2497	2574	2.65	cps
Gadolinium	160-2	2034	2054	2194	2094	4.16	cps
Holmium	165-1	14066626	13957624	14049240	14024497	0.42	cps
Holmium	165-2	9180874	9172582	9154701	9169385	0.15	cps
Indium	115-1	10480007	10388380	10352034	10406807	0.63	cps
Indium	115-2	3256678	3213192	3245223	3238364	0.70	cps
Iron	56-2	9502342	9571467	9438445	9504085	0.70	cps
Iron	57-2	248258	248971	246652	247960	0.48	cps
Iron	54-2	544623	544402	546131	545052	0.17	cps
Krypton	83-1	73	80	100	84	16.44	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4R7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:22:03	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	45395	45810	45907	45704	0.59	cps
Lead	207-1	42266	42954	42466	42562	0.83	cps
Lead	208-1	186215	189159	188774	188049	0.85	cps
Lithium	6-1	1894782	1885546	1894428	1891585	0.28	cps
Magnesium	24-2	143041	142745	143253	143013	0.18	cps
Manganese	55-2	126946	125457	126567	126323	0.61	cps
Molybdenum	94-1	2187	2284	2037	2169	5.73	cps
Molybdenum	95-1	340	327	273	313	11.26	cps
Molybdenum	96-1	857	907	817	860	5.24	cps
Molybdenum	97-1	173	190	170	178	6.03	cps
Molybdenum	98-1	457	403	463	441	7.46	cps
Neodymium	150-1	4617	4537	4697	4617	1.73	cps
Neodymium	150-2	2460	2387	2364	2404	2.10	cps
Nickel	60-2	2600	2607	2724	2644	2.62	cps
Phosphorus	31-2	1027	1073	1040	1047	2.30	cps
Potassium	39-2	119242	118409	118980	118877	0.36	cps
Rhodium	103-1	9224126	9214037	9042237	9160133	1.12	cps
Rhodium	103-2	5004711	5031327	5052837	5029625	0.48	cps
Scandium	45-1	4956107	5013270	4979062	4982813	0.58	cps
Scandium	45-2	399398	405268	406404	403690	0.93	cps
Selenium	82-1	339	361	385	362	6.39	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	127	187	90	134	36.30	cps
Silicon	28-1	822373	833180	836263	830605	0.88	cps
Silver	107-1	467	437	500	468	6.77	cps
Silver	109-1	340	387	337	354	7.89	cps
Sodium	23-2	12735	12555	12495	12595	0.99	cps
Strontium	86-1	7699	7642	7575	7639	0.81	cps
Strontium	88-1	63690	65080	64152	64307	1.10	cps
Sulfur	34-1	105632	105330	105501	105488	0.14	cps
Terbium	159-1	14595118	14491919	14345027	14477355	0.87	cps
Terbium	159-2	9006182	8978053	9022855	9002363	0.25	cps
Thallium	203-1	190	177	217	194	10.47	cps
Thallium	205-1	507	427	343	426	19.19	cps
Tin	118-1	1337	1563	1363	1421	8.72	cps
Titanium	47-1	58184	59610	58302	58699	1.35	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4R7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:22:03	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1080	980	947	1002	6.92	cps
Vanadium	51-2	18201	17941	17457	17866	2.11	cps
Yttrium	89-1	10529690	10679342	10525223	10578085	0.83	cps
Yttrium	89-2	2464895	2469590	2449571	2461352	0.43	cps
Zinc	66-2	12128	12248	11988	12122	1.07	cps
Zirconium	90-1	5071	5504	5488	5354	4.59	cps
Zirconium	91-1	1240	1343	1193	1259	6.10	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:25:21	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1218242	1225944	1230198	1224794	0.49	cps
Antimony	121-1	100142	102099	102438	101560	1.22	cps
Arsenic	75-2	18909	18445	18455	18603	1.42	cps
Barium	135-1	635731	646112	645208	642350	0.90	cps
Barium	137-1	1105722	1116655	1123983	1115453	0.82	cps
Beryllium	9-1	7885	7689	7875	7816	1.42	cps
Bismuth	209-1	8941064	8960253	8976882	8959399	0.20	cps
Bismuth	209-2	6851539	6873767	6839739	6855015	0.25	cps
Bromine	81-1	6995	6768	6998	6921	1.91	cps
Bromine	81-2	107	73	80	87	20.36	cps
Cadmium	108-1	930	953	1003	962	3.89	cps
Cadmium	106-1	4187	4081	3991	4086	2.41	cps
Cadmium	111-1	14442	14801	14793	14679	1.40	cps
Calcium	43-1	60339	61360	60710	60803	0.85	cps
Calcium	44-1	961140	973400	974707	969749	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88977	88712	88377	88689	0.34	cps
Cobalt	59-2	274945	275333	273228	274502	0.41	cps
Copper	63-2	181654	183705	181763	182374	0.63	cps
Dysprosium	156-1	13820	14187	14394	14134	2.06	cps
Dysprosium	156-2	10304	10601	10811	10572	2.41	cps
Erbium	164-1	12436	12669	12779	12628	1.39	cps
Erbium	164-2	8086	8032	7982	8033	0.64	cps
Gadolinium	160-1	13163	13366	13373	13301	0.90	cps
Gadolinium	160-2	9453	9540	9397	9463	0.76	cps
Holmium	165-1	14070591	14217490	14199380	14162487	0.57	cps
Holmium	165-2	9432105	9249253	9203464	9294941	1.30	cps
Indium	115-1	10369287	10497222	10444963	10437157	0.62	cps
Indium	115-2	3300038	3257339	3263344	3273574	0.71	cps
Iron	56-2	50060478	49815903	49571003	49815794	0.49	cps
Iron	57-2	1294176	1298370	1294006	1295517	0.19	cps
Iron	54-2	2754359	2702483	2707640	2721494	1.05	cps
Krypton	83-1	90	133	143	122	23.20	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:25:21	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	246079	251964	252717	250253	1.45	cps
Lead	207-1	234545	234459	234277	234427	0.06	cps
Lead	208-1	1016136	1026593	1031438	1024722	0.76	cps
Lithium	6-1	1913842	1930749	1932248	1925613	0.53	cps
Magnesium	24-2	740836	744378	737266	740827	0.48	cps
Manganese	55-2	778528	778111	776541	777727	0.13	cps
Molybdenum	94-1	9960	9670	9680	9770	1.69	cps
Molybdenum	95-1	1353	1427	1330	1370	3.68	cps
Molybdenum	96-1	3731	3794	3764	3763	0.84	cps
Molybdenum	97-1	763	753	760	759	0.67	cps
Molybdenum	98-1	1980	2070	1993	2015	2.41	cps
Neodymium	150-1	22628	23112	22848	22863	1.06	cps
Neodymium	150-2	12239	12239	12382	12287	0.67	cps
Nickel	60-2	68679	69031	70330	69347	1.25	cps
Phosphorus	31-2	4297	4244	3927	4156	4.81	cps
Potassium	39-2	447419	447983	444009	446470	0.48	cps
Rhodium	103-1	9236407	9266743	9105644	9202931	0.93	cps
Rhodium	103-2	5070768	5024853	5124456	5073359	0.98	cps
Scandium	45-1	5061058	5095939	5030157	5062385	0.65	cps
Scandium	45-2	415315	410256	411211	412261	0.65	cps
Selenium	82-1	1813	1829	1885	1842	2.07	cps
Selenium	77-2	150	183	143	159	13.49	cps
Selenium	78-2	530	570	697	599	14.53	cps
Silicon	28-1	3195534	3236423	3230290	3220749	0.68	cps
Silver	107-1	57985	60231	59896	59371	2.04	cps
Silver	109-1	57785	57671	57152	57536	0.59	cps
Sodium	23-2	25718	25167	25678	25521	1.20	cps
Strontium	86-1	37448	37925	38821	38065	1.83	cps
Strontium	88-1	327240	327461	327435	327379	0.04	cps
Sulfur	34-1	107914	106655	104414	106328	1.67	cps
Terbium	159-1	14528009	14666658	14579045	14591237	0.48	cps
Terbium	159-2	9106939	9109023	9100761	9105574	0.05	cps
Thallium	203-1	46566	46820	48248	47211	1.92	cps
Thallium	205-1	109624	110044	110131	109933	0.25	cps
Tin	118-1	3570	3577	3630	3593	0.92	cps
Titanium	47-1	289348	293503	293899	292250	0.86	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:25:21	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5324	5374	5431	5377	0.99	cps
Vanadium	51-2	229173	231471	229766	230136	0.52	cps
Yttrium	89-1	10818105	10833722	10812041	10821289	0.10	cps
Yttrium	89-2	2577737	2504199	2527837	2536591	1.48	cps
Zinc	66-2	90599	89801	90522	90307	0.49	cps
Zirconium	90-1	25252	24400	24561	24738	1.83	cps
Zirconium	91-1	5311	5628	5514	5484	2.93	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:28:35	DataFile Name :	147SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1346754	1365924	1336880	1349852	1.09	cps
Antimony	121-1	492729	494783	493398	493637	0.21	cps
Arsenic	75-2	24801	24831	24771	24801	0.12	cps
Barium	135-1	2736591	2776076	2772115	2761594	0.79	cps
Barium	137-1	4725957	4774747	4774065	4758256	0.59	cps
Beryllium	9-1	36095	36202	36723	36340	0.92	cps
Bismuth	209-1	8955320	8937651	9024666	8972546	0.51	cps
Bismuth	209-2	6743463	5724611	6713826	6393967	9.07	cps
Bromine	81-1	6635	7052	6832	6839	3.05	cps
Bromine	81-2	70	93	80	81	14.43	cps
Cadmium	108-1	4124	4314	4017	4152	3.62	cps
Cadmium	106-1	7939	8372	8376	8229	3.05	cps
Cadmium	111-1	62039	63310	63661	63003	1.35	cps
Calcium	43-1	59178	60416	60410	60001	1.19	cps
Calcium	44-1	963798	966626	973367	967930	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	330774	335152	326822	330916	1.26	cps
Cobalt	59-2	1212865	1223755	1193966	1210196	1.25	cps
Copper	63-2	501488	506360	493883	500577	1.26	cps
Dysprosium	156-1	14067	14354	13934	14118	1.52	cps
Dysprosium	156-2	10924	10681	10461	10689	2.17	cps
Erbium	164-1	12739	12652	12956	12783	1.22	cps
Erbium	164-2	7932	8079	8082	8031	1.07	cps
Gadolinium	160-1	13413	13744	13540	13566	1.23	cps
Gadolinium	160-2	9430	9547	9263	9413	1.51	cps
Holmium	165-1	14113806	14045256	14033475	14064179	0.31	cps
Holmium	165-2	9254724	7855100	9242085	8783970	9.16	cps
Indium	115-1	10391145	10423226	10362964	10392445	0.29	cps
Indium	115-2	3212786	2759068	3161414	3044423	8.16	cps
Iron	56-2	50598106	50878824	49303423	50260118	1.67	cps
Iron	57-2	1320989	1320231	1298627	1313282	0.97	cps
Iron	54-2	2722579	2769192	2730520	2740764	0.91	cps
Krypton	83-1	143	107	143	131	16.15	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:28:35	DataFile Name :	147SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	312143	314376	315963	314161	0.61	cps
Lead	207-1	284523	286182	287559	286088	0.53	cps
Lead	208-1	1268237	1272541	1277979	1272919	0.38	cps
Lithium	6-1	1890078	1886864	1911024	1895989	0.69	cps
Magnesium	24-2	736494	741142	727267	734968	0.96	cps
Manganese	55-2	1243505	1241936	1214324	1233255	1.33	cps
Molybdenum	94-1	10094	9760	9877	9910	1.71	cps
Molybdenum	95-1	1283	1350	1247	1293	4.05	cps
Molybdenum	96-1	3841	3657	4007	3835	4.57	cps
Molybdenum	97-1	700	733	860	764	11.04	cps
Molybdenum	98-1	1997	1973	1960	1977	0.94	cps
Neodymium	150-1	23253	23333	22999	23195	0.75	cps
Neodymium	150-2	12432	12362	12205	12333	0.94	cps
Nickel	60-2	306055	308139	302328	305507	0.96	cps
Phosphorus	31-2	4184	4334	4081	4200	3.03	cps
Potassium	39-2	445867	446160	439388	443805	0.86	cps
Rhodium	103-1	9108627	9215897	9162279	9162268	0.59	cps
Rhodium	103-2	5076909	4252276	5016273	4781820	9.61	cps
Scandium	45-1	5007819	4958728	5008590	4991712	0.57	cps
Scandium	45-2	405257	351270	404156	386894	7.98	cps
Selenium	82-1	7722	7924	8070	7905	2.21	cps
Selenium	77-2	720	673	663	686	4.41	cps
Selenium	78-2	2400	2224	2247	2290	4.19	cps
Silicon	28-1	3243596	3259514	3278179	3260430	0.53	cps
Silver	107-1	269665	234799	234606	246356	8.19	cps
Silver	109-1	222937	223732	224602	223757	0.37	cps
Sodium	23-2	25822	26052	25878	25917	0.46	cps
Strontium	86-1	37481	38233	37919	37877	1.00	cps
Strontium	88-1	327991	330321	329420	329244	0.36	cps
Sulfur	34-1	103148	103612	103011	103257	0.30	cps
Terbium	159-1	14541153	14743100	14458571	14580941	1.00	cps
Terbium	159-2	8970186	7669372	9065348	8568302	9.10	cps
Thallium	203-1	234067	235699	234753	234840	0.35	cps
Thallium	205-1	561428	568963	569562	566651	0.80	cps
Tin	118-1	3394	3477	3387	3419	1.47	cps
Titanium	47-1	289725	292995	291379	291366	0.56	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2809-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4R7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:28:35	DataFile Name :	147SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5068	5234	5311	5204	2.39	cps
Vanadium	51-2	760427	768069	752142	760213	1.05	cps
Yttrium	89-1	10786707	10893371	10796260	10825446	0.55	cps
Yttrium	89-2	2495543	2118119	2495391	2369684	9.19	cps
Zinc	66-2	199750	202527	198164	200147	1.10	cps
Zirconium	90-1	24220	24500	23773	24164	1.52	cps
Zirconium	91-1	5354	5658	5571	5528	2.83	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:31:50	DataFile Name :	148SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2198013	2223356	2204659	2208676	0.59	cps
Antimony	121-1	4637	4514	4811	4654	3.20	cps
Arsenic	75-2	35369	35412	34891	35224	0.82	cps
Barium	135-1	227201	229676	227891	228256	0.56	cps
Barium	137-1	396722	394991	401545	397753	0.85	cps
Beryllium	9-1	520	480	547	516	6.51	cps
Bismuth	209-1	8671673	8804995	8615377	8697348	1.12	cps
Bismuth	209-2	6574157	6676989	6611598	6620915	0.79	cps
Bromine	81-1	7412	7485	7672	7523	1.78	cps
Bromine	81-2	110	160	130	133	18.87	cps
Cadmium	108-1	83	70	60	71	16.46	cps
Cadmium	106-1	2800	2880	2707	2796	3.10	cps
Cadmium	111-1	2402	2387	2303	2364	2.26	cps
Calcium	43-1	51885	53367	53347	52866	1.61	cps
Calcium	44-1	847610	859214	855387	854070	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	196866	195466	193244	195192	0.94	cps
Cobalt	59-2	89317	89022	89917	89419	0.51	cps
Copper	63-2	148333	147353	147007	147564	0.47	cps
Dysprosium	156-1	16613	17237	16974	16941	1.85	cps
Dysprosium	156-2	11965	12342	12923	12410	3.89	cps
Erbium	164-1	13243	13587	13917	13582	2.48	cps
Erbium	164-2	8679	8663	9036	8793	2.40	cps
Gadolinium	160-1	15886	15625	16089	15867	1.47	cps
Gadolinium	160-2	11008	10798	10874	10893	0.98	cps
Holmium	165-1	14248906	14143736	13875424	14089355	1.37	cps
Holmium	165-2	8944359	9127612	9145550	9072507	1.23	cps
Indium	115-1	10388920	10335378	10319417	10347905	0.35	cps
Indium	115-2	3179543	3198455	3162144	3180047	0.57	cps
Iron	56-2	88363972	88468069	88555249	88462430	0.11	cps
Iron	57-2	2159687	2189297	2190017	2179667	0.79	cps
Iron	54-2	4790224	4802698	4797617	4796846	0.13	cps
Krypton	83-1	130	120	127	126	4.06	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:31:50	DataFile Name :	148SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	54954	55322	54281	54852	0.96	cps
Lead	207-1	48151	48305	48171	48209	0.17	cps
Lead	208-1	216067	218787	216008	216954	0.73	cps
Lithium	6-1	1865489	1893978	1868939	1876136	0.83	cps
Magnesium	24-2	2259122	2303340	2250442	2270968	1.25	cps
Manganese	55-2	1732773	1731201	1705058	1723011	0.90	cps
Molybdenum	94-1	10027	10844	10611	10494	4.01	cps
Molybdenum	95-1	1683	1747	1727	1719	1.88	cps
Molybdenum	96-1	4894	4681	4898	4824	2.57	cps
Molybdenum	97-1	967	1060	1100	1042	6.57	cps
Molybdenum	98-1	2767	2810	2850	2809	1.48	cps
Neodymium	150-1	27971	27994	27463	27810	1.08	cps
Neodymium	150-2	14831	14454	14401	14562	1.61	cps
Nickel	60-2	46987	47371	47411	47256	0.50	cps
Phosphorus	31-2	3420	3714	3637	3590	4.24	cps
Potassium	39-2	660253	658518	652444	657071	0.62	cps
Rhodium	103-1	9075519	9094802	9153051	9107791	0.44	cps
Rhodium	103-2	4947339	4948830	4953725	4949965	0.07	cps
Scandium	45-1	5011616	5074189	5028882	5038229	0.64	cps
Scandium	45-2	405658	407699	408848	407402	0.40	cps
Selenium	82-1	340	360	317	339	6.45	cps
Selenium	77-2	37	20	53	37	45.45	cps
Selenium	78-2	147	187	187	173	13.32	cps
Silicon	28-1	1666740	1697377	1720335	1694817	1.59	cps
Silver	107-1	927	753	683	788	15.90	cps
Silver	109-1	797	623	633	684	14.22	cps
Sodium	23-2	21375	21161	20507	21014	2.15	cps
Strontium	86-1	42859	42845	43741	43149	1.19	cps
Strontium	88-1	374629	376474	374973	375358	0.26	cps
Sulfur	34-1	103705	102927	104501	103711	0.76	cps
Terbium	159-1	14598104	14434443	14527802	14520116	0.57	cps
Terbium	159-2	8983142	8960873	8841751	8928589	0.85	cps
Thallium	203-1	653	627	707	662	6.15	cps
Thallium	205-1	1493	1483	1533	1503	1.76	cps
Tin	118-1	3924	4134	4194	4084	3.47	cps
Titanium	47-1	111148	112118	112400	111888	0.59	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:31:50	DataFile Name :	148SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6805	7145	6925	6959	2.48	cps
Vanadium	51-2	193378	193422	193530	193443	0.04	cps
Yttrium	89-1	10612944	10753174	10692041	10686053	0.66	cps
Yttrium	89-2	2464846	2489054	2461162	2471687	0.61	cps
Zinc	66-2	29229	29980	30247	29819	1.77	cps
Zirconium	90-1	25522	26213	26360	26032	1.72	cps
Zirconium	91-1	5815	5885	5915	5871	0.87	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:35:01	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2114739	2114453	2137400	2122197	0.62	cps
Antimony	121-1	4204	4277	4184	4222	1.16	cps
Arsenic	75-2	33628	33548	33267	33481	0.57	cps
Barium	135-1	215780	218420	213550	215917	1.13	cps
Barium	137-1	373830	374382	379803	376005	0.88	cps
Beryllium	9-1	393	413	510	439	14.22	cps
Bismuth	209-1	8731092	8699707	8523409	8651403	1.29	cps
Bismuth	209-2	6572721	6632909	6548933	6584854	0.66	cps
Bromine	81-1	8029	7459	7832	7773	3.73	cps
Bromine	81-2	143	117	160	140	15.61	cps
Cadmium	108-1	50	60	47	52	13.28	cps
Cadmium	106-1	2877	2810	2820	2836	1.27	cps
Cadmium	111-1	2432	2345	2342	2373	2.16	cps
Calcium	43-1	50758	50223	50447	50476	0.53	cps
Calcium	44-1	812778	816512	818622	815971	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	187439	187018	186258	186905	0.32	cps
Cobalt	59-2	83973	85196	85344	84838	0.89	cps
Copper	63-2	139775	139011	141064	139950	0.74	cps
Dysprosium	156-1	16183	15892	15886	15987	1.06	cps
Dysprosium	156-2	11775	11575	11745	11698	0.92	cps
Erbium	164-1	12883	13050	13210	13047	1.25	cps
Erbium	164-2	8339	8576	8286	8400	1.84	cps
Gadolinium	160-1	14991	15148	15198	15113	0.71	cps
Gadolinium	160-2	10334	10557	10214	10368	1.68	cps
Holmium	165-1	13835715	14153972	13577698	13855795	2.08	cps
Holmium	165-2	8947238	9015274	8982047	8981520	0.38	cps
Indium	115-1	10239957	10321049	10099378	10220128	1.10	cps
Indium	115-2	3158221	3121579	3158516	3146105	0.68	cps
Iron	56-2	83888420	82816697	84603345	83769488	1.07	cps
Iron	57-2	2080241	2071378	2083538	2078386	0.30	cps
Iron	54-2	4565954	4563793	4538525	4556091	0.33	cps
Krypton	83-1	97	123	83	101	20.15	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:35:01	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	51383	53351	50945	51893	2.47	cps
Lead	207-1	44171	45165	44372	44569	1.18	cps
Lead	208-1	203973	204928	203719	204207	0.31	cps
Lithium	6-1	1892703	1886789	1885182	1888225	0.21	cps
Magnesium	24-2	2154185	2148017	2166795	2156332	0.44	cps
Manganese	55-2	1630174	1605258	1631455	1622296	0.91	cps
Molybdenum	94-1	10707	10734	10881	10774	0.87	cps
Molybdenum	95-1	1727	1730	1587	1681	4.87	cps
Molybdenum	96-1	4651	4814	4741	4735	1.73	cps
Molybdenum	97-1	953	1080	1020	1018	6.23	cps
Molybdenum	98-1	2677	2547	2530	2585	3.11	cps
Neodymium	150-1	26291	26458	26779	26509	0.93	cps
Neodymium	150-2	14241	14144	14541	14308	1.45	cps
Nickel	60-2	45419	45158	45432	45336	0.34	cps
Phosphorus	31-2	3687	3494	3317	3499	5.29	cps
Potassium	39-2	635573	631414	625184	630724	0.83	cps
Rhodium	103-1	8972285	9080274	8915316	8989292	0.93	cps
Rhodium	103-2	4881440	4929127	4908249	4906272	0.49	cps
Scandium	45-1	5054597	5042531	5011014	5036048	0.45	cps
Scandium	45-2	403714	401596	404952	403421	0.42	cps
Selenium	82-1	368	361	411	380	7.12	cps
Selenium	77-2	30	7	50	29	75.07	cps
Selenium	78-2	157	133	163	151	10.42	cps
Silicon	28-1	1709530	1737146	1725056	1723911	0.80	cps
Silver	107-1	550	557	607	571	5.42	cps
Silver	109-1	470	533	493	499	6.42	cps
Sodium	23-2	21031	20323	20550	20635	1.75	cps
Strontium	86-1	40445	40893	40947	40762	0.68	cps
Strontium	88-1	357128	352016	362991	357378	1.54	cps
Sulfur	34-1	106884	105313	106736	106311	0.82	cps
Terbium	159-1	14210941	14283889	14224779	14239870	0.27	cps
Terbium	159-2	9034741	8710707	8760034	8835161	1.98	cps
Thallium	203-1	560	580	573	571	1.78	cps
Thallium	205-1	1440	1440	1453	1445	0.53	cps
Tin	118-1	3854	3921	3987	3921	1.70	cps
Titanium	47-1	109870	110086	108549	109502	0.76	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:35:01	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6422	6415	6615	6484	1.75	cps
Vanadium	51-2	182336	184765	182782	183294	0.71	cps
Yttrium	89-1	10844237	10604288	10605249	10684591	1.29	cps
Yttrium	89-2	2442969	2454299	2492494	2463254	1.05	cps
Zinc	66-2	27996	28076	27749	27941	0.61	cps
Zirconium	90-1	26644	26808	26617	26690	0.39	cps
Zirconium	91-1	5998	6035	5851	5961	1.63	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5B3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:38:15	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	437501	437636	436405	437180	0.15	cps
Antimony	121-1	993	847	923	921	7.96	cps
Arsenic	75-2	6878	6972	6862	6904	0.86	cps
Barium	135-1	43603	43570	44399	43857	1.07	cps
Barium	137-1	76330	75338	75479	75715	0.71	cps
Beryllium	9-1	117	133	143	131	10.28	cps
Bismuth	209-1	8608426	8657896	8576604	8614309	0.48	cps
Bismuth	209-2	6685626	6562835	6564126	6604196	1.07	cps
Bromine	81-1	7265	7662	7245	7391	3.18	cps
Bromine	81-2	63	77	47	62	24.16	cps
Cadmium	108-1	17	40	40	32	41.80	cps
Cadmium	106-1	2994	2967	2614	2858	7.42	cps
Cadmium	111-1	2164	2162	1892	2073	7.56	cps
Calcium	43-1	10130	10741	10300	10390	3.03	cps
Calcium	44-1	168952	166876	167871	167900	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38065	38405	38021	38164	0.55	cps
Cobalt	59-2	17757	17891	17293	17647	1.78	cps
Copper	63-2	29900	29379	29396	29558	1.00	cps
Dysprosium	156-1	3307	3307	3197	3270	1.94	cps
Dysprosium	156-2	2370	2450	2414	2411	1.66	cps
Erbium	164-1	2714	2630	2717	2687	1.83	cps
Erbium	164-2	1653	1890	1673	1739	7.55	cps
Gadolinium	160-1	3104	3120	3007	3077	1.99	cps
Gadolinium	160-2	2434	2360	2417	2404	1.60	cps
Holmium	165-1	13713369	13662090	13575925	13650461	0.51	cps
Holmium	165-2	9050217	8848148	8811719	8903361	1.44	cps
Indium	115-1	10153246	10142484	10225548	10173759	0.44	cps
Indium	115-2	3210024	3143135	3146383	3166514	1.19	cps
Iron	56-2	17236520	17038221	17164787	17146509	0.59	cps
Iron	57-2	447701	445113	446151	446322	0.29	cps
Iron	54-2	983702	987924	980731	984119	0.37	cps
Krypton	83-1	100	100	107	102	3.77	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5B3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:38:15	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10988	11131	11181	11100	0.90	cps
Lead	207-1	9637	9587	9590	9605	0.29	cps
Lead	208-1	43451	43764	43691	43635	0.38	cps
Lithium	6-1	1854293	1835972	1861857	1850708	0.72	cps
Magnesium	24-2	453865	452876	454219	453654	0.15	cps
Manganese	55-2	342222	341004	340616	341281	0.25	cps
Molybdenum	94-1	2197	2204	2114	2171	2.31	cps
Molybdenum	95-1	303	330	320	318	4.24	cps
Molybdenum	96-1	887	993	1027	969	7.55	cps
Molybdenum	97-1	193	223	173	197	12.80	cps
Molybdenum	98-1	543	583	610	579	5.80	cps
Neodymium	150-1	5484	5108	5584	5392	4.66	cps
Neodymium	150-2	2880	2890	2930	2900	0.91	cps
Nickel	60-2	9326	9303	9840	9490	3.20	cps
Phosphorus	31-2	683	693	777	718	7.14	cps
Potassium	39-2	149105	147906	147645	148219	0.53	cps
Rhodium	103-1	9044711	8973776	8975338	8997942	0.45	cps
Rhodium	103-2	4978534	4949550	4941198	4956427	0.40	cps
Scandium	45-1	4962778	4947194	4905559	4938510	0.60	cps
Scandium	45-2	399295	397109	395169	397191	0.52	cps
Selenium	82-1	369	319	365	351	8.01	cps
Selenium	77-2	10	10	17	12	31.50	cps
Selenium	78-2	103	107	97	102	4.98	cps
Silicon	28-1	422607	418595	423640	421614	0.63	cps
Silver	107-1	147	163	150	153	5.75	cps
Silver	109-1	93	100	170	121	35.07	cps
Sodium	23-2	10027	9486	9670	9728	2.82	cps
Strontium	86-1	8569	8409	8526	8501	0.97	cps
Strontium	88-1	72538	73492	72695	72908	0.70	cps
Sulfur	34-1	108103	106844	106360	107102	0.84	cps
Terbium	159-1	14097716	14026024	13846648	13990129	0.92	cps
Terbium	159-2	8820308	8787861	8624483	8744217	1.20	cps
Thallium	203-1	240	213	177	210	15.14	cps
Thallium	205-1	530	437	377	448	17.26	cps
Tin	118-1	1137	1150	1173	1153	1.61	cps
Titanium	47-1	21365	21999	21969	21778	1.64	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5B3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:38:15	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1310	1457	1343	1370	5.61	cps
Vanadium	51-2	37042	37687	37517	37415	0.89	cps
Yttrium	89-1	10543204	10412511	10469992	10475236	0.63	cps
Yttrium	89-2	2370637	2412370	2369626	2384211	1.02	cps
Zinc	66-2	6081	5788	5865	5911	2.57	cps
Zirconium	90-1	5354	5785	5558	5566	3.87	cps
Zirconium	91-1	1263	1237	1277	1259	1.62	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:41:31	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2133614	2095088	2105316	2111339	0.95	cps
Antimony	121-1	103203	103576	103264	103348	0.19	cps
Arsenic	75-2	34654	34082	34193	34310	0.88	cps
Barium	135-1	722126	723213	730825	725388	0.65	cps
Barium	137-1	1266158	1264687	1250576	1260474	0.68	cps
Beryllium	9-1	7925	7895	8286	8035	2.70	cps
Bismuth	209-1	8495354	8542993	8539164	8525837	0.31	cps
Bismuth	209-2	6422375	6375818	6519962	6439385	1.14	cps
Bromine	81-1	7132	7105	7372	7203	2.04	cps
Bromine	81-2	120	133	117	123	7.15	cps
Cadmium	108-1	943	847	880	890	5.52	cps
Cadmium	106-1	3851	3981	3791	3874	2.51	cps
Cadmium	111-1	14257	14586	14593	14479	1.33	cps
Calcium	43-1	50443	51577	49581	50534	1.98	cps
Calcium	44-1	808983	813635	810509	811042	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249257	246262	243152	246223	1.24	cps
Cobalt	59-2	326484	325184	326102	325923	0.21	cps
Copper	63-2	222539	218092	218177	219603	1.16	cps
Dysprosium	156-1	16410	15575	15425	15803	3.36	cps
Dysprosium	156-2	11478	12102	11732	11771	2.67	cps
Erbium	164-1	12743	12669	13153	12855	2.03	cps
Erbium	164-2	8553	8366	8343	8420	1.37	cps
Gadolinium	160-1	14751	14798	14941	14830	0.67	cps
Gadolinium	160-2	10461	10194	10194	10283	1.50	cps
Holmium	165-1	13617825	13576249	13763886	13652653	0.72	cps
Holmium	165-2	8826607	8930977	9050121	8935902	1.25	cps
Indium	115-1	10154617	10095221	10113546	10121128	0.30	cps
Indium	115-2	3123707	3074814	3139092	3112538	1.08	cps
Iron	56-2	83550347	82859960	82896037	83102115	0.47	cps
Iron	57-2	2076285	2035818	2048392	2053499	1.01	cps
Iron	54-2	4597962	4482130	4439701	4506598	1.82	cps
Krypton	83-1	107	60	130	99	36.04	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:41:31	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	65996	66344	66860	66400	0.65	cps
Lead	207-1	57919	58187	57836	57981	0.32	cps
Lead	208-1	261877	265140	261665	262894	0.74	cps
Lithium	6-1	1902924	1862672	1886393	1883996	1.07	cps
Magnesium	24-2	2150489	2123331	2147132	2140317	0.69	cps
Manganese	55-2	1743366	1718528	1714194	1725363	0.91	cps
Molybdenum	94-1	10244	10474	10500	10406	1.36	cps
Molybdenum	95-1	1633	1573	1600	1602	1.88	cps
Molybdenum	96-1	4801	4928	4694	4808	2.43	cps
Molybdenum	97-1	1083	987	1037	1036	4.67	cps
Molybdenum	98-1	2527	2590	2474	2530	2.31	cps
Neodymium	150-1	25837	25456	26221	25838	1.48	cps
Neodymium	150-2	13780	13733	13867	13794	0.49	cps
Nickel	60-2	105527	105222	104041	104930	0.75	cps
Phosphorus	31-2	3457	3310	3440	3403	2.36	cps
Potassium	39-2	626835	618059	620716	621870	0.72	cps
Rhodium	103-1	9043377	8966758	8865787	8958641	0.99	cps
Rhodium	103-2	4791329	4882528	4948655	4874171	1.62	cps
Scandium	45-1	4993090	4955084	4961404	4969859	0.41	cps
Scandium	45-2	404974	397606	400336	400972	0.93	cps
Selenium	82-1	1940	1880	1833	1884	2.86	cps
Selenium	77-2	170	160	197	176	10.80	cps
Selenium	78-2	547	580	517	548	5.78	cps
Silicon	28-1	1678044	1683112	1683418	1681525	0.18	cps
Silver	107-1	57550	58159	59046	58252	1.29	cps
Silver	109-1	55599	57119	56677	56465	1.38	cps
Sodium	23-2	19482	19142	19099	19241	1.09	cps
Strontium	86-1	41632	41368	41101	41367	0.64	cps
Strontium	88-1	355033	356239	352900	354724	0.48	cps
Sulfur	34-1	103263	103635	101504	102801	1.11	cps
Terbium	159-1	14292019	14111140	13953827	14118996	1.20	cps
Terbium	159-2	8815032	8627656	8774868	8739185	1.13	cps
Thallium	203-1	48385	47135	47429	47650	1.37	cps
Thallium	205-1	111441	114248	111327	112339	1.47	cps
Tin	118-1	4247	3911	4114	4091	4.15	cps
Titanium	47-1	107199	108112	108277	107863	0.54	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:41:31	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6622	6472	6482	6525	1.29	cps
Vanadium	51-2	321115	318674	319460	319750	0.39	cps
Yttrium	89-1	10525582	10492538	10504242	10507454	0.16	cps
Yttrium	89-2	2427286	2433611	2446148	2435682	0.39	cps
Zinc	66-2	56158	56259	56563	56327	0.37	cps
Zirconium	90-1	25295	26297	26040	25877	2.01	cps
Zirconium	91-1	5818	5915	5601	5778	2.78	cps

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On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:44:45	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2172874	2113623	2164853	2150450	1.49	cps
Antimony	121-1	448682	453877	451082	451214	0.58	cps
Arsenic	75-2	39405	39061	39422	39296	0.52	cps
Barium	135-1	2621251	2678903	2630906	2643687	1.17	cps
Barium	137-1	4571850	4618466	4600759	4597025	0.51	cps
Beryllium	9-1	34909	34144	34836	34630	1.22	cps
Bismuth	209-1	8603493	8521140	8446966	8523867	0.92	cps
Bismuth	209-2	6578527	6464124	5146870	6063174	13.12	cps
Bromine	81-1	7138	6852	6678	6889	3.37	cps
Bromine	81-2	143	100	140	128	18.87	cps
Cadmium	108-1	3684	3554	3744	3660	2.65	cps
Cadmium	106-1	7745	7952	7622	7773	2.15	cps
Cadmium	111-1	57566	57273	58067	57635	0.70	cps
Calcium	43-1	48263	47805	46966	47678	1.38	cps
Calcium	44-1	774275	773370	776431	774692	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	457939	458143	465889	460657	0.98	cps
Cobalt	59-2	1173696	1148638	1162574	1161636	1.08	cps
Copper	63-2	497628	498554	499940	498707	0.23	cps
Dysprosium	156-1	15439	15549	15205	15397	1.14	cps
Dysprosium	156-2	11161	11201	11535	11299	1.82	cps
Erbium	164-1	12225	12546	12466	12412	1.34	cps
Erbium	164-2	8052	7932	8343	8109	2.60	cps
Gadolinium	160-1	14434	14518	14074	14342	1.64	cps
Gadolinium	160-2	9970	10027	10064	10020	0.47	cps
Holmium	165-1	13752944	13571712	13585914	13636857	0.74	cps
Holmium	165-2	9065962	8779503	7045685	8297050	13.18	cps
Indium	115-1	10069353	10079474	9963316	10037381	0.64	cps
Indium	115-2	3113415	3041779	2508704	2887966	11.44	cps
Iron	56-2	80359020	79706880	80405345	80157082	0.49	cps
Iron	57-2	2006193	1989632	1987578	1994468	0.51	cps
Iron	54-2	4377312	4366420	4403920	4382551	0.44	cps
Krypton	83-1	97	153	90	113	30.71	cps

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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:44:45	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	118887	118511	118615	118671	0.16	cps
Lead	207-1	103537	103063	104800	103800	0.86	cps
Lead	208-1	470611	470740	474309	471887	0.44	cps
Lithium	6-1	1865382	1868532	1858183	1864032	0.28	cps
Magnesium	24-2	2047921	2072151	2040569	2053547	0.80	cps
Manganese	55-2	2063022	2043487	2093342	2066617	1.22	cps
Molybdenum	94-1	10107	9813	10050	9990	1.56	cps
Molybdenum	95-1	1720	1590	1650	1653	3.94	cps
Molybdenum	96-1	4217	4481	4341	4346	3.03	cps
Molybdenum	97-1	947	900	1003	950	5.45	cps
Molybdenum	98-1	2514	2447	2374	2445	2.87	cps
Neodymium	150-1	24925	25183	25129	25079	0.54	cps
Neodymium	150-2	13233	13547	13687	13489	1.72	cps
Nickel	60-2	312689	312108	317197	313998	0.89	cps
Phosphorus	31-2	3240	3454	3240	3311	3.72	cps
Potassium	39-2	597807	589556	596294	594552	0.74	cps
Rhodium	103-1	8958108	8858242	8798361	8871571	0.91	cps
Rhodium	103-2	4880914	4680743	3826108	4462588	12.55	cps
Scandium	45-1	4992768	4928051	4900878	4940566	0.96	cps
Scandium	45-2	395822	393662	315987	368490	12.34	cps
Selenium	82-1	7263	7160	7212	7212	0.72	cps
Selenium	77-2	687	580	567	611	10.76	cps
Selenium	78-2	2107	2020	2097	2075	2.29	cps
Silicon	28-1	1619507	1608932	1611186	1613208	0.35	cps
Silver	107-1	216304	224733	235951	225662	4.37	cps
Silver	109-1	220838	250725	264219	245261	9.05	cps
Sodium	23-2	18498	19232	18668	18799	2.04	cps
Strontium	86-1	39513	38811	39700	39341	1.19	cps
Strontium	88-1	341595	343232	341811	342213	0.26	cps
Sulfur	34-1	99783	99528	97767	99026	1.11	cps
Terbium	159-1	14240120	14035995	14075727	14117281	0.77	cps
Terbium	159-2	8658619	8760672	7026672	8148654	11.94	cps
Thallium	203-1	214256	212751	216960	214656	0.99	cps
Thallium	205-1	507843	510795	511376	510005	0.37	cps
Tin	118-1	3510	3577	3754	3614	3.48	cps
Titanium	47-1	101702	102088	102477	102089	0.38	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2819-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5B3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:44:45	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6225	6188	6555	6323	3.20	cps
Vanadium	51-2	797128	784511	796147	792595	0.89	cps
Yttrium	89-1	10543335	10452337	10446615	10480762	0.52	cps
Yttrium	89-2	2445496	2365811	1882261	2231189	13.66	cps
Zinc	66-2	156527	151775	155182	154495	1.59	cps
Zirconium	90-1	23823	24594	24277	24231	1.60	cps
Zirconium	91-1	5398	5444	5514	5452	1.08	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:47:54	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1671215	1655333	1645910	1657486	0.77	cps
Antimony	121-1	4391	4494	4357	4414	1.62	cps
Arsenic	75-2	20054	19576	19630	19753	1.32	cps
Barium	135-1	195392	197699	200765	197952	1.36	cps
Barium	137-1	347345	344686	343773	345268	0.54	cps
Beryllium	9-1	380	463	380	408	11.80	cps
Bismuth	209-1	8621329	8512087	8587114	8573510	0.65	cps
Bismuth	209-2	6600651	6562606	6515072	6559443	0.65	cps
Bromine	81-1	6478	6888	7132	6833	4.83	cps
Bromine	81-2	87	143	103	111	26.21	cps
Cadmium	108-1	80	77	80	79	2.44	cps
Cadmium	106-1	2764	2600	2717	2694	3.12	cps
Cadmium	111-1	2295	2113	2193	2200	4.15	cps
Calcium	43-1	62076	62475	61912	62154	0.47	cps
Calcium	44-1	990020	997391	1007507	998306	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114594	112724	112287	113202	1.08	cps
Cobalt	59-2	58216	59106	57664	58328	1.25	cps
Copper	63-2	121377	119700	119085	120054	0.99	cps
Dysprosium	156-1	14127	14414	14347	14296	1.05	cps
Dysprosium	156-2	10447	10584	10397	10476	0.92	cps
Erbium	164-1	11288	11151	11451	11297	1.33	cps
Erbium	164-2	7389	7069	7279	7245	2.25	cps
Gadolinium	160-1	12783	12796	12489	12689	1.37	cps
Gadolinium	160-2	9006	9070	9163	9080	0.87	cps
Holmium	165-1	13390271	13736989	13849879	13659046	1.75	cps
Holmium	165-2	8967502	8938336	9016513	8974117	0.44	cps
Indium	115-1	9851778	10012832	10163965	10009525	1.56	cps
Indium	115-2	3144935	3134066	3092933	3123978	0.88	cps
Iron	56-2	62666481	62543042	61663119	62290881	0.88	cps
Iron	57-2	1534300	1537240	1525319	1532286	0.41	cps
Iron	54-2	3409309	3384908	3407484	3400567	0.40	cps
Krypton	83-1	117	90	143	117	22.86	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:47:54	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	48606	48928	50433	49322	1.98	cps
Lead	207-1	43767	43636	43055	43486	0.87	cps
Lead	208-1	195487	194681	196235	195468	0.40	cps
Lithium	6-1	1844608	1836380	1877950	1852979	1.19	cps
Magnesium	24-2	1517650	1505790	1489132	1504191	0.95	cps
Manganese	55-2	1302955	1299677	1296568	1299733	0.25	cps
Molybdenum	94-1	14127	14247	14140	14171	0.46	cps
Molybdenum	95-1	1160	1310	1257	1242	6.12	cps
Molybdenum	96-1	4697	4577	4544	4606	1.75	cps
Molybdenum	97-1	797	737	780	771	4.02	cps
Molybdenum	98-1	1890	1970	2117	1992	5.77	cps
Neodymium	150-1	23403	24027	23964	23798	1.44	cps
Neodymium	150-2	13110	13426	12789	13108	2.43	cps
Nickel	60-2	31580	30975	30661	31072	1.50	cps
Phosphorus	31-2	3214	3154	3124	3164	1.45	cps
Potassium	39-2	607479	604773	599640	603964	0.66	cps
Rhodium	103-1	8890753	8900245	8811678	8867559	0.55	cps
Rhodium	103-2	4903792	4866176	4829051	4866340	0.77	cps
Scandium	45-1	4826099	4788794	4874770	4829888	0.89	cps
Scandium	45-2	397467	395640	392273	395127	0.67	cps
Selenium	82-1	348	383	321	350	8.87	cps
Selenium	77-2	47	13	33	31	53.94	cps
Selenium	78-2	140	153	133	142	7.16	cps
Silicon	28-1	1232476	1203852	1216219	1217516	1.18	cps
Silver	107-1	770	840	743	784	6.36	cps
Silver	109-1	790	673	627	697	12.08	cps
Sodium	23-2	26379	25575	25965	25973	1.55	cps
Strontium	86-1	40666	41388	40983	41012	0.88	cps
Strontium	88-1	355293	356182	356646	356040	0.19	cps
Sulfur	34-1	104119	99226	100716	101353	2.47	cps
Terbium	159-1	14312824	14238204	14043224	14198084	0.98	cps
Terbium	159-2	8742571	8828344	8756335	8775750	0.52	cps
Thallium	203-1	567	683	610	620	9.51	cps
Thallium	205-1	1453	1457	1360	1423	3.86	cps
Tin	118-1	4331	4447	4521	4433	2.16	cps
Titanium	47-1	132826	132339	133479	132881	0.43	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:47:54	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5821	5905	5925	5884	0.93	cps
Vanadium	51-2	129116	128585	127849	128517	0.50	cps
Yttrium	89-1	10487500	10440339	10436883	10454907	0.27	cps
Yttrium	89-2	2415810	2412549	2413886	2414082	0.07	cps
Zinc	66-2	23492	23759	23185	23479	1.22	cps
Zirconium	90-1	36502	36562	36382	36482	0.25	cps
Zirconium	91-1	8099	7866	8506	8157	3.97	cps

1000

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:51:09	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1664757	1650772	1653988	1656506	0.44	cps
Antimony	121-1	4064	4461	4291	4272	4.66	cps
Arsenic	75-2	19586	19503	19132	19407	1.24	cps
Barium	135-1	193638	198852	198638	197043	1.50	cps
Barium	137-1	338651	339187	343681	340506	0.81	cps
Beryllium	9-1	410	463	467	447	7.12	cps
Bismuth	209-1	8709655	8698812	8461826	8623431	1.62	cps
Bismuth	209-2	6462334	6481689	6742255	6562093	2.38	cps
Bromine	81-1	7188	6958	7335	7161	2.65	cps
Bromine	81-2	123	100	133	119	14.39	cps
Cadmium	108-1	80	77	83	80	4.16	cps
Cadmium	106-1	2967	2620	2847	2811	6.26	cps
Cadmium	111-1	2444	2207	2288	2313	5.21	cps
Calcium	43-1	61226	61631	61527	61461	0.34	cps
Calcium	44-1	992936	996078	999274	996096	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110931	110702	109806	110480	0.54	cps
Cobalt	59-2	57269	58460	57490	57739	1.10	cps
Copper	63-2	120406	121051	120789	120749	0.27	cps
Dysprosium	156-1	13743	14097	13917	13919	1.27	cps
Dysprosium	156-2	10661	10451	9964	10358	3.45	cps
Erbium	164-1	11068	11642	11355	11355	2.53	cps
Erbium	164-2	7102	7455	7562	7373	3.27	cps
Gadolinium	160-1	13146	12986	12903	13012	0.95	cps
Gadolinium	160-2	9193	8953	9020	9055	1.37	cps
Holmium	165-1	13497786	13390842	13283326	13390652	0.80	cps
Holmium	165-2	8809737	8866068	9036643	8904149	1.33	cps
Indium	115-1	9981123	9892344	9839282	9904250	0.72	cps
Indium	115-2	3058384	3057403	3144350	3086712	1.62	cps
Iron	56-2	62246859	62010527	61157032	61804806	0.93	cps
Iron	57-2	1549782	1552156	1519640	1540526	1.18	cps
Iron	54-2	3385075	3371003	3344882	3366987	0.61	cps
Krypton	83-1	97	77	100	91	13.85	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:51:09	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	50041	50313	49346	49900	1.00	cps
Lead	207-1	42259	42603	43078	42647	0.96	cps
Lead	208-1	194501	197195	197220	196306	0.80	cps
Lithium	6-1	1882257	1850415	1871779	1868150	0.87	cps
Magnesium	24-2	1467726	1485970	1458658	1470785	0.95	cps
Manganese	55-2	1294258	1292070	1278931	1288420	0.64	cps
Molybdenum	94-1	14117	14094	14571	14260	1.89	cps
Molybdenum	95-1	1340	1303	1250	1298	3.49	cps
Molybdenum	96-1	4707	4564	4551	4607	1.89	cps
Molybdenum	97-1	793	827	740	787	5.56	cps
Molybdenum	98-1	1687	2124	1993	1935	11.59	cps
Neodymium	150-1	24001	24368	24615	24328	1.27	cps
Neodymium	150-2	13110	12562	12566	12746	2.47	cps
Nickel	60-2	31236	30598	31086	30973	1.08	cps
Phosphorus	31-2	3150	3117	3210	3159	1.50	cps
Potassium	39-2	603645	605828	599887	603120	0.50	cps
Rhodium	103-1	8768956	8682003	8697284	8716081	0.53	cps
Rhodium	103-2	4830244	4772310	4861193	4821249	0.94	cps
Scandium	45-1	4899378	4865885	4775200	4846821	1.33	cps
Scandium	45-2	391035	390471	399715	393740	1.32	cps
Selenium	82-1	364	383	368	371	2.66	cps
Selenium	77-2	30	13	30	24	39.37	cps
Selenium	78-2	130	153	110	131	16.54	cps
Silicon	28-1	1223320	1244552	1249500	1239124	1.12	cps
Silver	107-1	543	647	577	589	8.96	cps
Silver	109-1	517	540	567	541	4.62	cps
Sodium	23-2	25999	25408	25952	25786	1.27	cps
Strontium	86-1	41167	40572	40756	40832	0.75	cps
Strontium	88-1	360675	362479	362002	361719	0.26	cps
Sulfur	34-1	104967	103702	104695	104455	0.64	cps
Terbium	159-1	13849614	13720936	13931126	13833892	0.77	cps
Terbium	159-2	8744054	8697638	8950977	8797556	1.53	cps
Thallium	203-1	567	597	600	588	3.12	cps
Thallium	205-1	1440	1443	1343	1409	4.03	cps
Tin	118-1	4674	4864	4904	4814	2.55	cps
Titanium	47-1	134295	134249	134931	134492	0.28	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4D	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:51:09	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5901	5948	5615	5821	3.10	cps
Vanadium	51-2	127956	126417	126336	126903	0.72	cps
Yttrium	89-1	10488609	10343929	10212583	10348374	1.33	cps
Yttrium	89-2	2378478	2395416	2435079	2402991	1.21	cps
Zinc	66-2	24023	23592	23058	23558	2.05	cps
Zirconium	90-1	36382	36271	36452	36368	0.25	cps
Zirconium	91-1	8269	8152	8613	8345	2.87	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5D4L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:54:22	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	340534	336997	339214	338915	0.53	cps
Antimony	121-1	800	867	823	830	4.08	cps
Arsenic	75-2	3877	3724	3917	3839	2.66	cps
Barium	135-1	39234	38719	38786	38913	0.72	cps
Barium	137-1	68008	68346	67432	67929	0.68	cps
Beryllium	9-1	83	143	77	101	36.32	cps
Bismuth	209-1	8685951	8596626	8555688	8612755	0.77	cps
Bismuth	209-2	6540504	6429555	6668768	6546276	1.83	cps
Bromine	81-1	6975	7075	6985	7012	0.79	cps
Bromine	81-2	70	60	57	62	11.15	cps
Cadmium	108-1	17	27	20	21	24.12	cps
Cadmium	106-1	2944	2717	2554	2738	7.15	cps
Cadmium	111-1	2152	1990	1854	1999	7.48	cps
Calcium	43-1	12348	12455	12352	12385	0.49	cps
Calcium	44-1	201421	202702	202638	202253	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22791	22580	22620	22664	0.49	cps
Cobalt	59-2	11982	11695	11778	11818	1.25	cps
Copper	63-2	24443	24450	24236	24377	0.50	cps
Dysprosium	156-1	2944	2734	2840	2839	3.70	cps
Dysprosium	156-2	2117	2047	2097	2087	1.73	cps
Erbium	164-1	2267	2180	2257	2235	2.12	cps
Erbium	164-2	1513	1450	1577	1513	4.19	cps
Gadolinium	160-1	2530	2560	2454	2515	2.19	cps
Gadolinium	160-2	2077	2180	2164	2140	2.59	cps
Holmium	165-1	13554269	13457544	13280696	13430837	1.03	cps
Holmium	165-2	8830439	8696426	8982467	8836444	1.62	cps
Indium	115-1	10104513	10125126	9922405	10050681	1.11	cps
Indium	115-2	3162323	3086843	3151794	3133653	1.30	cps
Iron	56-2	12456498	12521821	12440919	12473079	0.34	cps
Iron	57-2	323514	325651	321075	323413	0.71	cps
Iron	54-2	716010	711773	707281	711688	0.61	cps
Krypton	83-1	87	107	93	96	10.66	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5D4L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:54:22	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10287	10201	10151	10213	0.68	cps
Lead	207-1	8513	8803	8746	8687	1.77	cps
Lead	208-1	40324	39679	39803	39935	0.86	cps
Lithium	6-1	1890957	1873204	1815552	1859904	2.12	cps
Magnesium	24-2	305781	307637	303562	305660	0.67	cps
Manganese	55-2	259636	258510	260195	259447	0.33	cps
Molybdenum	94-1	3127	3070	2884	3027	4.21	cps
Molybdenum	95-1	307	227	373	302	24.30	cps
Molybdenum	96-1	903	983	947	944	4.24	cps
Molybdenum	97-1	153	160	123	146	13.42	cps
Molybdenum	98-1	483	487	393	454	11.65	cps
Neodymium	150-1	4651	4667	4647	4655	0.23	cps
Neodymium	150-2	2470	2447	2544	2487	2.03	cps
Nickel	60-2	6625	6285	6068	6326	4.44	cps
Phosphorus	31-2	727	670	703	700	4.07	cps
Potassium	39-2	141564	141369	140689	141207	0.33	cps
Rhodium	103-1	8977461	8834767	8732480	8848236	1.39	cps
Rhodium	103-2	4861316	4792522	4996869	4883569	2.13	cps
Scandium	45-1	4830430	4788500	4785697	4801542	0.52	cps
Scandium	45-2	389715	387581	394206	390501	0.87	cps
Selenium	82-1	380	334	341	352	7.02	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	107	107	113	109	3.54	cps
Silicon	28-1	330190	330912	332198	331100	0.31	cps
Silver	107-1	223	173	193	197	12.80	cps
Silver	109-1	137	130	130	132	2.91	cps
Sodium	23-2	39454	40065	38943	39487	1.42	cps
Strontium	86-1	8126	8212	8242	8193	0.74	cps
Strontium	88-1	71215	70953	71573	71247	0.44	cps
Sulfur	34-1	105240	105541	105263	105348	0.16	cps
Terbium	159-1	14149070	13805357	13540789	13831739	2.21	cps
Terbium	159-2	8654056	8519350	8789213	8654207	1.56	cps
Thallium	203-1	193	187	187	189	2.04	cps
Thallium	205-1	420	367	443	410	9.58	cps
Tin	118-1	1557	1503	1580	1547	2.54	cps
Titanium	47-1	26103	26093	26613	26270	1.13	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5D4L	Dilution Factor :	20
Date & Time Acquired :	2024-10-03 23:54:22	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1113	1157	1160	1143	2.28	cps
Vanadium	51-2	25532	25465	25234	25410	0.61	cps
Yttrium	89-1	10420238	10123787	10110419	10218148	1.71	cps
Yttrium	89-2	2366235	2350064	2391226	2369175	0.88	cps
Zinc	66-2	4737	5141	4791	4890	4.48	cps
Zirconium	90-1	7619	7575	7825	7673	1.74	cps
Zirconium	91-1	1653	1687	1637	1659	1.53	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:57:41	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1644567	1611283	1611072	1622308	1.19	cps
Antimony	121-1	95055	93404	93689	94049	0.94	cps
Arsenic	75-2	20267	19837	20130	20078	1.10	cps
Barium	135-1	642840	655079	653957	650625	1.04	cps
Barium	137-1	1143086	1137642	1143794	1141507	0.29	cps
Beryllium	9-1	7555	7208	7579	7447	2.78	cps
Bismuth	209-1	8475396	8428464	8365467	8423109	0.65	cps
Bismuth	209-2	6428515	6434966	6486330	6449937	0.49	cps
Bromine	81-1	6935	7085	7249	7090	2.21	cps
Bromine	81-2	130	137	133	133	2.50	cps
Cadmium	108-1	767	720	900	796	11.74	cps
Cadmium	106-1	4061	3951	3961	3991	1.52	cps
Cadmium	111-1	13517	13649	13534	13567	0.53	cps
Calcium	43-1	60075	60316	60055	60148	0.24	cps
Calcium	44-1	961913	963358	964441	963237	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165227	164024	162305	163852	0.90	cps
Cobalt	59-2	277800	277555	274517	276624	0.66	cps
Copper	63-2	191643	188079	188663	189462	1.01	cps
Dysprosium	156-1	13550	13784	13630	13655	0.87	cps
Dysprosium	156-2	9844	10414	9997	10085	2.93	cps
Erbium	164-1	10547	10874	10708	10710	1.53	cps
Erbium	164-2	7209	7018	6968	7065	1.79	cps
Gadolinium	160-1	12416	12386	12749	12517	1.61	cps
Gadolinium	160-2	8423	8383	8746	8517	2.34	cps
Holmium	165-1	13280658	13540372	13312913	13377981	1.06	cps
Holmium	165-2	8780113	8798890	8676372	8751792	0.75	cps
Indium	115-1	9954493	10060518	9882443	9965818	0.90	cps
Indium	115-2	3101242	3035572	3079044	3071953	1.09	cps
Iron	56-2	59957637	59527199	59586071	59690302	0.39	cps
Iron	57-2	1484821	1442782	1459359	1462321	1.45	cps
Iron	54-2	3248097	3247032	3230496	3241875	0.30	cps
Krypton	83-1	110	97	100	102	6.79	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:57:41	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	61482	60989	60929	61133	0.50	cps
Lead	207-1	53210	53585	53829	53541	0.58	cps
Lead	208-1	243903	240256	242495	242218	0.76	cps
Lithium	6-1	1889639	1840547	1842787	1857658	1.49	cps
Magnesium	24-2	1440295	1430090	1416320	1428901	0.84	cps
Manganese	55-2	1360380	1347404	1339601	1349128	0.78	cps
Molybdenum	94-1	13236	13556	13727	13506	1.84	cps
Molybdenum	95-1	1113	1297	1263	1225	7.98	cps
Molybdenum	96-1	4501	4577	4511	4530	0.92	cps
Molybdenum	97-1	747	707	720	724	2.81	cps
Molybdenum	98-1	2030	2054	1913	1999	3.75	cps
Neodymium	150-1	23283	22288	22541	22704	2.28	cps
Neodymium	150-2	12753	12366	12336	12485	1.86	cps
Nickel	60-2	84479	85435	83430	84448	1.19	cps
Phosphorus	31-2	2974	3007	3070	3017	1.63	cps
Potassium	39-2	588866	578291	577630	581595	1.08	cps
Rhodium	103-1	8765342	8893438	8821977	8826919	0.73	cps
Rhodium	103-2	4799364	4734220	4751765	4761783	0.71	cps
Scandium	45-1	4864834	4896954	4828341	4863376	0.71	cps
Scandium	45-2	390857	390726	388880	390154	0.28	cps
Selenium	82-1	1660	1632	1603	1632	1.77	cps
Selenium	77-2	147	117	150	138	13.32	cps
Selenium	78-2	447	507	527	493	8.44	cps
Silicon	28-1	1213648	1200713	1192247	1202203	0.90	cps
Silver	107-1	53170	52926	53468	53188	0.51	cps
Silver	109-1	51658	51130	50892	51227	0.77	cps
Sodium	23-2	25742	25595	25234	25523	1.02	cps
Strontium	86-1	39978	39242	38587	39269	1.77	cps
Strontium	88-1	344873	343477	343983	344111	0.21	cps
Sulfur	34-1	108891	106921	107172	107661	1.00	cps
Terbium	159-1	13992451	14020148	13959892	13990830	0.22	cps
Terbium	159-2	8666637	8589576	8541582	8599265	0.73	cps
Thallium	203-1	43004	43840	44315	43720	1.52	cps
Thallium	205-1	102999	100181	103846	102342	1.87	cps
Tin	118-1	4127	4244	4224	4198	1.49	cps
Titanium	47-1	127541	130230	128768	128847	1.04	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4S	Dilution Factor :	4
Date & Time Acquired :	2024-10-03 23:57:41	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5631	5715	5211	5519	4.89	cps
Vanadium	51-2	249635	245281	245467	246794	1.00	cps
Yttrium	89-1	10379385	10204220	10135312	10239639	1.23	cps
Yttrium	89-2	2369202	2331007	2360057	2353422	0.85	cps
Zinc	66-2	48910	49381	48452	48914	0.95	cps
Zirconium	90-1	34347	35109	34474	34643	1.18	cps
Zirconium	91-1	7785	8006	7629	7807	2.43	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:00:53	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1697610	1692336	1627106	1672351	2.35	cps
Antimony	121-1	433285	433984	433123	433464	0.11	cps
Arsenic	75-2	24727	25115	24437	24760	1.37	cps
Barium	135-1	2547035	2563415	2584180	2564877	0.73	cps
Barium	137-1	4451756	4349018	4417412	4406062	1.19	cps
Beryllium	9-1	34983	35120	34388	34830	1.12	cps
Bismuth	209-1	8484137	8374124	8412523	8423594	0.66	cps
Bismuth	209-2	6432282	6082785	6586540	6367202	4.05	cps
Bromine	81-1	6515	7052	6698	6755	4.04	cps
Bromine	81-2	87	97	140	108	26.30	cps
Cadmium	108-1	3761	3587	3651	3666	2.39	cps
Cadmium	106-1	7796	7512	7572	7627	1.96	cps
Cadmium	111-1	55660	55928	55203	55597	0.66	cps
Calcium	43-1	56612	57712	57696	57340	1.10	cps
Calcium	44-1	915977	924228	920850	920352	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	378229	377624	378716	378190	0.14	cps
Cobalt	59-2	1116974	1120487	1092894	1110118	1.35	cps
Copper	63-2	470761	470509	460679	467316	1.23	cps
Dysprosium	156-1	12819	13236	12866	12974	1.76	cps
Dysprosium	156-2	9607	9817	9613	9679	1.23	cps
Erbium	164-1	10708	10561	10481	10583	1.09	cps
Erbium	164-2	7032	6958	6698	6896	2.54	cps
Gadolinium	160-1	11949	11862	11885	11898	0.38	cps
Gadolinium	160-2	8349	8246	8273	8289	0.65	cps
Holmium	165-1	13457391	13319451	13264779	13347207	0.74	cps
Holmium	165-2	8659673	8312840	8566664	8513059	2.11	cps
Indium	115-1	9788499	9648063	9710341	9715635	0.72	cps
Indium	115-2	2985268	2896149	3099330	2993583	3.40	cps
Iron	56-2	58414552	58387302	57396292	58066049	1.00	cps
Iron	57-2	1477128	1466163	1432951	1458747	1.58	cps
Iron	54-2	3178361	3169978	3109248	3152529	1.20	cps
Krypton	83-1	77	107	103	96	17.21	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:00:53	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	112131	113119	114100	113117	0.87	cps
Lead	207-1	97875	98806	98799	98493	0.54	cps
Lead	208-1	447332	448598	452158	449363	0.56	cps
Lithium	6-1	1879878	1822655	1832598	1845044	1.66	cps
Magnesium	24-2	1385521	1370965	1343725	1366737	1.55	cps
Manganese	55-2	1699188	1693107	1647978	1680091	1.67	cps
Molybdenum	94-1	12866	12846	13236	12983	1.69	cps
Molybdenum	95-1	1177	1147	1203	1176	2.41	cps
Molybdenum	96-1	4141	4434	4021	4198	5.07	cps
Molybdenum	97-1	700	783	823	769	8.18	cps
Molybdenum	98-1	1843	1833	1927	1868	2.74	cps
Neodymium	150-1	22638	22388	22495	22507	0.56	cps
Neodymium	150-2	11501	12225	11755	11827	3.11	cps
Nickel	60-2	293997	294432	294773	294401	0.13	cps
Phosphorus	31-2	2887	3034	2944	2955	2.50	cps
Potassium	39-2	557680	555222	557654	556852	0.25	cps
Rhodium	103-1	8655668	8566381	8572031	8598027	0.58	cps
Rhodium	103-2	4672304	4468448	4640828	4593860	2.39	cps
Scandium	45-1	4858051	4717547	4727721	4767773	1.64	cps
Scandium	45-2	384136	366951	381053	377380	2.43	cps
Selenium	82-1	7030	7062	6730	6941	2.63	cps
Selenium	77-2	667	567	617	617	8.11	cps
Selenium	78-2	2097	2174	2000	2090	4.16	cps
Silicon	28-1	1157174	1157025	1155458	1156552	0.08	cps
Silver	107-1	244568	233304	242800	240224	2.52	cps
Silver	109-1	203298	220582	218107	213996	4.37	cps
Sodium	23-2	23585	23768	23715	23689	0.40	cps
Strontium	86-1	37885	38517	37808	38070	1.02	cps
Strontium	88-1	329921	332211	330375	330836	0.37	cps
Sulfur	34-1	104233	103930	102823	103662	0.72	cps
Terbium	159-1	13918169	13625492	13439356	13661006	1.77	cps
Terbium	159-2	8395534	8091253	8749575	8412121	3.92	cps
Thallium	203-1	205049	209228	208761	207679	1.10	cps
Thallium	205-1	493661	494966	497102	495243	0.35	cps
Tin	118-1	3931	4131	3937	3999	2.84	cps
Titanium	47-1	123895	123666	122840	123467	0.45	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5D4SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:00:53	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5354	5378	5381	5371	0.27	cps
Vanadium	51-2	718562	722088	713862	718171	0.57	cps
Yttrium	89-1	10149169	10091345	10088819	10109778	0.34	cps
Yttrium	89-2	2353096	2224555	2283095	2286915	2.81	cps
Zinc	66-2	148139	146900	145103	146714	1.04	cps
Zirconium	90-1	33425	33067	33041	33177	0.65	cps
Zirconium	91-1	7539	7375	7425	7446	1.12	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:04:06	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1491279	1448137	1474665	1471361	1.48	cps
Antimony	121-1	6371	6388	6538	6433	1.43	cps
Arsenic	75-2	11938	11915	11575	11809	1.72	cps
Barium	135-1	406949	409109	409756	408605	0.36	cps
Barium	137-1	707727	709958	709908	709198	0.18	cps
Beryllium	9-1	497	580	570	549	8.29	cps
Bismuth	209-1	8305903	8282343	8328317	8305521	0.28	cps
Bismuth	209-2	6391552	6359273	6364976	6371934	0.27	cps
Bromine	81-1	6808	6218	6725	6584	4.85	cps
Bromine	81-2	77	103	117	99	20.59	cps
Cadmium	108-1	383	373	357	371	3.63	cps
Cadmium	106-1	3207	3317	3104	3209	3.32	cps
Cadmium	111-1	5670	5821	5720	5737	1.34	cps
Calcium	43-1	372091	373541	374803	373478	0.36	cps
Calcium	44-1	5626177	5571915	5607279	5601790	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57332	57071	56127	56843	1.11	cps
Cobalt	59-2	42383	42694	42316	42464	0.47	cps
Copper	63-2	902911	901543	903937	902797	0.13	cps
Dysprosium	156-1	20599	20786	21630	21005	2.62	cps
Dysprosium	156-2	16750	16466	17124	16780	1.97	cps
Erbium	164-1	12392	11965	12215	12191	1.76	cps
Erbium	164-2	7816	7742	8129	7896	2.60	cps
Gadolinium	160-1	16757	16320	16703	16593	1.44	cps
Gadolinium	160-2	11488	11238	11451	11392	1.19	cps
Holmium	165-1	13043838	13230522	13251701	13175354	0.87	cps
Holmium	165-2	8719302	8642135	8540205	8633880	1.04	cps
Indium	115-1	9745699	9749267	9784171	9759712	0.22	cps
Indium	115-2	3003771	2997523	3017486	3006260	0.34	cps
Iron	56-2	38767972	38895914	38857845	38840577	0.17	cps
Iron	57-2	1015998	1016131	1009622	1013917	0.37	cps
Iron	54-2	2100459	2119004	2100839	2106767	0.50	cps
Krypton	83-1	100	123	97	107	13.62	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:04:06	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	371773	376250	375734	374586	0.65	cps
Lead	207-1	333474	334225	337718	335139	0.68	cps
Lead	208-1	1495882	1504339	1516379	1505533	0.68	cps
Lithium	6-1	1855033	1813580	1820351	1829655	1.22	cps
Magnesium	24-2	1217273	1228777	1206339	1217463	0.92	cps
Manganese	55-2	1224083	1222836	1215613	1220844	0.37	cps
Molybdenum	94-1	47363	48192	48279	47945	1.05	cps
Molybdenum	95-1	850	757	887	831	8.07	cps
Molybdenum	96-1	9210	9483	9443	9379	1.57	cps
Molybdenum	97-1	513	520	533	522	1.95	cps
Molybdenum	98-1	1297	1310	1260	1289	2.01	cps
Neodymium	150-1	47205	46530	47192	46976	0.82	cps
Neodymium	150-2	25410	25540	25179	25376	0.72	cps
Nickel	60-2	38710	37788	38733	38410	1.40	cps
Phosphorus	31-2	6111	6168	6135	6138	0.46	cps
Potassium	39-2	362524	360425	357511	360154	0.70	cps
Rhodium	103-1	8436338	8518641	8465901	8473627	0.49	cps
Rhodium	103-2	4624195	4645284	4633301	4634260	0.23	cps
Scandium	45-1	4703897	4807671	4685889	4732486	1.39	cps
Scandium	45-2	381924	380851	375888	379554	0.85	cps
Selenium	82-1	380	369	456	402	11.81	cps
Selenium	77-2	30	40	37	36	14.32	cps
Selenium	78-2	177	150	127	151	16.56	cps
Silicon	28-1	3915195	3952991	3927234	3931807	0.49	cps
Silver	107-1	7479	7092	7212	7261	2.73	cps
Silver	109-1	7075	7122	6958	7052	1.19	cps
Sodium	23-2	34074	33620	33700	33798	0.72	cps
Strontium	86-1	142579	144144	144241	143655	0.65	cps
Strontium	88-1	1262004	1259134	1268589	1263242	0.38	cps
Sulfur	34-1	109948	111788	111950	111229	1.00	cps
Terbium	159-1	13689278	13662802	13538254	13630111	0.59	cps
Terbium	159-2	8520120	8491711	8413654	8475162	0.65	cps
Thallium	203-1	1060	953	973	996	5.70	cps
Thallium	205-1	2140	2214	2254	2202	2.61	cps
Tin	118-1	9036	9240	9436	9237	2.17	cps
Titanium	47-1	329406	332427	331618	331150	0.47	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:04:06	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8009	8246	8456	8237	2.71	cps
Vanadium	51-2	67815	67570	67208	67531	0.45	cps
Yttrium	89-1	10041738	10124732	10085216	10083895	0.41	cps
Yttrium	89-2	2356617	2336941	2327828	2340462	0.63	cps
Zinc	66-2	84779	84383	85171	84778	0.46	cps
Zirconium	90-1	127721	127662	129399	128261	0.77	cps
Zirconium	91-1	28107	28999	28862	28656	1.68	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:07:18	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1484312	1480596	1485105	1483338	0.16	cps
Antimony	121-1	5845	6158	6375	6126	4.35	cps
Arsenic	75-2	11638	11755	11751	11715	0.57	cps
Barium	135-1	406232	403938	407494	405888	0.44	cps
Barium	137-1	703888	709348	706315	706517	0.39	cps
Beryllium	9-1	673	687	587	649	8.37	cps
Bismuth	209-1	8327526	8364655	8391482	8361221	0.38	cps
Bismuth	209-2	6467287	6400939	6306202	6391476	1.27	cps
Bromine	81-1	6668	6638	6658	6655	0.23	cps
Bromine	81-2	90	93	103	96	7.26	cps
Cadmium	108-1	360	367	343	357	3.37	cps
Cadmium	106-1	3394	3290	3210	3298	2.79	cps
Cadmium	111-1	5777	5740	5684	5734	0.82	cps
Calcium	43-1	378894	384099	383435	382143	0.74	cps
Calcium	44-1	5701011	5735388	5688827	5708409	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57543	58399	58105	58015	0.75	cps
Cobalt	59-2	41965	43045	42313	42441	1.30	cps
Copper	63-2	911492	910247	913252	911664	0.17	cps
Dysprosium	156-1	20418	20665	20622	20568	0.64	cps
Dysprosium	156-2	16453	16830	16393	16559	1.43	cps
Erbium	164-1	11718	12135	12202	12019	2.18	cps
Erbium	164-2	8009	7842	7729	7860	1.79	cps
Gadolinium	160-1	16760	16660	16483	16634	0.84	cps
Gadolinium	160-2	11245	12025	11408	11559	3.56	cps
Holmium	165-1	13427405	13328792	13189060	13315086	0.90	cps
Holmium	165-2	8866010	8717815	8542016	8708614	1.86	cps
Indium	115-1	9824687	9958897	9758462	9847348	1.04	cps
Indium	115-2	3080420	3056834	3026244	3054500	0.89	cps
Iron	56-2	38905008	38808853	38939973	38884611	0.17	cps
Iron	57-2	1020439	1020869	1024218	1021842	0.20	cps
Iron	54-2	2138552	2142614	2119855	2133674	0.57	cps
Krypton	83-1	120	93	107	107	12.50	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:07:18	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	372728	375496	374985	374403	0.39	cps
Lead	207-1	332792	336355	338244	335797	0.82	cps
Lead	208-1	1500534	1511416	1520714	1510888	0.67	cps
Lithium	6-1	1829683	1825762	1830026	1828490	0.13	cps
Magnesium	24-2	1188419	1209497	1196894	1198270	0.89	cps
Manganese	55-2	1174839	1175321	1178805	1176322	0.18	cps
Molybdenum	94-1	50356	50038	50045	50147	0.36	cps
Molybdenum	95-1	830	830	950	870	7.96	cps
Molybdenum	96-1	9793	9830	10274	9966	2.68	cps
Molybdenum	97-1	470	547	510	509	7.54	cps
Molybdenum	98-1	1247	1480	1453	1393	9.17	cps
Neodymium	150-1	47299	47148	47256	47234	0.16	cps
Neodymium	150-2	25613	25243	25316	25391	0.77	cps
Nickel	60-2	38506	38940	38496	38647	0.66	cps
Phosphorus	31-2	6061	6168	6451	6227	3.24	cps
Potassium	39-2	365286	365018	364967	365090	0.05	cps
Rhodium	103-1	8614718	8597927	8444338	8552328	1.10	cps
Rhodium	103-2	4728342	4712833	4674865	4705347	0.58	cps
Scandium	45-1	4732163	4806129	4768880	4769058	0.78	cps
Scandium	45-2	388360	384967	381579	384969	0.88	cps
Selenium	82-1	373	422	372	389	7.28	cps
Selenium	77-2	63	60	40	54	23.18	cps
Selenium	78-2	170	123	193	162	21.97	cps
Silicon	28-1	3746399	3751438	3760477	3752771	0.19	cps
Silver	107-1	7188	7389	7329	7302	1.41	cps
Silver	109-1	6982	6872	6842	6898	1.07	cps
Sodium	23-2	33373	34312	33580	33755	1.46	cps
Strontium	86-1	144729	145416	146345	145497	0.56	cps
Strontium	88-1	1264892	1276651	1275566	1272370	0.51	cps
Sulfur	34-1	112970	112175	112789	112645	0.37	cps
Terbium	159-1	13770301	13813995	13575527	13719941	0.93	cps
Terbium	159-2	8594759	8547215	8367839	8503271	1.41	cps
Thallium	203-1	837	767	827	810	4.67	cps
Thallium	205-1	2104	2010	2097	2070	2.52	cps
Tin	118-1	9310	9266	9186	9254	0.68	cps
Titanium	47-1	330614	334567	332931	332704	0.60	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:07:18	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8339	8303	8710	8451	2.66	cps
Vanadium	51-2	67728	67557	67795	67693	0.18	cps
Yttrium	89-1	10295724	10170867	10147131	10204574	0.78	cps
Yttrium	89-2	2366284	2356226	2264918	2329143	2.40	cps
Zinc	66-2	86186	85734	85677	85866	0.33	cps
Zirconium	90-1	133005	135106	133627	133913	0.81	cps
Zirconium	91-1	30051	29339	30682	30024	2.24	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD389L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 00:10:32	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303140	301101	299360	301200	0.63	cps
Antimony	121-1	1250	1220	1277	1249	2.27	cps
Arsenic	75-2	2520	2517	2417	2485	2.36	cps
Barium	135-1	81357	82437	82091	81962	0.67	cps
Barium	137-1	140516	142654	140937	141369	0.80	cps
Beryllium	9-1	120	137	160	139	14.47	cps
Bismuth	209-1	8620788	8505823	8430358	8518990	1.13	cps
Bismuth	209-2	6443437	6464769	6493760	6467322	0.39	cps
Bromine	81-1	6335	6271	6585	6397	2.59	cps
Bromine	81-2	57	60	53	57	5.89	cps
Cadmium	108-1	90	63	60	71	23.12	cps
Cadmium	106-1	2817	2820	2580	2739	5.02	cps
Cadmium	111-1	2656	2670	2534	2620	2.85	cps
Calcium	43-1	75376	75058	75986	75473	0.62	cps
Calcium	44-1	1203367	1214636	1219211	1212405	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11494	11504	11648	11549	0.74	cps
Cobalt	59-2	8549	8729	8553	8610	1.20	cps
Copper	63-2	183246	183671	182123	183014	0.44	cps
Dysprosium	156-1	4061	4231	4084	4125	2.23	cps
Dysprosium	156-2	3134	3374	3337	3282	3.94	cps
Erbium	164-1	2390	2470	2517	2459	2.61	cps
Erbium	164-2	1730	1580	1633	1648	4.62	cps
Gadolinium	160-1	3317	3350	3240	3303	1.71	cps
Gadolinium	160-2	2607	2637	2680	2641	1.40	cps
Holmium	165-1	13403519	13380529	13178557	13320868	0.93	cps
Holmium	165-2	8790063	8800281	8767436	8785927	0.19	cps
Indium	115-1	10079247	9975115	9921856	9992073	0.80	cps
Indium	115-2	3093338	3095079	3161581	3116666	1.25	cps
Iron	56-2	7784412	7754220	7729149	7755927	0.36	cps
Iron	57-2	204715	204214	204022	204317	0.18	cps
Iron	54-2	449319	446719	448576	448205	0.30	cps
Krypton	83-1	113	93	113	107	10.83	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD389L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 00:10:32	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	74355	74097	74898	74450	0.55	cps
Lead	207-1	66636	66850	66173	66553	0.52	cps
Lead	208-1	298904	300056	299834	299598	0.20	cps
Lithium	6-1	1848594	1849258	1832298	1843383	0.52	cps
Magnesium	24-2	248945	247638	247716	248100	0.30	cps
Manganese	55-2	248349	245642	245903	246632	0.61	cps
Molybdenum	94-1	9853	9393	9426	9558	2.69	cps
Molybdenum	95-1	187	227	163	192	16.66	cps
Molybdenum	96-1	2027	1967	2037	2010	1.88	cps
Molybdenum	97-1	127	133	83	114	23.73	cps
Molybdenum	98-1	323	383	313	340	11.13	cps
Neodymium	150-1	9560	9317	9457	9444	1.29	cps
Neodymium	150-2	5044	5088	4884	5005	2.14	cps
Nickel	60-2	7632	7909	7829	7790	1.83	cps
Phosphorus	31-2	1370	1373	1380	1375	0.37	cps
Potassium	39-2	91556	91969	92083	91869	0.30	cps
Rhodium	103-1	8936774	8796800	8806783	8846785	0.88	cps
Rhodium	103-2	4837876	4855087	4817120	4836694	0.39	cps
Scandium	45-1	4780301	4769342	4762882	4770842	0.18	cps
Scandium	45-2	389147	386145	385219	386837	0.53	cps
Selenium	82-1	337	377	371	362	5.90	cps
Selenium	77-2	17	3	13	11	62.48	cps
Selenium	78-2	150	127	113	130	14.28	cps
Silicon	28-1	873157	881651	879843	878217	0.51	cps
Silver	107-1	1487	1530	1530	1516	1.65	cps
Silver	109-1	1247	1497	1550	1431	11.32	cps
Sodium	23-2	11658	11534	11197	11463	2.08	cps
Strontium	86-1	29105	29272	28802	29060	0.82	cps
Strontium	88-1	253678	253806	252371	253285	0.31	cps
Sulfur	34-1	110445	110160	109677	110094	0.35	cps
Terbium	159-1	13763560	13810127	13595825	13723171	0.82	cps
Terbium	159-2	8654676	8657098	8594665	8635480	0.41	cps
Thallium	203-1	273	213	227	238	13.25	cps
Thallium	205-1	537	543	580	553	4.22	cps
Tin	118-1	2214	2204	2157	2191	1.38	cps
Titanium	47-1	66549	66468	67332	66783	0.71	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD389L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 00:10:32	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1747	1687	1623	1686	3.66	cps
Vanadium	51-2	13720	13453	13583	13585	0.98	cps
Yttrium	89-1	10223473	10220604	10237428	10227168	0.09	cps
Yttrium	89-2	2382439	2341146	2359340	2360975	0.88	cps
Zinc	66-2	17567	17580	17684	17610	0.36	cps
Zirconium	90-1	25923	26564	26908	26465	1.89	cps
Zirconium	91-1	5578	5588	5988	5718	4.09	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:13:48	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1553871	1534542	1499478	1529297	1.80	cps
Antimony	121-1	97709	98088	97228	97675	0.44	cps
Arsenic	75-2	13766	13550	13666	13661	0.79	cps
Barium	135-1	875005	885284	888638	882976	0.80	cps
Barium	137-1	1527432	1591666	1604251	1574449	2.62	cps
Beryllium	9-1	7769	7515	7569	7617	1.75	cps
Bismuth	209-1	8334789	8470068	8483179	8429346	0.97	cps
Bismuth	209-2	4993111	6681984	6664356	6113150	15.87	cps
Bromine	81-1	7232	6922	7229	7127	2.50	cps
Bromine	81-2	127	107	100	111	12.49	cps
Cadmium	108-1	1050	1060	1127	1079	3.86	cps
Cadmium	106-1	4571	4421	4327	4440	2.77	cps
Cadmium	111-1	16965	17200	17078	17081	0.69	cps
Calcium	43-1	384667	386682	386299	385882	0.28	cps
Calcium	44-1	5761635	5783288	5774427	5773117	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118608	115521	116203	116777	1.39	cps
Cobalt	59-2	272508	263013	266374	267299	1.80	cps
Copper	63-2	1021521	993781	1001457	1005586	1.42	cps
Dysprosium	156-1	21063	21046	21370	21159	0.86	cps
Dysprosium	156-2	16944	16747	17057	16916	0.93	cps
Erbium	164-1	12139	12255	12522	12306	1.60	cps
Erbium	164-2	8252	7602	8206	8020	4.52	cps
Gadolinium	160-1	16403	17134	17007	16848	2.32	cps
Gadolinium	160-2	11915	11932	11995	11947	0.35	cps
Holmium	165-1	13308909	13404777	13356300	13356662	0.36	cps
Holmium	165-2	6736559	9107577	8995582	8279906	16.16	cps
Indium	115-1	9945190	9890512	9856542	9897414	0.45	cps
Indium	115-2	2366399	3201259	3184398	2917352	16.36	cps
Iron	56-2	40577516	39463508	39478366	39839797	1.60	cps
Iron	57-2	1064576	1038153	1039198	1047309	1.43	cps
Iron	54-2	2230180	2146265	2130991	2169146	2.46	cps
Krypton	83-1	73	77	120	90	28.93	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:13:48	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	389911	394334	392550	392265	0.57	cps
Lead	207-1	349982	350784	351255	350673	0.18	cps
Lead	208-1	1566314	1585348	1577965	1576542	0.61	cps
Lithium	6-1	1807152	1815027	1867847	1830008	1.80	cps
Magnesium	24-2	1264515	1194563	1212789	1223956	2.96	cps
Manganese	55-2	1376045	1330807	1342159	1349670	1.74	cps
Molybdenum	94-1	49440	50594	49517	49850	1.29	cps
Molybdenum	95-1	973	877	813	888	9.08	cps
Molybdenum	96-1	9667	9650	9873	9730	1.28	cps
Molybdenum	97-1	470	613	590	558	13.79	cps
Molybdenum	98-1	1393	1420	1353	1389	2.42	cps
Neodymium	150-1	48152	48420	48008	48193	0.43	cps
Neodymium	150-2	26375	25390	25713	25826	1.94	cps
Nickel	60-2	97417	94978	95719	96038	1.30	cps
Phosphorus	31-2	6735	6188	6642	6521	4.49	cps
Potassium	39-2	376444	368078	368293	370938	1.29	cps
Rhodium	103-1	8605226	8715567	8671897	8664230	0.64	cps
Rhodium	103-2	3655430	4918355	4924899	4499561	16.25	cps
Scandium	45-1	4839875	4853300	4802345	4831840	0.55	cps
Scandium	45-2	304626	399032	403294	368984	15.12	cps
Selenium	82-1	1719	1705	1734	1720	0.86	cps
Selenium	77-2	157	200	150	169	16.07	cps
Selenium	78-2	513	583	553	550	6.39	cps
Silicon	28-1	3996680	3955604	3951085	3967790	0.63	cps
Silver	107-1	60308	61135	61155	60866	0.79	cps
Silver	109-1	57938	58725	59307	58657	1.17	cps
Sodium	23-2	34265	34325	34368	34319	0.15	cps
Strontium	86-1	147224	148142	148675	148014	0.50	cps
Strontium	88-1	1285424	1306209	1301949	1297860	0.85	cps
Sulfur	34-1	115445	115630	114542	115206	0.51	cps
Terbium	159-1	13725142	13860993	13663441	13749859	0.74	cps
Terbium	159-2	6582859	9063883	8917404	8188049	17.00	cps
Thallium	203-1	43630	43884	44044	43853	0.48	cps
Thallium	205-1	105256	106401	106422	106026	0.63	cps
Tin	118-1	9523	9383	9607	9504	1.19	cps
Titanium	47-1	338454	343101	341267	340940	0.69	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:13:48	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8596	8466	8586	8549	0.85	cps
Vanadium	51-2	200320	193116	197467	196968	1.84	cps
Yttrium	89-1	10270928	10445083	10292545	10336185	0.92	cps
Yttrium	89-2	1861281	2449801	2462368	2257817	15.21	cps
Zinc	66-2	116161	112771	111663	113532	2.06	cps
Zirconium	90-1	133703	133740	133682	133708	0.02	cps
Zirconium	91-1	29440	30068	30084	29864	1.23	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:17:02	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1575806	1593341	1592515	1587221	0.62	cps
Antimony	121-1	448304	449038	448657	448666	0.08	cps
Arsenic	75-2	18882	18969	18665	18839	0.83	cps
Barium	135-1	2824958	2816796	2803695	2815150	0.38	cps
Barium	137-1	4816608	4862615	4872510	4850578	0.62	cps
Beryllium	9-1	34238	34969	33506	34238	2.14	cps
Bismuth	209-1	8421014	8439162	8421617	8427264	0.12	cps
Bismuth	209-2	6459233	6448286	6408993	6438837	0.41	cps
Bromine	81-1	7462	6755	7185	7134	4.99	cps
Bromine	81-2	83	103	100	96	11.21	cps
Cadmium	108-1	3934	4097	4154	4062	2.81	cps
Cadmium	106-1	8179	8299	8026	8168	1.68	cps
Cadmium	111-1	60157	60525	59441	60041	0.92	cps
Calcium	43-1	375573	377590	375479	376214	0.32	cps
Calcium	44-1	5620935	5621260	5668483	5636893	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	338107	339777	332580	336821	1.12	cps
Cobalt	59-2	1119164	1124798	1112571	1118844	0.55	cps
Copper	63-2	1264341	1263488	1250784	1259538	0.60	cps
Dysprosium	156-1	20528	20886	20829	20748	0.92	cps
Dysprosium	156-2	15989	17287	16580	16619	3.91	cps
Erbium	164-1	11875	12029	11688	11864	1.44	cps
Erbium	164-2	8152	7949	7655	7919	3.15	cps
Gadolinium	160-1	16196	16446	16410	16351	0.83	cps
Gadolinium	160-2	11478	11021	11488	11329	2.36	cps
Holmium	165-1	13418159	13314400	13415471	13382677	0.44	cps
Holmium	165-2	8712058	8782057	8831850	8775321	0.69	cps
Indium	115-1	9892705	9851422	9727122	9823749	0.88	cps
Indium	115-2	3106079	3080585	3050752	3079139	0.90	cps
Iron	56-2	39756109	39792616	39459394	39669373	0.46	cps
Iron	57-2	1036291	1040745	1031251	1036096	0.46	cps
Iron	54-2	2195114	2163091	2172006	2176737	0.76	cps
Krypton	83-1	127	143	137	136	6.19	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:17:02	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	436458	437857	439012	437776	0.29	cps
Lead	207-1	386593	391879	391400	389958	0.75	cps
Lead	208-1	1757702	1763316	1755476	1758831	0.23	cps
Lithium	6-1	1804259	1800777	1809948	1804995	0.26	cps
Magnesium	24-2	1175022	1174150	1179876	1176349	0.26	cps
Manganese	55-2	1731503	1680310	1702347	1704720	1.51	cps
Molybdenum	94-1	48925	48905	49416	49082	0.59	cps
Molybdenum	95-1	937	880	987	934	5.71	cps
Molybdenum	96-1	9743	9873	9583	9733	1.49	cps
Molybdenum	97-1	560	510	620	563	9.78	cps
Molybdenum	98-1	1453	1470	1380	1435	3.34	cps
Neodymium	150-1	47520	46530	46640	46896	1.16	cps
Neodymium	150-2	24832	24999	24985	24939	0.37	cps
Nickel	60-2	308518	309856	308597	308990	0.24	cps
Phosphorus	31-2	6501	6255	6081	6279	3.36	cps
Potassium	39-2	356136	358649	359204	357996	0.46	cps
Rhodium	103-1	8762569	8662352	8686354	8703759	0.60	cps
Rhodium	103-2	4776100	4805049	4699972	4760374	1.14	cps
Scandium	45-1	4876732	4781675	4786692	4815033	1.11	cps
Scandium	45-2	387599	387273	385419	386764	0.30	cps
Selenium	82-1	7199	7092	7012	7101	1.32	cps
Selenium	77-2	547	647	593	596	8.40	cps
Selenium	78-2	2057	2150	2030	2079	3.03	cps
Silicon	28-1	3837203	3856761	3827497	3840487	0.39	cps
Silver	107-1	211491	213564	216747	213934	1.24	cps
Silver	109-1	211529	208452	213329	211103	1.17	cps
Sodium	23-2	32865	32518	33319	32901	1.22	cps
Strontium	86-1	143979	144847	143014	143947	0.64	cps
Strontium	88-1	1264606	1271604	1260919	1265710	0.43	cps
Sulfur	34-1	117336	115351	115066	115918	1.07	cps
Terbium	159-1	13739656	13830237	13758903	13776265	0.35	cps
Terbium	159-2	8568001	8664215	8609292	8613836	0.56	cps
Thallium	203-1	210224	210863	209035	210041	0.44	cps
Thallium	205-1	499421	501298	502910	501209	0.35	cps
Tin	118-1	9250	9447	9310	9335	1.08	cps
Titanium	47-1	331100	332114	331538	331584	0.15	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2725-08MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD389SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 00:17:02	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8276	8353	8309	8313	0.46	cps
Vanadium	51-2	682824	681529	675418	679924	0.58	cps
Yttrium	89-1	10417711	10199281	10191652	10269548	1.25	cps
Yttrium	89-2	2372789	2365681	2351026	2363165	0.47	cps
Zinc	66-2	211310	212783	209971	211355	0.67	cps
Zirconium	90-1	133044	131402	130491	131646	0.98	cps
Zirconium	91-1	28952	29339	30024	29439	1.84	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5D7	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:20:10	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2721149	2722756	2696650	2713518	0.54	cps
Antimony	121-1	12512	12345	12255	12371	1.05	cps
Arsenic	75-2	191485	190401	188763	190216	0.72	cps
Barium	135-1	398400	397300	400361	398687	0.39	cps
Barium	137-1	694010	697179	694923	695371	0.23	cps
Beryllium	9-1	957	870	830	886	7.31	cps
Bismuth	209-1	8335185	8411919	8257660	8334921	0.93	cps
Bismuth	209-2	6288575	6328617	6251404	6289532	0.61	cps
Bromine	81-1	7936	7999	7992	7976	0.44	cps
Bromine	81-2	250	270	237	252	6.65	cps
Cadmium	108-1	150	153	110	138	17.50	cps
Cadmium	106-1	3177	3167	3177	3174	0.18	cps
Cadmium	111-1	2556	2600	2590	2582	0.90	cps
Calcium	43-1	151719	152473	153281	152491	0.51	cps
Calcium	44-1	2279651	2272816	2284797	2279088	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	263838	259214	262723	261925	0.92	cps
Cobalt	59-2	198802	196833	195810	197148	0.77	cps
Copper	63-2	354699	348582	349708	350996	0.93	cps
Dysprosium	156-1	32250	32701	32905	32619	1.03	cps
Dysprosium	156-2	23219	23002	23323	23181	0.71	cps
Erbium	164-1	33694	33373	33457	33508	0.50	cps
Erbium	164-2	22007	21760	22248	22005	1.11	cps
Gadolinium	160-1	33213	33226	32691	33043	0.92	cps
Gadolinium	160-2	21734	22087	22461	22094	1.65	cps
Holmium	165-1	13478856	13432743	13308566	13406722	0.66	cps
Holmium	165-2	8742273	8634014	8709389	8695225	0.64	cps
Indium	115-1	10026479	9861695	9864072	9917415	0.95	cps
Indium	115-2	3022722	2983781	3004554	3003686	0.65	cps
Iron	56-2	204193317	202497010	201215584	202635304	0.74	cps
Iron	57-2	5005294	5001107	4993210	4999870	0.12	cps
Iron	54-2	11060170	10857731	10915723	10944541	0.95	cps
Krypton	83-1	133	123	110	122	9.58	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5D7	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:20:10	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	50724	50246	50911	50627	0.68	cps
Lead	207-1	42904	42827	43606	43113	1.00	cps
Lead	208-1	197230	196752	198505	197495	0.46	cps
Lithium	6-1	1807987	1820684	1815423	1814698	0.35	cps
Magnesium	24-2	2143918	2110292	2115979	2123396	0.85	cps
Manganese	55-2	4518943	4436343	4424565	4459950	1.15	cps
Molybdenum	94-1	35109	35871	36763	35914	2.31	cps
Molybdenum	95-1	4694	4714	4724	4711	0.32	cps
Molybdenum	96-1	13887	13640	13486	13671	1.48	cps
Molybdenum	97-1	2924	3060	2740	2908	5.52	cps
Molybdenum	98-1	7389	7499	7659	7515	1.81	cps
Neodymium	150-1	41554	41227	40819	41200	0.89	cps
Neodymium	150-2	21800	21473	22201	21825	1.67	cps
Nickel	60-2	86913	85284	86846	86348	1.07	cps
Phosphorus	31-2	9159	9136	9396	9231	1.56	cps
Potassium	39-2	506560	506760	503302	505541	0.38	cps
Rhodium	103-1	8746849	8708724	8656913	8704162	0.52	cps
Rhodium	103-2	4748133	4723149	4679848	4717043	0.73	cps
Scandium	45-1	5150495	5080327	5091244	5107355	0.74	cps
Scandium	45-2	404503	403199	402047	403249	0.30	cps
Selenium	82-1	344	404	410	386	9.36	cps
Selenium	77-2	70	43	67	60	24.22	cps
Selenium	78-2	170	180	217	189	13.01	cps
Silicon	28-1	3874386	3933713	3944832	3917644	0.97	cps
Silver	107-1	973	820	727	840	14.83	cps
Silver	109-1	827	640	563	677	20.02	cps
Sodium	23-2	52131	51716	51994	51947	0.41	cps
Strontium	86-1	108083	107210	108808	108033	0.74	cps
Strontium	88-1	941755	943687	942778	942740	0.10	cps
Sulfur	34-1	110492	108371	107710	108858	1.34	cps
Terbium	159-1	13974050	13867490	13631351	13824297	1.27	cps
Terbium	159-2	8558876	8431023	8543253	8511051	0.82	cps
Thallium	203-1	1680	1853	1807	1780	5.04	cps
Thallium	205-1	4154	4117	4157	4143	0.54	cps
Tin	118-1	6478	6635	6475	6529	1.40	cps
Titanium	47-1	212122	215701	213145	213656	0.86	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5D7	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:20:10	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15649	15122	15059	15277	2.12	cps
Vanadium	51-2	502908	495451	496779	498380	0.80	cps
Yttrium	89-1	10717424	10594311	10540971	10617568	0.85	cps
Yttrium	89-2	2442235	2407789	2372838	2407621	1.44	cps
Zinc	66-2	55650	55432	54553	55212	1.05	cps
Zirconium	90-1	88434	89537	88310	88760	0.76	cps
Zirconium	91-1	20154	20818	20020	20331	2.10	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5D9	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:23:24	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2833906	2800692	2817278	2817292	0.59	cps
Antimony	121-1	14524	15135	14224	14628	3.17	cps
Arsenic	75-2	180591	182415	179677	180894	0.77	cps
Barium	135-1	259196	263987	262362	261848	0.93	cps
Barium	137-1	455591	449625	444858	450024	1.19	cps
Beryllium	9-1	553	637	483	558	13.76	cps
Bismuth	209-1	8104609	8274789	8303634	8227677	1.31	cps
Bismuth	209-2	6316046	6242892	6284246	6281061	0.58	cps
Bromine	81-1	7275	7112	7155	7181	1.18	cps
Bromine	81-2	153	130	117	133	13.92	cps
Cadmium	108-1	123	93	73	97	26.04	cps
Cadmium	106-1	3237	2997	2810	3015	7.10	cps
Cadmium	111-1	2793	2609	2439	2614	6.77	cps
Calcium	43-1	66967	65099	65517	65861	1.49	cps
Calcium	44-1	1057366	1065246	1062921	1061844	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	150182	149209	149731	149707	0.33	cps
Cobalt	59-2	115261	114738	114761	114920	0.26	cps
Copper	63-2	216580	214308	213551	214813	0.73	cps
Dysprosium	156-1	26318	26178	25827	26108	0.97	cps
Dysprosium	156-2	19167	19310	18683	19053	1.73	cps
Erbium	164-1	20261	20866	20999	20709	1.90	cps
Erbium	164-2	13707	12963	13583	13418	2.97	cps
Gadolinium	160-1	25086	25370	24872	25109	0.99	cps
Gadolinium	160-2	17491	17211	17388	17363	0.82	cps
Holmium	165-1	13336971	13519060	13100723	13318918	1.57	cps
Holmium	165-2	8581248	8562127	8538127	8560501	0.25	cps
Indium	115-1	9803623	9741875	9663231	9736243	0.72	cps
Indium	115-2	3011507	2996803	2987115	2998475	0.41	cps
Iron	56-2	144826561	145106491	144515818	144816290	0.20	cps
Iron	57-2	3533659	3552014	3543580	3543084	0.26	cps
Iron	54-2	7833402	7764837	7800861	7799700	0.44	cps
Krypton	83-1	97	107	90	98	8.58	cps

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5D9	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:23:24	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	81485	82860	83095	82480	1.05	cps
Lead	207-1	70699	68454	69288	69481	1.63	cps
Lead	208-1	318131	315658	316502	316764	0.40	cps
Lithium	6-1	1825441	1810923	1789206	1808523	1.01	cps
Magnesium	24-2	2405648	2387560	2344995	2379401	1.31	cps
Manganese	55-2	2187380	2184826	2173838	2182015	0.33	cps
Molybdenum	94-1	21790	21179	21025	21331	1.90	cps
Molybdenum	95-1	3560	3477	3614	3550	1.94	cps
Molybdenum	96-1	9763	9043	9116	9307	4.26	cps
Molybdenum	97-1	2237	2154	2237	2209	2.18	cps
Molybdenum	98-1	5868	5524	5695	5696	3.02	cps
Neodymium	150-1	41243	41651	41183	41359	0.62	cps
Neodymium	150-2	22017	21907	22074	22000	0.39	cps
Nickel	60-2	46920	46699	46328	46649	0.64	cps
Phosphorus	31-2	6461	6738	6525	6575	2.21	cps
Potassium	39-2	552820	552684	545924	550476	0.72	cps
Rhodium	103-1	8723444	8534344	8437741	8565176	1.70	cps
Rhodium	103-2	4649706	4605703	4639740	4631716	0.50	cps
Scandium	45-1	4844626	4907310	4797651	4849862	1.13	cps
Scandium	45-2	388189	386793	385919	386967	0.30	cps
Selenium	82-1	476	366	345	396	17.84	cps
Selenium	77-2	53	80	50	61	26.91	cps
Selenium	78-2	147	153	153	151	2.55	cps
Silicon	28-1	2587328	2594420	2610272	2597340	0.45	cps
Silver	107-1	793	713	790	766	5.91	cps
Silver	109-1	687	690	643	673	3.87	cps
Sodium	23-2	21916	22193	22373	22160	1.04	cps
Strontium	86-1	61762	60453	60360	60858	1.29	cps
Strontium	88-1	529025	522721	523569	525105	0.65	cps
Sulfur	34-1	107220	103494	103779	104831	1.98	cps
Terbium	159-1	13939275	13580409	13442961	13654215	1.88	cps
Terbium	159-2	8452786	8508797	8424996	8462193	0.50	cps
Thallium	203-1	570	560	517	549	5.17	cps
Thallium	205-1	1413	1400	1190	1335	9.39	cps
Tin	118-1	7052	6702	7058	6937	2.94	cps
Titanium	47-1	119457	120743	119926	120042	0.54	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5D9	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:23:24	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12229	12126	11969	12108	1.08	cps
Vanadium	51-2	328088	328855	325535	327492	0.53	cps
Yttrium	89-1	10385613	10185424	10183778	10251605	1.13	cps
Yttrium	89-2	2345825	2350227	2349004	2348352	0.10	cps
Zinc	66-2	46679	46913	46873	46822	0.27	cps
Zirconium	90-1	51594	51968	52624	52062	1.00	cps
Zirconium	91-1	11755	11982	11912	11883	0.98	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5E7	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:26:36	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2932772	2944130	2912877	2929926	0.54	cps
Antimony	121-1	39858	40691	40066	40205	1.08	cps
Arsenic	75-2	137509	135306	136211	136342	0.81	cps
Barium	135-1	413048	416377	412683	414036	0.49	cps
Barium	137-1	714238	719783	720568	718196	0.48	cps
Beryllium	9-1	763	850	823	812	5.47	cps
Bismuth	209-1	8083610	8195245	8141238	8140031	0.69	cps
Bismuth	209-2	6215358	6195420	6181934	6197571	0.27	cps
Bromine	81-1	6505	6241	6405	6384	2.08	cps
Bromine	81-2	57	87	57	67	25.98	cps
Cadmium	108-1	137	110	117	121	11.46	cps
Cadmium	106-1	2934	2777	2857	2856	2.74	cps
Cadmium	111-1	2325	2160	2212	2232	3.77	cps
Calcium	43-1	821094	816108	814492	817231	0.42	cps
Calcium	44-1	12232453	12364264	12224739	12273819	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	896342	887953	886904	890400	0.58	cps
Cobalt	59-2	177185	174754	174980	175640	0.76	cps
Copper	63-2	295514	291322	291936	292924	0.77	cps
Dysprosium	156-1	27594	27721	27610	27642	0.25	cps
Dysprosium	156-2	20402	20155	20412	20323	0.72	cps
Erbium	164-1	22201	22301	22158	22220	0.33	cps
Erbium	164-2	14778	14214	14935	14642	2.59	cps
Gadolinium	160-1	26098	26088	26879	26355	1.72	cps
Gadolinium	160-2	18305	17935	17998	18080	1.10	cps
Holmium	165-1	13050530	13192454	13130632	13124539	0.54	cps
Holmium	165-2	8609899	8661846	8511000	8594248	0.89	cps
Indium	115-1	9604813	9588892	9386323	9526676	1.28	cps
Indium	115-2	2978472	2982945	2913414	2958277	1.32	cps
Iron	56-2	171142071	171374644	169054444	170523720	0.75	cps
Iron	57-2	4244022	4257776	4181720	4227839	0.96	cps
Iron	54-2	9277861	9211410	9252227	9247166	0.36	cps
Krypton	83-1	117	120	90	109	15.10	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5E7	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:26:36	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	66314	66947	67798	67019	1.11	cps
Lead	207-1	54619	53702	54372	54231	0.87	cps
Lead	208-1	252240	251469	253368	252359	0.38	cps
Lithium	6-1	1814705	1762067	1757128	1777967	1.79	cps
Magnesium	24-2	4111418	4128504	4058104	4099342	0.90	cps
Manganese	55-2	5465253	5419844	5395422	5426840	0.65	cps
Molybdenum	94-1	30816	31053	29860	30576	2.06	cps
Molybdenum	95-1	7825	7769	7896	7830	0.81	cps
Molybdenum	96-1	15081	15488	14597	15056	2.96	cps
Molybdenum	97-1	4884	4567	4747	4733	3.36	cps
Molybdenum	98-1	12182	12502	12125	12270	1.66	cps
Neodymium	150-1	42293	43059	42942	42765	0.96	cps
Neodymium	150-2	23329	23192	22859	23127	1.05	cps
Nickel	60-2	200032	198661	196475	198389	0.90	cps
Phosphorus	31-2	4287	4554	4421	4421	3.02	cps
Potassium	39-2	264168	262730	262276	263058	0.38	cps
Rhodium	103-1	8378194	8364351	8205428	8315991	1.15	cps
Rhodium	103-2	4593737	4547313	4540260	4560437	0.64	cps
Scandium	45-1	4878329	4819302	4754894	4817509	1.28	cps
Scandium	45-2	383924	382538	380345	382269	0.47	cps
Selenium	82-1	413	403	395	404	2.20	cps
Selenium	77-2	53	40	47	47	14.28	cps
Selenium	78-2	153	120	170	148	17.23	cps
Silicon	28-1	3299457	3282352	3267047	3282952	0.49	cps
Silver	107-1	403	437	427	422	4.05	cps
Silver	109-1	390	343	340	358	7.81	cps
Sodium	23-2	35364	35468	35842	35558	0.71	cps
Strontium	86-1	148214	149459	146264	147979	1.09	cps
Strontium	88-1	1301242	1295144	1292628	1296338	0.34	cps
Sulfur	34-1	105914	106303	105860	106026	0.23	cps
Terbium	159-1	13618864	13567866	13479482	13555404	0.52	cps
Terbium	159-2	8421785	8397318	8358206	8392436	0.38	cps
Thallium	203-1	877	860	947	894	5.14	cps
Thallium	205-1	2264	2227	2150	2214	2.61	cps
Tin	118-1	6375	6331	6231	6313	1.17	cps
Titanium	47-1	318009	316712	314789	316503	0.51	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	P2820-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5E7	Dilution Factor :	2
Date & Time Acquired :	2024-10-04 00:26:36	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10221	10147	10468	10278	1.63	cps
Vanadium	51-2	355531	356373	354543	355482	0.26	cps
Yttrium	89-1	10153945	10193217	10047346	10131503	0.75	cps
Yttrium	89-2	2327420	2332930	2291914	2317422	0.96	cps
Zinc	66-2	36331	36348	36007	36228	0.53	cps
Zirconium	90-1	70146	71155	71376	70892	0.92	cps
Zirconium	91-1	15835	15468	16286	15863	2.58	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 00:29:48	DataFile Name :	166CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4565761	4600623	4607895	4591427	0.49	cps
Antimony	121-1	2729795	2739850	2773841	2747829	0.84	cps
Arsenic	75-2	109158	108966	110856	109660	0.95	cps
Barium	135-1	3859687	3893350	3869526	3874188	0.45	cps
Barium	137-1	6593681	6646026	6645732	6628480	0.45	cps
Beryllium	9-1	394621	393776	394186	394194	0.11	cps
Bismuth	209-1	7511446	7440956	7429926	7460776	0.59	cps
Bismuth	209-2	5679761	5653517	5631207	5654828	0.43	cps
Bromine	81-1	5768	5501	5731	5667	2.55	cps
Bromine	81-2	27	43	40	37	24.04	cps
Cadmium	108-1	48163	48845	48835	48614	0.80	cps
Cadmium	106-1	70557	70932	71100	70863	0.39	cps
Cadmium	111-1	656617	659755	656777	657716	0.27	cps
Calcium	43-1	3122806	3073435	3126778	3107673	0.96	cps
Calcium	44-1	49372293	49295204	49498821	49388773	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	840614	843307	839869	841263	0.21	cps
Cobalt	59-2	1293049	1291439	1301900	1295463	0.43	cps
Copper	63-2	8979354	9106113	9103552	9063006	0.80	cps
Dysprosium	156-1	183	170	207	187	9.94	cps
Dysprosium	156-2	267	253	230	250	7.42	cps
Erbium	164-1	127	207	200	178	24.97	cps
Erbium	164-2	107	137	87	110	22.88	cps
Gadolinium	160-1	160	130	140	143	10.66	cps
Gadolinium	160-2	403	423	410	412	2.47	cps
Holmium	165-1	12391579	12280041	12374575	12348732	0.49	cps
Holmium	165-2	8204181	8236322	8234796	8225100	0.22	cps
Indium	115-1	8379140	8416064	8321871	8372358	0.57	cps
Indium	115-2	2664177	2671578	2657090	2664282	0.27	cps
Iron	56-2	186054164	186940237	186885977	186626793	0.27	cps
Iron	57-2	4553784	4623891	4618999	4598891	0.85	cps
Iron	54-2	9969748	10076559	10052720	10033009	0.56	cps
Krypton	83-1	110	130	130	123	9.36	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 00:29:48	DataFile Name :	166CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11741644	11957406	11993378	11897476	1.14	cps
Lead	207-1	10496665	10540152	10618207	10551675	0.58	cps
Lead	208-1	47446465	47810995	48155092	47804184	0.74	cps
Lithium	6-1	1564180	1547059	1543459	1551566	0.71	cps
Magnesium	24-2	37562451	37791170	37672191	37675271	0.30	cps
Manganese	55-2	6474385	6535581	6575264	6528410	0.78	cps
Molybdenum	94-1	9179867	9267592	9288127	9245195	0.62	cps
Molybdenum	95-1	13509933	13383844	13478660	13457479	0.49	cps
Molybdenum	96-1	14828915	14634777	14730837	14731510	0.66	cps
Molybdenum	97-1	8533944	8433897	8451638	8473160	0.63	cps
Molybdenum	98-1	22083746	22053457	22037551	22058251	0.11	cps
Neodymium	150-1	333	263	287	294	12.10	cps
Neodymium	150-2	83	67	117	89	28.64	cps
Nickel	60-2	315153	318519	317307	316993	0.54	cps
Phosphorus	31-2	45945	45909	46594	46149	0.84	cps
Potassium	39-2	23212625	23401842	23430805	23348424	0.51	cps
Rhodium	103-1	7103128	7006087	7001771	7036995	0.81	cps
Rhodium	103-2	3927132	3947292	3968398	3947607	0.52	cps
Scandium	45-1	4062098	3993527	3996751	4017459	0.96	cps
Scandium	45-2	333532	334990	335754	334759	0.34	cps
Selenium	82-1	36581	36441	36890	36637	0.63	cps
Selenium	77-2	3277	3244	3114	3211	2.69	cps
Selenium	78-2	10811	10754	11064	10876	1.52	cps
Silicon	28-1	4480419	4405026	4522601	4469349	1.33	cps
Silver	107-1	3100559	3080162	3074009	3084910	0.45	cps
Silver	109-1	2971492	2970956	2958130	2966859	0.25	cps
Sodium	23-2	63752304	63744822	63598332	63698486	0.14	cps
Strontium	86-1	20725462	20683391	20790985	20733279	0.26	cps
Strontium	88-1	184441264	182830804	183261784	183511284	0.45	cps
Sulfur	34-1	270746	267608	267523	268626	0.68	cps
Terbium	159-1	12653407	12626631	12690679	12656906	0.25	cps
Terbium	159-2	7993575	8026848	8058149	8026191	0.40	cps
Thallium	203-1	3004780	2977897	3018190	3000289	0.68	cps
Thallium	205-1	7084823	7069630	7264176	7139543	1.52	cps
Tin	118-1	2335417	2341665	2329406	2335496	0.26	cps
Titanium	47-1	2933938	2910830	2926910	2923893	0.41	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 00:29:48	DataFile Name :	166CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10175389	10226889	10274175	10225485	0.48	cps
Vanadium	51-2	754634	759549	758608	757597	0.34	cps
Yttrium	89-1	8978750	8885356	8870358	8911488	0.66	cps
Yttrium	89-2	2050264	2079450	2067998	2065904	0.71	cps
Zinc	66-2	1540204	1539642	1529659	1536501	0.39	cps
Zirconium	90-1	4429618	4402715	4469650	4433994	0.76	cps
Zirconium	91-1	986496	983682	988854	986344	0.26	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 00:32:35	DataFile Name :	167CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	227	243	240	5.01	cps
Antimony	121-1	2214	2197	2564	2325	8.91	cps
Arsenic	75-2	23	20	30	24	20.83	cps
Barium	135-1	220	193	180	198	10.30	cps
Barium	137-1	313	320	350	328	5.96	cps
Beryllium	9-1	100	157	137	131	21.92	cps
Bismuth	209-1	8777024	8838273	8714484	8776594	0.71	cps
Bismuth	209-2	6541274	6559152	6536217	6545547	0.18	cps
Bromine	81-1	5775	6135	5941	5950	3.03	cps
Bromine	81-2	13	27	27	22	34.66	cps
Cadmium	108-1	17	3	13	11	62.48	cps
Cadmium	106-1	2674	2477	2517	2556	4.07	cps
Cadmium	111-1	1947	1758	1796	1834	5.44	cps
Calcium	43-1	213	267	203	228	14.95	cps
Calcium	44-1	3977	3874	3801	3884	2.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	353	340	300	331	8.38	cps
Cobalt	59-2	140	127	127	131	5.87	cps
Copper	63-2	810	927	747	828	11.03	cps
Dysprosium	156-1	27	17	23	22	22.91	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	97	73	83	84	13.87	cps
Erbium	164-2	43	87	53	61	37.14	cps
Gadolinium	160-1	53	37	50	47	18.89	cps
Gadolinium	160-2	367	427	380	391	8.06	cps
Holmium	165-1	13308642	13395799	13354203	13352881	0.33	cps
Holmium	165-2	8727003	8812386	8679327	8739572	0.77	cps
Indium	115-1	9662180	9671950	9720296	9684809	0.32	cps
Indium	115-2	3057078	2993895	3053875	3034949	1.17	cps
Iron	56-2	17133	16773	16779	16895	1.22	cps
Iron	57-2	707	763	723	731	3.98	cps
Iron	54-2	1417	1390	1587	1465	7.28	cps
Krypton	83-1	130	93	97	107	19.01	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 00:32:35	DataFile Name :	167CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1230	1077	960	1089	12.44	cps
Lead	207-1	1013	1040	763	939	16.26	cps
Lead	208-1	4600	4384	3944	4309	7.77	cps
Lithium	6-1	1752982	1777624	1752328	1760978	0.82	cps
Magnesium	24-2	1777	1950	1867	1865	4.65	cps
Manganese	55-2	580	563	620	588	4.95	cps
Molybdenum	94-1	1010	967	1000	992	2.29	cps
Molybdenum	95-1	923	887	950	920	3.46	cps
Molybdenum	96-1	1043	973	987	1001	3.71	cps
Molybdenum	97-1	500	513	493	502	2.03	cps
Molybdenum	98-1	1503	1320	1480	1435	6.96	cps
Neodymium	150-1	3	13	17	11	62.48	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	77	87	67	77	13.04	cps
Phosphorus	31-2	80	70	43	64	29.41	cps
Potassium	39-2	25922	25341	25618	25627	1.13	cps
Rhodium	103-1	8373281	8444022	8496745	8438016	0.73	cps
Rhodium	103-2	4676778	4715605	4694919	4695767	0.41	cps
Scandium	45-1	4487423	4506524	4476870	4490272	0.33	cps
Scandium	45-2	367615	369215	370312	369047	0.37	cps
Selenium	82-1	226	342	354	307	23.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	140	77	113	110	28.91	cps
Silicon	28-1	102023	103822	103385	103077	0.91	cps
Silver	107-1	510	380	390	427	16.95	cps
Silver	109-1	443	410	387	413	6.89	cps
Sodium	23-2	12222	11875	11501	11866	3.04	cps
Strontium	86-1	850	740	827	806	7.20	cps
Strontium	88-1	6495	5785	5898	6059	6.30	cps
Sulfur	34-1	103417	103622	105307	104115	1.00	cps
Terbium	159-1	13755035	13894961	13648625	13766207	0.90	cps
Terbium	159-2	8545375	8585689	8487673	8539579	0.58	cps
Thallium	203-1	767	577	450	598	26.66	cps
Thallium	205-1	1420	1337	1140	1299	11.07	cps
Tin	118-1	943	1150	1373	1156	18.61	cps
Titanium	47-1	127	220	220	189	28.53	cps

Reviewed By:Mohan
On:10/4/2024 11:29:31 AM
Inst Id :P7

LB Number :	LB132762	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 00:32:35	DataFile Name :	167CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	313	287	283	294	5.58	cps
Vanadium	51-2	17	23	37	26	39.85	cps
Yttrium	89-1	9718633	9655153	9755736	9709841	0.52	cps
Yttrium	89-2	2259963	2295207	2272972	2276047	0.78	cps
Zinc	66-2	290	267	327	294	10.27	cps
Zirconium	90-1	1183	1213	1297	1231	4.77	cps
Zirconium	91-1	220	253	253	242	7.95	cps

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Prep Standard - Chemical Standard Summary

Order ID : P2820

Test : Metals CLP MS FULL

Prepbatch ID : PB163789,

Sequence ID/Qc Batch ID: LB132762,

Standard ID :
MP81119,MP82127,MP821583,MP82568,MP82569,MP82570,MP82571,MP82572,MP82573,MP82574,MP82575,MP82576,MP82577,MP82578,MP82579,MP82580,MP82581,MP82583,MP82585,MP82586,MP82587,

Chemical ID :
M5192,M5288,M5289,M5295,M5304,M5390,M5473,M5476,M5498,M5513,M5515,M5519,M5565,M5634,M5657,M5658,M5697,M5698,M5739,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M5873,M5874,M5935,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M6037,M6040,M6055,W2606,W3112,

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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	10/24/2024	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
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP82568	09/28/2024	10/22/2024	Sarabjit Jaswal	None	None	Mohan Bera 09/30/2024

FROM 25.00000ml of M6040 + 4925.00000ml of W3112 + 50.00000ml of M6037 = Final Quantity: 5000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP82569	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5768 + 5.00000ml of M5806 + 79.00000ml of MP82568 = 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)	MP82570	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M5976 + 10.00000ml of M5978 + 10.00000ml of M6037 + 2.00000ml of M5815 + 2.00000ml of M5817 + 2.50000ml of M5476 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6040 + 50.00000ml of M5304 + 829.10000ml of W3112 + 9.00000ml of M5697 + 9.00000ml of M5698 + 9.00000ml of M5819 + 9.90000ml of M5498 + 9.90000ml of M5768 + 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)	MP82571	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 48.50000ml of W3112 + 50.00000ml of MP82570 = 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
3949	S5(SFAM,6020,200.8)	MP82572	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 73.50000ml of W3112 + 25.00000ml of MP82570 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	MP82573	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 86.00000ml of W3112 + 12.50000ml of MP82570 = 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)	MP82574	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82571 = 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)	MP82575	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

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 M5697 + 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 M6040 + 226.25000ml of W3112 + 5.00000ml of M6037 = 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)	MP82576	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_2 (ICP B)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 98.00000ml of W3112 + 0.50000ml of MP82575 = 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)	MP82577	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82576 = 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)	MP82578	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP82579	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

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 M5473 + 10.00000ml of M6037 + 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 M5697 + 4.50000ml of M5698 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6040 + 824.35000ml 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	MP82580	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP82581	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP82568 = 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	MP82583	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

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 M5697 + 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 M5519 + 12.50000ml of M5769 + 12.50000ml of M5806 + 158.75000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 2.50000ml of M6040 + 5.00000ml of M5515 + 5.00000ml of M6037 + 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	MP82585	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.01000ml of M5768 + 9.99000ml of MP82568 = 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	MP82586	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP82585 + 96.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP82587	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 5.00000ml of M6037 + 75.00000ml of M5739 + 170.00000ml of MP82568 = Final Quantity: 250.000 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	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	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	08/29/2025	03/16/2023 / jaswal	03/16/2023 / jaswal	M5473

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

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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	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

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.	58029 / Cu, 1000 PPM, 500 ml	102523	10/25/2026	04/03/2024 / jaswal	10/27/2023 / jaswal	M5697

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

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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	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.	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.	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

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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

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

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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

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

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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

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

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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

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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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-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	02/02/2025	08/24/2024 / Janvi	08/01/2024 / Janvi	M6037

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 / Janvi	08/01/2024 / Janvi	M6040

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	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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R 8/15/24

M6028

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1063

CERTIFIED WEIGHT REPORT:

Part Number: 57048
Lot Number: 070124
Description: Cadmium (Cd)

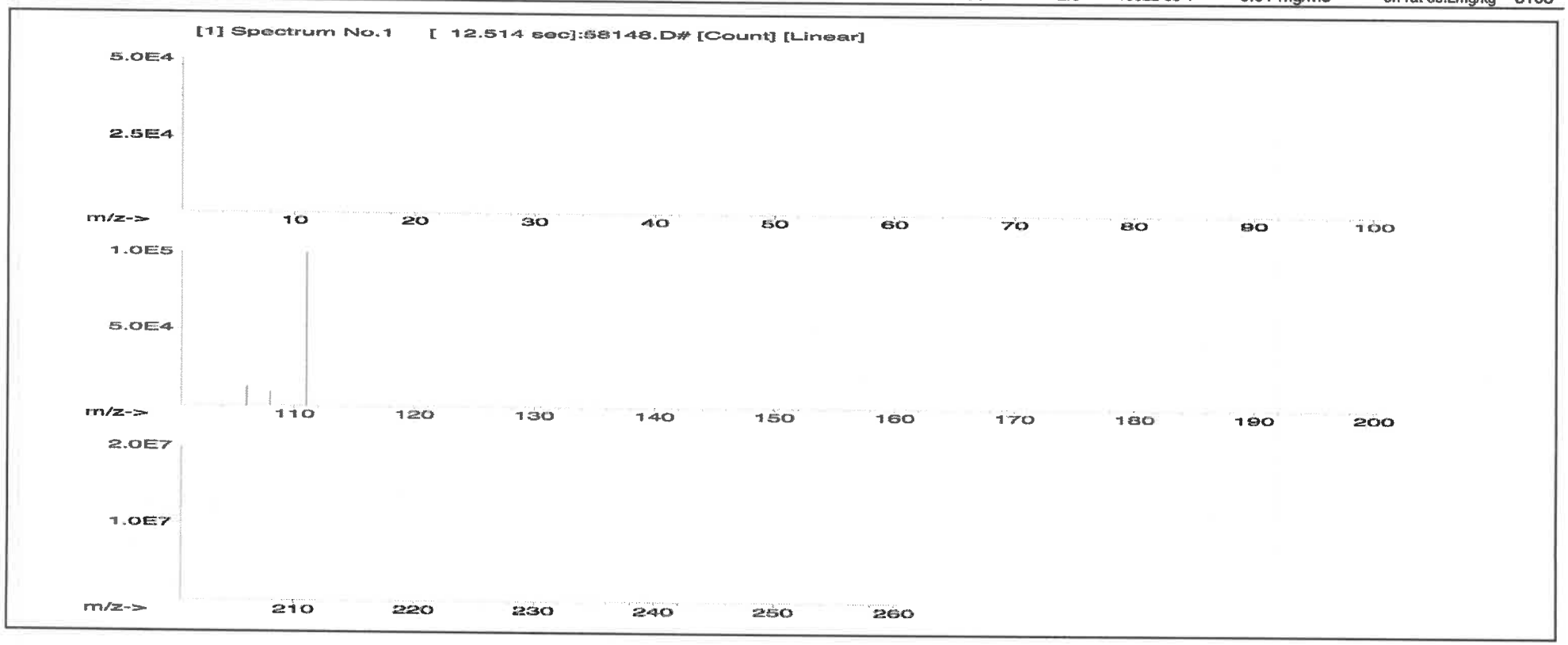
Expiration Date: 070127
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 2000.07 0.100 Flask Uncertainty

	Lot #	
Solvent:	24002546	Nitric Acid
2%	40.0 (mL)	Nitric Acid

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



1064

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

1065

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

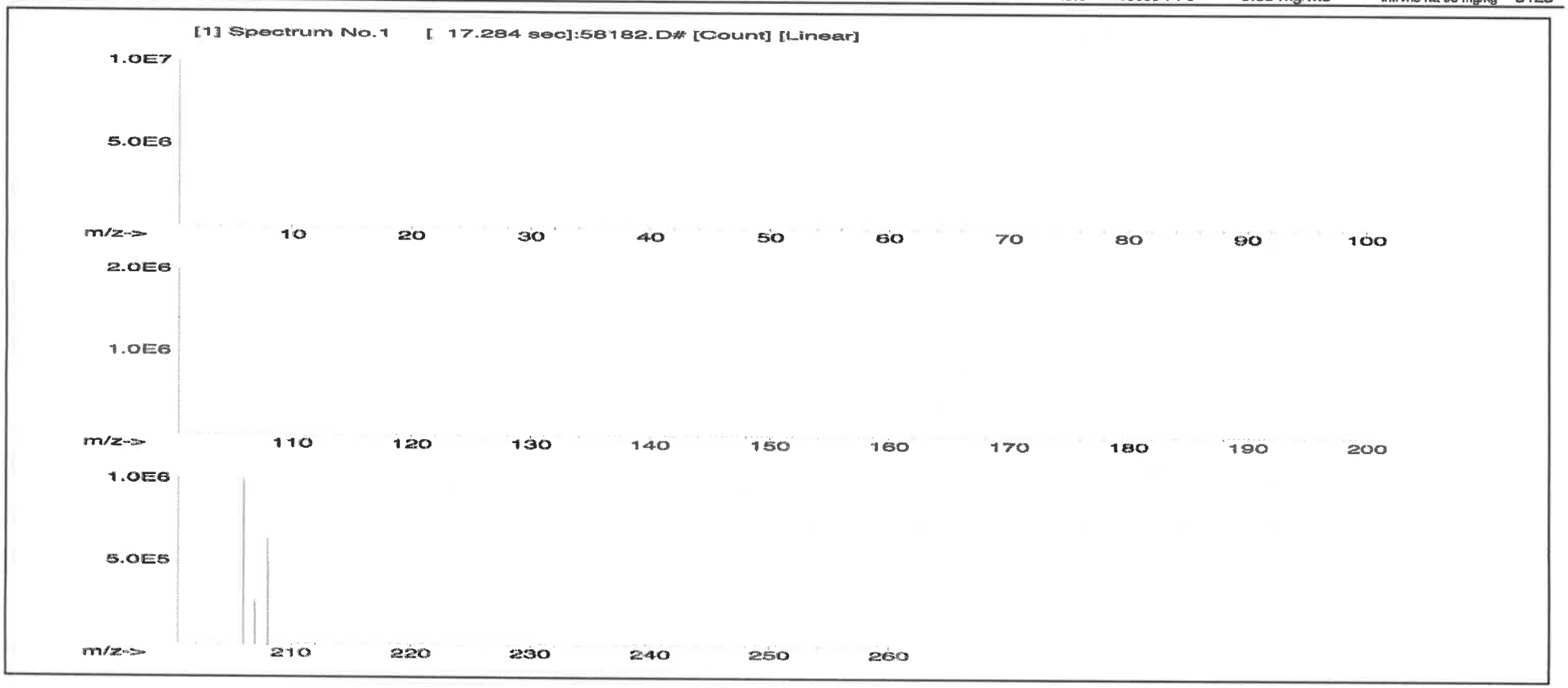
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		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



1066

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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1067

CERTIFIED WEIGHT REPORT:

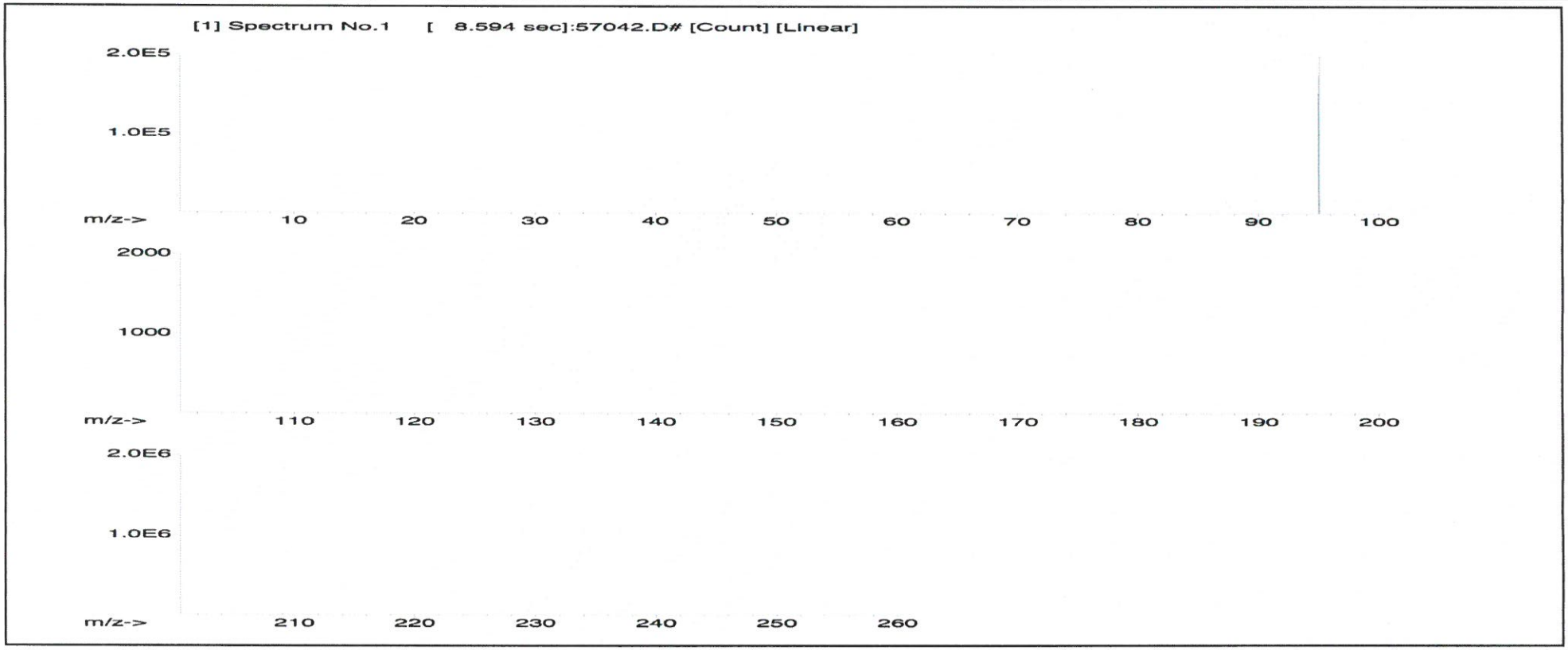
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)
Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Volume shown below was diluted to (mL): 3000.41

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



1068

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 (BP)

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1069

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

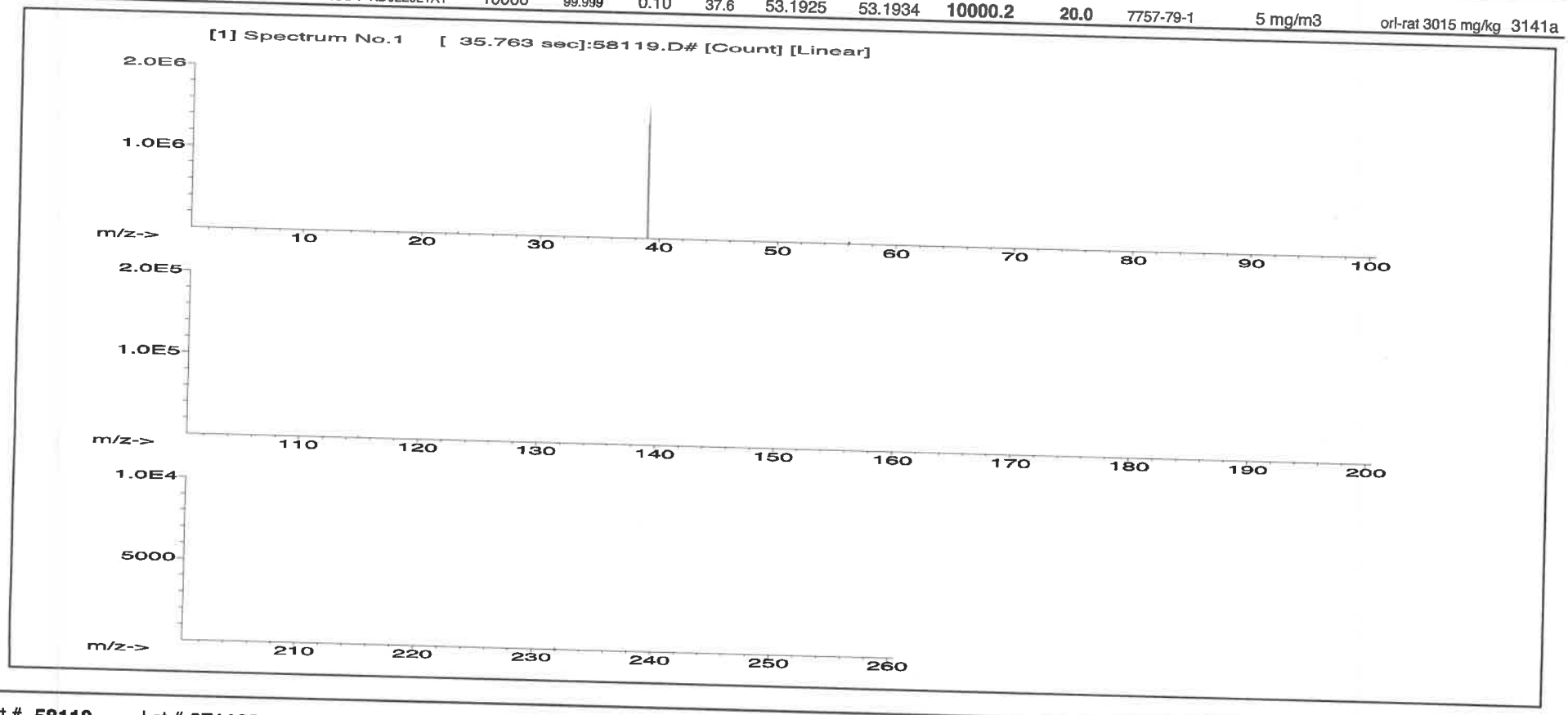
Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	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



1070

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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M5289 R: 07/12/22 BH

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1071

CERTIFIED WEIGHT REPORT:

Part Number: 58113
Lot Number: 070622
Description: Aluminum (Al)

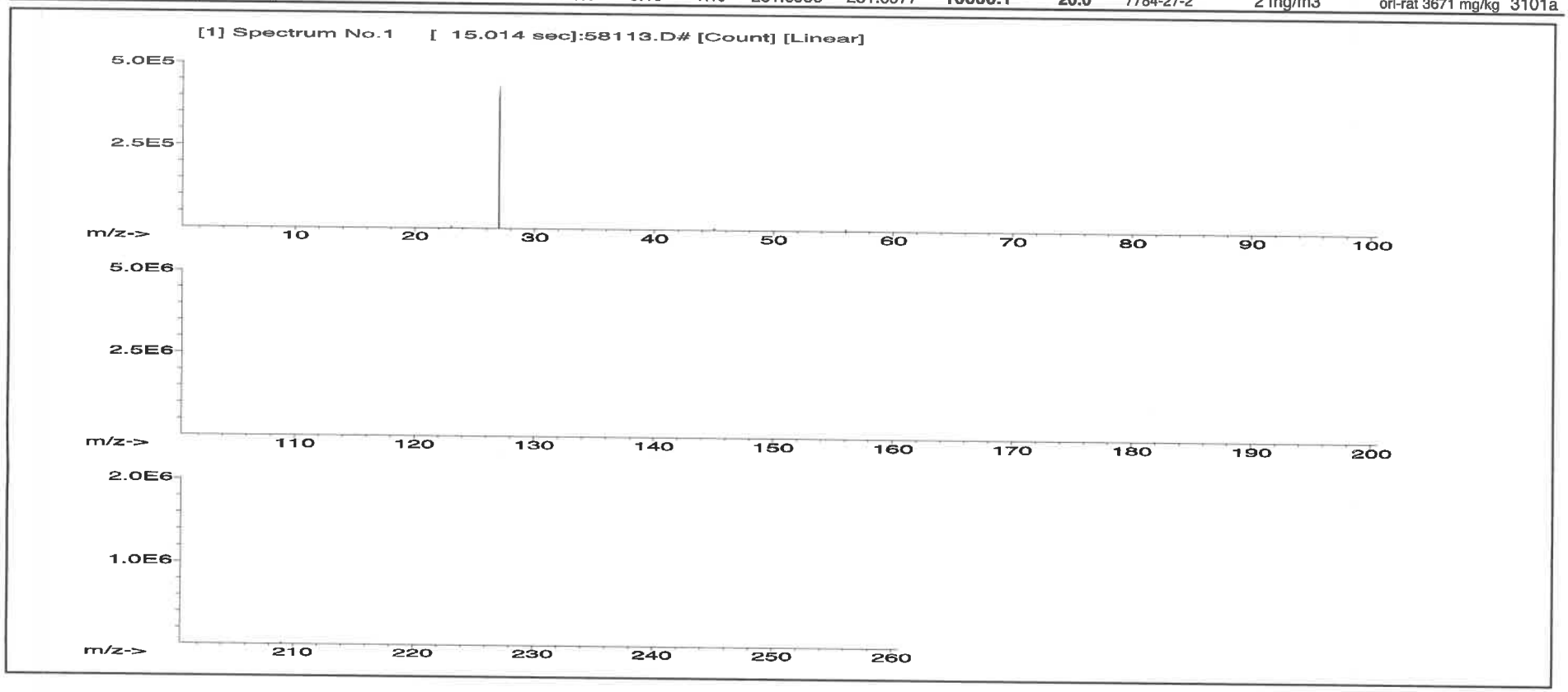
Expiration Date: 070625
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02 ± 0.058 Flask Uncertainty

		Lot #	
Solvent:	20370011	Nitric Acid	
2%	40.0 (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. 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



1072

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.

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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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* 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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inorganicventures.com

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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:	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**

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:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

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**

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

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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

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R: 09/08/22 (BH)

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M5387 . M5389 . M5390 . M5391 . M5392

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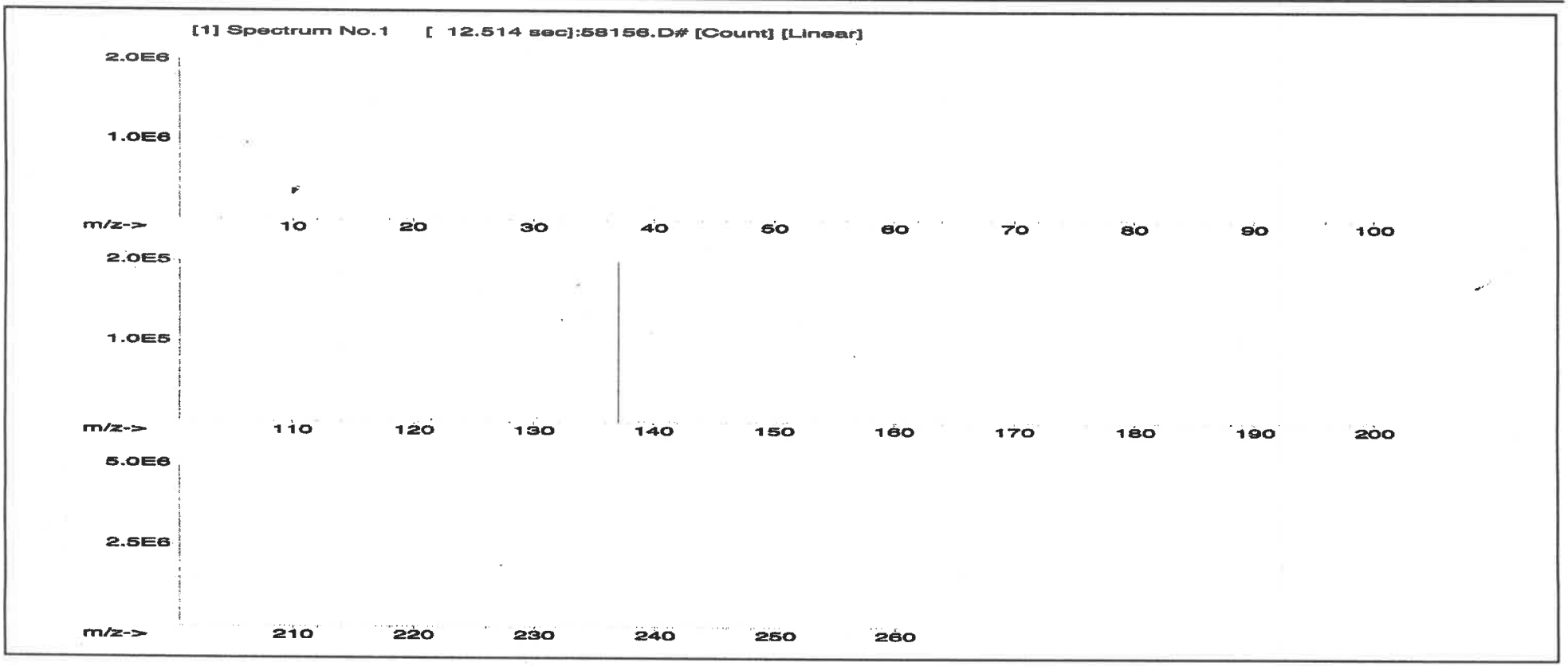
CERTIFIED WEIGHT REPORT:

		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).

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Certified Reference Material CRM

M5497 - M5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

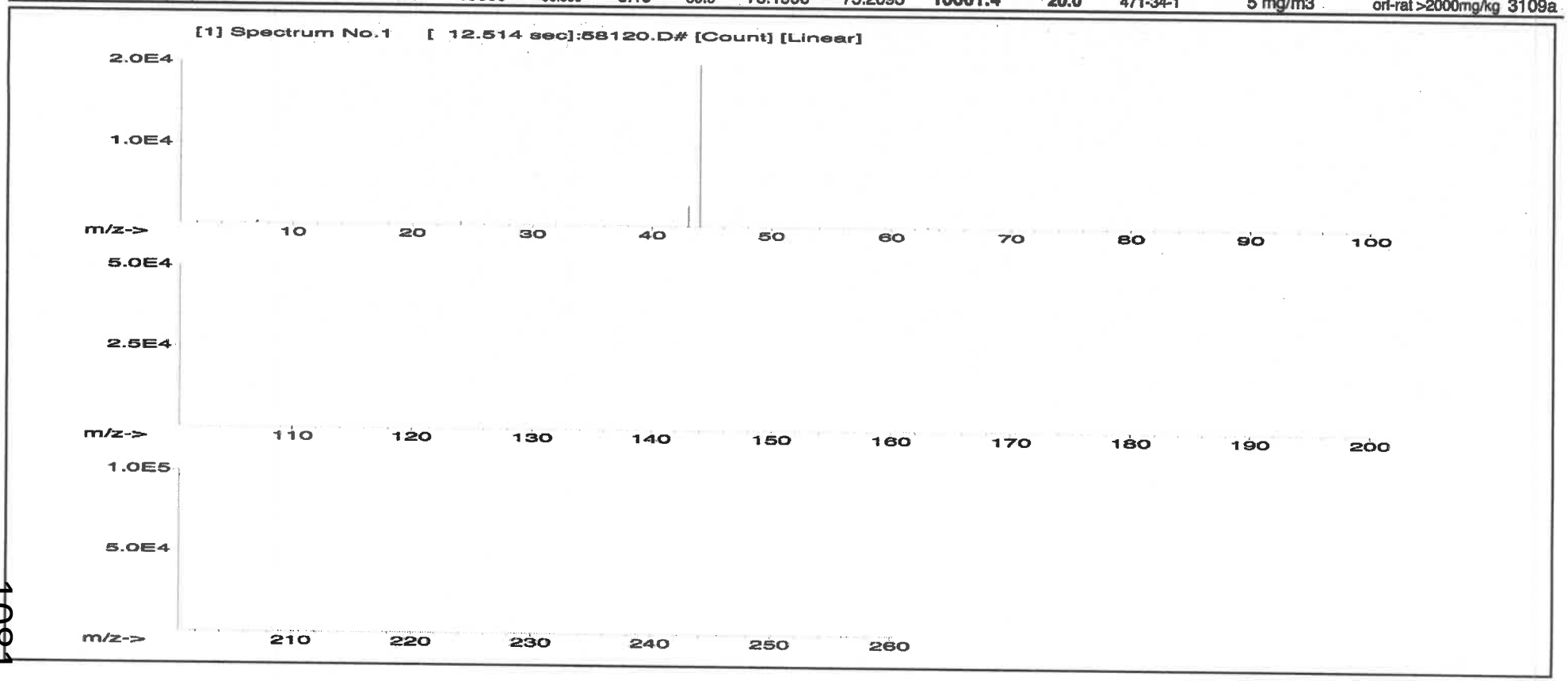
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	

Giovanni Esposito
Formulated By: Giovanni Esposito 031523

Pedro Rentas
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



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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	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).

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Certified Reference Material CRM

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

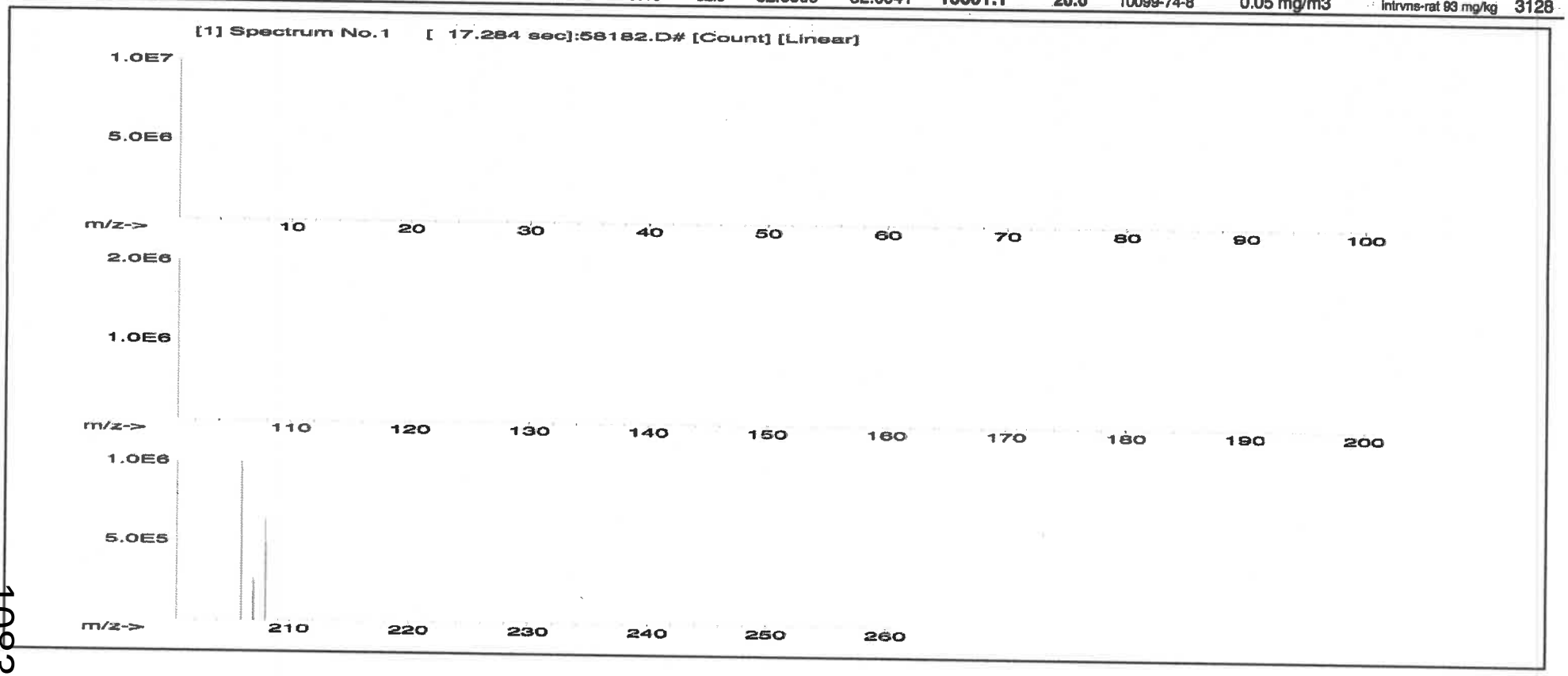
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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



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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).

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Certified Reference Material CRM

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

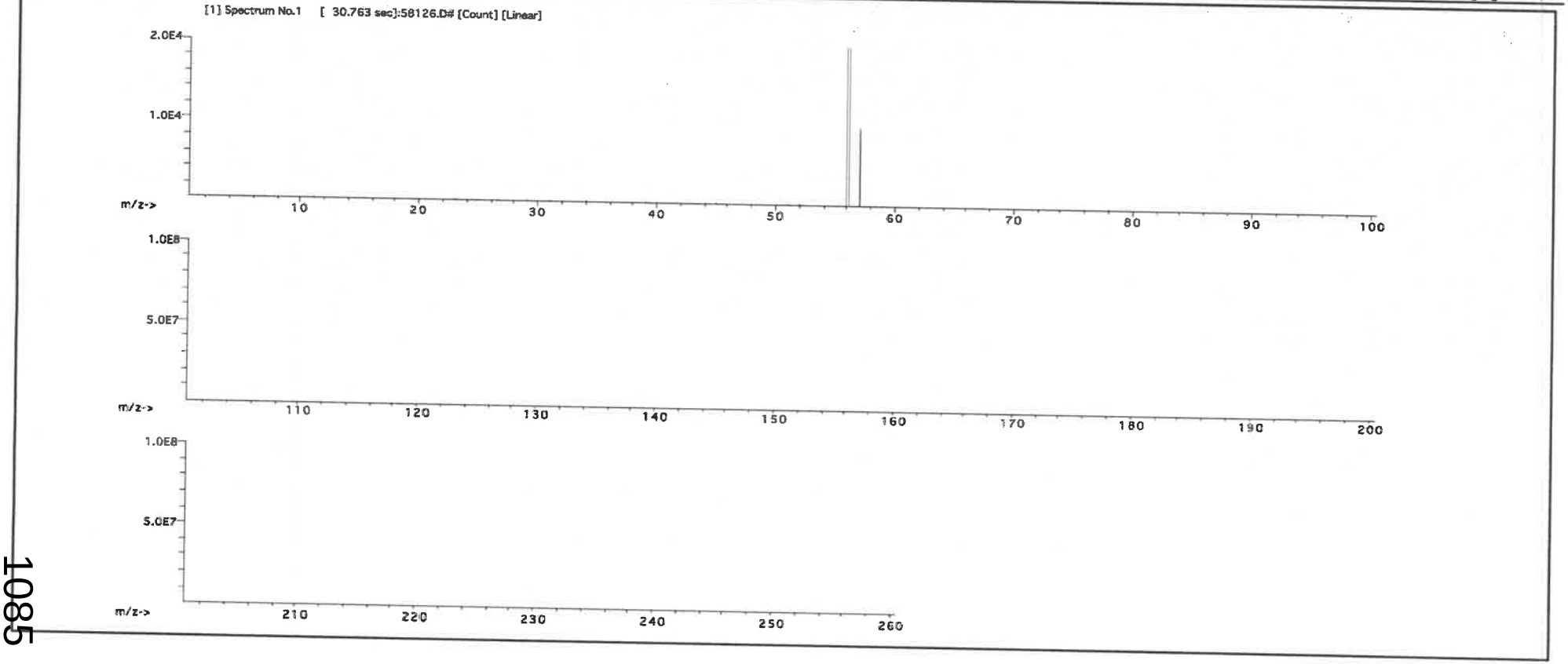
	Lot #		
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

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



1085

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.
* 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).

T086

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800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

MS19. MS20 (BH) R:03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1087

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 ± 0.06 Flask Uncertainty

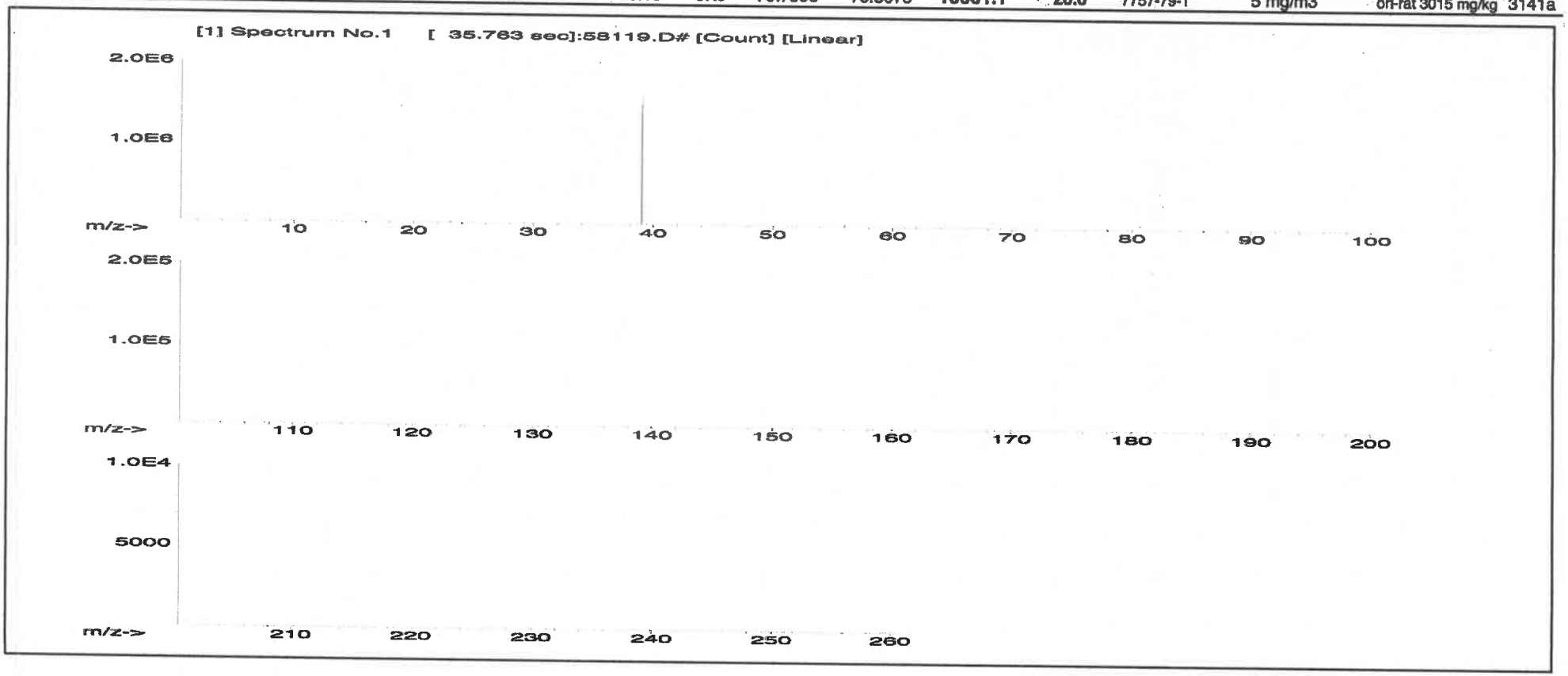
		Lot #	
Solvent:	20510011		Nitric Acid
	2%	60.0 (mL)	Nitric Acid

5E-05 Balance 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



1088

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:

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).

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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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:

1094

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5658 R ! 8/25/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

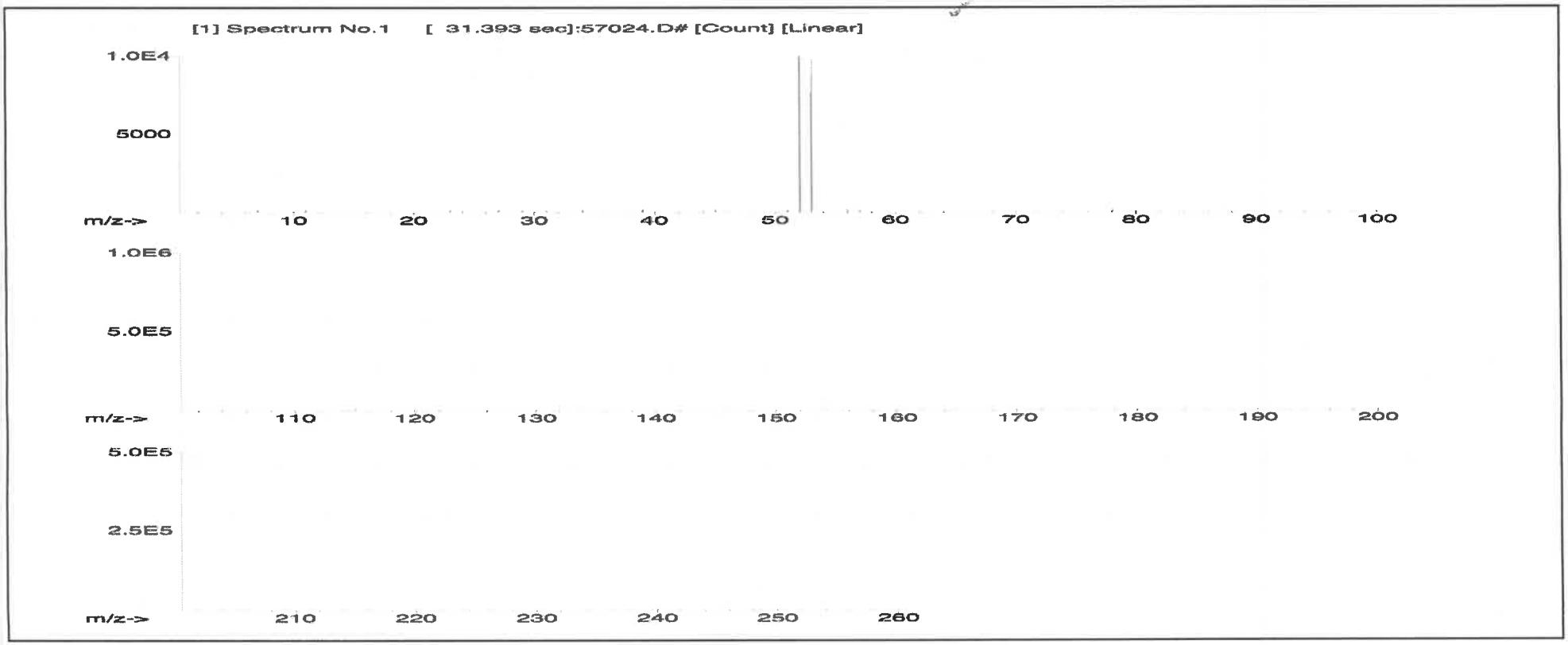
1098

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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M5697 R: 10/27/23

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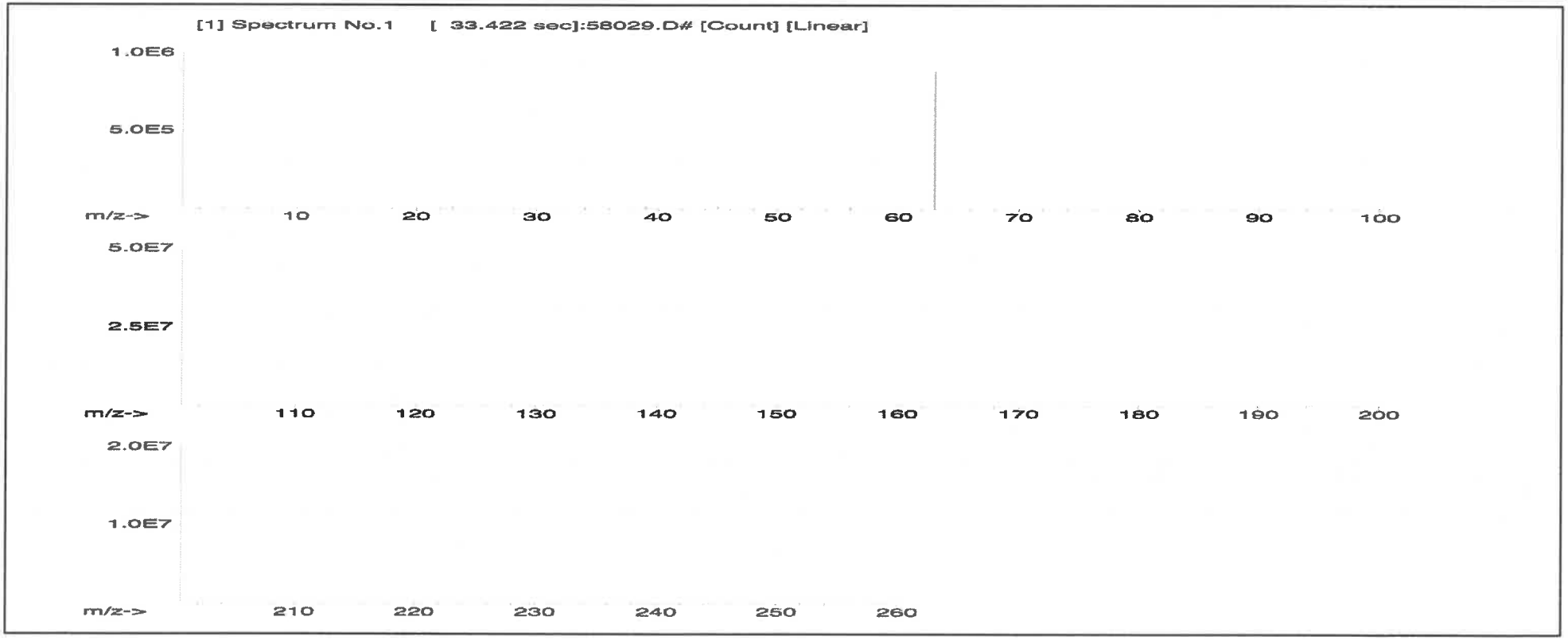
1100

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Copper (Cu)**			
		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. Copper(II) nitrate trihydrate (Cu)	58129	100223	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



1101

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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* 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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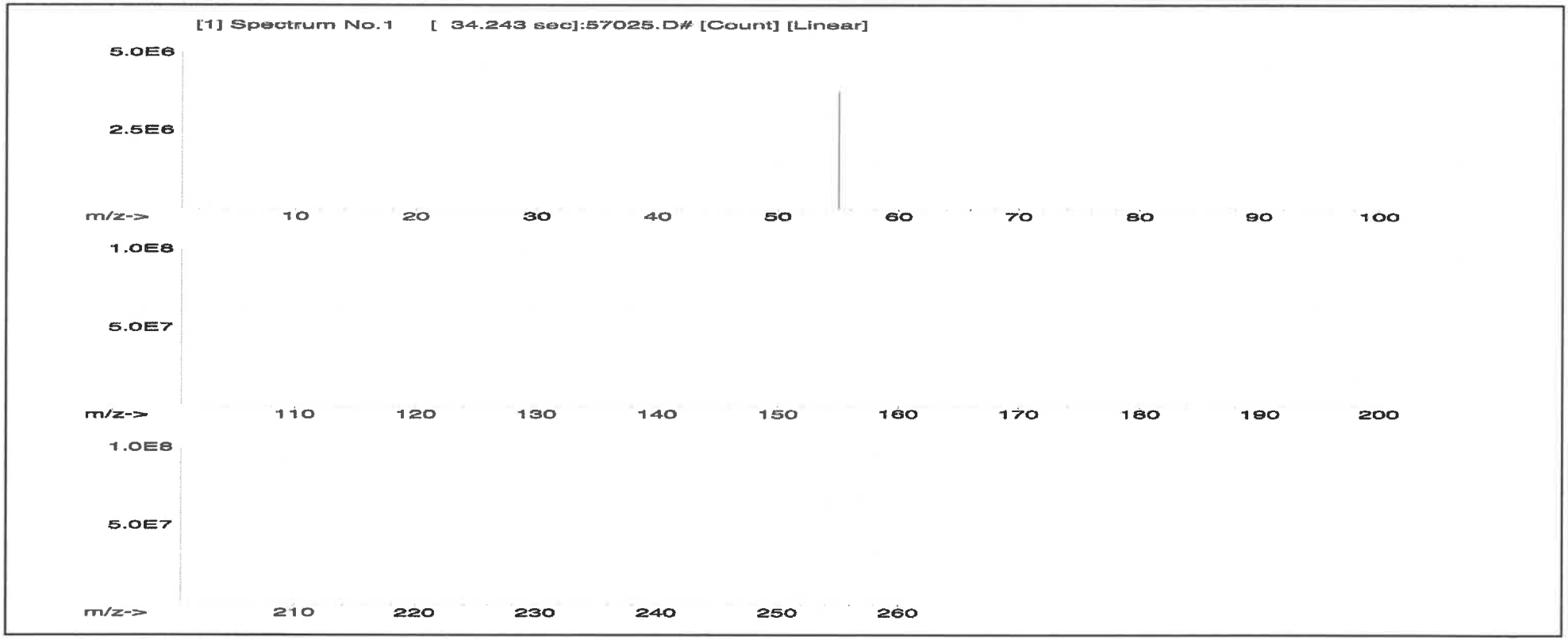
1102

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



1103

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:

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 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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M5768 M5769 (BP) R:1/3/24

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1104

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

M5768, M5769 (BP) R: 1/3/24

Weight shown below was diluted to (mL): 2000.02 ± 0.058 Flask Uncertainty

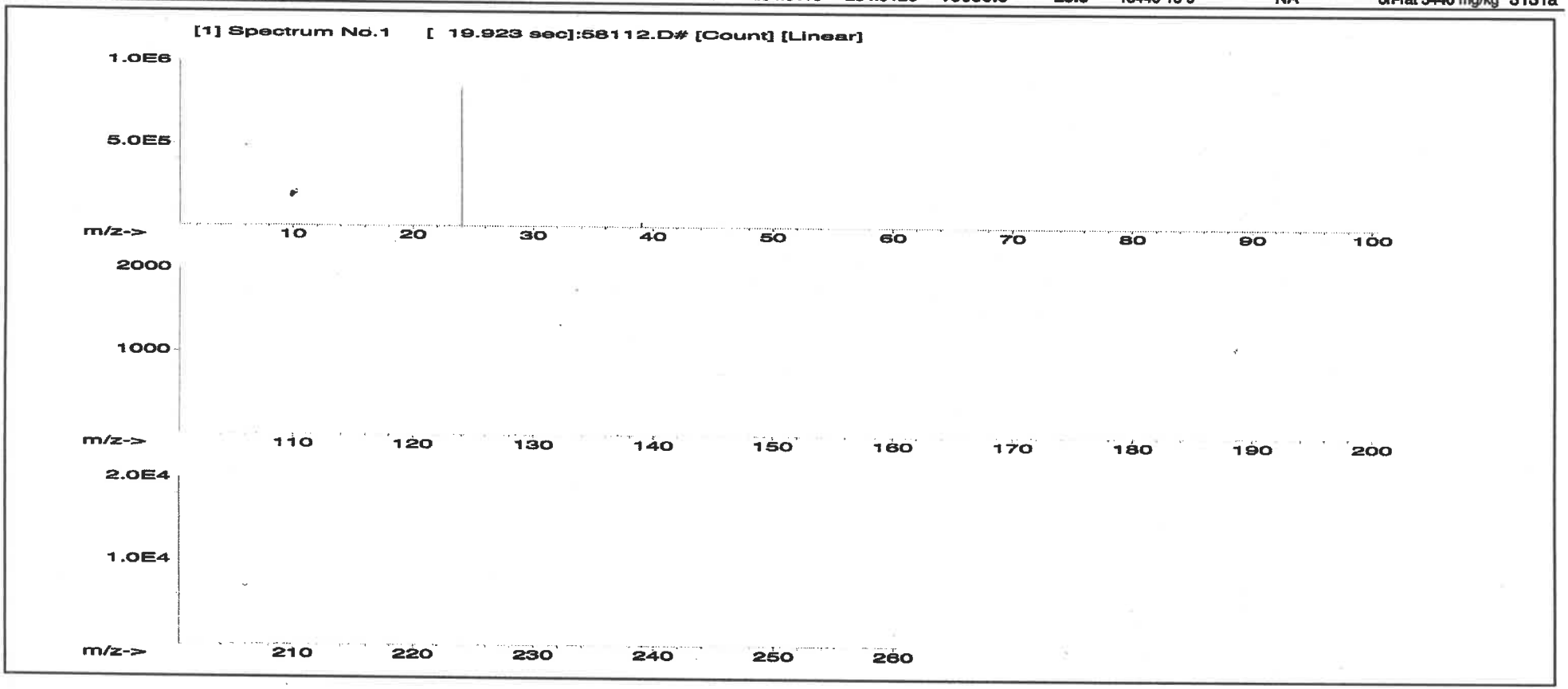
		Lot #	
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By: 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



1105

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.

* 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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M5768 M5769 (BP) R:1/3/24

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1106

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	

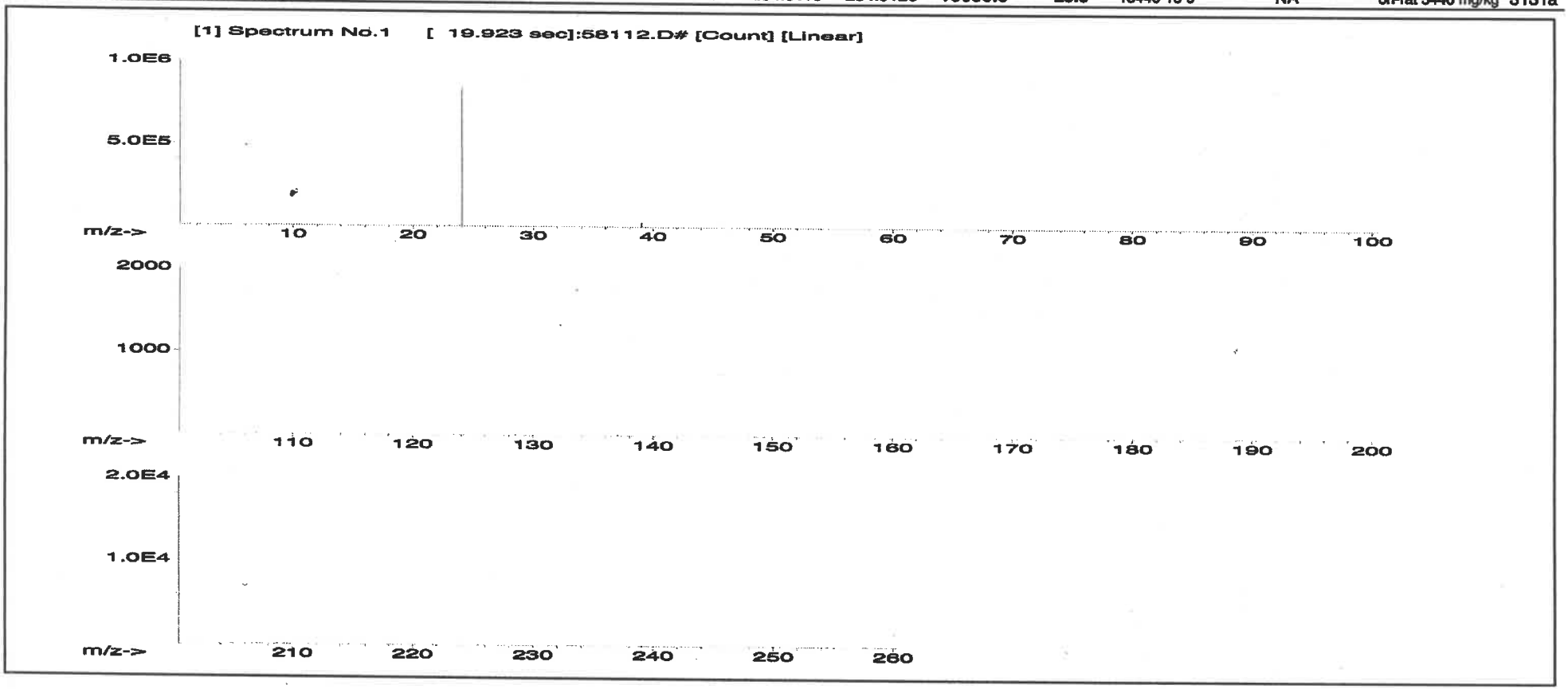
5E-05 Balance Uncertainty

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



11107

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.

* 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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R: 02/09/24 M5798

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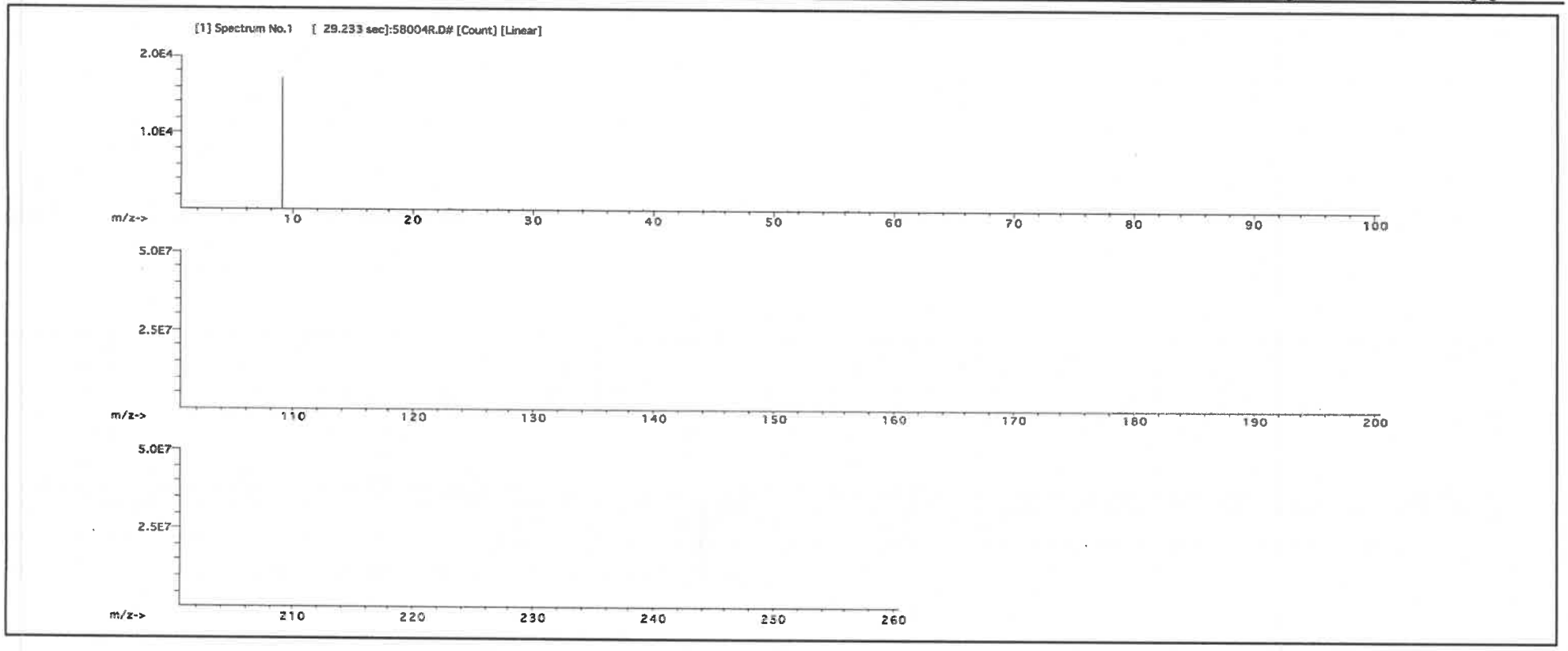
1108

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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* 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).

1109

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1110

CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

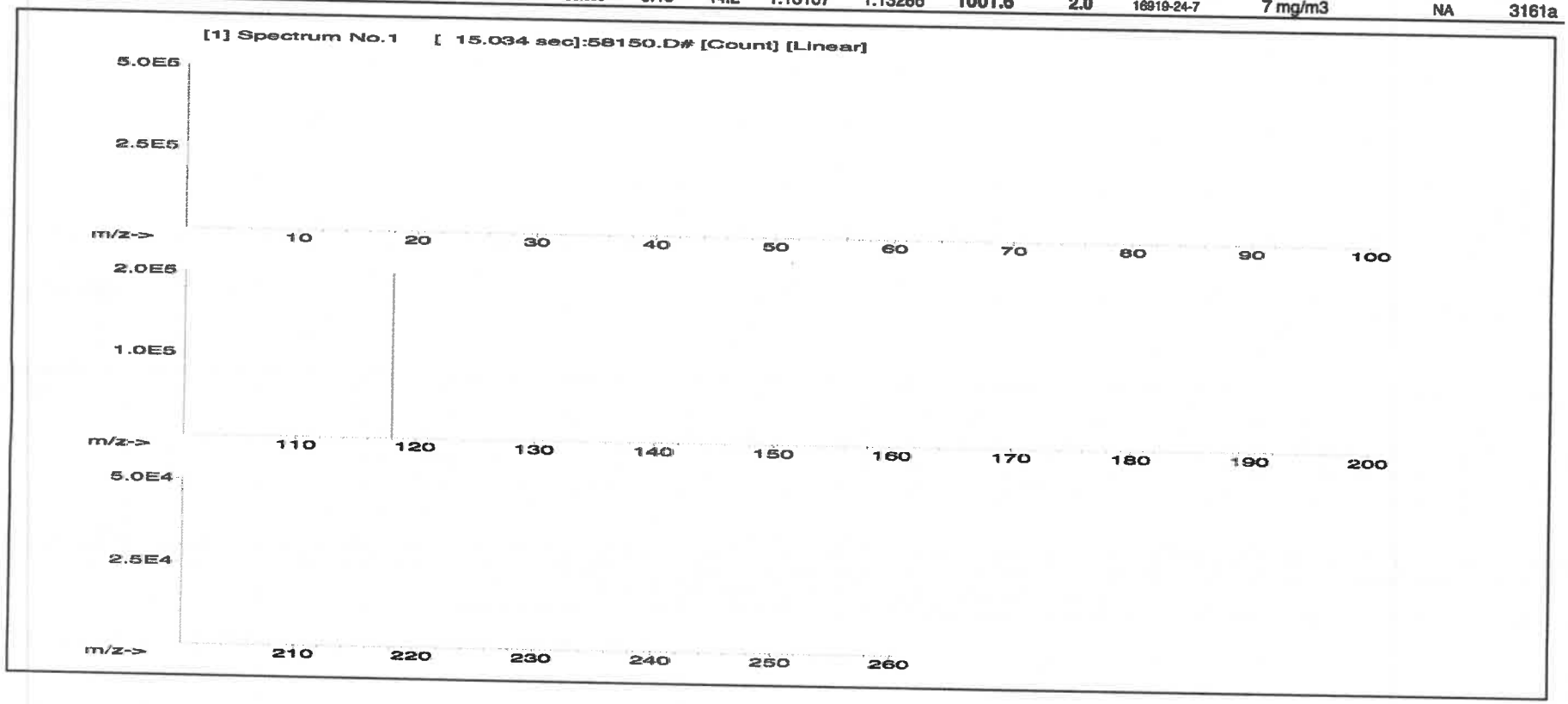
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	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



11111

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.
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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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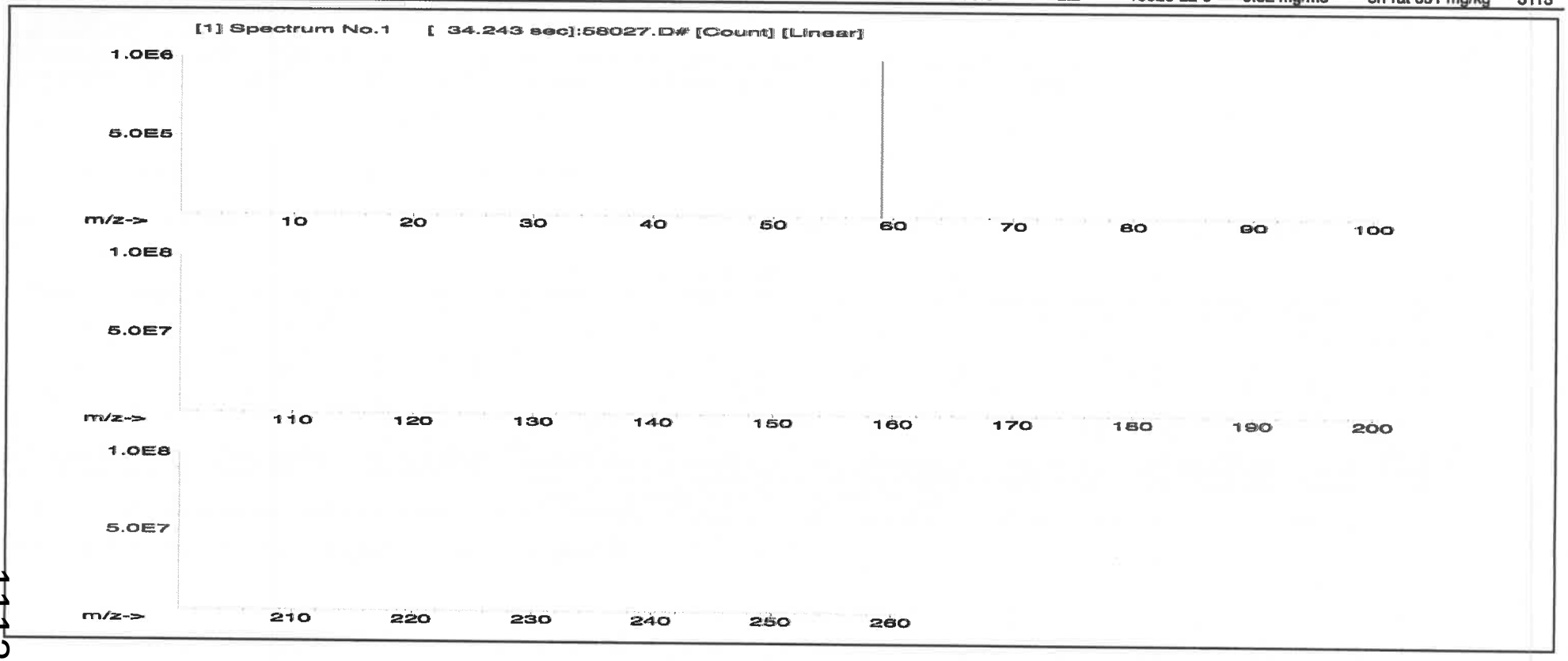
CERTIFIED WEIGHT REPORT:

		Lot #	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



1112

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.
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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).

1113

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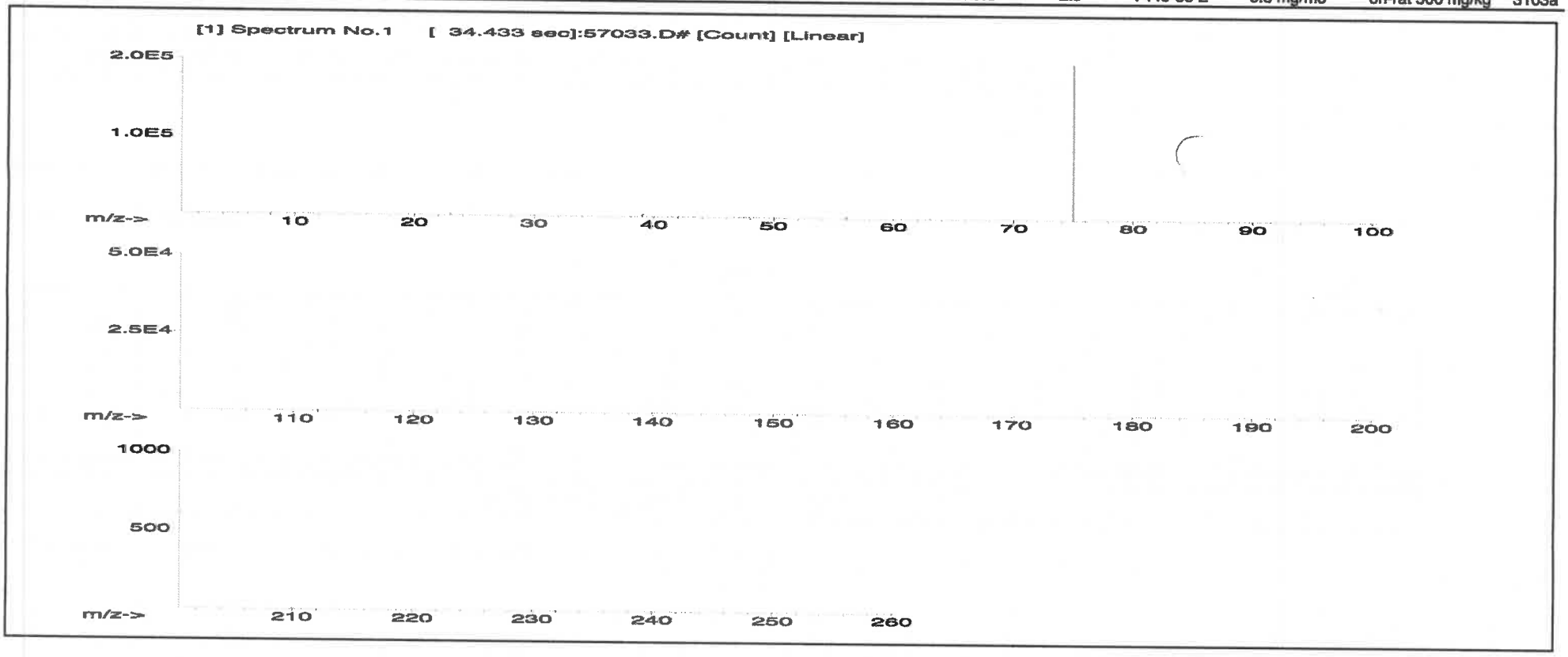
1114

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



1115

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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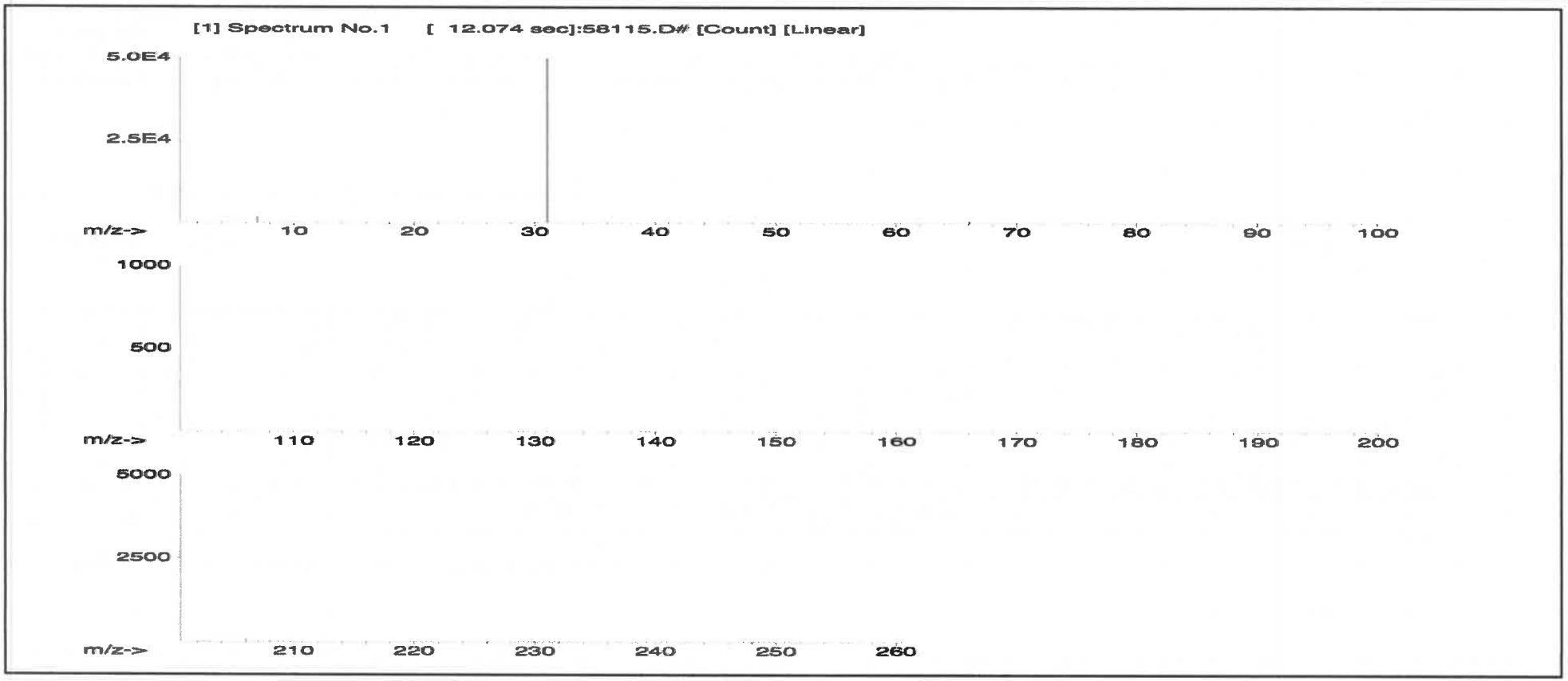
1116

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



1117

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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1118

CERTIFIED WEIGHT REPORT:

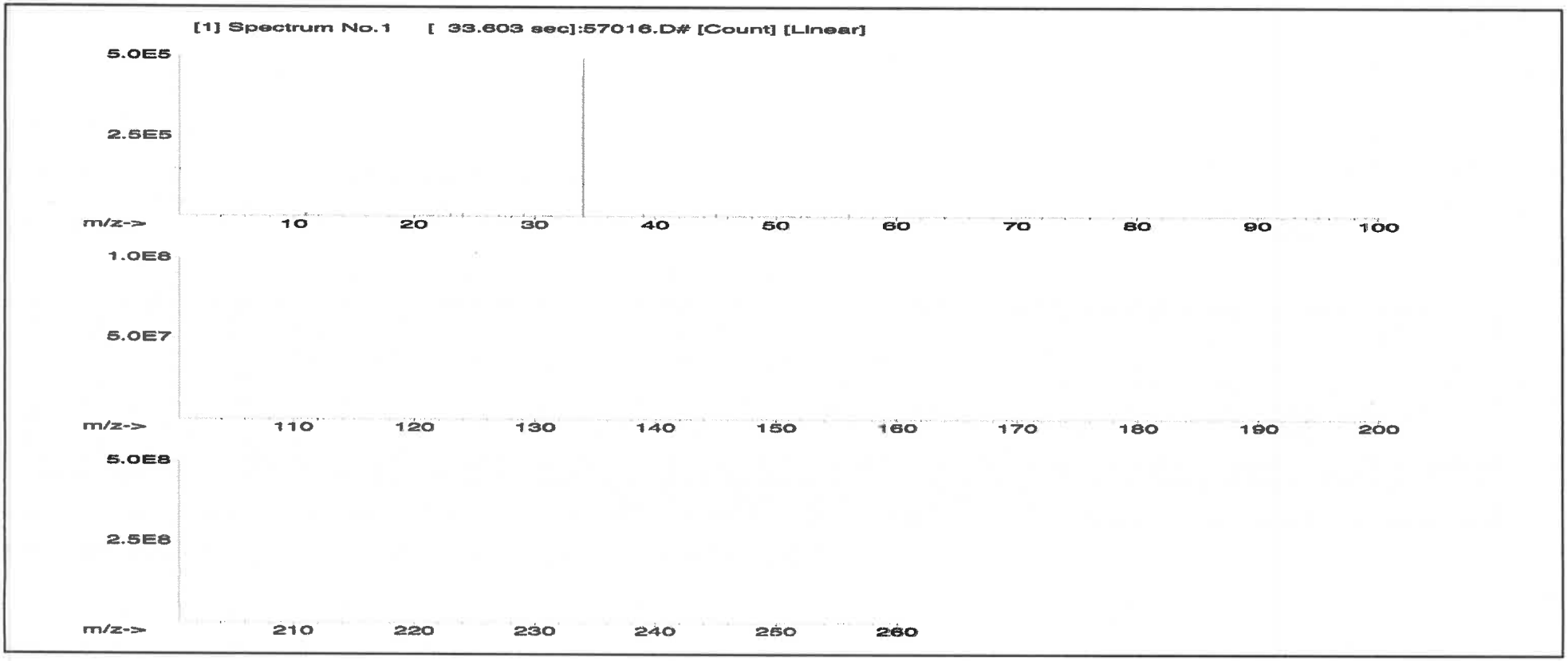
Part Number: 57016
Lot Number: 122923
Description: Sulfur (S)

Solvent: Lot # 122923 ASTM Type 1 Water

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



1119

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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1120

CERTIFIED WEIGHT REPORT:

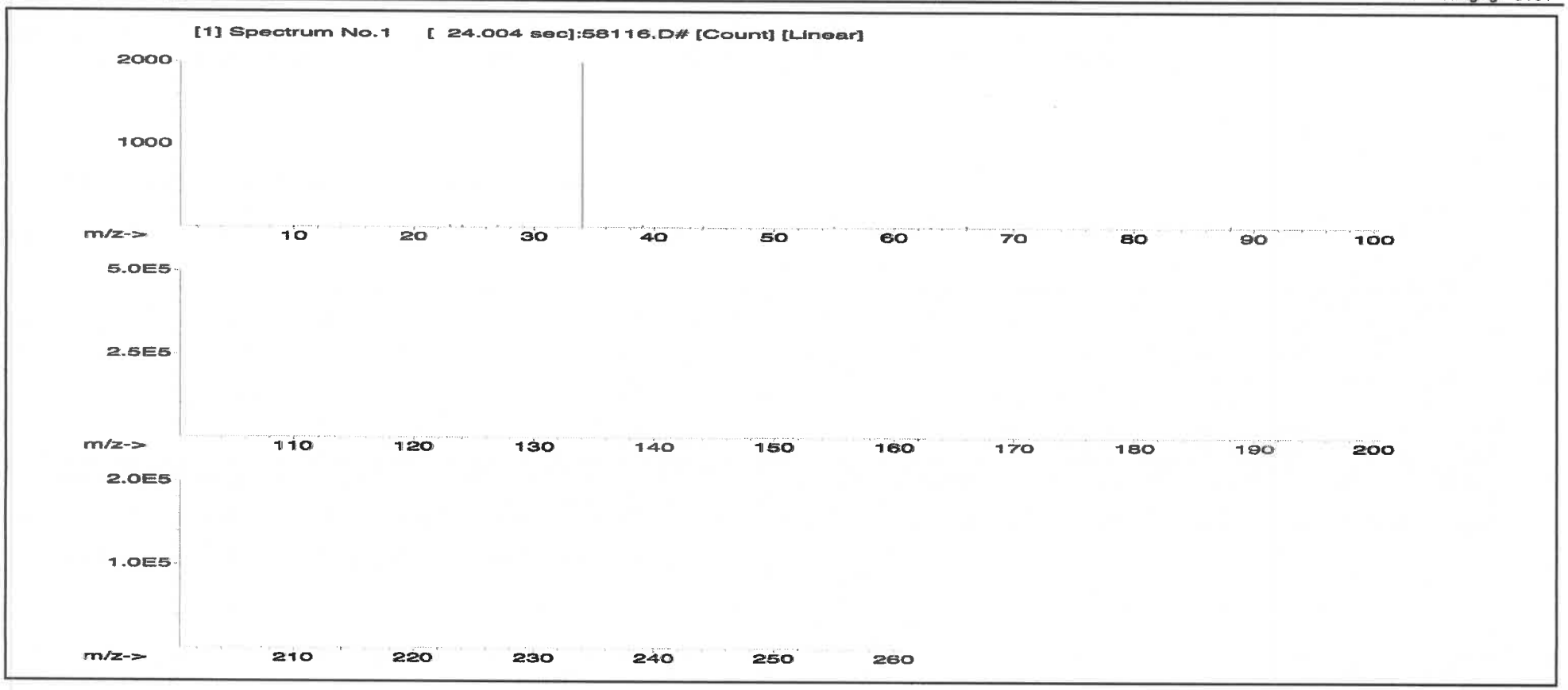
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

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	orl-rat 4250mg/kg	3181



112

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.
* 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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1122

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

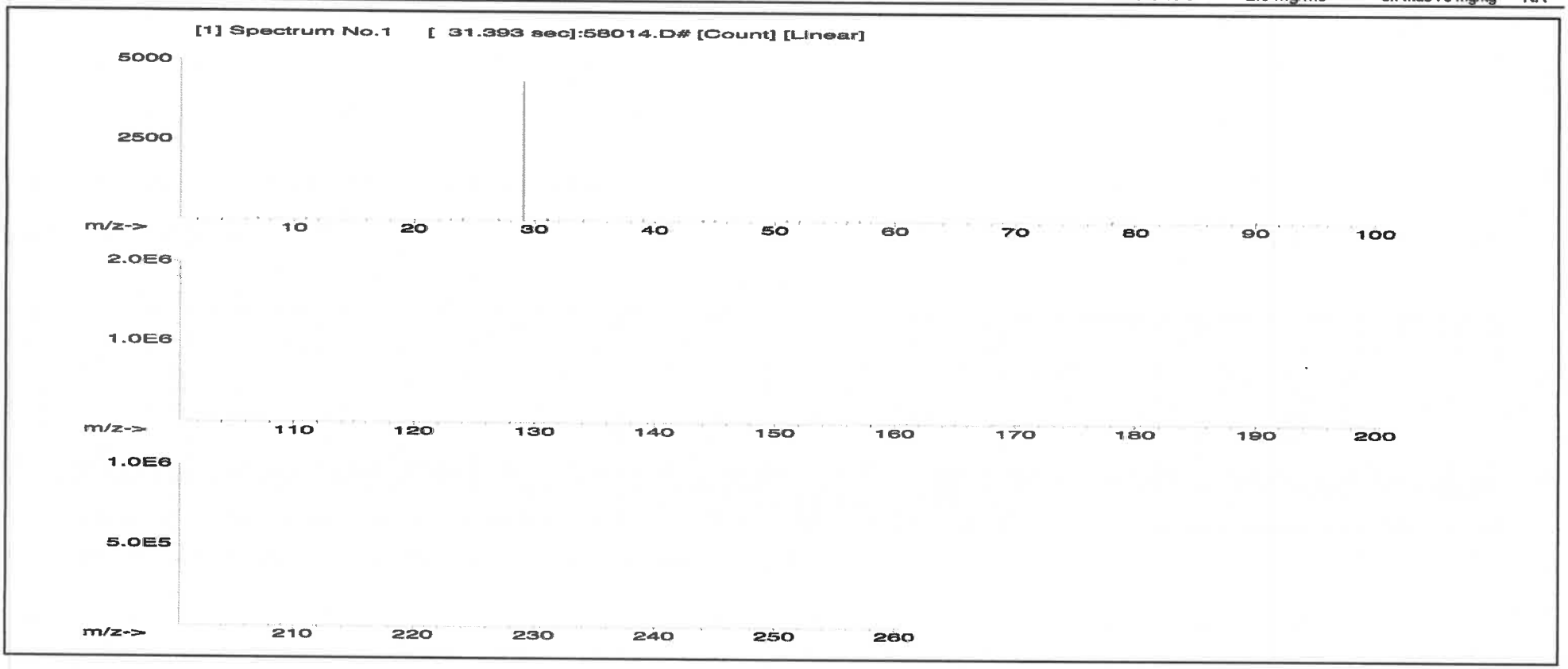
Aleah O'Brady

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



11123

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).
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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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1124

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

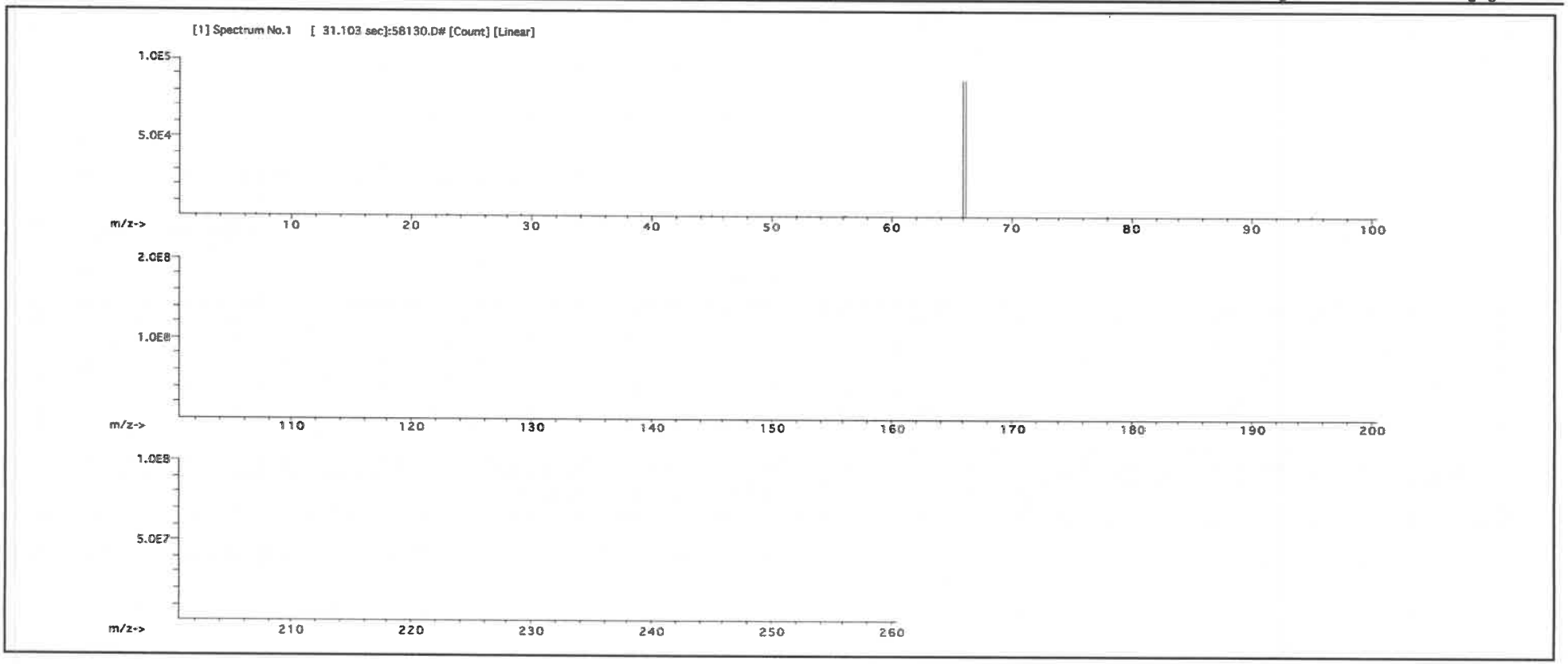
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

	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



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:

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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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* 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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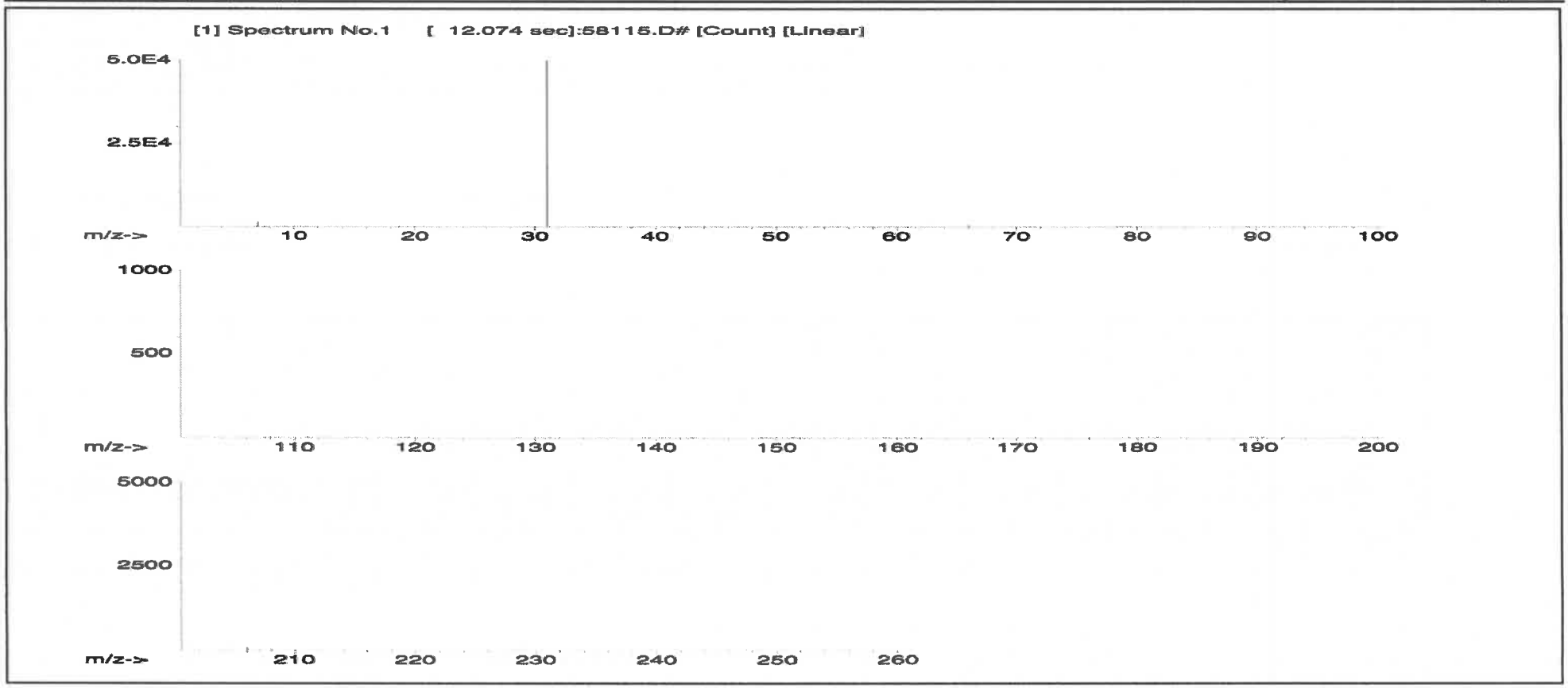
1126

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



1127

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.

* 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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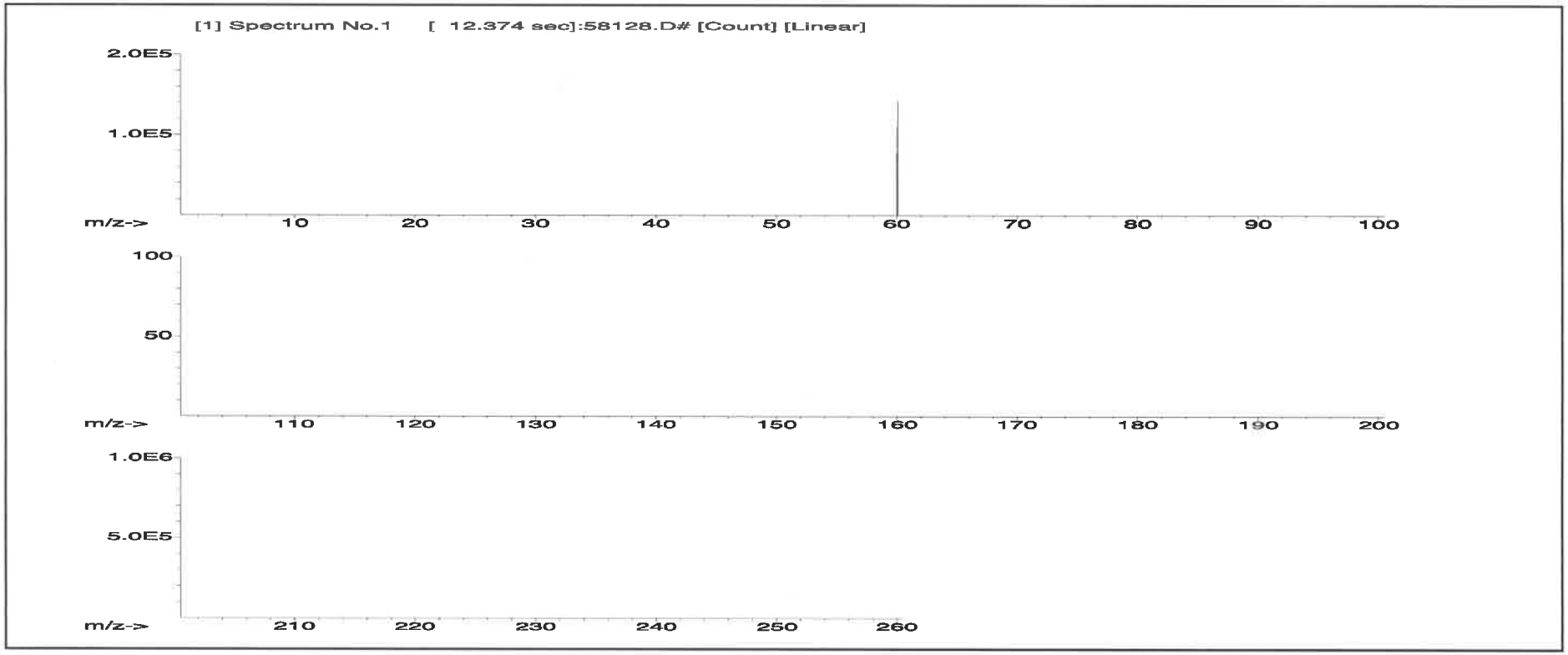
11128

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



11129

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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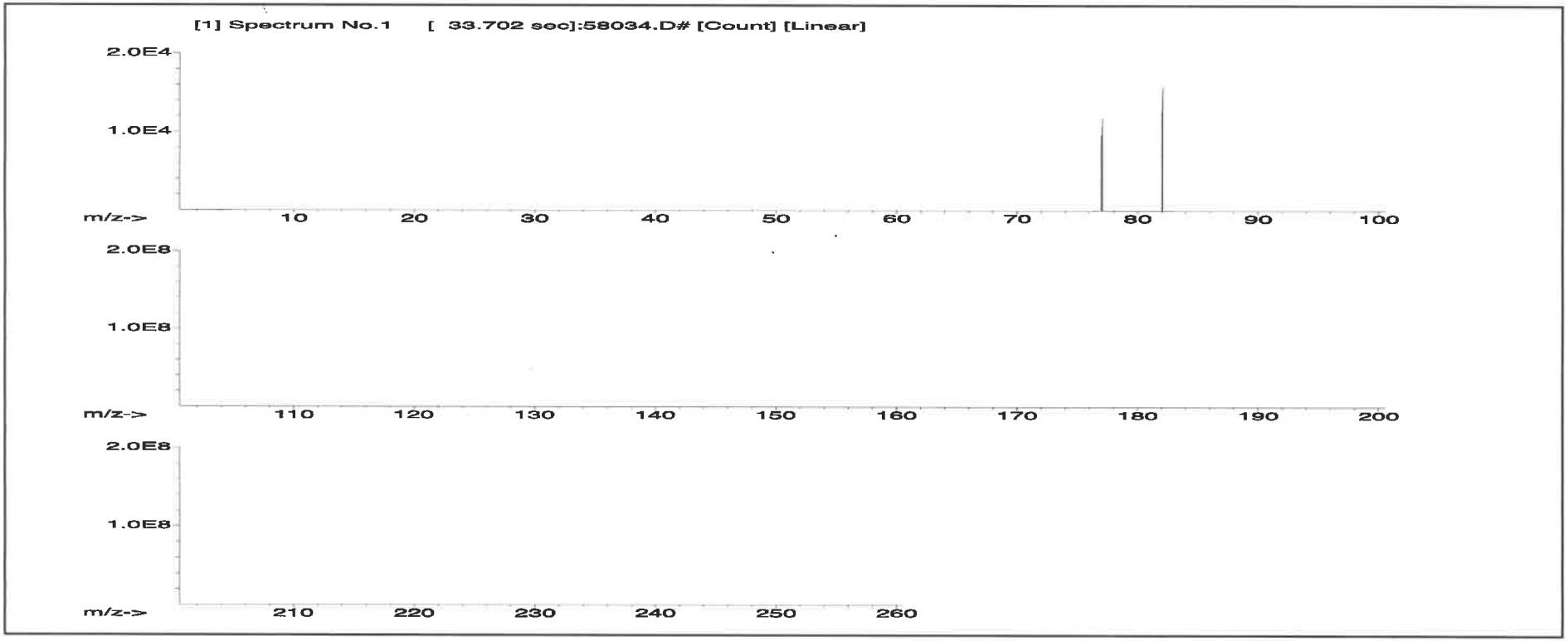
1130

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



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:

* 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.
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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

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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

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

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

R: 2/22/24

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:	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

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 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	

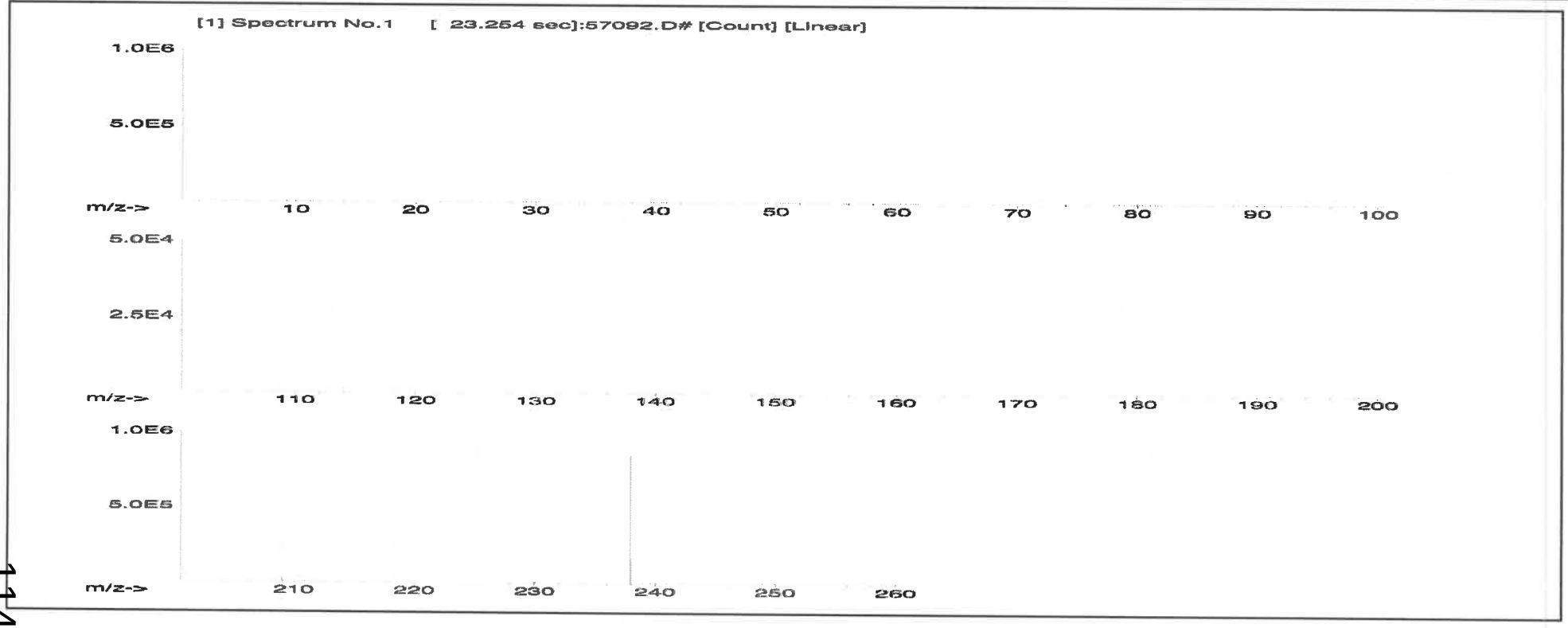
Giovanni Esposito

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



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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	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).

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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 Number: 031524
Description: Strontium (Sr)

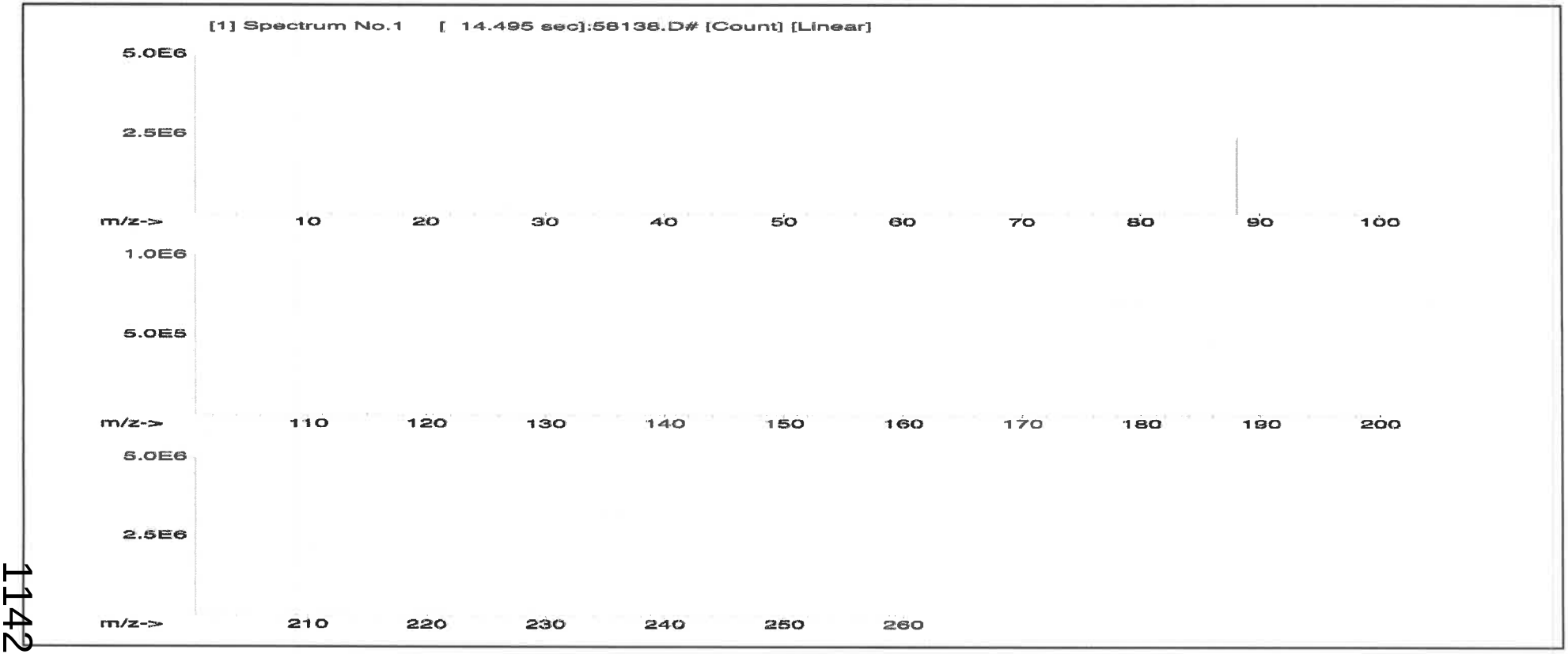
Expiration Date: 031527
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.07

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
5E-05	Balance Uncertainty		
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



1142

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).

1143

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5983 R: 6/11/24

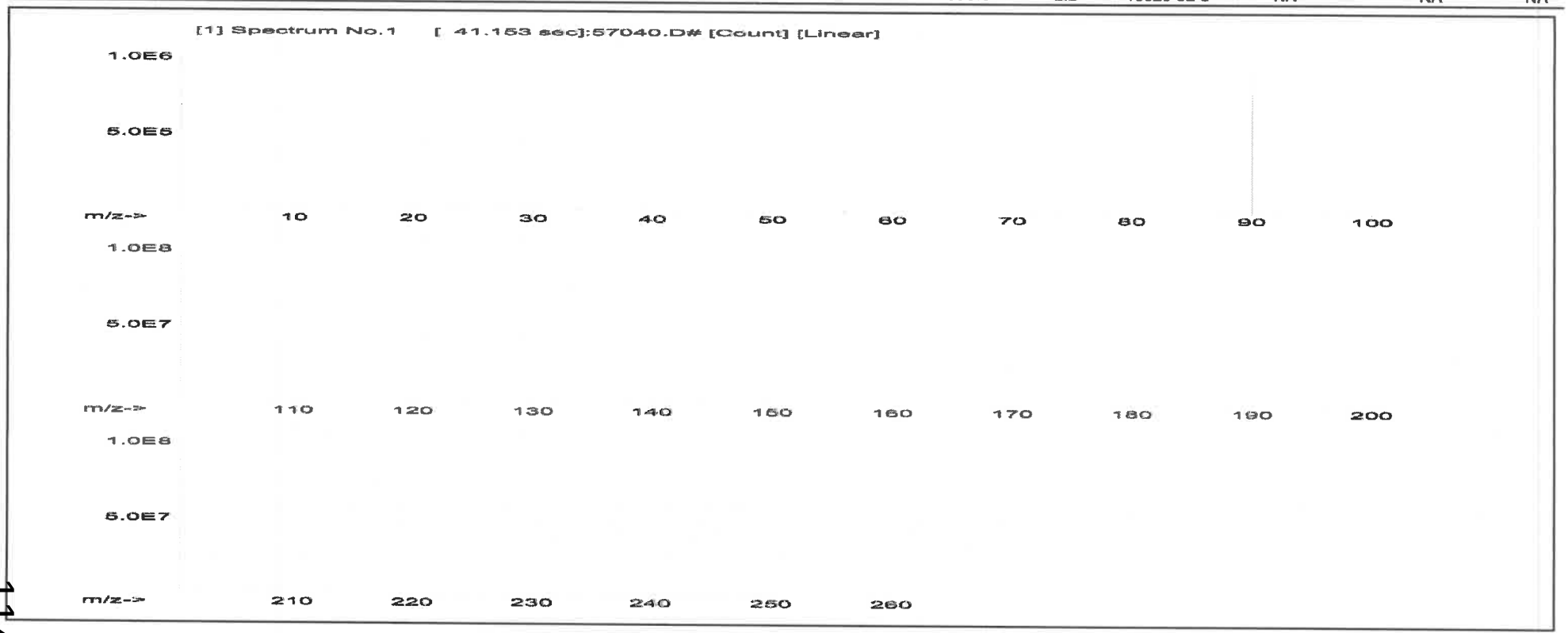
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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



1144

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:

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).

1145

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Certified Reference Material CRM

R: 01/03/24 M6033

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1146

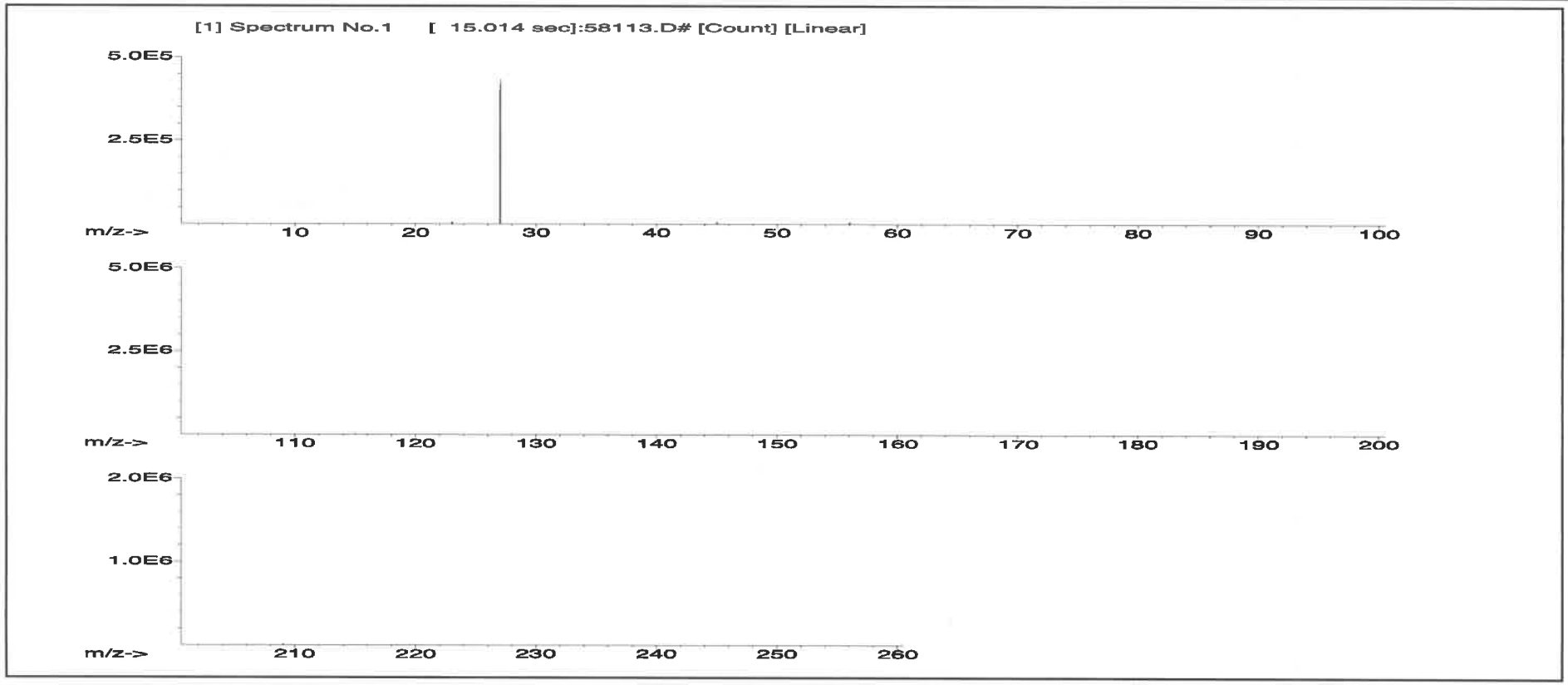
CERTIFIED WEIGHT REPORT:

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



Nitric Acid 69%
CMOS

Recv date: 1. 1. – 08/01/2023

M6034, M6037
M6035, M6038,
M6036,

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 – 70.0 %	69.7 %
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	2.3 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	100 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

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Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 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	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

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Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

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

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 >>>

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

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Certificate of Analysis

R 8/19/24, 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:

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.

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

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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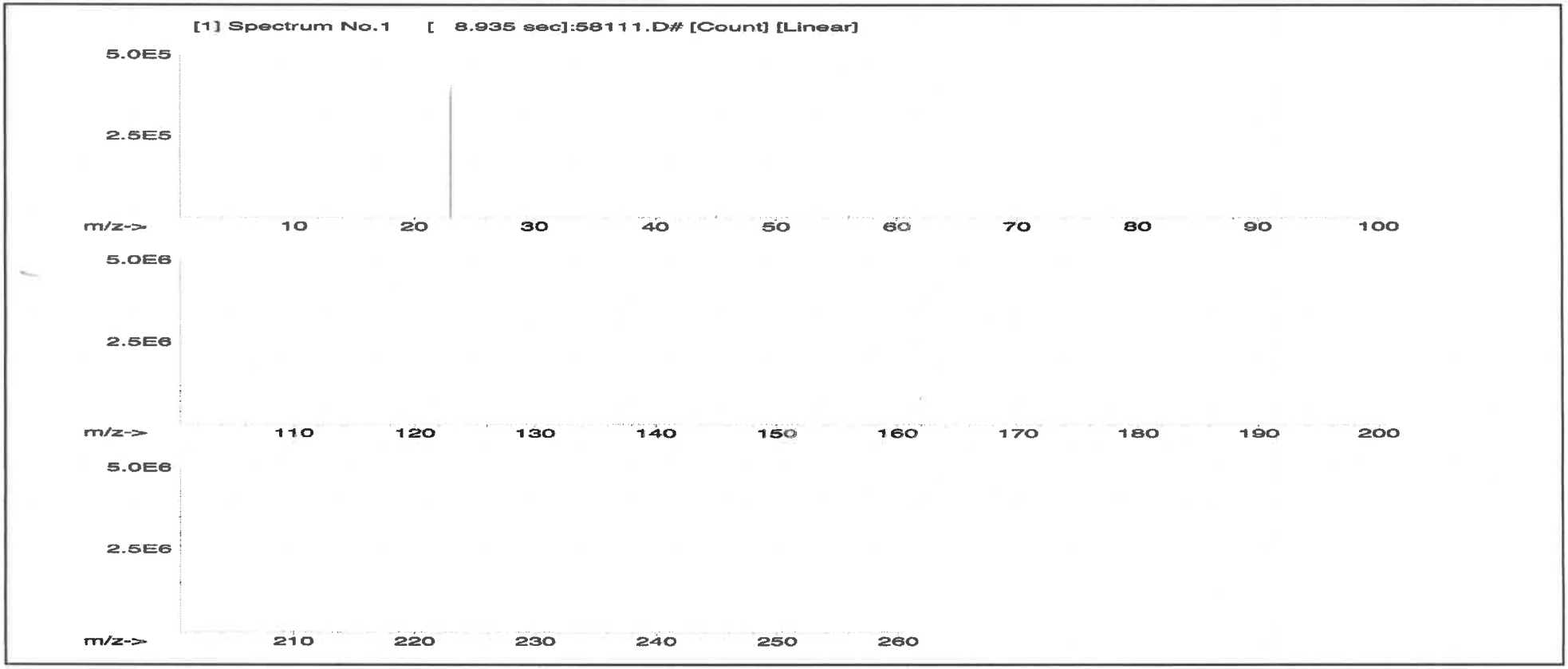
CERTIFIED WEIGHT REPORT:

			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).

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:

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

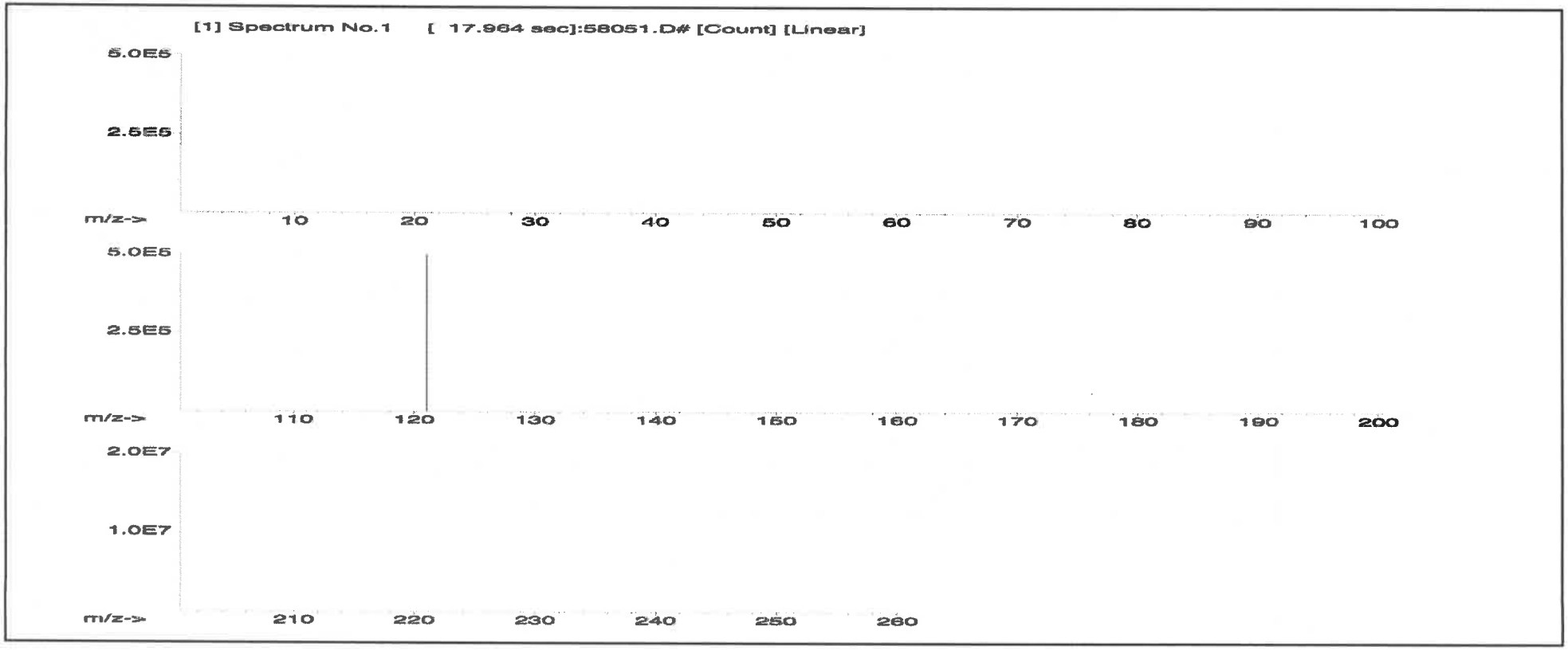
1167

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



11688

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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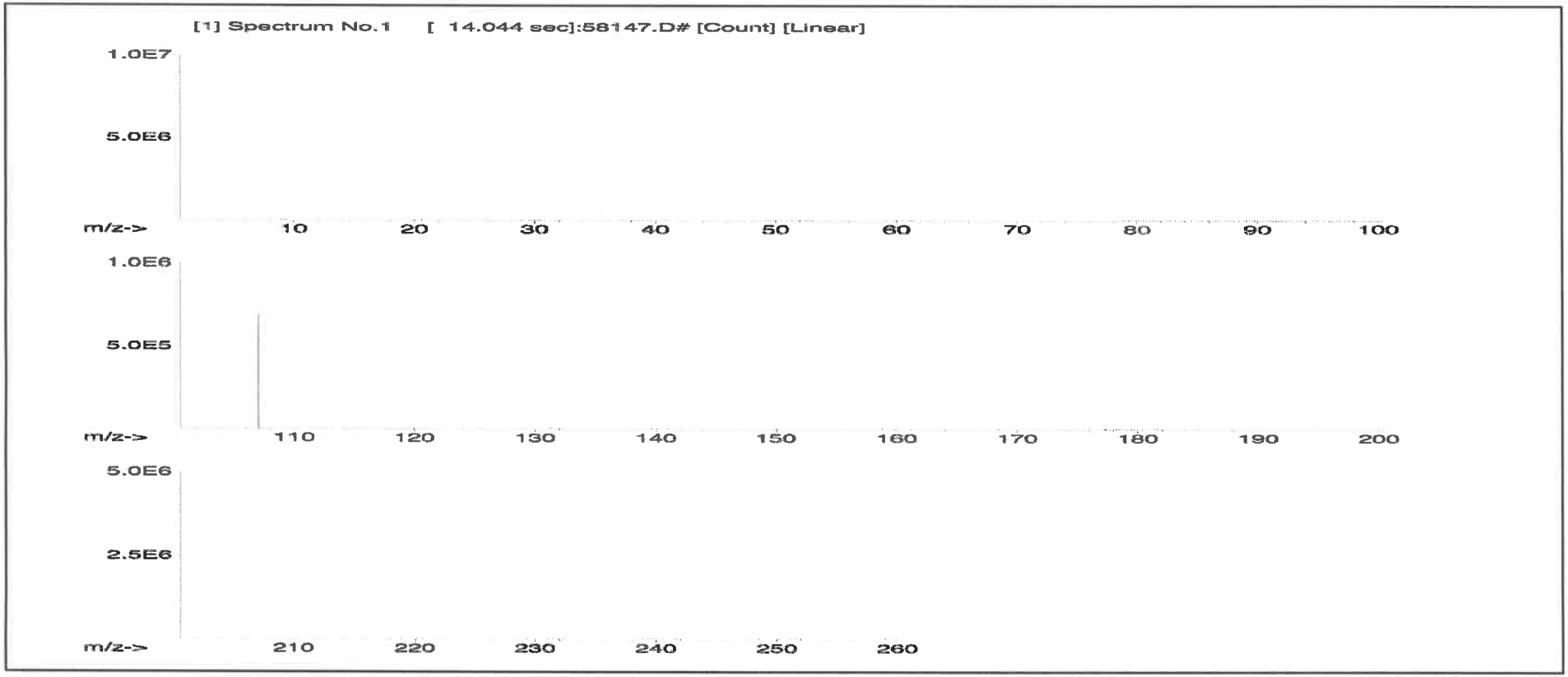
1169

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



1170

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).
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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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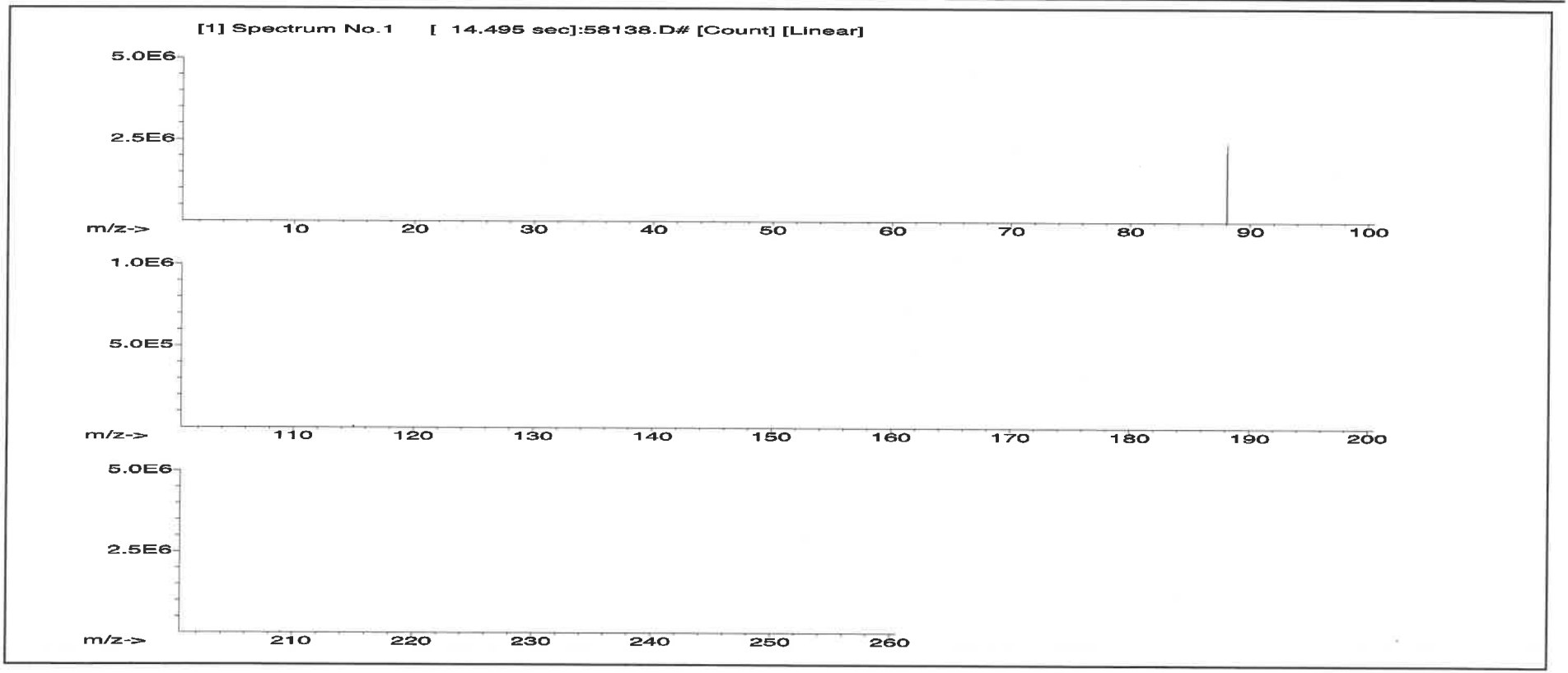
11171

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.
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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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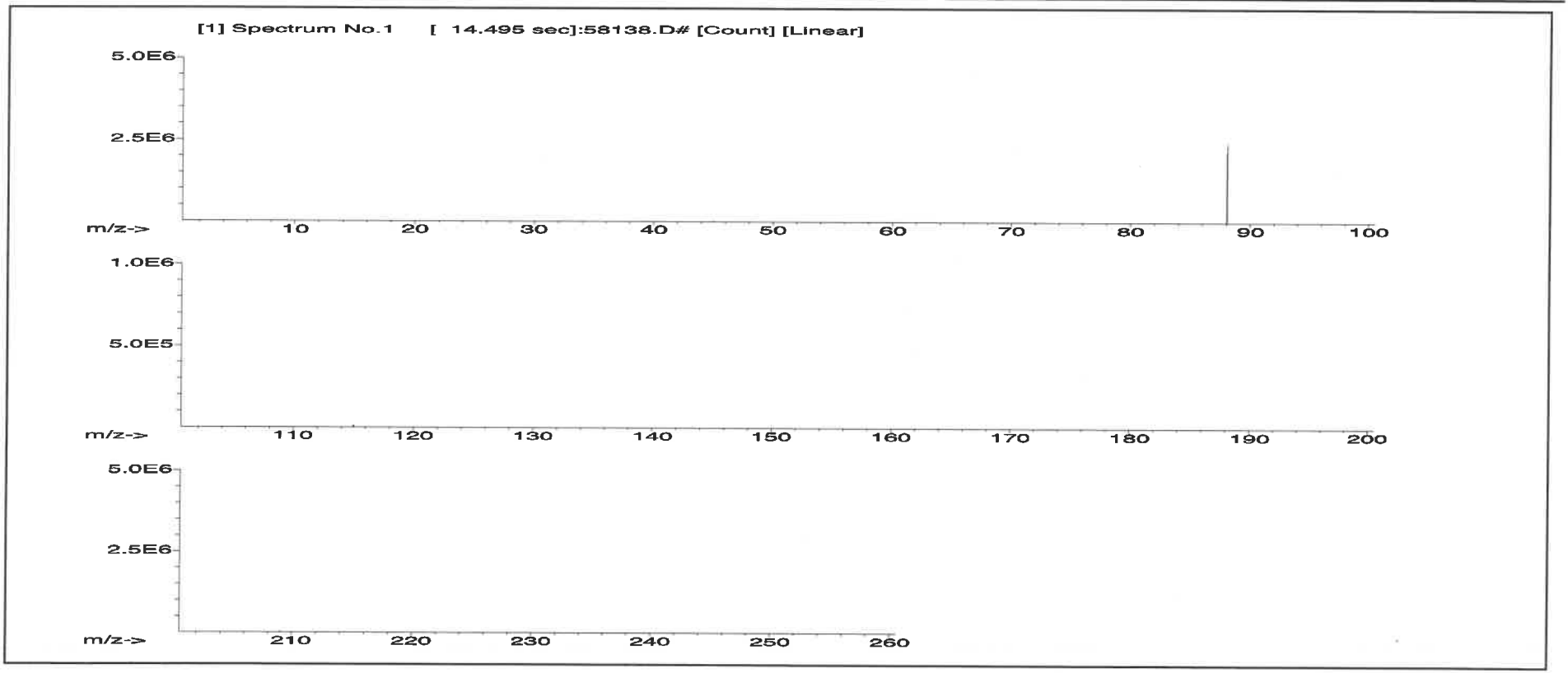
11173

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.
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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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R ! 8/5/24

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1175

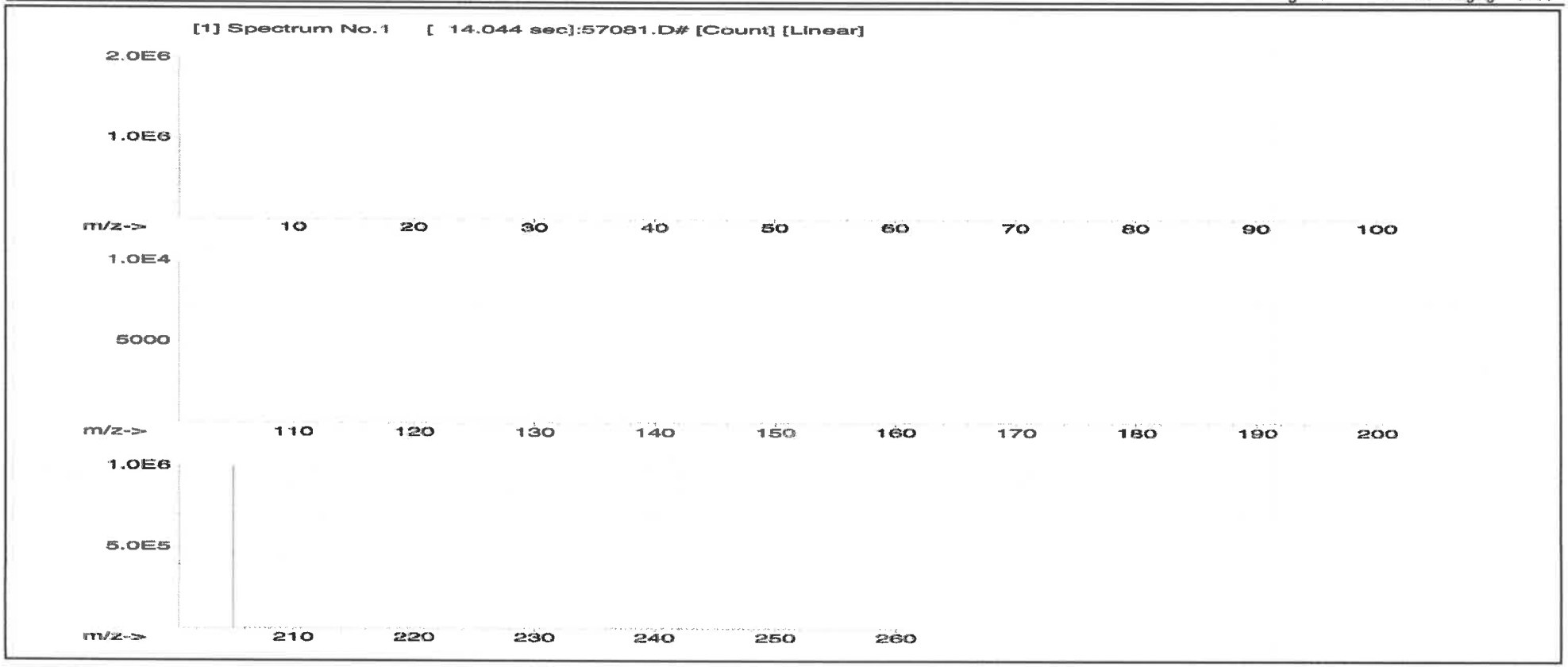
CERTIFIED WEIGHT REPORT:

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



11176

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

1177

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**			
Description:	**Vanadium (V)**	24002546	Nitric Acid	
		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	

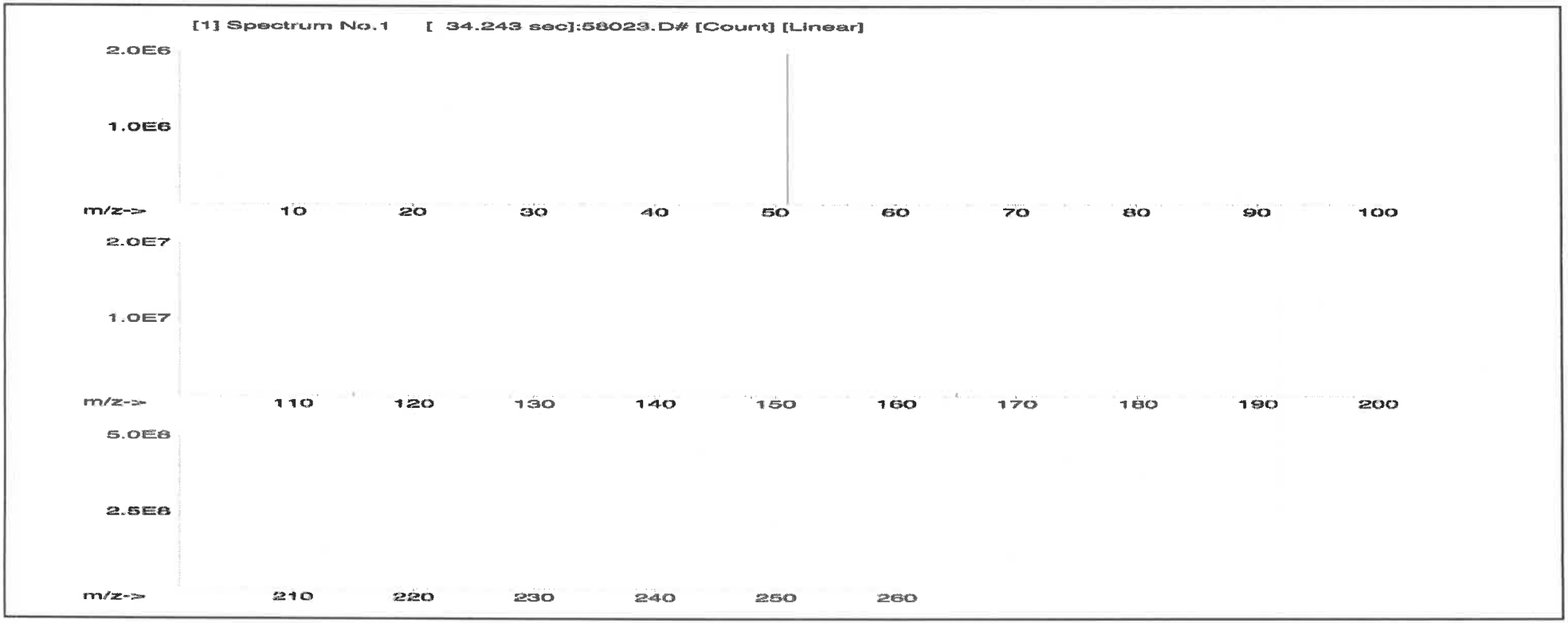
Aleah O'Brady

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



1178

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.
* 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).

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB163789

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYD5D1

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: 09/30/2024 **Time :** 11:00 **Temp :** 97 °C

End Digest Date: 09/30/2024 **Time :** 14:00 **Temp :** 97 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: jepp

Supervisor Signature: SA

Temp : 1. 97°C 2. N/A

JP 10/15/2024

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00mL	~~MP821583~~ MP82583
LCSSD	0.50ml	~~MP821583~~ MP82583
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	10.00ml	MP81119
1:1 HCL	5.00ml	MP82127
CONC: HNO3	5.00ml	M6037
30% H2O2	3.00ml	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 : 97 C
For Spike Sol 1-0.3ml each M5565,M5657,0.027mL M5962
For Spike Sol 2-1.5mL each M5565,M5657,0.135mL M5962

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/30/24 14:15	jepp / Met dig	Met Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB163789

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P2820-01	MYD5D0	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	1
P2820-02	MYD5D1	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	2
P2820-03	MYD5D2	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	3
P2820-04	MYD5D3	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	4
P2820-05	MYD5D4	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	5
P2820-05MS	MYD5D4MS RE JBP 9130124	N/A	1.16	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	6
~~P2820-05MSD~~	~~MYD5D4MSD~~	~~N/A~~	~~N/A~~	~~50~~	~~Brown~~	~~Yellow~~	~~Medium~~	~~N/A~~	~~N/A~~ JBP 9130124	N/A
P2820-06	MYD5D4D	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	7
P2820-07	MYD5D4S	N/A	1.38	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	8
P2820-08	MYD5D5	N/A	1.18	500	Brown	Yellow	Medium	N/A	N/A	9
P2820-09	MYD5D6	N/A	1.13	500	Brown	Yellow	Medium	N/A	N/A	10
P2820-10	MYD5D7	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	11
P2820-11	MYD5D8	N/A	1.26	500	Brown	Yellow	Medium	N/A	N/A	12
P2820-12	MYD5D9	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	13
P2820-13	MYD5E0	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	14
P2820-14	MYD5E1	N/A	1.14	500	Brown	Yellow	Medium	N/A	N/A	15
P2820-15	MYD5E2	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	16
P2820-16	MYD5E4	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	17
P2820-17	MYD5E5	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	18
P2820-18	MYD5E6	N/A	1.35	500	Brown	Yellow	Medium	N/A	N/A	19
P2820-19	MYD5E7	N/A	1.17	500	Brown	Yellow	Medium	N/A	N/A	20
P2820-20	MYD5E8	N/A	1.43	500	Brown	Yellow	Medium	N/A	N/A	21
PB163789BL	PBS789	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	22
PB163789BS	LCS789	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	23
PB163789BSD	LCSD789	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	24

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 # LB132762

Review By	Sarabjit Jaswal	Review On	10/4/2024 11:28:49 AM
Supervise By	Mohan Bera	Supervise On	10/4/2024 11:29:31 AM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE010	TUNE	10/03/24 15:23		Jaswal	OK
2	S00	S0	CAL1	10/03/24 15:51		Jaswal	OK
3	S02	S02	CAL3	10/03/24 15:54		Jaswal	OK
4	S03	S03	CAL4	10/03/24 15:58		Jaswal	OK
5	S04	S04	CAL5	10/03/24 16:01		Jaswal	OK
6	S05	S05	CAL6	10/03/24 16:04		Jaswal	OK
7	S06	S06	CAL7	10/03/24 16:07		Jaswal	OK
8	S07	S07	CAL8	10/03/24 16:09		Jaswal	OK
9	S08	S08	CAL9	10/03/24 16:12		Jaswal	OK
10	ICV010	ICV010	ICV	10/03/24 16:18	Inst. paused for Calibration review	Jaswal	OK
11	ICB010	ICB010	ICB	10/03/24 16:22		Jaswal	OK
12	ICSA010	ICSA010	ICSA	10/03/24 16:25		Jaswal	OK
13	ICSAB010	ICSAB010	ICSAB	10/03/24 16:28		Jaswal	OK
14	CCV021	CCV021	CCV	10/03/24 16:31		Jaswal	OK
15	CCB021	CCB021	CCB	10/03/24 16:34		Jaswal	OK
16	PB163703BL	PBS703	MB	10/03/24 16:37		Jaswal	OK
17	PB163703BS	LCS703	LCS	10/03/24 16:41		Jaswal	OK
18	PB163703BSD	LCSD703	LCSD	10/03/24 16:44		Jaswal	OK

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CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

19	PB163778BL	PBS778	MB	10/03/24 16:47		Jaswal	OK
20	PB163778BS	LCS778	LCS	10/03/24 16:51		Jaswal	OK
21	PB163778BSD	LCSD778	LCSD	10/03/24 16:54		Jaswal	OK
22	PB163789BL	PBS789	MB	10/03/24 16:57		Jaswal	OK
23	PB163789BS	LCS789	LCS	10/03/24 17:01		Jaswal	OK
24	PB163789BSD	LCSD789	LCSD	10/03/24 17:04		Jaswal	OK
25	PB163470BL	PBS470	MB	10/03/24 17:07		Jaswal	OK
26	PB163470BS	LCS470	LCS	10/03/24 17:11		Jaswal	OK
27	PB163470BSD	LCSD470	LCSD	10/03/24 17:14		Jaswal	OK
28	P2809-01	MYD4Q8	SAM	10/03/24 17:17		Jaswal	OK
29	P2809-02	MYD4Q9	SAM	10/03/24 17:20		Jaswal	OK
30	P2809-03	MYD4R0	SAM	10/03/24 17:23		Jaswal	OK
31	P2809-04	MYD4R1	SAM	10/03/24 17:27		Jaswal	OK
32	P2809-05	MYD4R2	SAM	10/03/24 17:30		Jaswal	OK
33	P2809-06	MYD4R3	SAM	10/03/24 17:33		Jaswal	OK
34	P2809-07	MYD4R4	SAM	10/03/24 17:36		Jaswal	OK
35	P2809-08	MYD4R5	SAM	10/03/24 17:39		Jaswal	OK
36	P2809-09	MYD4R6	SAM	10/03/24 17:43		Jaswal	OK
37	P2809-10	MYD4R7	SAM	10/03/24 17:46	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
38	P2809-11	MYD4R7D	DUP	10/03/24 17:49	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

39	P2809-10L	MYD4R7L	SD	10/03/24 17:52	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
40	P2809-12	MYD4R7S	MS	10/03/24 17:55	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
41	P2809-10MS	MYD4R7SRE	MS	10/03/24 17:58	MS Fail for Ag(1.01ppb), Ba,Co,Ni,V High	Jaswal	Dilution
42	P2809-13	MYD4R8	SAM	10/03/24 18:01		Jaswal	OK
43	CCV022	CCV022	CCV	10/03/24 18:05		Jaswal	OK
44	CCB022	CCB022	CCB	10/03/24 18:07		Jaswal	OK
45	P2809-12RE	MYD4R7S	MS	10/03/24 18:11	Not Use	Jaswal	Not Ok
46	P2809-10RE	MYD4R7	SAM	10/03/24 18:14	Not Use	Jaswal	Not Ok
47	P2809-13RE	MYD4R8	SAM	10/03/24 18:17	Not use	Jaswal	Not Ok
48	P2809-14	MYD4R9	SAM	10/03/24 18:20		Jaswal	OK
49	P2809-15	MYD4S0	SAM	10/03/24 18:26		Jaswal	OK
50	P2809-16	MYD4S1	SAM	10/03/24 18:29		Jaswal	OK
51	P2809-17	MYD4S2	SAM	10/03/24 18:37		Jaswal	OK
52	P2809-18	MYD4S3	SAM	10/03/24 18:40		Jaswal	OK
53	P2809-19	MYD4S4	SAM	10/03/24 18:43		Jaswal	OK
54	P2809-20	MYD4S5	SAM	10/03/24 18:46		Jaswal	OK
55	P2809-21	MYD4S6	SAM	10/03/24 18:49		Jaswal	OK
56	P2809-22	MYD4S7	SAM	10/03/24 18:52		Jaswal	OK
57	P2819-01	MYD5A9	SAM	10/03/24 18:56		Jaswal	OK

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

58	P2819-02	MYD5B0	SAM	10/03/24 18:59		Jaswal	OK
59	P2819-03	MYD5B1	SAM	10/03/24 19:02		Jaswal	OK
60	P2819-04	MYD5B2	SAM	10/03/24 19:05		Jaswal	OK
61	P2819-05	MYD5B3	SAM	10/03/24 19:08	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
62	P2819-06	MYD5B3D	DUP	10/03/24 19:11	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
63	P2819-05L	MYD5B3L	SD	10/03/24 19:15	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
64	P2819-07	MYD5B3S	MS	10/03/24 19:18	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
65	P2819-05MS	MYD5B3SRE	MS	10/03/24 19:21	Ba,Co,Ni,V High	Jaswal	Dilution
66	P2819-08	MYD5B4	SAM	10/03/24 19:24		Jaswal	OK
67	P2819-09	MYD5B5	SAM	10/03/24 19:27		Jaswal	OK
68	P2819-10	MYD5B6	SAM	10/03/24 19:30		Jaswal	OK
69	P2819-11	MYD5B7	SAM	10/03/24 19:33		Jaswal	OK
70	P2819-12	MYD5B8	SAM	10/03/24 19:37		Jaswal	OK
71	P2819-13	MYD5B9	SAM	10/03/24 19:40		Jaswal	OK
72	P2819-14	MYD5C0	SAM	10/03/24 19:43		Jaswal	OK
73	CCV023	CCV023	CCV	10/03/24 19:49		Jaswal	OK
74	CCB023	CCB023	CCB	10/03/24 19:52		Jaswal	OK
75	P2819-15	MYD5C1	SAM	10/03/24 19:55		Jaswal	OK
76	P2819-16	MYD5C2	SAM	10/03/24 19:58		Jaswal	OK
77	P2819-17	MYD5C3	SAM	10/03/24 20:01		Jaswal	OK

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CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

78	P2819-18	MYD5C4	SAM	10/03/24 20:05		Jaswal	OK
79	P2819-19	MYD5C6	SAM	10/03/24 20:08		Jaswal	OK
80	P2819-20	MYD5C7	SAM	10/03/24 20:11		Jaswal	OK
81	P2819-21	MYD5C8	SAM	10/03/24 20:14		Jaswal	OK
82	P2819-22	MYD5C9	SAM	10/03/24 20:17		Jaswal	OK
83	P2820-01	MYD5D0	SAM	10/03/24 20:20		Jaswal	OK
84	P2820-02	MYD5D1	SAM	10/03/24 20:24		Jaswal	OK
85	P2820-03	MYD5D2	SAM	10/03/24 20:27		Jaswal	OK
86	P3945-01ARE	MC0AN7A	PS	10/03/24 20:30	Not Use	Jaswal	Not Ok
87	P2820-04	MYD5D3	SAM	10/03/24 20:33		Jaswal	OK
88	P2820-05	MYD5D4	SAM	10/03/24 20:36	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
89	P2820-06	MYD5D4D	DUP	10/03/24 20:39	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
90	P2820-05L	MYD5D4L	SD	10/03/24 20:43	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
91	P2820-07	MYD5D4S	MS	10/03/24 20:46	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
92	P2820-05MS	MYD5D4SRE	MS	10/03/24 20:49	Ba,Co,Ni,V High	Jaswal	Dilution
93	P3945-01A	MC0AN7A	PS	10/03/24 20:52	PS For Ag,Zn(0.02ml mp82667,0.016ml m5819-10ml sample),INT_STD 159Tb Fail	Jaswal	Dilution
94	P2820-08	MYD5D5	SAM	10/03/24 20:55		Jaswal	OK
95	P2820-09	MYD5D6	SAM	10/03/24 20:58		Jaswal	OK

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Instrument ID: P7

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ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

96	P2820-10	MYD5D7	SAM	10/03/24 21:02	As High	Jaswal	Dilution
97	P2820-11	MYD5D8	SAM	10/03/24 21:05		Jaswal	OK
98	P2820-12	MYD5D9	SAM	10/03/24 21:08	As High	Jaswal	Dilution
99	P2820-13	MYD5E0	SAM	10/03/24 21:11		Jaswal	OK
100	P2820-14	MYD5E1	SAM	10/03/24 21:14		Jaswal	OK
101	P2820-15	MYD5E2	SAM	10/03/24 21:17		Jaswal	OK
102	P2820-16	MYD5E4	SAM	10/03/24 21:21		Jaswal	OK
103	P2820-17	MYD5E5	SAM	10/03/24 21:24		Jaswal	OK
104	CCV024	CCV024	CCV	10/03/24 21:33		Jaswal	OK
105	CCB024	CCB024	CCB	10/03/24 21:36		Jaswal	OK
106	P2820-18	MYD5E6	SAM	10/03/24 21:39		Jaswal	OK
107	P2820-19	MYD5E7	SAM	10/03/24 21:42	As High	Jaswal	Dilution
108	P2820-20	MYD5E8	SAM	10/03/24 21:45		Jaswal	OK
109	P2725-01	MYD382	SAM	10/03/24 21:49		Jaswal	OK
110	P2725-02	MYD383	SAM	10/03/24 21:52		Jaswal	OK
111	P2725-03	MYD384	SAM	10/03/24 21:55		Jaswal	OK
112	P2725-04	MYD385	SAM	10/03/24 21:58		Jaswal	OK
113	P2725-05	MYD386	SAM	10/03/24 22:01		Jaswal	OK
114	P2725-06	MYD387	SAM	10/03/24 22:04		Jaswal	OK
115	P2725-07	MYD388	SAM	10/03/24 22:07		Jaswal	OK

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ICSA Standard	MP82580,MP82581
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LCS Standard	MP82170
Chk Standard	MP82587,MP82586

116	P2725-08	MYD389	SAM	10/03/24 22:10	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
117	P2725-09	MYD389D	DUP	10/03/24 22:13	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
118	P2725-08L	MYD389L	SD	10/03/24 22:16	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
119	P2725-10	MYD389S	MS	10/03/24 22:20	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
120	P2725-08MS	MYD389SRE	MS	10/03/24 22:23	Ba,Co,Ni,V High in	Jaswal	Dilution
121	P2725-11	MYD390	SAM	10/03/24 22:26		Jaswal	OK
122	P2725-12	MYD391	SAM	10/03/24 22:29		Jaswal	OK
123	P2725-13	MYD392	SAM	10/03/24 22:32		Jaswal	OK
124	P2725-14	MYD393	SAM	10/03/24 22:35		Jaswal	OK
125	P2725-15	MYD394	SAM	10/03/24 22:38		Jaswal	OK
126	P2725-16	MYD395	SAM	10/03/24 22:41		Jaswal	OK
127	P2725-17	MYD396	SAM	10/03/24 22:44		Jaswal	OK
128	P2725-18	MYD397	SAM	10/03/24 22:47		Jaswal	OK
129	CCV025	CCV025	CCV	10/03/24 22:51		Jaswal	OK
130	CCB025	CCB025	CCB	10/03/24 22:53		Jaswal	OK
131	P2725-19	MYD398	SAM	10/03/24 22:57		Jaswal	OK
132	P2725-20	MYD399	SAM	10/03/24 23:00		Jaswal	OK
133	P2725-21	MYD3A0	SAM	10/03/24 23:03		Jaswal	OK
134	P2725-22	MYD3A1	SAM	10/03/24 23:06		Jaswal	OK
135	CCV026	CCV026	CCV	10/03/24 23:09		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 # LB132762

Review By	Sarabjit Jaswal	Review On	10/4/2024 11:28:49 AM
Supervise By	Mohan Bera	Supervise On	10/4/2024 11:29:31 AM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

136	CCB026	CCB026	CCB	10/03/24 23:12		Jaswal	OK
137	P2809-10DL	MYD4R7	SAM	10/03/24 23:15	4X For Ba,Co,Ni,V	Jaswal	Confirms
138	P2809-11DL	MYD4R7D	DUP	10/03/24 23:18	4X For Ba,Co,Ni,V	Jaswal	Confirms
139	P2809-10LDL	MYD4R7L	SD	10/03/24 23:22	4X For Ba,Co,Ni,V	Jaswal	Confirms
140	P2809-12DL	MYD4R7S	MS	10/03/24 23:25	4X For Ba,Co,Ni,V	Jaswal	Confirms
141	P2809-10MSDL	MYD4R7SRE	MS	10/03/24 23:28	4X For Ba,Co,Ni,V	Jaswal	Confirms
142	P2819-05DL	MYD5B3	SAM	10/03/24 23:31	4X For Ba,Co,Ni,V	Jaswal	Confirms
143	P2819-06DL	MYD5B3D	DUP	10/03/24 23:35	4X For Ba,Co,Ni,V	Jaswal	Confirms
144	P2819-05LDL	MYD5B3L	SD	10/03/24 23:38	20X For Ba,Co,Ni,V	Jaswal	Confirms
145	P2819-07DL	MYD5B3S	MS	10/03/24 23:41	4X For Ba,Co,Ni,V	Jaswal	Confirms
146	P2819-05MSDL	MYD5B3SRE	MS	10/03/24 23:44	4X For Ba,Co,Ni,V	Jaswal	Confirms
147	P2820-05DL	MYD5D4	SAM	10/03/24 23:47	4X For Ba,Co,Ni,V	Jaswal	Confirms
148	P2820-06DL	MYD5D4D	DUP	10/03/24 23:51	4X For Ba,Co,Ni,V	Jaswal	Confirms
149	P2820-05LDL	MYD5D4L	SD	10/03/24 23:54	20X For Ba,Co,Ni,V	Jaswal	Confirms
150	P2820-07DL	MYD5D4S	MS	10/03/24 23:57	4X For Ba,Co,Ni,V	Jaswal	Confirms
151	P2820-05MSDL	MYD5D4SRE	MS	10/04/24	4X For Ba,Co,Ni,V	Jaswal	Confirms
152	P2725-08DL	MYD389	SAM	10/04/24 00:04	4X For Ba,Co,Ni,V	Jaswal	Confirms
153	P2725-09DL	MYD389D	DUP	10/04/24 00:07	4X For Ba,Co,Ni,V	Jaswal	Confirms
154	P2725-08LDL	MYD389L	SD	10/04/24 00:10	20X For Ba,Co,Ni,V	Jaswal	Confirms
155	P2725-10DL	MYD389S	MS	10/04/24 00:13	4X For Ba,Co,Ni,V	Jaswal	Confirms

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 # LB132762

Review By	Sarabjit Jaswal	Review On	10/4/2024 11:28:49 AM
Supervise By	Mohan Bera	Supervise On	10/4/2024 11:29:31 AM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

156	P2725-08MSDL	MYD389SRE	MS	10/04/24 00:17	4X For Ba,Co,Ni,V	Jaswal	Confirms
157	P2820-10DL	MYD5D7	SAM	10/04/24 00:20	2X For As	Jaswal	Confirms
158	P2820-12DL	MYD5D9	SAM	10/04/24 00:23	2X For As	Jaswal	Confirms
159	P2820-19DL	MYD5E7	SAM	10/04/24 00:26	2X For As	Jaswal	Confirms
160	CCV027	CCV027	CCV	10/04/24 00:29		Jaswal	OK
161	CCB027	CCB027	CCB	10/04/24 00:32		Jaswal	OK

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ALLIANCE TECHNICAL GROUP LLC
284 SHEFFIELD ST
MOUNTAINSIDE NJ 07092
(908) 789-8900
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PO:
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DEPT:

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Alliance TECHNICAL GROUP 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Login Summary Report

Order ID :	P2820	Order Date :	6/10/2024 8:54:00 AM	Project Mgr :	Deepak
Client :	USEPA CLP SMO	Project :	51495	Report Type :	USEPA CLP
Contact :	Anita Kapadia	Receive Date :	6/10/2024 8:54:00 AM	EDD Type :	EPA CLP
Date Sign Off :	6/11/2024 8:32:22 AM				

Sample ID	Client ID	Matrix	Sampling Date	Test	Test Group	Method	TAT Days	Fax Due Date	HC Due Date
P2820-01	MYD5D0	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-02	MYD5D1	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-03	MYD5D2	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-04	MYD5D3	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-05	MYD5D4	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-06	MYD5D4D	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-07	MYD5D4S	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-08	MYD5D5	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024

				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-09	MYD5D6	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-10	MYD5D7	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-11	MYD5D8	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-12	MYD5D9	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-13	MYD5E0	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-14	MYD5E1	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-15	MYD5E2	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-16	MYD5E4	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-17	MYD5E5	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-18	MYD5E6	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024

				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-19	MYD5E7	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2820-20	MYD5E8	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB163789 **WorkList ID :** 183951 **Department :** Digestion **Date :** 09-30-2024 09:50:57

11194

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2820-01	MYD5D0	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-02	MYD5D1	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-03	MYD5D2	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-04	MYD5D3	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-05	MYD5D4	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-06	MYD5D4D	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-07	MYD5D4S	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-08	MYD5D5	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-09	MYD5D6	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-10	MYD5D7	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-11	MYD5D8	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-12	MYD5D9	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-13	MYD5E0	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-14	MYD5E1	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-15	MYD5E2	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-16	MYD5E4	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-17	MYD5E5	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-18	MYD5E6	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-19	MYD5E7	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2820-20	MYD5E8	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS

Date/Time 9/30/24 10:00

Raw Sample Received by: jepp (Met dig)

Raw Sample Relinquished by: JDCSM

Date/Time 9/30/24 12:00

Raw Sample Received by: JDCSM

Raw Sample Relinquished by: jepp (Met dig)