SDG COVER PAGE

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

Lab Code: ACE Case No.: 51495 MA No.: 3221.2 SDG No.: MYD456

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MYD455	P2785-01		X		
MYD456	P2785-02		X		
MYD457	P2785-03		X		
MYD458	P2785-04		X		
MYD459	P2785-05		X		
MYD459D	P2785-06		X		
MYD459S	P2785-07		X		
MYD460	P2785-08		X		
MYD461	P2785-09		X		
MYD462	P2785-10		X		
MYD463	P2785-11		X		
MYD464	P2785-12		X		
MYD465	P2785-13		X		
MYD466	P2785-14		X		
MYD467	P2785-15		X		
MYD468	P2785-16		X		
MYD469	P2785-17		X		
MYD470	P2785-18		X		
MYD471	P2785-19		X		
MYD472	P2785-20		X		
MYD473	P2785-21		X		
MYD474	P2785-22		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: 6/6/2024
CarrierName: FedEx
AirbillNo: 7767 1587 9332

CHAIN OF CUSTODY RECORD

Case #: 51495
Cooler #: 51495-058

No: 9-060524-100846-0058
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

2

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
2119A_2119B-Q-00004-01	MYD455	Soil/ REAC	Grab	ICP-AES 11(21)	9-3363 (None) (1)	2119A_2119B-Q-00004	06/04/2024 10:34	
2119A_2119B-Q-00010-01	MYD456	Soil/ REAC	Grab	ICP-AES 11(21)	9-3364 (None) (1)	2119A_2119B-Q-00010	06/04/2024 10:28	
2119A_2119B-W-00005-01	MYD457	Soil/ ERT	Grab	ICP-AES 11(21)	9-3365 (None) (1)	2119A_2119B-W-00005	06/04/2024 10:23	
2119A_2119B-Q-00002-01	MYD458	Soil/ REAC	Grab	ICP-AES 11(21)	9-3366 (None) (1)	2119A_2119B-Q-00002	06/04/2024 10:25	
2119A_2119B-Q-00009-03	MYD459	Soil/ REAC	Grab	ICP-AES 11(21)	9-3367 (None) (1)	2119A_2119B-Q-00009	06/04/2024 10:18	•
2119A_2119B-W-00008-01	MYD460	Soil/ ERT	Grab	ICP-AES 11(21)	9-3368 (None) (1)	2119A_2119B-W-00008	06/04/2024 10:15	
2119A_2119B-P-00002-01	MYD461	Soil/ REAC	Grab	ICP-AES 11(21)	9-3369 (None) (1)	2119A_2119B-P-00002	06/04/2024 10:12	
2119A_2119B-W-00001-02	MYD462	Soil/ ERT	Grab	ICP-AES 11(21)	9-3370 (None) (1)	2119A_2119B-W-00001	06/04/2024 10:11	
2119A_2119B-W-00001-01	MYD463	Soil/ ERT	Grab	ICP-AES 11(21)	9-3371 (None) (1)	2119A_2119B-W-00001	06/04/2024 10:05	
2119A_2119B-T-00010-01	MYD464	Soil/ ERT	Grab	ICP-AES 11(21)	9-3372 (None) (1)	2119A_2119B-T-00010	06/04/2024 08:51	

Sample(s) to be used for Lab QC: 2119A_2119B-Q-00009-03 Tag 9-3367 - 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 Cayetano Weston	6/6/2024 15:00		6-7-24 0920	21.9°C IR Gun #1
					custody seals intact
					DO Temp blk.

USEPA CLP COC (LAB COPY)
DateShipped: 6/6/2024
CarrierName: FedEx
AirbillNo: 7767 1587 9332

CHAIN OF CUSTODY RECORD

Case #: 51495
Cooler #: 51495-058

No: 9-060524-100846-0058
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
2119A_2119B-C-00009-01	MYD465	Soil/ REAC	Grab	ICP-AES 11(21)	9-3373 (None) (1)	2119A_2119B-C-00009	06/04/2024 10:04	
2119A_2119B-Q-00001-02	MYD466	Soil/ REAC	Grab	ICP-AES 11(21)	9-3374 (None) (1)	2119A_2119B-Q-00001	06/04/2024 10:41	
2119A_2119B-P-00009-01	MYD467	Soil/ REAC	Grab	ICP-AES 11(21)	9-3375 (None) (1)	2119A_2119B-P-00009	06/04/2024 10:01	
2119A_2119B-W-00002-01	MYD468	Soil/ ERT	Grab	ICP-AES 11(21)	9-3376 (None) (1)	2119A_2119B-W-00002	06/04/2024 10:00	
2119A_2119B-C-00006-01	MYD469	Soil/ REAC	Grab	ICP-AES 11(21)	9-3377 (None) (1)	2119A_2119B-C-00006	06/04/2024 10:00	
2119A_2119B-W-00009-01	MYD470	Soil/ ERT	Grab	ICP-AES 11(21)	9-3378 (None) (1)	2119A_2119B-W-00009	06/04/2024 09:48	
2119A_2119B-C-00004-01	MYD471	Soil/ REAC	Grab	ICP-AES 11(21)	9-3379 (None) (1)	2119A_2119B-C-00004	06/04/2024 09:56	
2119A_2119B-P-S00001-01	MYD472	Soil/ REAC	Grab	ICP-AES 11(21)	9-3380 (None) (1)	2119A_2119B-P-S00001	06/04/2024 09:56	
2119A_2119B-P-00004-01	MYD473	Soil/ REAC	Grab	ICP-AES 11(21)	9-3381 (None) (1)	2119A_2119B-P-00004	06/04/2024 09:55	
2119A_2119B-C-00001-01	MYD474	Soil/ REAC	Grab	ICP-AES 11(21)	9-3382 (None) (1)	2119A_2119B-C-00001	06/04/2024 09:55	

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 Guyenne Weston	6/6/2024 15:00		6-7-24 0920	21.9°C IR GUN #1
					custody seals intact
					NO Temp. BLK.

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 1
Received By (Print Name) GONGE NGUON		Log-in Date **6/7/2024**
Received By (Signature)		
Case Number 51495	SDG No. MYD455 & MYD456	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.	776715879332 1
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	21.9 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	06/07/2024
12.Time Received	09:20

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MYD455	N/A	9-3363	P2785-01	Intact
2	MYD456	N/A	9-3364	P2785-02	Intact
3	MYD457	N/A	9-3365	P2785-03	Intact
4	MYD458	N/A	9-3366	P2785-04	Intact
5	MYD459	N/A	9-3367	P2785-05	Intact
6	MYD459D	N/A	9-3367	P2785-06	Intact
7	MYD459S	N/A	9-3367	P2785-07	Intact
8	MYD460	N/A	9-3368	P2785-08	Intact
9	MYD461	N/A	9-3369	P2785-09	Intact
10	MYD462	N/A	9-3370	P2785-10	Intact
11	MYD463	N/A	9-3371	P2785-11	Intact
12	MYD464	N/A	9-3372	P2785-12	Intact
13	MYD465	N/A	9-3373	P2785-13	Intact
14	MYD466	N/A	9-3374	P2785-14	Intact
15	MYD467	N/A	9-3375	P2785-15	Intact
16	MYD468	N/A	9-3376	P2785-16	Intact
17	MYD469	N/A	9-3377	P2785-17	Intact
18	MYD470	N/A	9-3378	P2785-18	Intact
19	MYD471	N/A	9-3379	P2785-19	Intact
20	MYD472	N/A	9-3380	P2785-20	Intact
21	MYD473	N/A	9-3381	P2785-21	Intact
22	MYD474	N/A	9-3382	P2785-22	Intact
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	6/7/24	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.	**MYD456**
MA NO.	**3208.0,3221.2**	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	PAGE NOs: TO	CHECK LAB	CHECK 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	12	✓	
6 . Communication Logs	13	16	✓	
7 . Percent Solids Log	17	19	✓	
Analysis Forms and Data (ICP-AES)				
8 . Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	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	39	✓	
18 . Instrument raw data by instrument in analysis order	40	879	✓	
Other Data				
19 . Standard and Reagent Preparation Logs	880	1028	✓	
20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1029	1030	✓	
21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1031	1041	✓	
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)	1042	1042	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	1043	1045	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	1046	1047	✓	
47. Other Records and related Communication Logs (describe or list)				
	NA	NA	✓	

48. Comments:

Completed by:
(CLP Lab)

(Signature)	Nimisha Pandya, Document Control Officer (Print Name & Title)	(Date)

Audited by:
(EPA)

(Signature)	(Print Name & Title)	(Date)

284 Sheffield Street
Mountainside, NJ 07092

SDG NARRATIVE

USEPA
SDG # MYD456
CASE # 51495
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID #P2785
MODIFIED ANALYSIS#3221.2

A. Number of Samples and Date of Receipt

20 Soil sample were delivered to the laboratory intact on 06/07/2024.

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: 21.9^{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 MYD455 For Arsenic:

If C = 198.06 ppb
Vf = 500 ml
W = 1.30 g
S = 0.971(97.1/100)
DF = 1

$$\text{Concentration (mg/kg)} = 198.06 \times \frac{500}{1.30 \times 0.971} \times 1 / 1000$$

$$= 78.4520 \text{ mg/kg}$$

$$= 79 \text{ mg/kg (Reported Result with Signification)}$$

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(MYD459SRE) sample did meet requirements except for Arsenic, Lead. Duplicate sample did meet requirements except for Nickel. Serial Dilution did meet requirements.

284 Sheffield Street
Mountainside, NJ 07092

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

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

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 1:54 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: 6/10/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 14:15
In Date: 06/08/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 06/09/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB131139

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
P2785-01	MYD455	1	1.18	8.72	9.9	9.65	97.1	
P2785-02	MYD456	2	1.15	8.43	9.58	9.22	95.7	
P2785-03	MYD457	3	1.18	8.64	9.82	9.58	97.2	
P2785-04	MYD458	4	1.17	8.67	9.84	9.58	97.0	
P2785-05	MYD459	5	1.18	8.74	9.92	9.53	95.5	
P2785-06	MYD459D	6	1.18	8.74	9.92	9.53	95.5	
P2785-07	MYD459S	7	1.18	8.74	9.92	9.53	95.5	
P2785-08	MYD460	8	1.18	8.55	9.73	9.27	94.6	
P2785-09	MYD461	9	1.18	8.69	9.87	9.64	97.4	
P2785-10	MYD462	10	1.19	8.44	9.63	9.34	96.6	
P2785-11	MYD463	11	1.18	8.59	9.77	9.44	96.2	
P2785-12	MYD464	12	1.16	8.81	9.97	9.7	96.9	
P2785-13	MYD465	13	1.15	8.40	9.55	9.36	97.7	
P2785-14	MYD466	14	1.16	8.40	9.56	9.32	97.1	
P2785-15	MYD467	15	1.19	8.53	9.72	9.48	97.2	
P2785-16	MYD468	16	1.18	8.53	9.71	9.54	98.0	
P2785-17	MYD469	17	1.19	8.58	9.77	9.58	97.8	
P2785-18	MYD470	18	1.15	8.36	9.51	9.22	96.5	
P2785-19	MYD471	19	1.12	8.57	9.69	9.32	95.7	
P2785-20	MYD472	20	1.19	8.45	9.64	9.44	97.6	
P2785-21	MYD473	21	1.18	8.55	9.73	9.38	95.9	
P2785-22	MYD474	22	1.1	8.78	9.88	9.7	97.9	

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

WORKLIST(Hardcopy Internal Chain)

VB131139

WorkList Name : %1-P2785 **WorkList ID :** 180918 **Department :** Wet-Chemistry **Date :** 06-08-2024 10:43:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2785-01	MYD455	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-02	MYD456	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-03	MYD457	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-04	MYD458	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-05	MYD459	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-06	MYD459D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-07	MYD459S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-08	MYD460	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-09	MYD461	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-10	MYD462	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-11	MYD463	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-12	MYD464	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-13	MYD465	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-14	MYD466	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-15	MYD467	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-16	MYD468	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-17	MYD469	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-18	MYD470	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-19	MYD471	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-20	MYD472	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO
P2785-21	MYD473	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO

18

Date/Time 06/08/24 13:10

Raw Sample Received by: JB Cole

Raw Sample Relinquished by: RJ LEACH (Lab)

Date/Time 06/08/24 14:20

Raw Sample Received by: RJ LEACH (Lab)

Raw Sample Relinquished by: JB Cole

WORKLIST(Hardcopy Internal Chain)

131139

WorkList Name : %1-P2785 **WorkList ID :** 180918 **Department :** Wet-Chemistry **Date :** 06-08-2024 10:43:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2785-22	MYD474	Solid	Percent Solids	Cool 4 deg C	USEP01	Q42	06/04/2024	Chemtech -SO

19

Date/Time 06/08/24 13:10
Raw Sample Received by: JB WRC,
Raw Sample Relinquished by: RJ LEXT - lab)

Date/Time 06/08/24 14:20
Raw Sample Received by: RJ LEXT - lab)
Raw Sample Relinquished by: JB WRC.

EPA SAMPLE NO.

MYD455

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-01

% Solids: 97.1 Date Received: 06/07/2024

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	0.97		09/29/2024	1814
7440-38-2	Arsenic	79	*	09/29/2024	1814
7440-39-3	Barium	110		09/29/2024	1814
7440-41-7	Beryllium	0.62		09/29/2024	1814
7440-43-9	Cadmium	1.1		09/29/2024	1814
7440-47-3	Chromium	18		09/29/2024	1814
7440-48-4	Cobalt	19		09/29/2024	1814
7440-50-8	Copper	100		09/29/2024	1814
7439-92-1	Lead	68	*	09/29/2024	1814
7440-02-0	Nickel	18	*	09/29/2024	1814
7782-49-2	Selenium	0.36	J	09/29/2024	1814
7440-22-4	Silver	0.35	J	09/29/2024	1814
7440-28-0	Thallium	0.12	J	09/29/2024	1814
7440-62-2	Vanadium	74		09/29/2024	1814
7440-66-6	Zinc	240		09/29/2024	1814

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

Comments:

EPA SAMPLE NO.

MYD456

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-02

% Solids: 95.7 Date Received: 06/07/2024

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	0.59	J	09/29/2024	1817
7440-38-2	Arsenic	42	*	09/29/2024	1817
7440-39-3	Barium	130		09/29/2024	1817
7440-41-7	Beryllium	0.80		09/29/2024	1817
7440-43-9	Cadmium	0.43	J	09/29/2024	1817
7440-47-3	Chromium	20		09/29/2024	1817
7440-48-4	Cobalt	20		09/29/2024	1817
7440-50-8	Copper	68		09/29/2024	1817
7439-92-1	Lead	23	*	09/29/2024	1817
7440-02-0	Nickel	19	*	09/29/2024	1817
7782-49-2	Selenium	2.5	U	09/29/2024	1817
7440-22-4	Silver	0.18	J	09/29/2024	1817
7440-28-0	Thallium	0.10	J	09/29/2024	1817
7440-62-2	Vanadium	69		09/29/2024	1817
7440-66-6	Zinc	120		09/29/2024	1817

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

Comments:

EPA SAMPLE NO.

MYD457

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-03

% Solids: 97.2 Date Received: 06/07/2024

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	0.98		09/29/2024	1821
7440-38-2	Arsenic	65	*	09/29/2024	1821
7440-39-3	Barium	130		09/29/2024	1821
7440-41-7	Beryllium	0.67		09/29/2024	1821
7440-43-9	Cadmium	0.92		09/29/2024	1821
7440-47-3	Chromium	16		09/29/2024	1821
7440-48-4	Cobalt	17		09/29/2024	1821
7440-50-8	Copper	86		09/29/2024	1821
7439-92-1	Lead	58	*	09/29/2024	1821
7440-02-0	Nickel	17	*	09/29/2024	1821
7782-49-2	Selenium	0.48	J	09/29/2024	1821
7440-22-4	Silver	0.30	J	09/29/2024	1821
7440-28-0	Thallium	0.12	J	09/29/2024	1821
7440-62-2	Vanadium	65		09/29/2024	1821
7440-66-6	Zinc	220		09/29/2024	1821

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

Comments:

EPA SAMPLE NO.

MYD458

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-04

% Solids: 97 Date Received: 06/07/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.3		09/29/2024	1824
7440-38-2	Arsenic	93	*	09/29/2024	1824
7440-39-3	Barium	140		09/29/2024	1824
7440-41-7	Beryllium	0.67		09/29/2024	1824
7440-43-9	Cadmium	1.3		09/29/2024	1824
7440-47-3	Chromium	18		09/29/2024	1824
7440-48-4	Cobalt	17		09/29/2024	1824
7440-50-8	Copper	100		09/29/2024	1824
7439-92-1	Lead	72	*	09/29/2024	1824
7440-02-0	Nickel	17	*	09/29/2024	1824
7782-49-2	Selenium	0.56	J	09/29/2024	1824
7440-22-4	Silver	0.60		09/29/2024	1824
7440-28-0	Thallium	0.12	J	09/29/2024	1824
7440-62-2	Vanadium	71		09/29/2024	1824
7440-66-6	Zinc	280		09/29/2024	1824

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

Comments:

EPA SAMPLE NO.

MYD459

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-05

% Solids: 95.5 Date Received: 06/07/2024

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	0.45	J	09/29/2024	1827
7440-38-2	Arsenic	49	*	09/29/2024	1827
7440-39-3	Barium	150	D	09/29/2024	1953
7440-41-7	Beryllium	0.78		09/29/2024	1827
7440-43-9	Cadmium	0.67		09/29/2024	1827
7440-47-3	Chromium	18		09/29/2024	1827
7440-48-4	Cobalt	18	D	09/29/2024	1953
7440-50-8	Copper	68		09/29/2024	1827
7439-92-1	Lead	32	*	09/29/2024	1827
7440-02-0	Nickel	24	D*	09/29/2024	1953
7782-49-2	Selenium	0.30	J	09/29/2024	1827
7440-22-4	Silver	0.22	J	09/29/2024	1827
7440-28-0	Thallium	0.10	J	09/29/2024	1827
7440-62-2	Vanadium	78	D	09/29/2024	1953
7440-66-6	Zinc	150		09/29/2024	1827

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

Comments:

EPA SAMPLE NO.

MYD460

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-08

% Solids: 94.6 Date Received: 06/07/2024

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		09/29/2024	1843
7440-38-2	Arsenic	68	*	09/29/2024	1843
7440-39-3	Barium	150		09/29/2024	1843
7440-41-7	Beryllium	0.69		09/29/2024	1843
7440-43-9	Cadmium	1.2		09/29/2024	1843
7440-47-3	Chromium	17		09/29/2024	1843
7440-48-4	Cobalt	15		09/29/2024	1843
7440-50-8	Copper	92		09/29/2024	1843
7439-92-1	Lead	81	*	09/29/2024	1843
7440-02-0	Nickel	17	*	09/29/2024	1843
7782-49-2	Selenium	0.65	J	09/29/2024	1843
7440-22-4	Silver	0.50		09/29/2024	1843
7440-28-0	Thallium	0.13	J	09/29/2024	1843
7440-62-2	Vanadium	55		09/29/2024	1843
7440-66-6	Zinc	280		09/29/2024	1843

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

Comments:

EPA SAMPLE NO.

MYD461

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-09

% Solids: 97.4 Date Received: 06/07/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.6		09/29/2024	1846
7440-38-2	Arsenic	71	*	09/29/2024	1846
7440-39-3	Barium	110		09/29/2024	1846
7440-41-7	Beryllium	0.63		09/29/2024	1846
7440-43-9	Cadmium	1.2		09/29/2024	1846
7440-47-3	Chromium	17		09/29/2024	1846
7440-48-4	Cobalt	17		09/29/2024	1846
7440-50-8	Copper	96		09/29/2024	1846
7439-92-1	Lead	61	*	09/29/2024	1846
7440-02-0	Nickel	17	*	09/29/2024	1846
7782-49-2	Selenium	0.45	J	09/29/2024	1846
7440-22-4	Silver	0.41	J	09/29/2024	1846
7440-28-0	Thallium	0.12	J	09/29/2024	1846
7440-62-2	Vanadium	70		09/29/2024	1846
7440-66-6	Zinc	250		09/29/2024	1846

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

Comments:

EPA SAMPLE NO.

MYD462

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-10

% Solids: 96.6 Date Received: 06/07/2024

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	0.70	J	09/29/2024	1849
7440-38-2	Arsenic	34	*	09/29/2024	1849
7440-39-3	Barium	250		09/29/2024	1849
7440-41-7	Beryllium	0.71		09/29/2024	1849
7440-43-9	Cadmium	0.31	J	09/29/2024	1849
7440-47-3	Chromium	20		09/29/2024	1849
7440-48-4	Cobalt	16		09/29/2024	1849
7440-50-8	Copper	49		09/29/2024	1849
7439-92-1	Lead	19	*	09/29/2024	1849
7440-02-0	Nickel	17	*	09/29/2024	1849
7782-49-2	Selenium	2.5	U	09/29/2024	1849
7440-22-4	Silver	0.14	J	09/29/2024	1849
7440-28-0	Thallium	0.11	J	09/29/2024	1849
7440-62-2	Vanadium	72		09/29/2024	1849
7440-66-6	Zinc	100		09/29/2024	1849

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

Comments:

EPA SAMPLE NO.

MYD463

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-11

% Solids: 96.2 Date Received: 06/07/2024

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	0.74	J	09/29/2024	1852
7440-38-2	Arsenic	37	*	09/29/2024	1852
7440-39-3	Barium	180		09/29/2024	1852
7440-41-7	Beryllium	0.84		09/29/2024	1852
7440-43-9	Cadmium	0.44	J	09/29/2024	1852
7440-47-3	Chromium	21		09/29/2024	1852
7440-48-4	Cobalt	22		09/29/2024	1852
7440-50-8	Copper	57		09/29/2024	1852
7439-92-1	Lead	23	*	09/29/2024	1852
7440-02-0	Nickel	21	*	09/29/2024	1852
7782-49-2	Selenium	2.5	U	09/29/2024	1852
7440-22-4	Silver	0.17	J	09/29/2024	1852
7440-28-0	Thallium	0.10	J	09/29/2024	1852
7440-62-2	Vanadium	81		09/29/2024	1852
7440-66-6	Zinc	110		09/29/2024	1852

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

Comments:

EPA SAMPLE NO.

MYD464

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-12

% Solids: 96.9 Date Received: 06/07/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.3		09/29/2024	1855
7440-38-2	Arsenic	71	*	09/29/2024	1855
7440-39-3	Barium	110		09/29/2024	1855
7440-41-7	Beryllium	0.66		09/29/2024	1855
7440-43-9	Cadmium	1.0		09/29/2024	1855
7440-47-3	Chromium	20		09/29/2024	1855
7440-48-4	Cobalt	19		09/29/2024	1855
7440-50-8	Copper	88		09/29/2024	1855
7439-92-1	Lead	63	*	09/29/2024	1855
7440-02-0	Nickel	18	*	09/29/2024	1855
7782-49-2	Selenium	0.51	J	09/29/2024	1855
7440-22-4	Silver	0.35	J	09/29/2024	1855
7440-28-0	Thallium	0.12	J	09/29/2024	1855
7440-62-2	Vanadium	70		09/29/2024	1855
7440-66-6	Zinc	250		09/29/2024	1855

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

Comments:

EPA SAMPLE NO.

MYD465

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-13

% Solids: 97.7 Date Received: 06/07/2024

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	0.39	J	09/29/2024	1859
7440-38-2	Arsenic	16	*	09/29/2024	1859
7440-39-3	Barium	170		09/29/2024	1859
7440-41-7	Beryllium	0.86		09/29/2024	1859
7440-43-9	Cadmium	0.22	J	09/29/2024	1859
7440-47-3	Chromium	24		09/29/2024	1859
7440-48-4	Cobalt	16		09/29/2024	1859
7440-50-8	Copper	36		09/29/2024	1859
7439-92-1	Lead	12	*	09/29/2024	1859
7440-02-0	Nickel	22	*	09/29/2024	1859
7782-49-2	Selenium	2.4	U	09/29/2024	1859
7440-22-4	Silver	0.092	J	09/29/2024	1859
7440-28-0	Thallium	0.14	J	09/29/2024	1859
7440-62-2	Vanadium	52		09/29/2024	1859
7440-66-6	Zinc	83		09/29/2024	1859

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

Comments:

EPA SAMPLE NO.

MYD466

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-14

% Solids: 97.1 Date Received: 06/07/2024

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		09/29/2024	1902
7440-38-2	Arsenic	57	*	09/29/2024	1902
7440-39-3	Barium	120		09/29/2024	1902
7440-41-7	Beryllium	0.64		09/29/2024	1902
7440-43-9	Cadmium	0.64		09/29/2024	1902
7440-47-3	Chromium	19		09/29/2024	1902
7440-48-4	Cobalt	18		09/29/2024	1902
7440-50-8	Copper	72		09/29/2024	1902
7439-92-1	Lead	36	*	09/29/2024	1902
7440-02-0	Nickel	18	*	09/29/2024	1902
7782-49-2	Selenium	2.5	U	09/29/2024	1902
7440-22-4	Silver	0.23	J	09/29/2024	1902
7440-28-0	Thallium	0.099	J	09/29/2024	1902
7440-62-2	Vanadium	74		09/29/2024	1902
7440-66-6	Zinc	170		09/29/2024	1902

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

Comments:

EPA SAMPLE NO.

MYD467

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-15

% Solids: 97.2 Date Received: 06/07/2024

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		09/29/2024	1911
7440-38-2	Arsenic	49	*	09/29/2024	1911
7440-39-3	Barium	120		09/29/2024	1911
7440-41-7	Beryllium	0.72		09/29/2024	1911
7440-43-9	Cadmium	0.62		09/29/2024	1911
7440-47-3	Chromium	18		09/29/2024	1911
7440-48-4	Cobalt	19		09/29/2024	1911
7440-50-8	Copper	54		09/29/2024	1911
7439-92-1	Lead	34	*	09/29/2024	1911
7440-02-0	Nickel	19	*	09/29/2024	1911
7782-49-2	Selenium	2.1	U	09/29/2024	1911
7440-22-4	Silver	0.19	J	09/29/2024	1911
7440-28-0	Thallium	0.13	J	09/29/2024	1911
7440-62-2	Vanadium	79		09/29/2024	1911
7440-66-6	Zinc	170		09/29/2024	1911

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

Comments:

EPA SAMPLE NO.

MYD468

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-16

% Solids: 98 Date Received: 06/07/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.2		09/29/2024	1914
7440-38-2	Arsenic	70	*	09/29/2024	1914
7440-39-3	Barium	100		09/29/2024	1914
7440-41-7	Beryllium	0.62		09/29/2024	1914
7440-43-9	Cadmium	0.98		09/29/2024	1914
7440-47-3	Chromium	17		09/29/2024	1914
7440-48-4	Cobalt	15		09/29/2024	1914
7440-50-8	Copper	81		09/29/2024	1914
7439-92-1	Lead	54	*	09/29/2024	1914
7440-02-0	Nickel	16	*	09/29/2024	1914
7782-49-2	Selenium	2.5	U	09/29/2024	1914
7440-22-4	Silver	0.31	J	09/29/2024	1914
7440-28-0	Thallium	0.11	J	09/29/2024	1914
7440-62-2	Vanadium	72		09/29/2024	1914
7440-66-6	Zinc	220		09/29/2024	1914

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

Comments:

EPA SAMPLE NO.

MYD469

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-17

% Solids: 97.8 Date Received: 06/07/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.3		09/29/2024	1918
7440-38-2	Arsenic	54	*	09/29/2024	1918
7440-39-3	Barium	110		09/29/2024	1918
7440-41-7	Beryllium	0.63		09/29/2024	1918
7440-43-9	Cadmium	0.86		09/29/2024	1918
7440-47-3	Chromium	19		09/29/2024	1918
7440-48-4	Cobalt	14		09/29/2024	1918
7440-50-8	Copper	71		09/29/2024	1918
7439-92-1	Lead	48	*	09/29/2024	1918
7440-02-0	Nickel	18	*	09/29/2024	1918
7782-49-2	Selenium	0.31	J	09/29/2024	1918
7440-22-4	Silver	0.29	J	09/29/2024	1918
7440-28-0	Thallium	0.12	J	09/29/2024	1918
7440-62-2	Vanadium	49		09/29/2024	1918
7440-66-6	Zinc	210		09/29/2024	1918

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

Comments:

EPA SAMPLE NO.

MYD470

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-18

% Solids: 96.5 Date Received: 06/07/2024

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	0.94	J	09/29/2024	1921
7440-38-2	Arsenic	49	*	09/29/2024	1921
7440-39-3	Barium	130		09/29/2024	1921
7440-41-7	Beryllium	0.68		09/29/2024	1921
7440-43-9	Cadmium	0.84		09/29/2024	1921
7440-47-3	Chromium	18		09/29/2024	1921
7440-48-4	Cobalt	17		09/29/2024	1921
7440-50-8	Copper	81		09/29/2024	1921
7439-92-1	Lead	42	*	09/29/2024	1921
7440-02-0	Nickel	18	*	09/29/2024	1921
7782-49-2	Selenium	2.4	U	09/29/2024	1921
7440-22-4	Silver	0.22	J	09/29/2024	1921
7440-28-0	Thallium	0.096	J	09/29/2024	1921
7440-62-2	Vanadium	73		09/29/2024	1921
7440-66-6	Zinc	170		09/29/2024	1921

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

Comments:

EPA SAMPLE NO.

MYD471

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-19

% Solids: 95.7 Date Received: 06/07/2024

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	0.70	J	09/29/2024	1924
7440-38-2	Arsenic	42	*	09/29/2024	1924
7440-39-3	Barium	160		09/29/2024	1924
7440-41-7	Beryllium	0.80		09/29/2024	1924
7440-43-9	Cadmium	0.69		09/29/2024	1924
7440-47-3	Chromium	24		09/29/2024	1924
7440-48-4	Cobalt	17		09/29/2024	1924
7440-50-8	Copper	66		09/29/2024	1924
7439-92-1	Lead	35	*	09/29/2024	1924
7440-02-0	Nickel	24	*	09/29/2024	1924
7782-49-2	Selenium	0.43	J	09/29/2024	1924
7440-22-4	Silver	0.27	J	09/29/2024	1924
7440-28-0	Thallium	0.14	J	09/29/2024	1924
7440-62-2	Vanadium	52		09/29/2024	1924
7440-66-6	Zinc	180		09/29/2024	1924

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

Comments:

EPA SAMPLE NO.

MYD472

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-20

% Solids: 97.6 Date Received: 06/07/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.3		09/29/2024	1927
7440-38-2	Arsenic	90	*	09/29/2024	1927
7440-39-3	Barium	130		09/29/2024	1927
7440-41-7	Beryllium	0.68		09/29/2024	1927
7440-43-9	Cadmium	1.1		09/29/2024	1927
7440-47-3	Chromium	21		09/29/2024	1927
7440-48-4	Cobalt	19		09/29/2024	1927
7440-50-8	Copper	98		09/29/2024	1927
7439-92-1	Lead	62	*	09/29/2024	1927
7440-02-0	Nickel	19	*	09/29/2024	1927
7782-49-2	Selenium	0.52	J	09/29/2024	1927
7440-22-4	Silver	0.52		09/29/2024	1927
7440-28-0	Thallium	0.11	J	09/29/2024	1927
7440-62-2	Vanadium	78		09/29/2024	1927
7440-66-6	Zinc	260		09/29/2024	1927

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

Comments:

EPA SAMPLE NO.

MYD473

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-21

% Solids: 95.9 Date Received: 06/07/2024

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	0.61	J	09/29/2024	1930
7440-38-2	Arsenic	54	*	09/29/2024	1930
7440-39-3	Barium	130		09/29/2024	1930
7440-41-7	Beryllium	0.71		09/29/2024	1930
7440-43-9	Cadmium	0.56		09/29/2024	1930
7440-47-3	Chromium	20		09/29/2024	1930
7440-48-4	Cobalt	18		09/29/2024	1930
7440-50-8	Copper	67		09/29/2024	1930
7439-92-1	Lead	26	*	09/29/2024	1930
7440-02-0	Nickel	18	*	09/29/2024	1930
7782-49-2	Selenium	0.29	J	09/29/2024	1930
7440-22-4	Silver	0.16	J	09/29/2024	1930
7440-28-0	Thallium	0.091	J	09/29/2024	1930
7440-62-2	Vanadium	71		09/29/2024	1930
7440-66-6	Zinc	140		09/29/2024	1930

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

Comments:

EPA SAMPLE NO.

MYD474

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.: MYD456

Matrix: SOIL Lab Sample ID: P2785-22

% Solids: 97.9 Date Received: 06/07/2024

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	0.97		09/29/2024	1933
7440-38-2	Arsenic	39	*	09/29/2024	1933
7440-39-3	Barium	110		09/29/2024	1933
7440-41-7	Beryllium	0.63		09/29/2024	1933
7440-43-9	Cadmium	0.48		09/29/2024	1933
7440-47-3	Chromium	17		09/29/2024	1933
7440-48-4	Cobalt	14		09/29/2024	1933
7440-50-8	Copper	53		09/29/2024	1933
7439-92-1	Lead	24	*	09/29/2024	1933
7440-02-0	Nickel	18	*	09/29/2024	1933
7782-49-2	Selenium	0.33	J	09/29/2024	1933
7440-22-4	Silver	0.29	J	09/29/2024	1933
7440-28-0	Thallium	0.11	J	09/29/2024	1933
7440-62-2	Vanadium	53		09/29/2024	1933
7440-66-6	Zinc	130		09/29/2024	1933

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

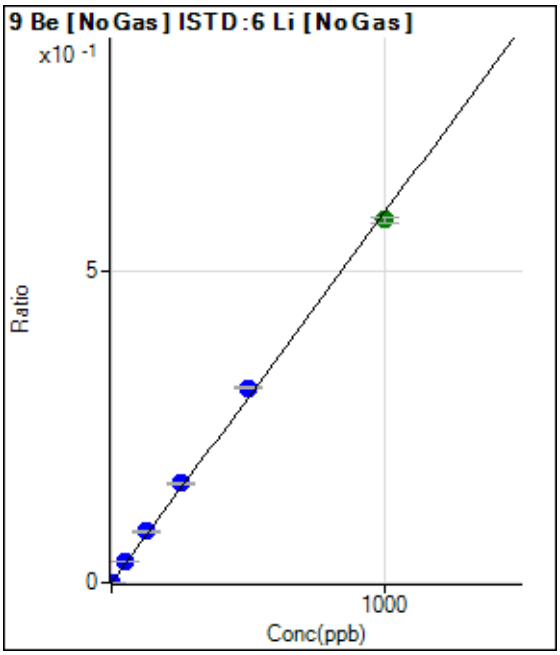
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Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

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3	006CALS.d	S03	2024-09-29 15:45:31
4	007CALS.d	S04	2024-09-29 15:48:39
5	008CALS.d	S05	2024-09-29 15:51:39
6	009CALS.d	S06	2024-09-29 15:54:28
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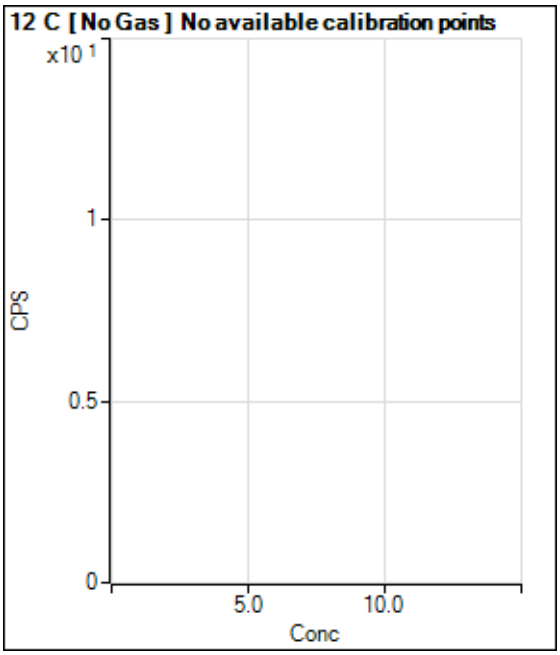
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On:10/9/2024 7:43:32 AM
Inst Id :P7



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2	☐	1.000	1.070	1267.37	0.0006	P	6.2
3	☐	50.000	55.838	65689.47	0.0331	P	0.7
4	☐	125.000	137.931	163283.13	0.0817	P	1.3
5	☐	250.000	267.604	319067.75	0.1585	P	0.4
6	☐	500.000	526.648	621067.25	0.3120	P	0.4
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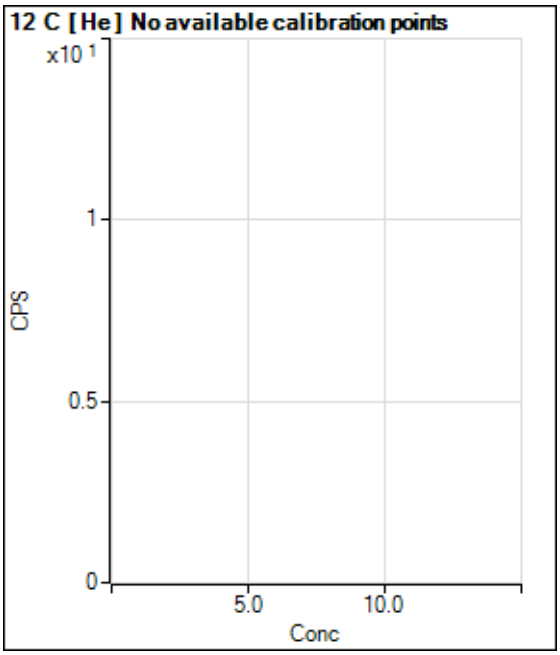
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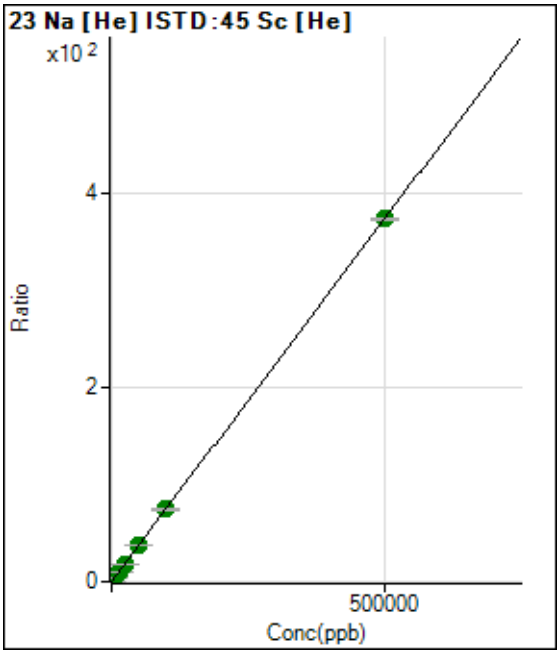


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

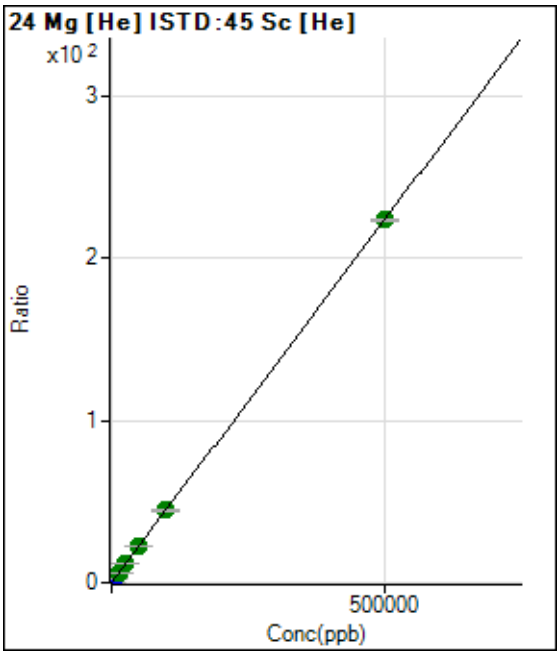


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8434.60	0.0166	P	2.7
2	☐	500.000	504.613	197112.86	0.3929	P	0.9
3	☐	5000.000	5013.767	1862891.88	3.7554	A	0.4
4	☐	12500.000	12505.417	4538192.36	9.3420	A	0.5
5	☐	25000.000	24995.380	8827894.94	18.6558	A	0.7
6	☐	50000.000	49780.758	17193743.36	37.1383	A	0.3
7	☐	100000.00	99543.583	35375724.19	74.2466	A	0.7
8	☐	500000.00	500113.16	174285939.6	372.9526	A	0.4

y = 7.4570E-004 * x + 0.0166
R = 1.0000
DL = 1.832
BEC = 22.31

Weight: <None>
Min Conc: 0

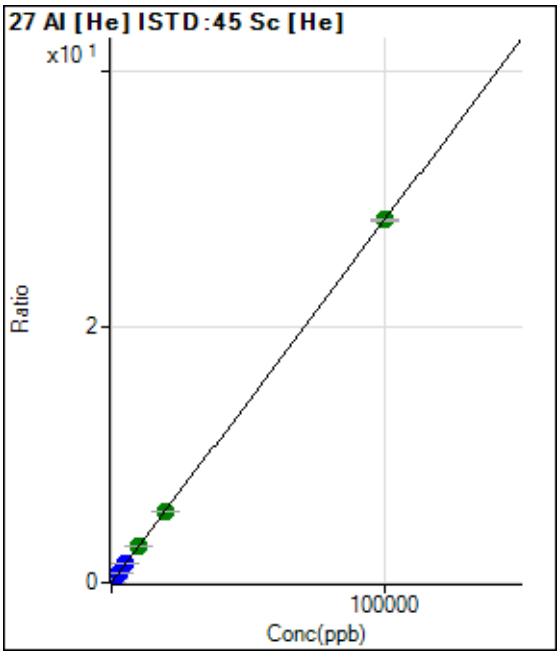
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	535.57	0.0011	P	12.4
2	☐	500.000	534.300	120411.86	0.2400	P	1.1
3	☐	5000.000	5243.127	1163744.03	2.3460	P	1.0
4	☐	12500.000	12656.525	2750301.83	5.6617	A	1.5
5	☐	25000.000	25315.382	5358150.34	11.3233	A	0.3
6	☐	50000.000	50171.839	10388767.83	22.4404	A	0.6
7	☐	100000.00	99642.831	21234199.96	44.5662	A	0.6
8	☐	500000.00	500032.10	104510495.1	223.6400	A	0.6

y = 4.4725E-004 * x + 0.0011
R = 1.0000
DL = 0.8826
BEC = 2.364

Weight: <None>
Min Conc: 0

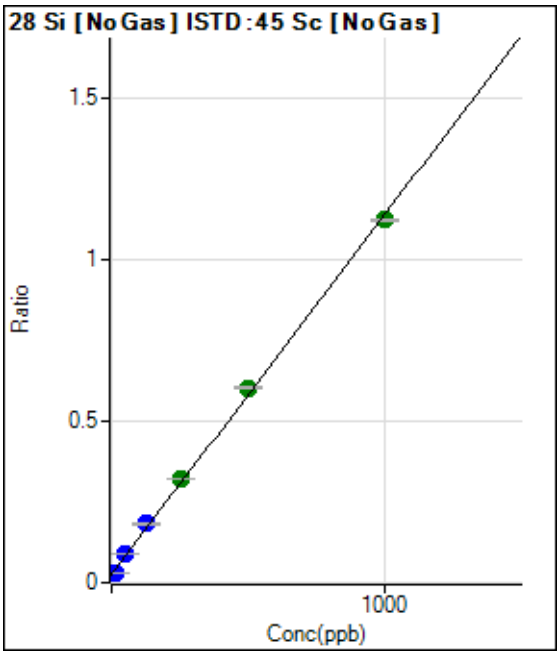


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.89	0.0002	P	5.2
2	☐	20.000	19.292	2851.40	0.0057	P	2.9
3	☐	1000.000	1035.769	145756.14	0.2938	P	0.5
4	☐	2500.000	2585.300	356120.43	0.7331	P	0.9
5	☐	5000.000	5140.030	689586.15	1.4573	P	0.3
6	☐	10000.000	9932.126	1303592.93	2.8157	A	0.3
7	☐	20000.000	19508.343	2635078.45	5.5304	A	0.7
8	☐	100000.00	100095.62	13260109.66	28.3751	A	0.2

y = 2.8348E-004 * x + 2.1464E-004
R = 1.0000
DL = 0.1172
BEC = 0.7572

Weight: <None>
Min Conc: 0

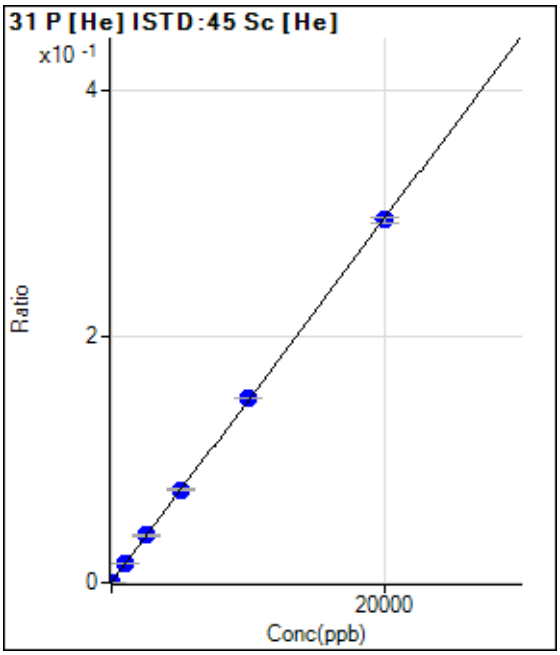
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166533.25	0.0272	P	0.8
2	☐	10.000	2.374	182161.73	0.0299	P	1.1
3	☐	50.000	55.374	539425.80	0.0888	P	1.3
4	☐	125.000	139.716	1089519.49	0.1826	P	1.8
5	☐	250.000	263.992	1870488.46	0.3209	A	0.8
6	☐	500.000	517.479	3388216.61	0.6029	A	0.7
7	☐	1000.000	985.731	6500918.65	1.1238	A	0.6
8	☐			191023.19	0.0349	P	4.6

y = 0.0011 * x + 0.0272
R = 0.9995
DL = 0.5866
BEC = 24.47

Weight: <None>
Min Conc: 0

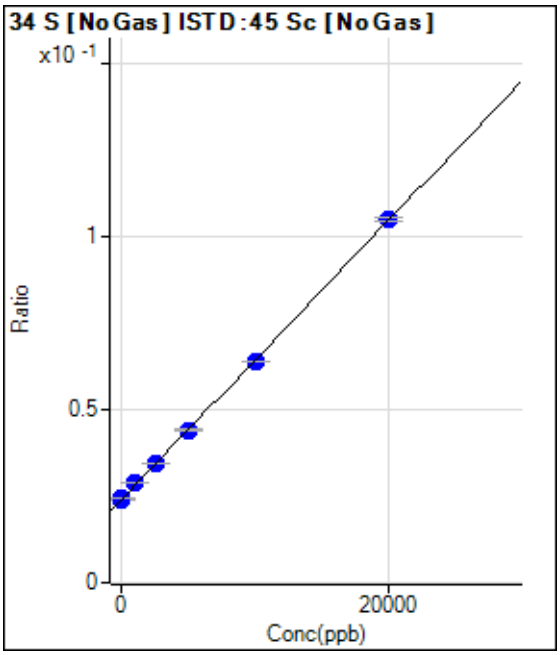


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-14.587	120.00	0.0002	P	14.0
2	☐	0.000	14.587	335.56	0.0007	P	5.9
3	☐	1000.000	1035.508	7827.61	0.0158	P	2.4
4	☐	2500.000	2570.010	18699.27	0.0385	P	1.4
5	☐	5000.000	5088.384	35853.01	0.0758	P	1.4
6	☐	10000.000	10113.644	69514.55	0.1502	P	0.5
7	☐	20000.000	19910.555	140631.81	0.2952	P	1.2
8	☐			167.78	0.0004	P	14.6

y = 1.4802E-005 * x + 4.5283E-004
R = 1.0000
DL = 7.372
BEC = 30.59

Weight: <None>
Min Conc: 0

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-57.083	146701.60	0.0240	P	1.2
2	☐	0.000	57.083	149084.16	0.0244	P	0.8
3	☐	1000.000	1175.873	175742.08	0.0289	P	0.6
4	☐	2500.000	2540.565	205365.88	0.0344	P	1.2
5	☐	5000.000	4947.920	257098.34	0.0441	P	0.8
6	☐	10000.000	9897.265	359758.42	0.0640	P	0.2
7	☐	20000.000	20050.523	606528.05	0.1048	P	1.1
8	☐			118209.39	0.0216	P	6.6

y = 4.0218E-006 * x + 0.0242

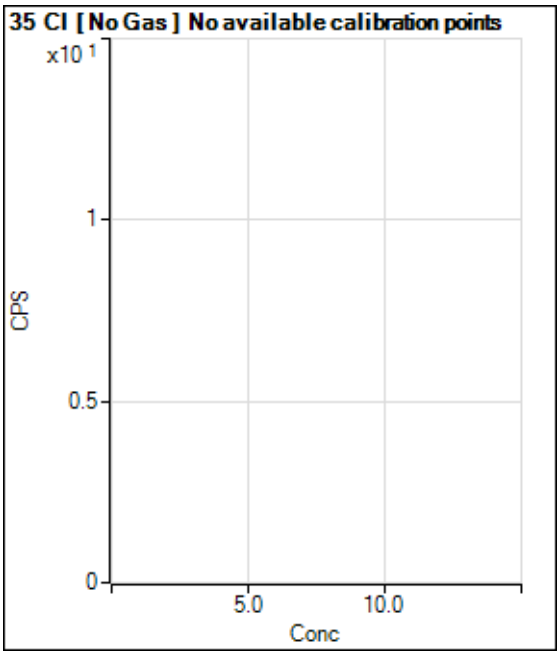
R = 0.9999

DL = 176.9

BEC = 6019

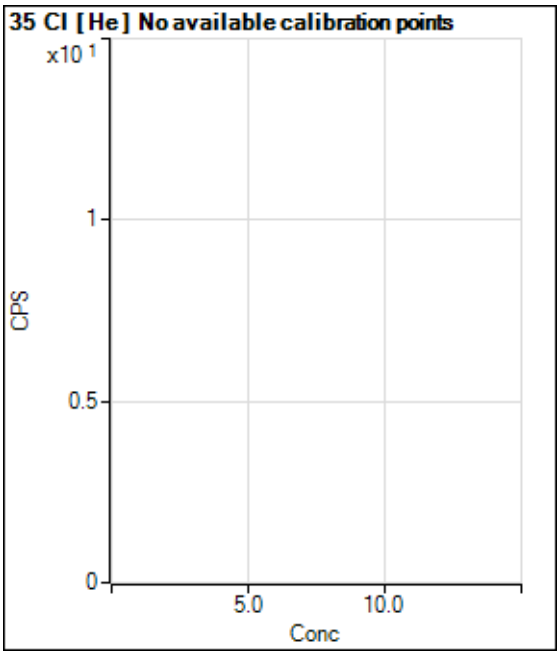
Weight: <None>

Min Conc: 0

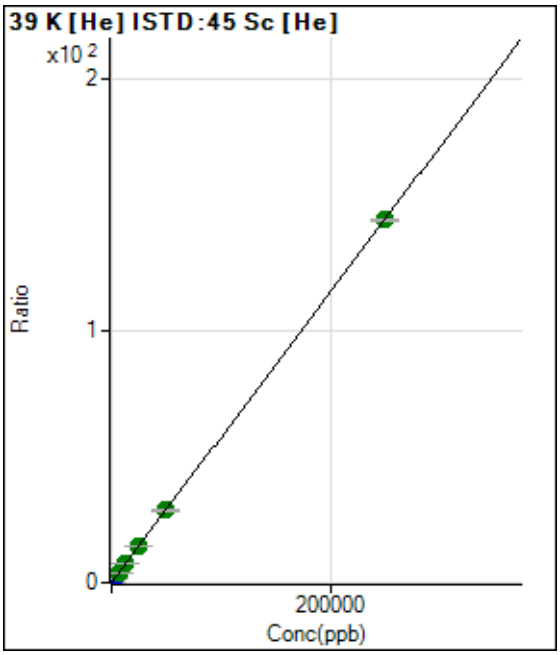


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

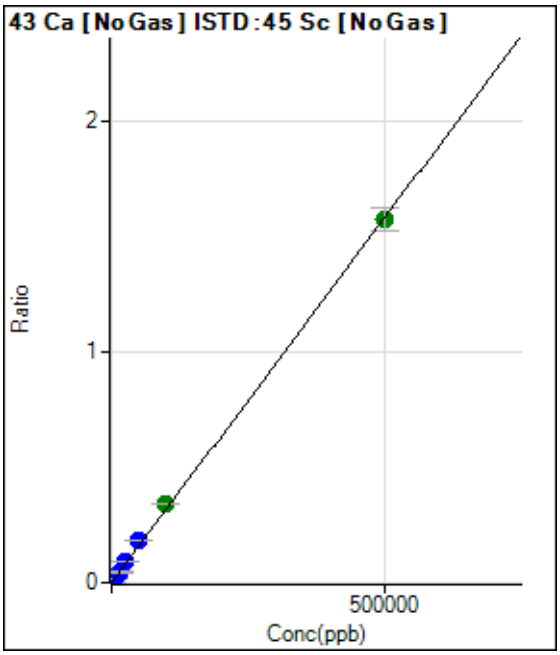


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	39388.68	0.0777	P	1.3
2	☐	500.000	519.623	188822.90	0.3764	P	0.6
3	☐	2500.000	2725.853	815816.12	1.6446	P	0.8
4	☐	6250.000	6406.205	1826731.10	3.7603	A	1.4
5	☐	12500.000	12584.327	3459942.38	7.3117	A	0.6
6	☐	25000.000	24951.685	6676434.83	14.4211	A	0.2
7	☐	50000.000	49622.826	13628235.77	28.6032	A	0.7
8	☐	250000.00	250069.84	67213392.89	143.8293	A	0.3

y = 5.7485E-004 * x + 0.0777
R = 1.0000
DL = 5.42
BEC = 135.1

Weight: <None>
Min Conc: 0

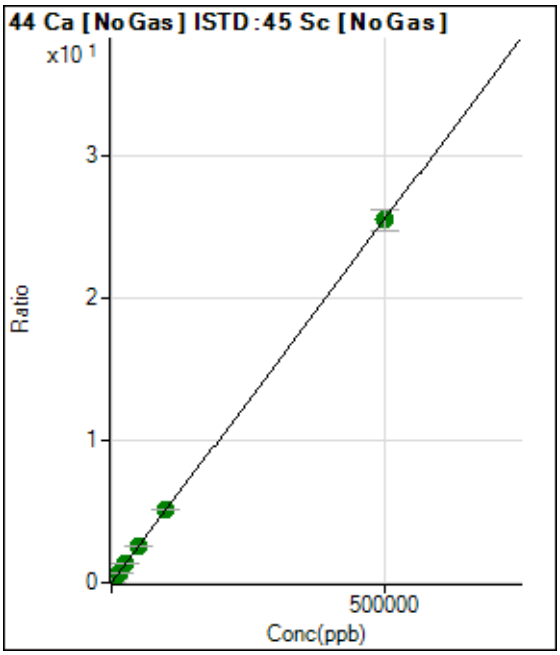
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	298.89	0.0000	P	11.0
2	☐	500.000	499.212	9922.19	0.0016	P	1.1
3	☐	5000.000	5784.948	111319.87	0.0183	P	1.4
4	☐	12500.000	14482.134	273288.60	0.0458	P	1.4
5	☐	25000.000	28792.282	530629.29	0.0910	P	0.4
6	☐	50000.000	57400.021	1019649.06	0.1814	P	0.5
7	☐	100000.00	107693.49	1968908.03	0.3403	A	0.5
8	☐	500000.00	497474.28	8599084.59	1.5720	A	6.5

y = 3.1599E-006 * x + 4.8880E-005
R = 0.9998
DL = 5.126
BEC = 15.47

Weight: <None>
Min Conc: 0

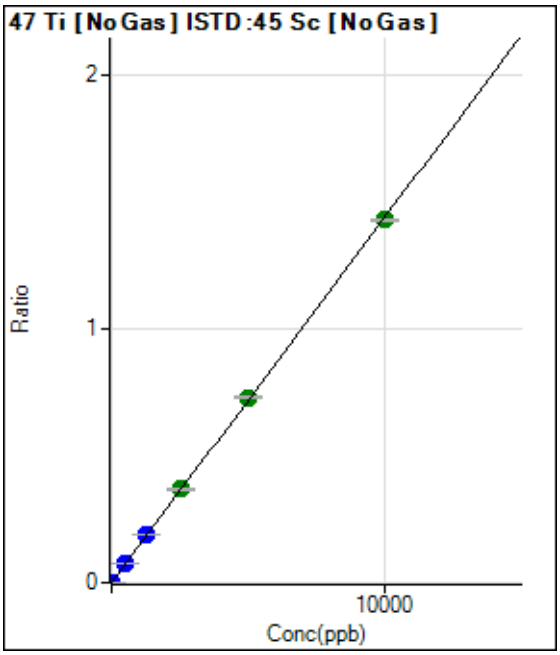


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6707.33	0.0011	P	3.5
2	☐	500.000	500.042	162109.16	0.0266	P	0.4
3	☐	5000.000	5214.963	1620372.84	0.2668	A	0.4
4	☐	12500.000	12928.192	3935731.33	0.6597	A	1.4
5	☐	25000.000	25696.562	7637580.72	1.3102	A	0.8
6	☐	50000.000	51482.537	14747025.47	2.6239	A	0.3
7	☐	100000.00	101306.50	29863701.22	5.1623	A	0.2
8	☐	500000.00	499542.76	139241381.2	25.4510	A	6.0

y = 5.0946E-005 * x + 0.0011
R = 1.0000
DL = 2.249
BEC = 21.52

Weight: <None>
Min Conc: 0

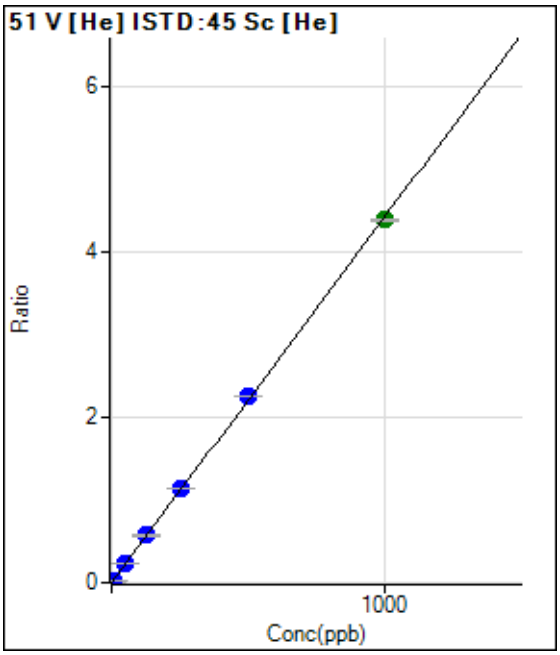
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0000	P	12.0
2	☐	5.000	4.805	4292.86	0.0007	P	2.2
3	☐	500.000	521.065	454824.39	0.0749	P	0.3
4	☐	1250.000	1304.631	1118410.53	0.1875	P	1.3
5	☐	2500.000	2555.699	2140746.98	0.3672	A	0.5
6	☐	5000.000	5073.400	4097163.62	0.7290	A	0.7
7	☐	10000.000	9941.493	8263877.93	1.4285	A	0.7
8	☐			1829.02	0.0003	P	11.0

y = 1.4369E-004 * x + 1.3259E-005
R = 0.9999
DL = 0.03329
BEC = 0.09227

Weight: <None>
Min Conc: 0

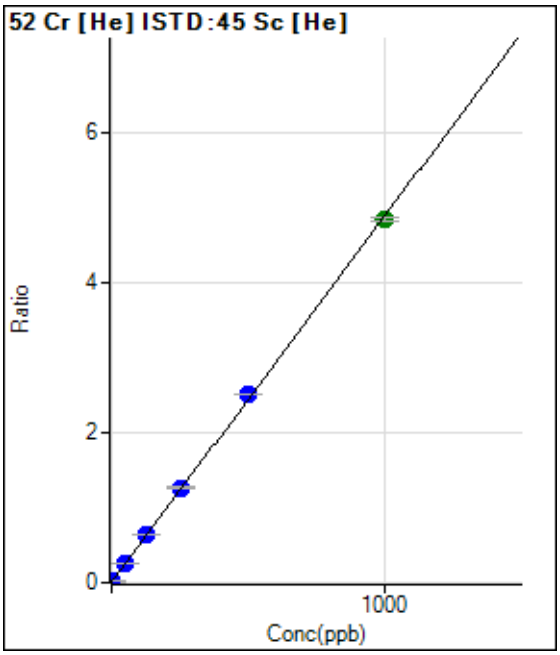


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.44	0.0000	P	36.5
2	☐	5.000	5.044	11197.57	0.0223	P	2.6
3	☐	50.000	51.729	113426.49	0.2287	P	1.0
4	☐	125.000	129.269	277556.29	0.5714	P	1.2
5	☐	250.000	256.245	535939.65	1.1326	P	0.5
6	☐	500.000	509.688	1042916.08	2.2527	P	0.3
7	☐	1000.000	992.974	2091099.24	4.3888	A	0.5
8	☐			533.35	0.0011	P	9.0

y = 0.0044 * x + 2.8566E-005
R = 0.9999
DL = 0.007069
BEC = 0.006463

Weight: <None>
Min Conc: 0

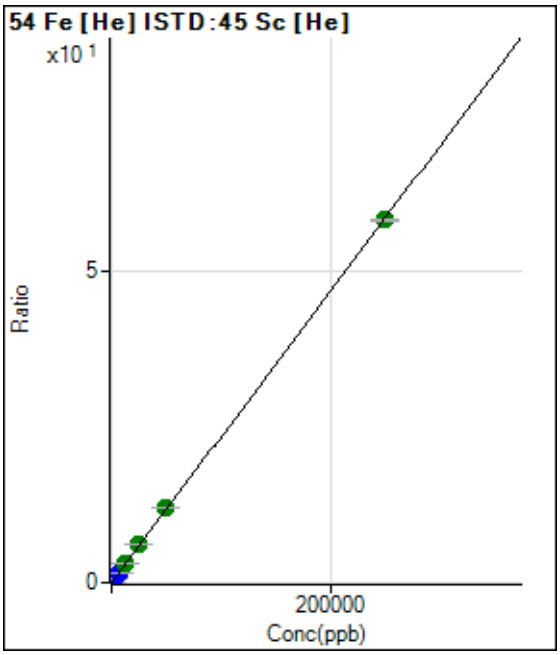
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2052.38	0.0040	P	2.7
2	☐	2.000	2.071	7096.17	0.0141	P	3.5
3	☐	50.000	52.760	129587.46	0.2612	P	0.7
4	☐	125.000	130.935	312024.52	0.6423	P	1.2
5	☐	250.000	258.468	598128.55	1.2640	P	0.7
6	☐	500.000	513.252	1160170.36	2.5060	P	0.4
7	☐	1000.000	990.377	2302281.41	4.8319	A	1.2
8	☐			10431.51	0.0223	P	1.4

y = 0.0049 * x + 0.0040
R = 0.9998
DL = 0.06835
BEC = 0.8304

Weight: <None>
Min Conc: 0

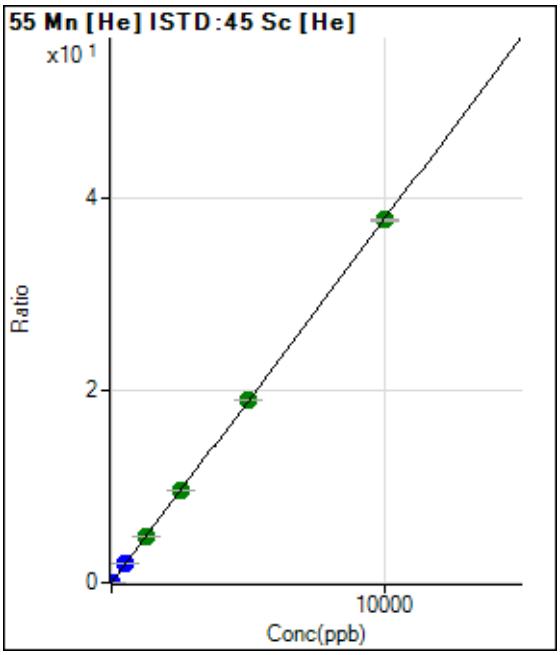


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1528.98	0.0030	P	7.5
2	☐	50.000	56.835	8162.28	0.0163	P	1.9
3	☐	2500.000	2821.263	327868.56	0.6610	P	1.0
4	☐	6250.000	7063.077	801646.29	1.6502	P	0.5
5	☐	12500.000	13249.661	1463597.84	3.0930	A	0.4
6	☐	25000.000	26314.926	2842447.63	6.1399	A	0.8
7	☐	50000.000	51636.349	5739068.67	12.0452	A	0.7
8	☐	250000.00	249480.21	27190305.99	58.1845	A	0.5

y = 2.3321E-004 * x + 0.0030
R = 1.0000
DL = 2.922
BEC = 12.93

Weight: <None>
Min Conc: 0

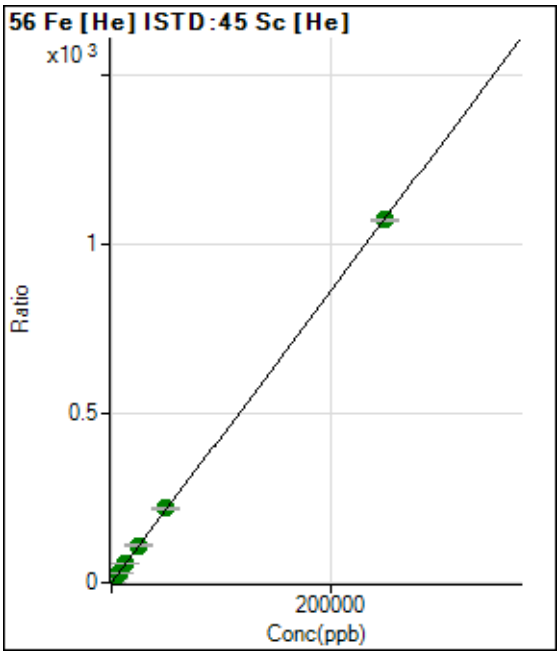
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.79	0.0010	P	5.8
2	☐	1.000	1.135	2641.37	0.0053	P	2.7
3	☐	500.000	522.269	978271.43	1.9721	P	0.9
4	☐	1250.000	1285.649	2357647.48	4.8533	A	0.7
5	☐	2500.000	2529.135	4517431.88	9.5465	A	0.9
6	☐	5000.000	5016.911	8766585.29	18.9359	A	0.3
7	☐	10000.000	9978.691	17944900.43	37.6627	A	0.7
8	☐			9471.95	0.0203	P	1.1

y = 0.0038 * x + 9.8195E-004
R = 1.0000
DL = 0.04527
BEC = 0.2602

Weight: <None>
Min Conc: 0

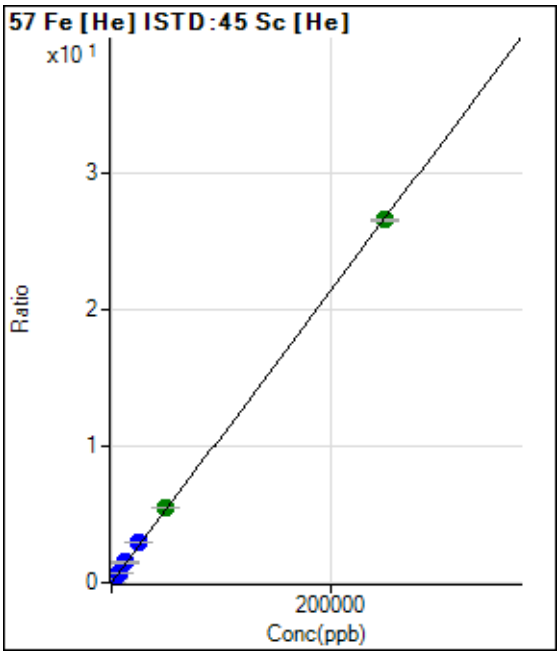


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14963.08	0.0295	P	1.2
2	☐	50.000	53.813	130660.46	0.2605	P	0.4
3	☐	2500.000	2621.193	5594763.18	11.2787	A	0.9
4	☐	6250.000	6576.330	13723996.19	28.2527	A	2.1
5	☐	12500.000	13061.368	26538516.27	56.0840	A	0.8
6	☐	25000.000	25777.873	51230386.46	110.6585	A	0.4
7	☐	50000.000	51067.717	104435912.8	219.1931	A	0.9
8	☐	250000.00	249671.23	500737161.4	1,071.525	A	0.4

y = 0.0043 * x + 0.0295
R = 1.0000
DL = 0.2378
BEC = 6.876

Weight: <None>
Min Conc: 0

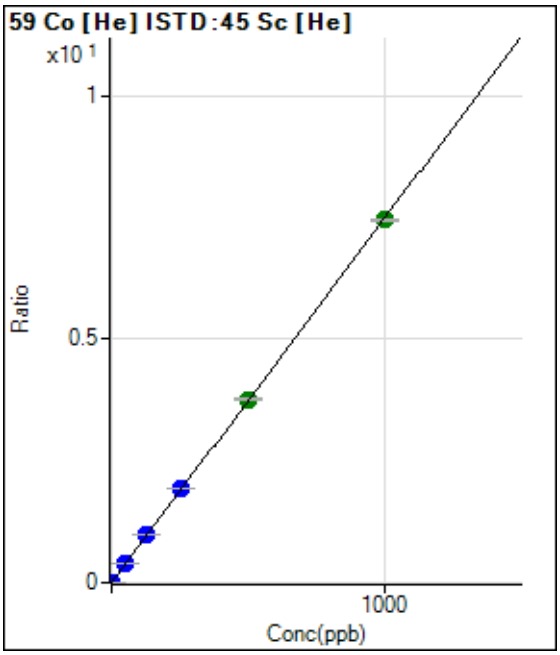
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1158.95	0.0023	P	2.5
2	☐	50.000	54.494	4062.81	0.0081	P	3.7
3	☐	2500.000	2802.062	149389.64	0.3012	P	0.9
4	☐	6250.000	7024.280	365056.92	0.7515	P	2.0
5	☐	12500.000	13896.207	702454.98	1.4845	P	0.6
6	☐	25000.000	27456.486	1356826.26	2.9309	P	0.9
7	☐	50000.000	51765.676	2631753.96	5.5237	A	1.3
8	☐	250000.00	249309.02	12427654.68	26.5942	A	0.7

y = 1.0666E-004 * x + 0.0023
R = 0.9999
DL = 1.603
BEC = 21.43

Weight: <None>
Min Conc: 0

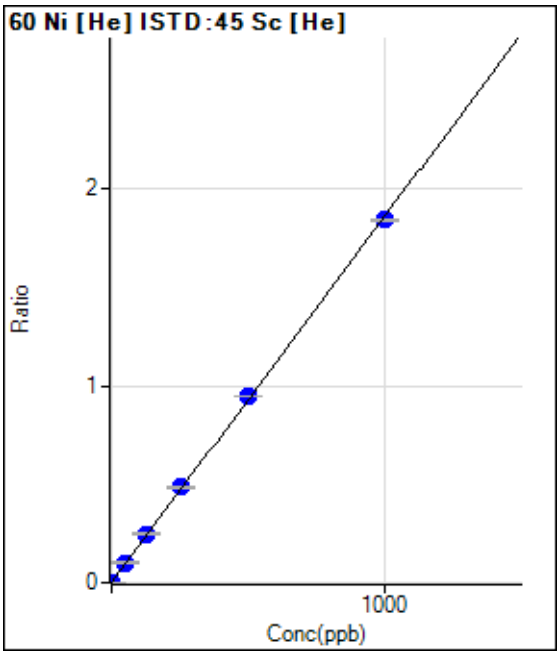


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.00	0.0003	P	11.5
2	☐	1.000	1.072	4147.28	0.0083	P	3.2
3	☐	50.000	52.473	194638.92	0.3924	P	0.6
4	☐	125.000	130.931	475426.34	0.9787	P	0.8
5	☐	250.000	256.672	907746.21	1.9183	P	0.4
6	☐	500.000	502.854	1739786.29	3.7580	A	0.9
7	☐	1000.000	996.040	3546492.79	7.4435	A	0.8
8	☐			9497.52	0.0203	P	0.3

y = 0.0075 * x + 2.5631E-004
R = 1.0000
DL = 0.01181
BEC = 0.0343

Weight: <None>
Min Conc: 0

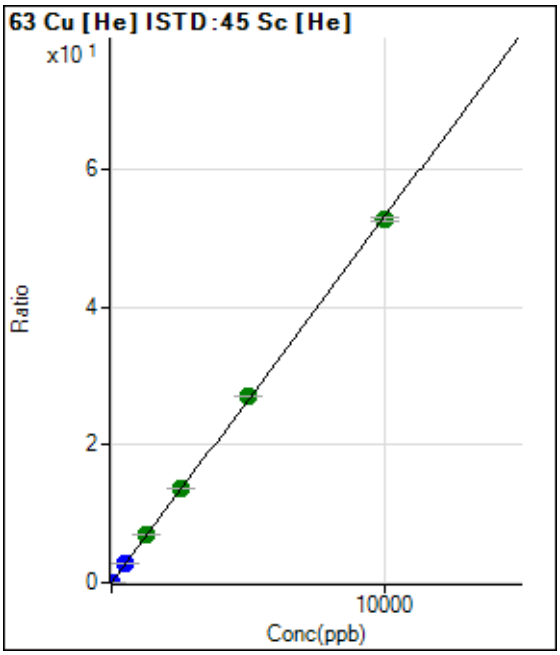
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.79	0.0010	P	8.9
2	☐	1.000	0.967	1394.52	0.0028	P	3.7
3	☐	50.000	54.271	50541.52	0.1019	P	2.0
4	☐	125.000	132.807	120426.24	0.2479	P	1.2
5	☐	250.000	260.573	229715.65	0.4855	P	0.7
6	☐	500.000	509.631	439117.44	0.9485	P	0.4
7	☐	1000.000	991.352	878667.00	1.8442	P	0.8
8	☐			4132.83	0.0088	P	2.3

y = 0.0019 * x + 9.8232E-004
R = 0.9999
DL = 0.1405
BEC = 0.5283

Weight: <None>
Min Conc: 0

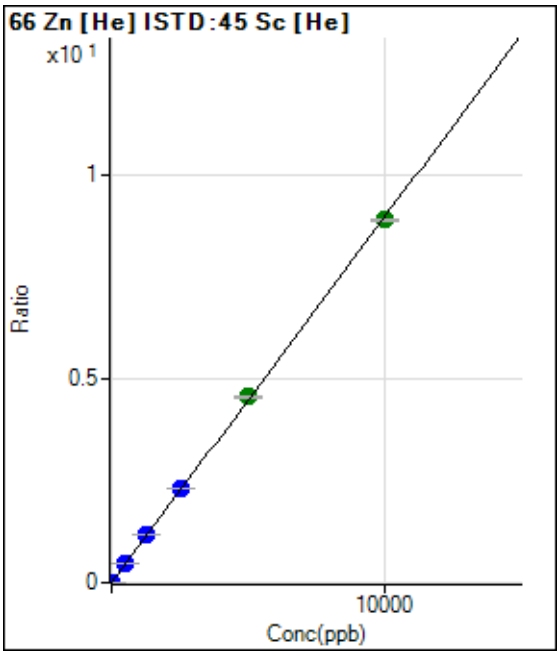


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	922.26	0.0018	P	1.1
2	☐	2.000	1.963	6143.54	0.0122	P	2.7
3	☐	500.000	532.213	1403599.46	2.8296	P	1.2
4	☐	1250.000	1324.521	3419436.72	7.0393	A	1.8
5	☐	2500.000	2579.622	6486641.50	13.7079	A	0.6
6	☐	5000.000	5105.058	12558405.92	27.1262	A	0.4
7	☐	10000.000	9916.640	25105021.57	52.6912	A	0.9
8	☐			5727.82	0.0123	P	2.3

y = 0.0053 * x + 0.0018
R = 0.9999
DL = 0.01145
BEC = 0.3423

Weight: <None>
Min Conc: 0

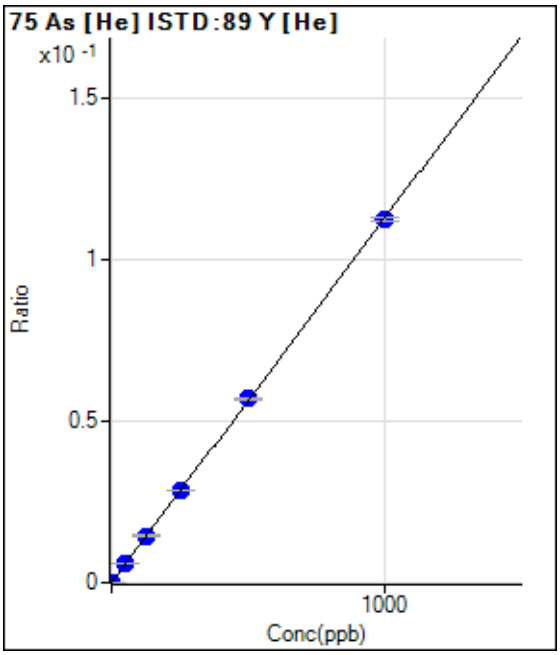
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	476.68	0.0009	P	6.6
2	☐	5.000	5.118	2774.73	0.0055	P	5.1
3	☐	500.000	526.362	234700.24	0.4731	P	0.6
4	☐	1250.000	1308.592	570728.46	1.1749	P	1.0
5	☐	2500.000	2588.043	1099074.26	2.3227	P	0.4
6	☐	5000.000	5082.204	2111116.01	4.5602	A	0.8
7	☐	10000.000	9928.245	4244060.39	8.9075	A	0.8
8	☐			2122.39	0.0045	P	2.4

y = 8.9709E-004 * x + 9.4041E-004
R = 0.9999
DL = 0.2075
BEC = 1.048

Weight: <None>
Min Conc: 0

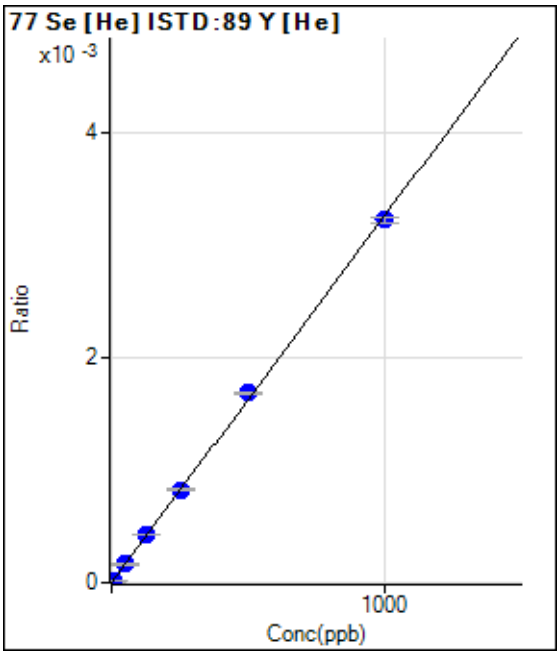


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	1.1
2	☐	1.000	1.107	367.78	0.0001	P	17.7
3	☐	50.000	52.974	17164.47	0.0060	P	0.7
4	☐	125.000	128.872	41484.51	0.0145	P	2.5
5	☐	250.000	254.478	80683.16	0.0287	P	0.3
6	☐	500.000	504.573	156689.99	0.0569	P	0.3
7	☐	1000.000	995.961	319423.26	0.1123	P	1.0
8	☐			178.89	0.0001	P	12.7

y = 1.1277E-004 * x + 1.1294E-006
R = 1.0000
DL = 0.0003294
BEC = 0.01002

Weight: <None>
Min Conc: 0

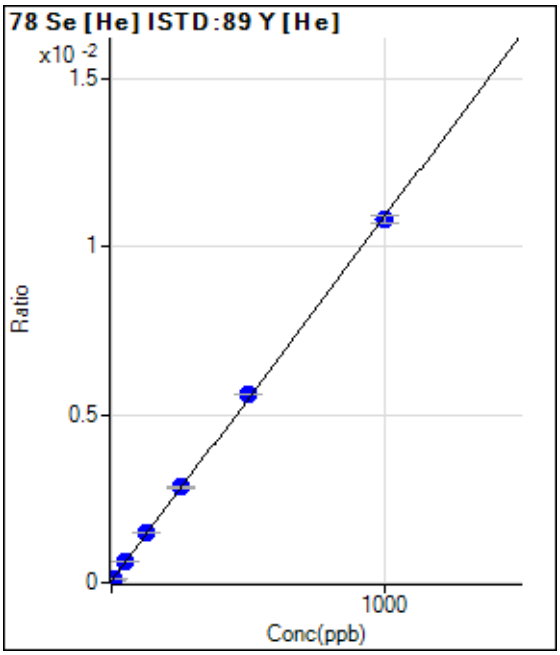
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.257	51.11	0.0000	P	20.2
3	☐	50.000	51.288	481.13	0.0002	P	6.6
4	☐	125.000	130.726	1216.73	0.0004	P	1.4
5	☐	250.000	253.117	2319.09	0.0008	P	2.2
6	☐	500.000	517.954	4647.44	0.0017	P	1.3
7	☐	1000.000	989.462	9169.57	0.0032	P	1.3
8	☐			4.45	0.0000	P	86.6

y = 3.2578E-006 * x + 3.7233E-007
R = 0.9997
DL = 0.5939
BEC = 0.1143

Weight: <None>
Min Conc: 0

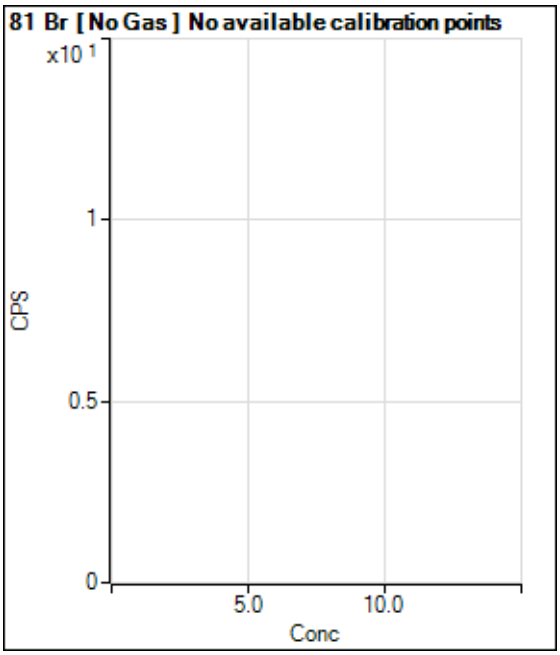


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0001	P	16.3
2	☐	5.000	5.195	318.89	0.0001	P	11.9
3	☐	50.000	53.460	1816.80	0.0006	P	5.1
4	☐	125.000	133.514	4282.88	0.0015	P	1.2
5	☐	250.000	258.704	8034.47	0.0029	P	1.9
6	☐	500.000	511.033	15402.54	0.0056	P	0.4
7	☐	1000.000	991.069	30708.48	0.0108	P	2.2
8	☐			160.00	0.0001	P	15.3

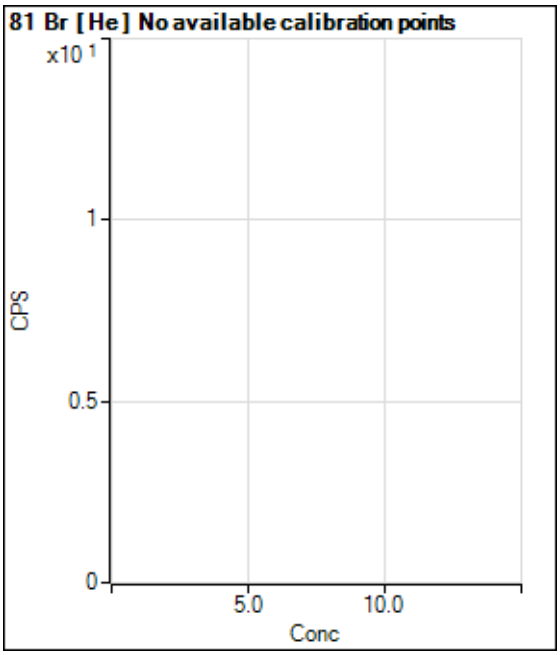
y = 1.0842E-005 * x + 5.2744E-005
R = 0.9998
DL = 2.386
BEC = 4.865

Weight: <None>
Min Conc: 0

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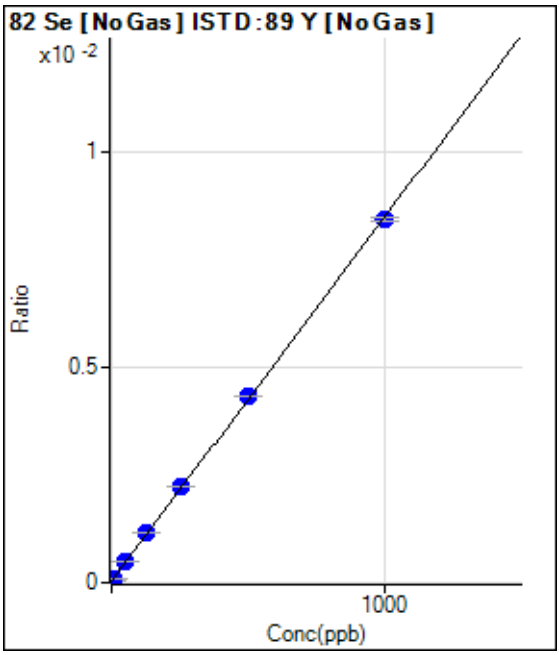


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7757.66		P	2.6
2	☐			7716.52		P	1.5
3	☐			7683.17		P	2.6
4	☐			7255.17		P	2.2
5	☐			7075.08		P	1.4
6	☐			6505.94		P	2.0
7	☐			6752.72		P	2.4
8	☐			7405.25		P	2.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			51.11		P	16.4
2	☐			36.66		P	15.7
3	☐			37.78		P	39.8
4	☐			38.89		P	9.9
5	☐			40.00		P	14.4
6	☐			50.00		P	40.0
7	☐			37.78		P	35.7
8	☐			48.89		P	21.9

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	472.73	0.0000	P	5.9
2	☐	5.000	5.679	1050.67	0.0001	P	0.5
3	☐	50.000	52.720	5811.28	0.0005	P	0.9
4	☐	125.000	132.211	13753.73	0.0012	P	1.5
5	☐	250.000	259.609	26417.80	0.0022	P	1.0
6	☐	500.000	507.722	50325.24	0.0043	P	0.1
7	☐	1000.000	992.696	100393.32	0.0084	P	1.1
8	☐			565.53	0.0001	P	7.6

y = 8.4287E-006 * x + 3.8982E-005

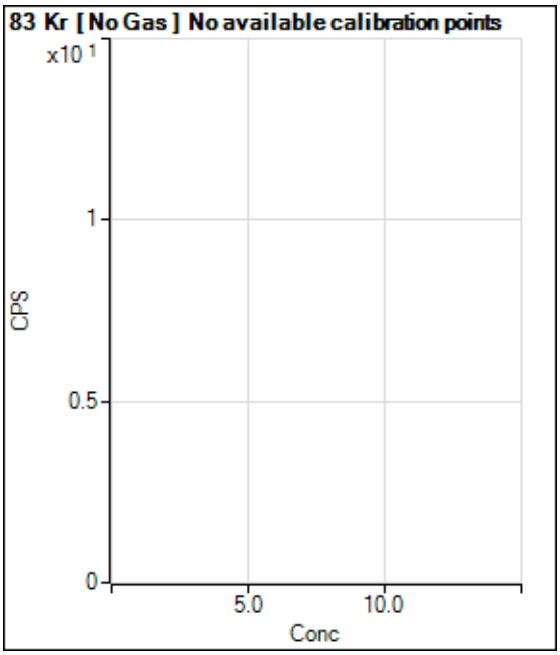
R = 0.9999

DL = 0.8125

BEC = 4.625

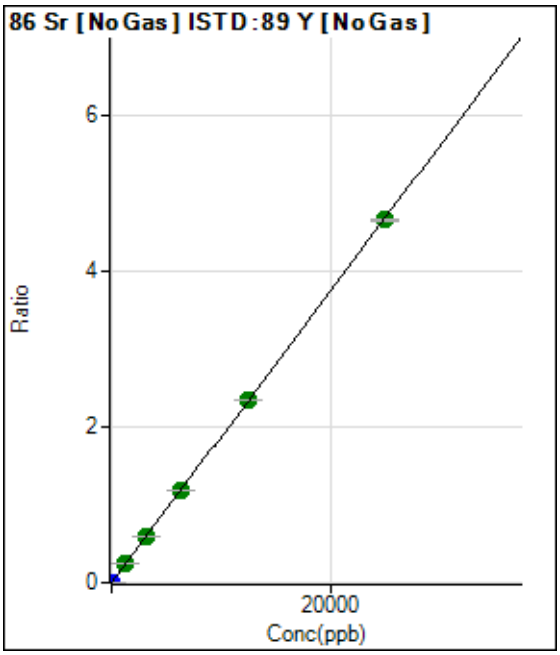
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			132.22		P	16.2
2	☐			122.22		P	25.9
3	☐			127.78		P	6.6
4	☐			117.78		P	22.0
5	☐			110.00		P	16.0
6	☐			133.33		P	6.6
7	☐			128.89		P	9.8
8	☐			148.89		P	9.3

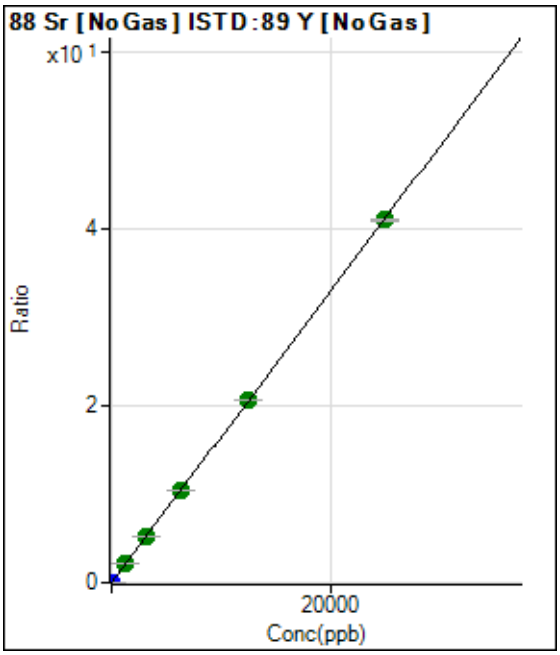
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	220.00	0.0000	P	8.4
2	☐	1.000	1.009	2496.90	0.0002	P	3.6
3	☐	1250.000	1283.854	2879423.11	0.2395	A	0.3
4	☐	3125.000	3190.972	7098469.76	0.5952	A	0.8
5	☐	6250.000	6326.242	13997965.49	1.1801	A	0.6
6	☐	12500.000	12573.912	27333273.20	2.3455	A	0.6
7	☐	25000.000	24934.044	55548329.17	4.6511	A	0.7
8	☐			8535.90	0.0008	P	2.4

y = 1.8653E-004 * x + 1.8146E-005
R = 1.0000
DL = 0.02437
BEC = 0.09728

Weight: <None>
Min Conc: 0

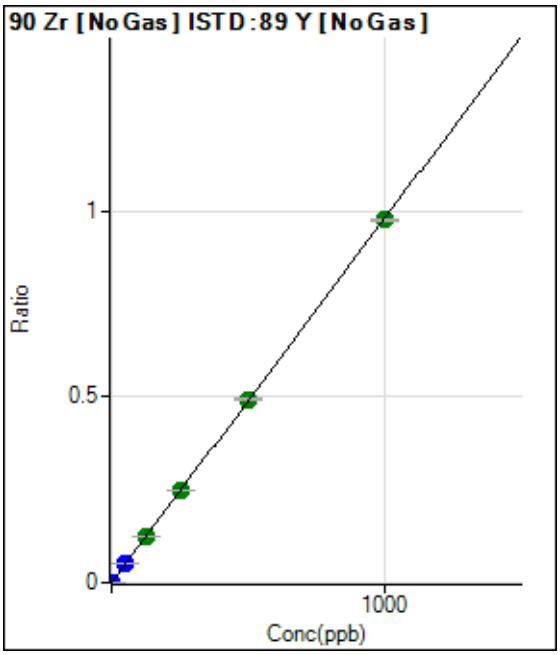


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	250.00	0.0000	P	10.0
2	☐	1.000	0.987	19879.06	0.0016	P	2.3
3	☐	1250.000	1273.963	25181410.73	2.0945	A	0.4
4	☐	3125.000	3196.454	62670813.51	5.2553	A	1.0
5	☐	6250.000	6328.398	123417568.1	10.4046	A	0.4
6	☐	12500.000	12530.683	240085736.4	20.6018	A	0.1
7	☐	25000.000	24954.929	489999628.2	41.0285	A	0.8
8	☐			73557.04	0.0067	P	4.5

y = 0.0016 * x + 2.0605E-005
R = 1.0000
DL = 0.00377
BEC = 0.01253

Weight: <None>
Min Conc: 0

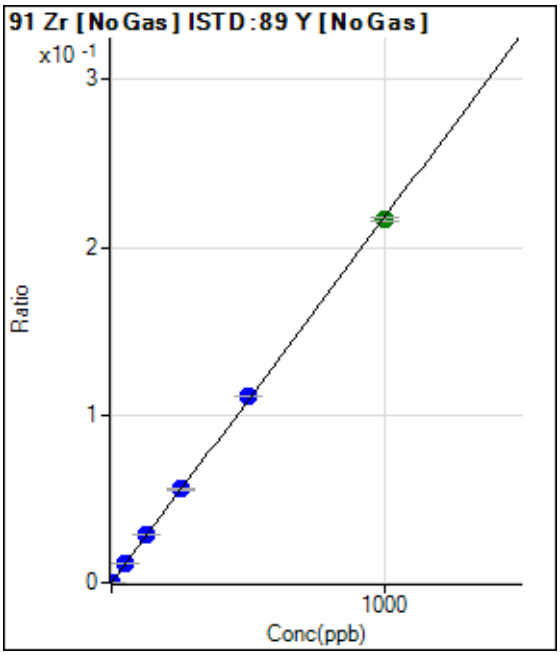
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	631.13	0.0001	P	5.6
2	☐	1.000	0.970	12134.00	0.0010	P	0.9
3	☐	50.000	51.095	602778.45	0.0501	P	0.5
4	☐	125.000	127.902	1495782.96	0.1254	A	0.7
5	☐	250.000	253.808	2951835.55	0.2488	A	1.2
6	☐	500.000	503.691	5754494.71	0.4938	A	0.6
7	☐	1000.000	996.785	11670492.05	0.9772	A	0.8
8	☐			7296.32	0.0007	P	3.3

y = 9.8026E-004 * x + 5.2020E-005
R = 1.0000
DL = 0.008939
BEC = 0.05307

Weight: <None>
Min Conc: 0

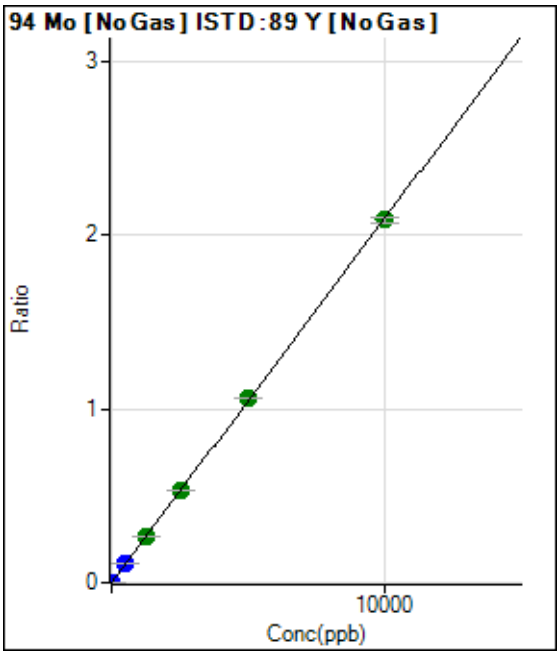


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.67	0.0000	P	14.0
2	☐	1.000	0.948	2633.60	0.0002	P	3.8
3	☐	50.000	51.506	134982.59	0.0112	P	0.8
4	☐	125.000	129.274	335865.94	0.0282	P	0.5
5	☐	250.000	255.551	660278.69	0.0557	P	0.3
6	☐	500.000	509.806	1293959.30	0.1110	P	0.5
7	☐	1000.000	993.100	2583129.30	0.2163	A	1.0
8	☐			1584.55	0.0001	P	2.8

y = 2.1778E-004 * x + 1.1272E-005
R = 0.9999
DL = 0.02172
BEC = 0.05176

Weight: <None>
Min Conc: 0

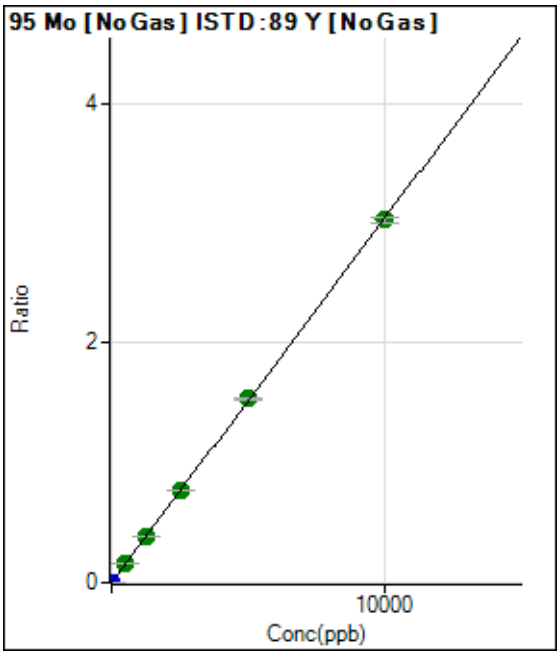
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	358.90	0.0000	P	5.5
2	☐	5.000	5.486	14239.23	0.0012	P	1.5
3	☐	500.000	512.566	1289406.84	0.1073	P	0.7
4	☐	1250.000	1280.401	3194432.66	0.2679	A	1.0
5	☐	2500.000	2517.606	6247379.70	0.5267	A	0.3
6	☐	5000.000	5047.243	12304464.96	1.0558	A	0.0
7	☐	10000.000	9967.548	24901858.80	2.0851	A	1.6
8	☐			7107.35	0.0006	P	7.6

y = 2.0919E-004 * x + 2.9588E-005
R = 1.0000
DL = 0.02351
BEC = 0.1414

Weight: <None>
Min Conc: 0

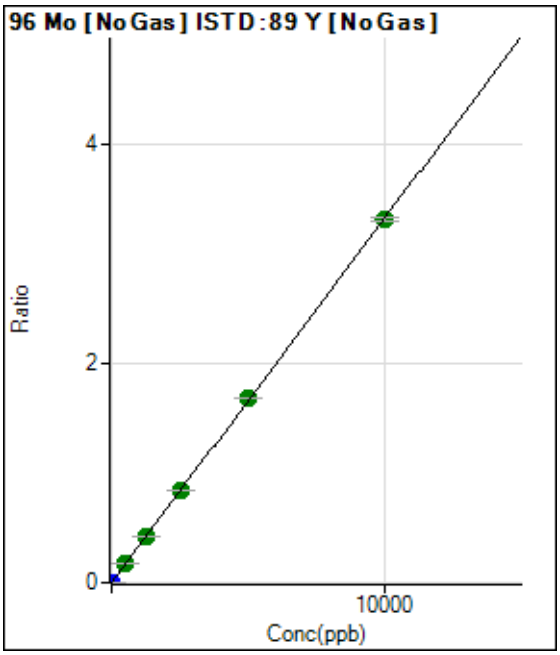


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.01	0.0000	P	9.0
2	☐	5.000	4.637	17357.05	0.0014	P	0.3
3	☐	500.000	512.498	1873615.70	0.1559	A	1.3
4	☐	1250.000	1278.224	4635157.46	0.3887	A	0.9
5	☐	2500.000	2525.813	9110157.36	0.7680	A	0.9
6	☐	5000.000	5052.042	17901529.18	1.5361	A	0.6
7	☐	10000.000	9963.373	36180245.01	3.0295	A	1.4
8	☐			7229.63	0.0007	P	7.4

y = 3.0406E-004 * x + 2.4724E-005
R = 1.0000
DL = 0.02193
BEC = 0.08131

Weight: <None>
Min Conc: 0

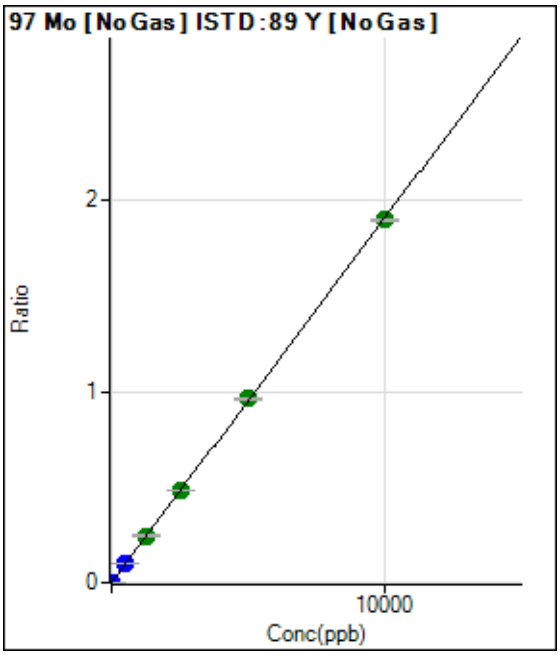
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	387.79	0.0000	P	8.1
2	☐	5.000	4.711	19352.86	0.0016	P	1.3
3	☐	500.000	514.334	2058160.07	0.1712	A	1.2
4	☐	1250.000	1286.749	5106659.37	0.4282	A	1.1
5	☐	2500.000	2519.136	9944085.34	0.8383	A	0.3
6	☐	5000.000	5055.028	19603586.65	1.6822	A	0.4
7	☐	10000.000	9962.392	39593614.97	3.3152	A	1.0
8	☐			15047.87	0.0014	P	5.7

y = 3.3277E-004 * x + 3.1961E-005
R = 1.0000
DL = 0.02326
BEC = 0.09605

Weight: <None>
Min Conc: 0

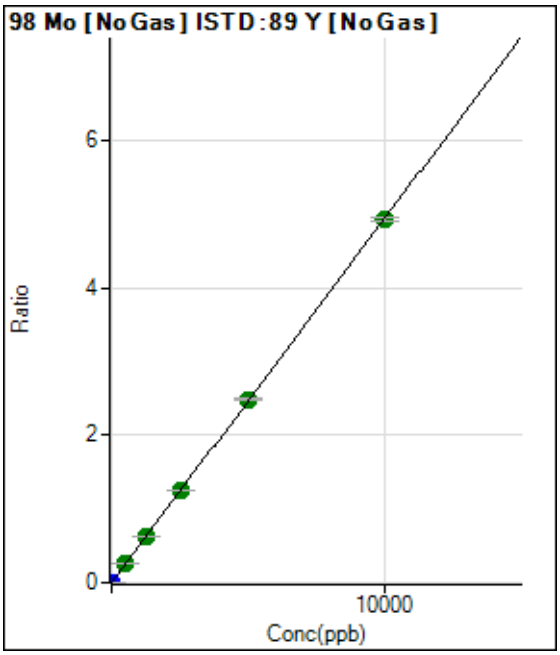


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	182.23	0.0000	P	10.4
2	☐	5.000	4.652	10917.48	0.0009	P	0.6
3	☐	500.000	512.539	1175517.66	0.0978	P	0.7
4	☐	1250.000	1289.583	2933732.49	0.2460	A	0.8
5	☐	2500.000	2532.831	5731015.68	0.4831	A	0.6
6	☐	5000.000	5053.584	11233669.14	0.9640	A	0.8
7	☐	10000.000	9959.425	22688676.33	1.8998	A	0.8
8	☐			4571.87	0.0004	P	5.9

y = 1.9075E-004 * x + 1.5028E-005
R = 1.0000
DL = 0.02458
BEC = 0.07878

Weight: <None>
Min Conc: 0

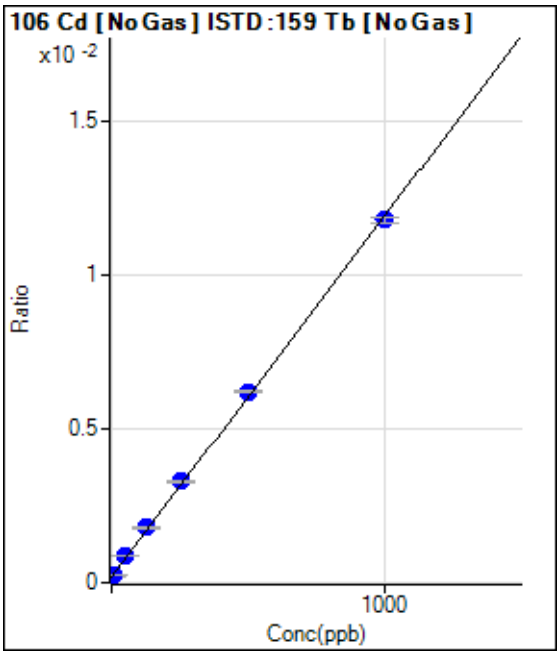
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	501.12	0.0000	P	6.7
2	☐	5.000	4.653	28345.33	0.0023	P	1.9
3	☐	500.000	509.549	3030895.16	0.2521	A	1.5
4	☐	1250.000	1277.788	7539113.84	0.6322	A	0.2
5	☐	2500.000	2518.109	14777490.75	1.2458	A	0.1
6	☐	5000.000	5044.006	29080390.12	2.4954	A	0.5
7	☐	10000.000	9969.519	58904510.23	4.9322	A	1.1
8	☐			11256.63	0.0010	P	5.5

y = 4.9472E-004 * x + 4.1310E-005
R = 1.0000
DL = 0.01669
BEC = 0.0835

Weight: <None>
Min Conc: 0

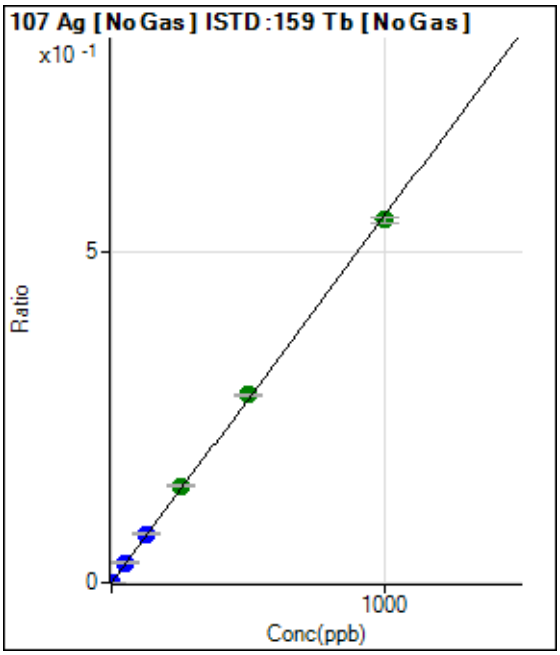


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3238.17	0.0002	P	1.0
2	☐	1.000	1.452	3486.01	0.0002	P	2.8
3	☐	50.000	56.014	13098.21	0.0009	P	2.2
4	☐	125.000	134.217	27101.99	0.0018	P	1.1
5	☐	250.000	262.426	50489.62	0.0033	P	1.0
6	☐	500.000	511.835	94185.84	0.0062	P	1.2
7	☐	1000.000	989.523	184538.24	0.0118	P	1.5
8	☐			3062.58	0.0002	P	3.6

y = 1.1678E-005 * x + 2.1530E-004
R = 0.9998
DL = 0.5368
BEC = 18.44

Weight: <None>
Min Conc: 0

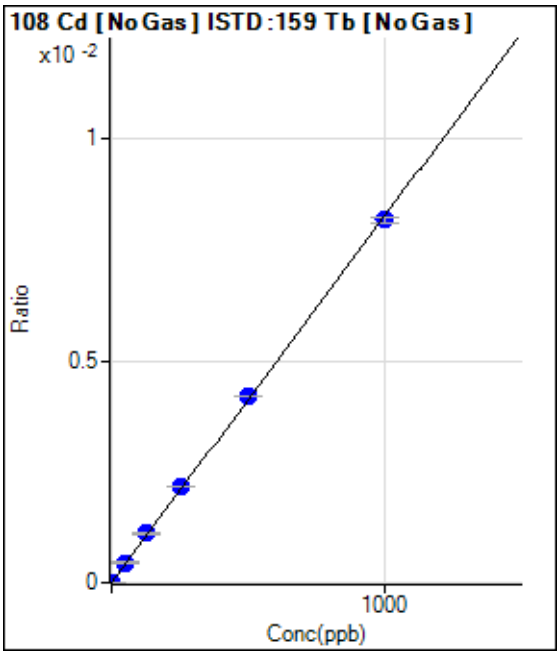
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0000	P	32.2
2	☐	1.000	1.009	8486.99	0.0006	P	0.6
3	☐	50.000	54.612	456507.15	0.0303	P	2.3
4	☐	125.000	133.543	1126637.88	0.0741	P	0.5
5	☐	250.000	264.574	2259967.66	0.1468	A	0.9
6	☐	500.000	512.231	4323100.74	0.2842	A	0.6
7	☐	1000.000	988.943	8602957.93	0.5488	A	1.3
8	☐			1470.09	0.0001	P	9.0

y = 5.5489E-004 * x + 5.3959E-006
R = 0.9998
DL = 0.009399
BEC = 0.009724

Weight: <None>
Min Conc: 0

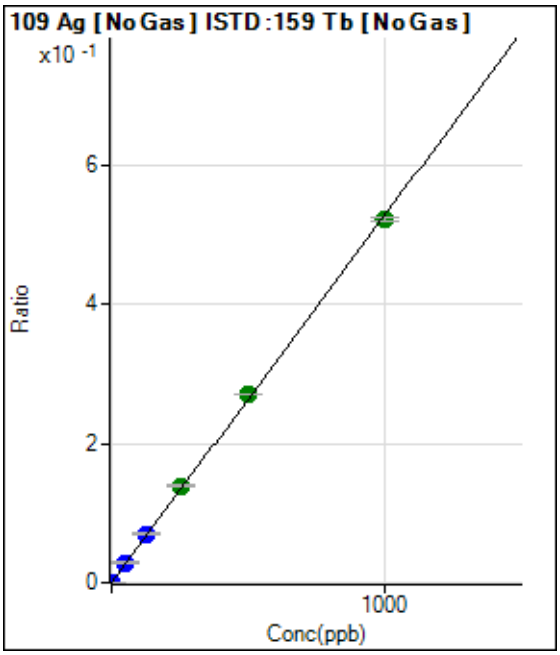


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	49.8
2	☐	1.000	1.122	145.56	0.0000	P	17.2
3	☐	50.000	54.888	6826.11	0.0005	P	3.0
4	☐	125.000	135.220	16965.59	0.0011	P	2.4
5	☐	250.000	263.167	33426.25	0.0022	P	0.7
6	☐	500.000	509.801	63970.16	0.0042	P	0.5
7	☐	1000.000	990.286	128078.09	0.0082	P	1.7
8	☐			64.44	0.0000	P	4.2

y = 8.2493E-006 * x + 4.4286E-007
R = 0.9998
DL = 0.08026
BEC = 0.05368

Weight: <None>
Min Conc: 0

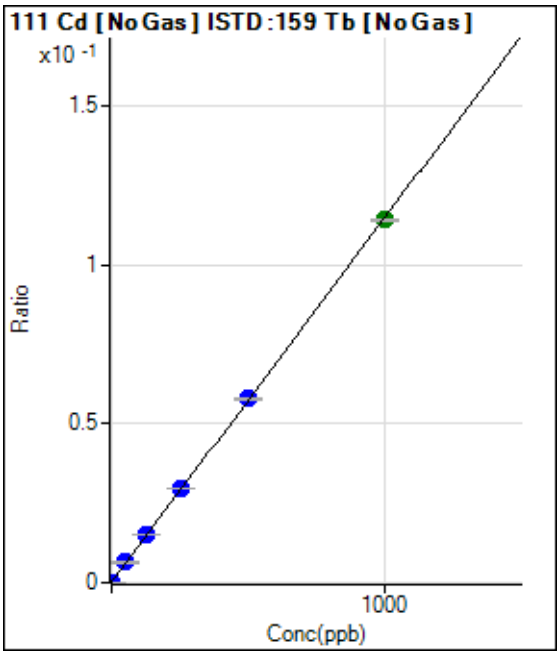
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.44	0.0000	P	14.7
2	☐	1.000	0.997	7915.57	0.0005	P	4.7
3	☐	50.000	54.757	434477.23	0.0288	P	1.8
4	☐	125.000	133.561	1069582.34	0.0704	P	0.4
5	☐	250.000	264.355	2143541.83	0.1392	A	1.1
6	☐	500.000	513.644	4115101.61	0.2706	A	0.2
7	☐	1000.000	988.282	8161026.61	0.5206	A	1.2
8	☐			1356.75	0.0001	P	12.2

y = 5.2674E-004 * x + 2.2899E-006
R = 0.9997
DL = 0.001914
BEC = 0.004347

Weight: <None>
Min Conc: 0

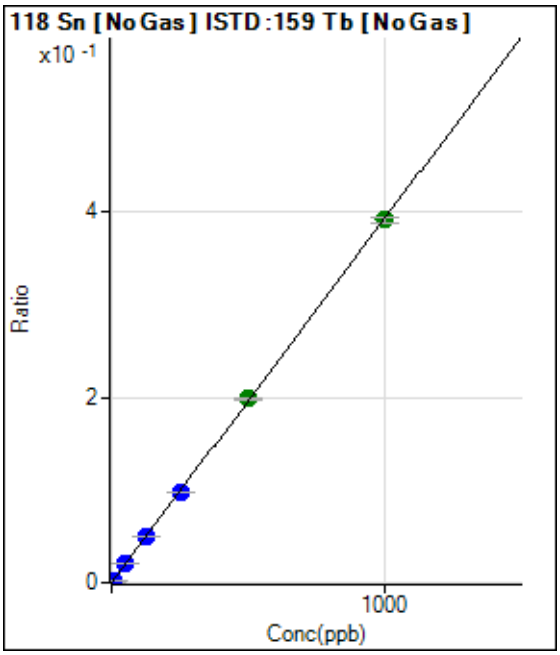


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2266.50	0.0002	P	0.9
2	☐	1.000	1.104	4159.56	0.0003	P	1.3
3	☐	50.000	54.259	95910.46	0.0064	P	1.1
4	☐	125.000	132.848	233687.00	0.0154	P	0.3
5	☐	250.000	256.224	454209.44	0.0295	P	0.7
6	☐	500.000	504.488	881386.38	0.0580	P	1.1
7	☐	1000.000	995.006	1789566.56	0.1141	A	0.7
8	☐			2400.92	0.0002	P	3.5

y = 1.1457E-004 * x + 1.5069E-004
R = 0.9999
DL = 0.03626
BEC = 1.315

Weight: <None>
Min Conc: 0

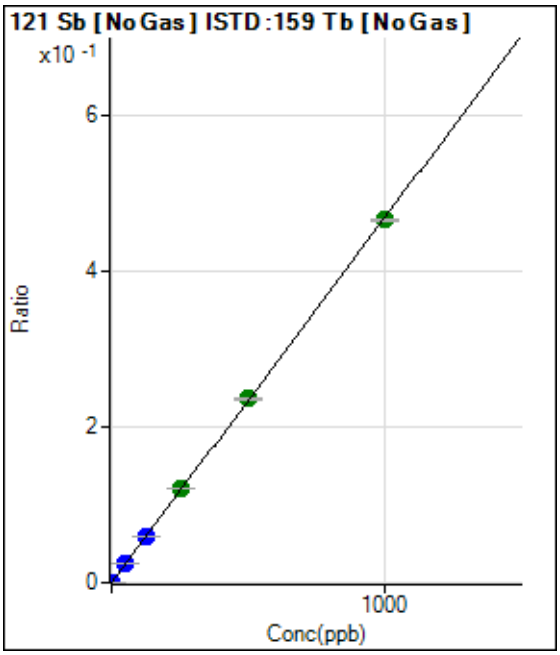
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	893.37	0.0001	P	5.1
2	☐	5.000	4.848	29431.23	0.0020	P	0.4
3	☐	50.000	51.579	305621.32	0.0203	P	1.1
4	☐	125.000	126.600	755780.22	0.0497	P	0.1
5	☐	250.000	247.700	1496349.18	0.0972	P	1.0
6	☐	500.000	506.386	3021603.91	0.1987	A	1.3
7	☐	1000.000	997.104	6131762.62	0.3911	A	1.3
8	☐			7171.86	0.0005	P	6.3

y = 3.9221E-004 * x + 5.9403E-005
R = 1.0000
DL = 0.02338
BEC = 0.1515

Weight: <None>
Min Conc: 0

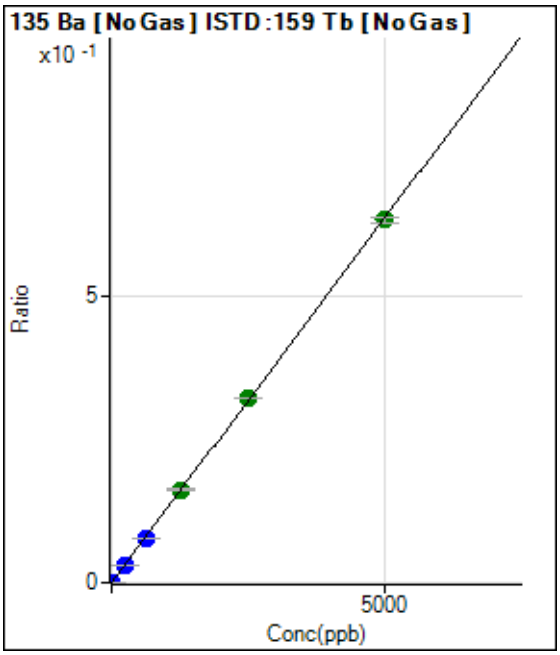


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.34	0.0000	P	33.0
2	☐	2.000	2.011	14247.15	0.0009	P	3.0
3	☐	50.000	51.105	361030.08	0.0240	P	1.8
4	☐	125.000	126.542	902157.31	0.0593	P	0.5
5	☐	250.000	257.100	1855905.68	0.1206	A	0.3
6	☐	500.000	505.589	3605790.33	0.2371	A	0.8
7	☐	1000.000	995.183	7315806.56	0.4666	A	0.8
8	☐			5522.22	0.0004	P	10.0

y = 4.6890E-004 * x + 6.2096E-006
R = 0.9999
DL = 0.01312
BEC = 0.01324

Weight: <None>
Min Conc: 0

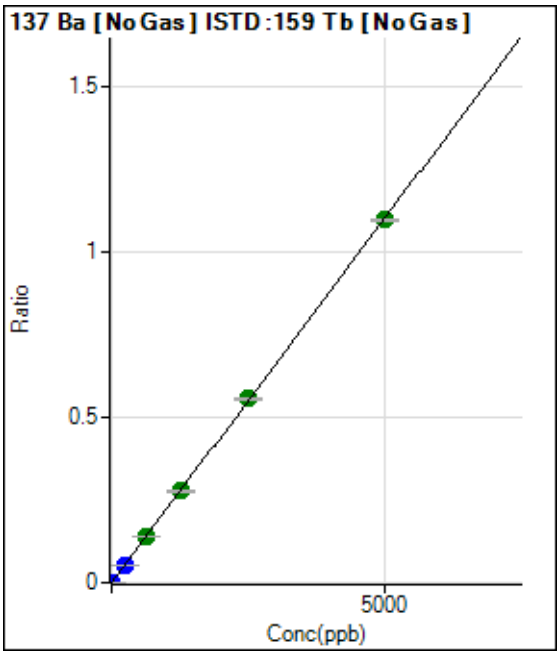
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.33	0.0000	P	13.4
2	☐	10.000	9.630	18414.20	0.0012	P	1.7
3	☐	250.000	248.429	474939.83	0.0315	P	1.2
4	☐	625.000	616.783	1189968.20	0.0783	P	0.4
5	☐	1250.000	1274.086	2488790.36	0.1617	A	1.2
6	☐	2500.000	2532.339	4887605.83	0.3214	A	0.7
7	☐	5000.000	4978.915	9904966.73	0.6318	A	1.5
8	☐			3848.34	0.0003	P	5.5

y = 1.2690E-004 * x + 4.8746E-006
R = 1.0000
DL = 0.01547
BEC = 0.03841

Weight: <None>
Min Conc: 0

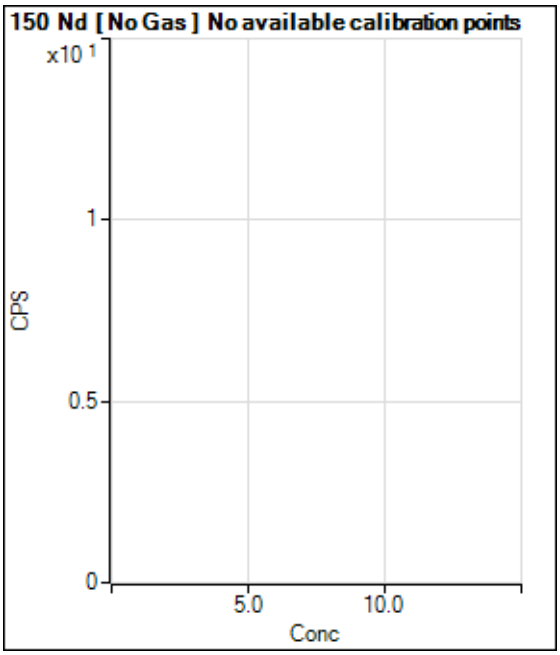


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	148.89	0.0000	P	9.9
2	☐	10.000	9.432	31341.20	0.0021	P	1.1
3	☐	250.000	248.406	824648.29	0.0547	P	1.3
4	☐	625.000	641.686	2149813.54	0.1414	A	0.2
5	☐	1250.000	1261.413	4278542.89	0.2780	A	1.9
6	☐	2500.000	2524.318	8460280.85	0.5563	A	0.7
7	☐	5000.000	4982.983	17214323.63	1.0980	A	0.8
8	☐			6440.41	0.0005	P	5.5

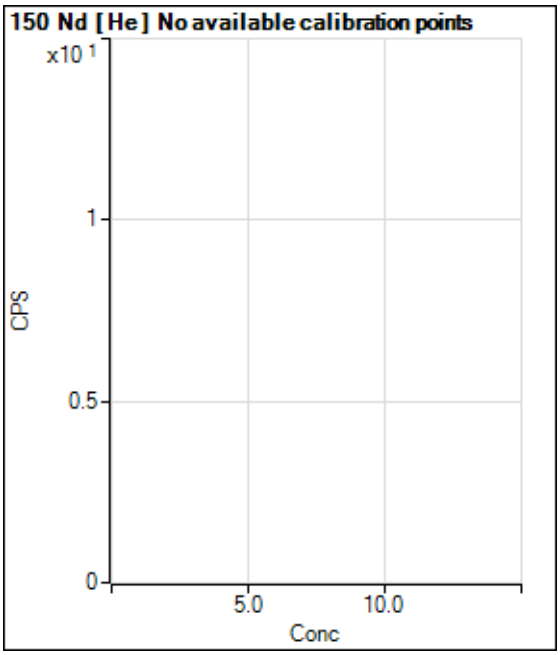
y = 2.2035E-004 * x + 9.8980E-006
R = 1.0000
DL = 0.0133
BEC = 0.04492

Weight: <None>
Min Conc: 0

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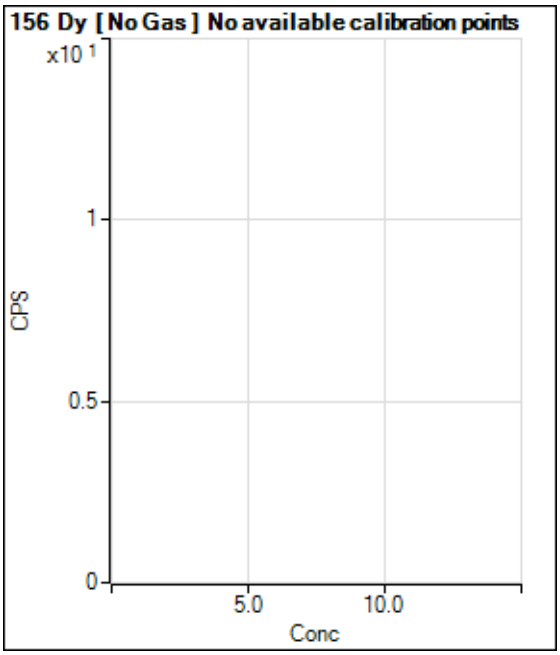


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16.67		P	20.0
2	☐			10.00		P	88.2
3	☐			43.33		P	27.7
4	☐			80.00		P	20.8
5	☐			155.56		P	12.6
6	☐			265.56		P	16.6
7	☐			538.90		P	4.5
8	☐			164.45		P	4.2

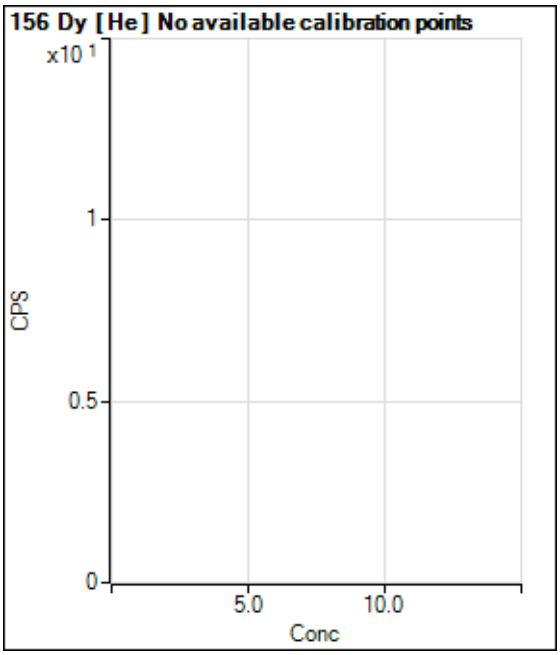


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10.00		P	66.7
2	☐			5.56		P	34.7
3	☐			12.22		P	15.7
4	☐			17.78		P	10.8
5	☐			28.89		P	43.7
6	☐			44.44		P	18.9
7	☐			121.11		P	7.9
8	☐			104.44		P	21.2

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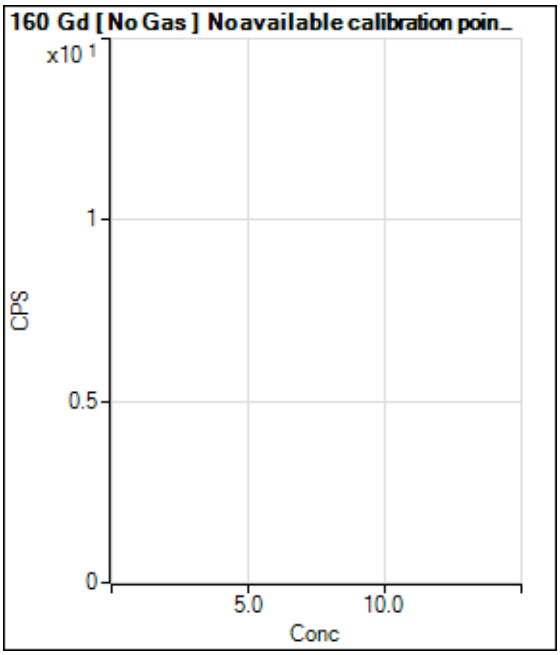


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			24.44		P	88.7
2	☐			26.67		P	50.0
3	☐			26.67		P	12.5
4	☐			40.00		P	25.0
5	☐			60.00		P	40.1
6	☐			91.11		P	5.6
7	☐			173.33		P	8.8
8	☐			302.23		P	14.6

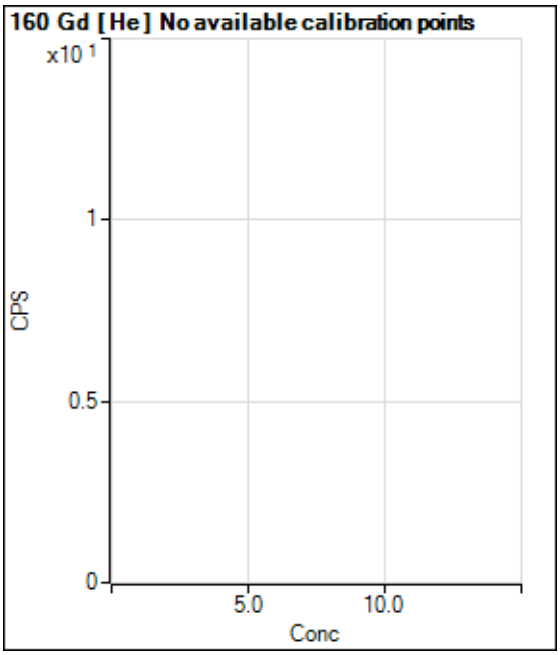


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			14.45		P	93.2
2	☐			10.00		P	57.7
3	☐			27.78		P	30.2
4	☐			67.78		P	32.0
5	☐			132.23		P	16.8
6	☐			196.67		P	8.8
7	☐			441.12		P	11.0
8	☐			246.67		P	12.4

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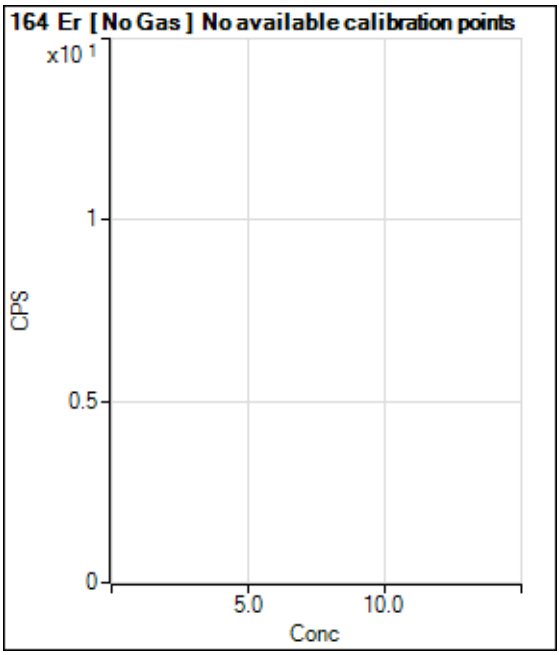


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			64.45		P	20.9
2	☐			66.67		P	5.0
3	☐			71.11		P	19.5
4	☐			76.67		P	15.1
5	☐			73.33		P	38.8
6	☐			106.67		P	11.3
7	☐			150.00		P	9.7
8	☐			295.56		P	5.6

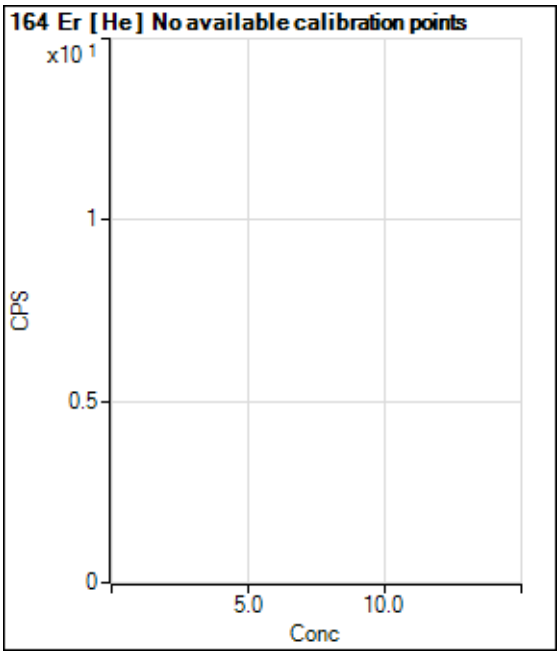


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			495.57		P	9.0
2	☐			576.69		P	0.6
3	☐			483.35		P	6.2
4	☐			528.90		P	5.7
5	☐			527.79		P	4.8
6	☐			532.24		P	3.0
7	☐			513.35		P	2.3
8	☐			630.02		P	7.0

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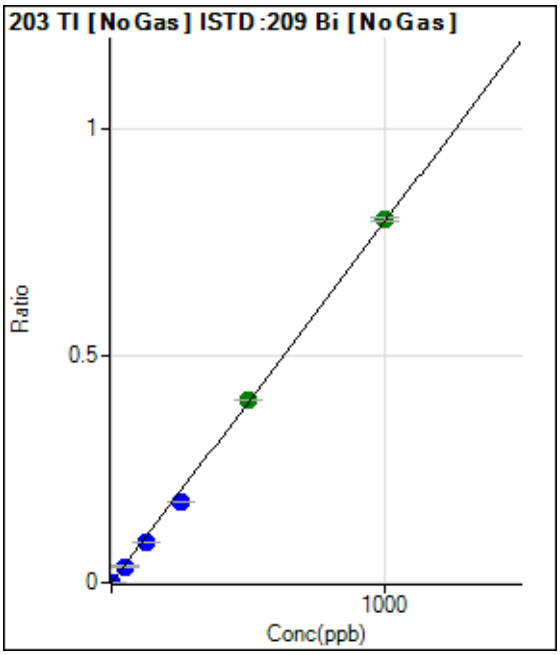


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			101.11		P	20.9
2	☐			115.56		P	9.3
3	☐			107.78		P	17.0
4	☐			110.00		P	8.0
5	☐			122.22		P	12.9
6	☐			126.67		P	38.8
7	☐			186.67		P	13.5
8	☐			272.23		P	7.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			74.45		P	21.2
2	☐			55.55		P	6.9
3	☐			53.33		P	25.0
4	☐			68.89		P	19.5
5	☐			86.67		P	10.2
6	☐			82.22		P	13.0
7	☐			121.12		P	11.1
8	☐			216.67		P	7.0

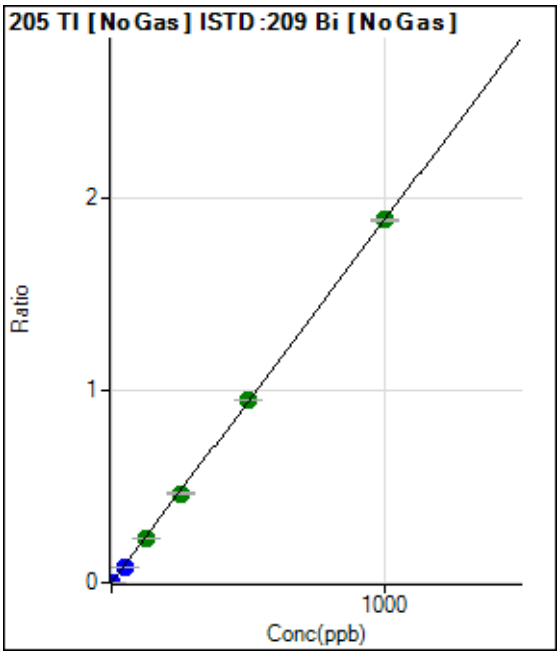
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.55	0.0000	P	11.8
2	☐	1.000	0.840	6063.63	0.0007	P	2.1
3	☐	50.000	45.253	322703.71	0.0360	P	1.3
4	☐	125.000	111.811	811407.76	0.0889	P	0.9
5	☐	250.000	225.022	1630398.81	0.1788	P	0.8
6	☐	500.000	505.807	3632468.21	0.4019	A	0.8
7	☐	1000.000	1005.227	7401209.06	0.7988	A	1.0
8	☐			807.81	0.0001	P	11.3

y = 7.9461E-004 * x + 3.9279E-006
R = 0.9996
DL = 0.001754
BEC = 0.004943

Weight: <None>
Min Conc: 0

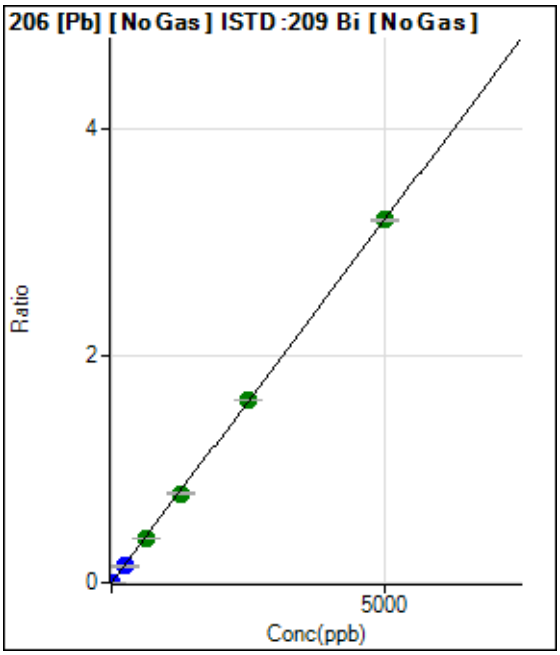


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.78	0.0000	P	14.3
2	☐	1.000	0.839	14416.63	0.0016	P	1.9
3	☐	50.000	44.770	758988.84	0.0846	P	1.1
4	☐	125.000	122.983	2121556.36	0.2323	A	1.3
5	☐	250.000	245.966	4236318.55	0.4646	A	1.2
6	☐	500.000	502.452	8577915.22	0.9491	A	0.5
7	☐	1000.000	1000.296	17506086.13	1.8895	A	0.6
8	☐			1973.50	0.0003	P	8.4

y = 0.0019 * x + 1.1899E-005
R = 1.0000
DL = 0.002701
BEC = 0.006299

Weight: <None>
Min Conc: 0

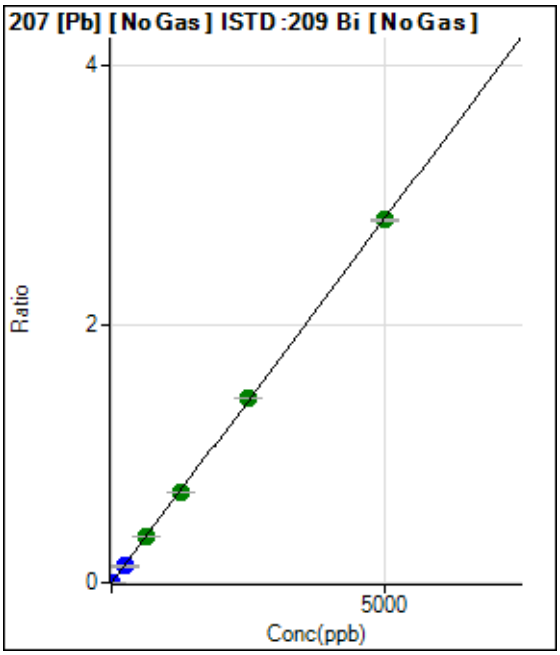
Reviewed By:mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	292.23	0.0000	P	7.8
2	☐	1.000	0.853	5226.63	0.0006	P	2.6
3	☐	250.000	226.751	1303028.44	0.1452	P	1.4
4	☐	625.000	619.166	3620718.18	0.3965	A	0.7
5	☐	1250.000	1231.237	7188092.74	0.7884	A	1.2
6	☐	2500.000	2511.039	14531000.89	1.6078	A	0.4
7	☐	5000.000	5001.063	29668103.17	3.2021	A	0.2
8	☐			7363.18	0.0010	P	6.5

y = 6.4027E-004 * x + 3.2243E-005
R = 1.0000
DL = 0.01185
BEC = 0.05036

Weight: <None>
Min Conc: 0

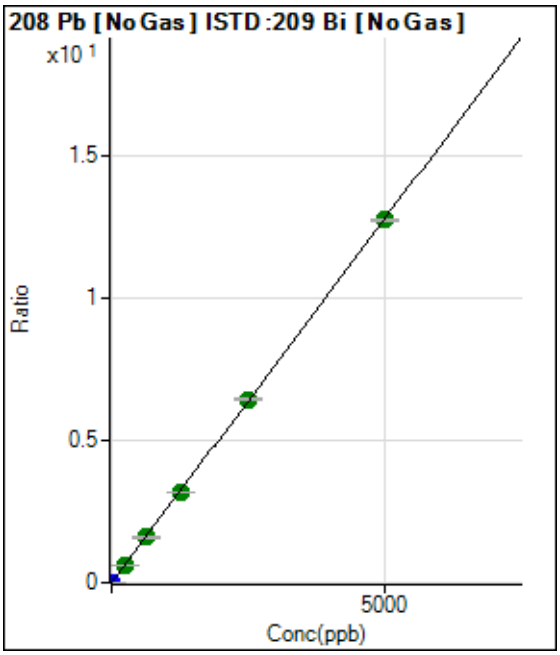


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.67	0.0000	P	8.7
2	☐	1.000	0.855	4613.04	0.0005	P	1.7
3	☐	250.000	225.331	1138603.75	0.1269	P	1.3
4	☐	625.000	628.142	3229801.27	0.3537	A	1.1
5	☐	1250.000	1247.177	6402550.18	0.7022	A	0.4
6	☐	2500.000	2529.684	12871674.39	1.4242	A	0.3
7	☐	5000.000	4986.704	26012191.00	2.8075	A	0.2
8	☐			6278.18	0.0008	P	9.3

y = 5.6299E-004 * x + 2.9453E-005
R = 1.0000
DL = 0.01358
BEC = 0.05232

Weight: <None>
Min Conc: 0

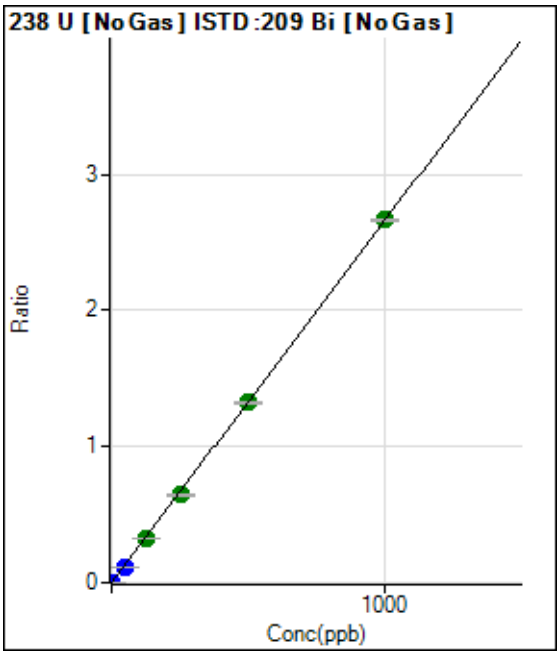
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1306.71	0.0001	P	2.7
2	☐	1.000	0.865	21274.59	0.0024	P	1.1
3	☐	250.000	239.789	5503527.83	0.6133	A	1.2
4	☐	625.000	622.414	14536515.51	1.5918	A	0.9
5	☐	1250.000	1241.373	28945345.89	3.1745	A	0.8
6	☐	2500.000	2525.548	58370088.16	6.4584	A	0.4
7	☐	5000.000	4990.217	118234876.5	12.7609	A	0.2
8	☐			29181.46	0.0038	P	6.1

y = 0.0026 * x + 1.4424E-004
R = 1.0000
DL = 0.004649
BEC = 0.05641

Weight: <None>
Min Conc: 0

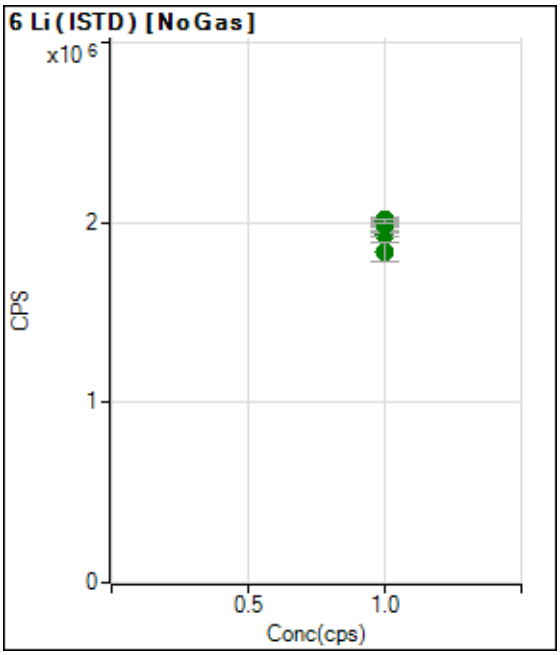


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	25.9
2	☐	1.000	0.781	18777.79	0.0021	P	1.9
3	☐	50.000	42.061	1003066.12	0.1118	P	1.6
4	☐	125.000	120.555	2925936.28	0.3204	A	0.6
5	☐	250.000	242.685	5880737.34	0.6450	A	0.9
6	☐	500.000	499.111	11988487.18	1.3264	A	1.1
7	☐	1000.000	1003.226	24702618.24	2.6662	A	0.5
8	☐			1098.95	0.0001	P	11.8

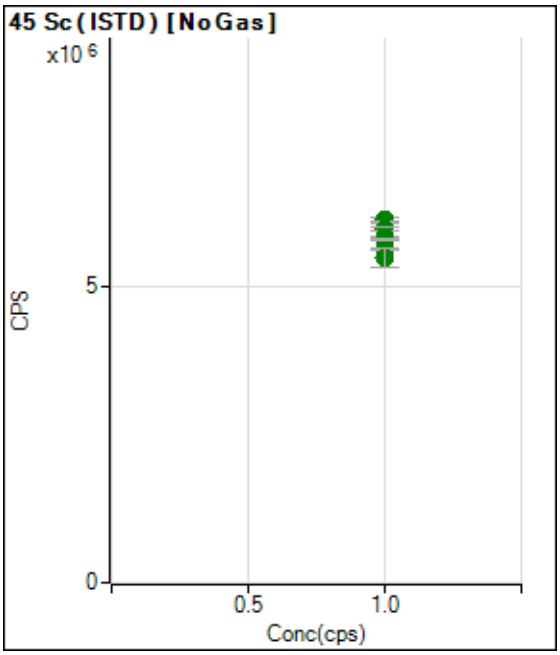
y = 0.0027 * x + 3.1839E-006
R = 1.0000
DL = 0.0009311
BEC = 0.001198

Weight: <None>
Min Conc: 0

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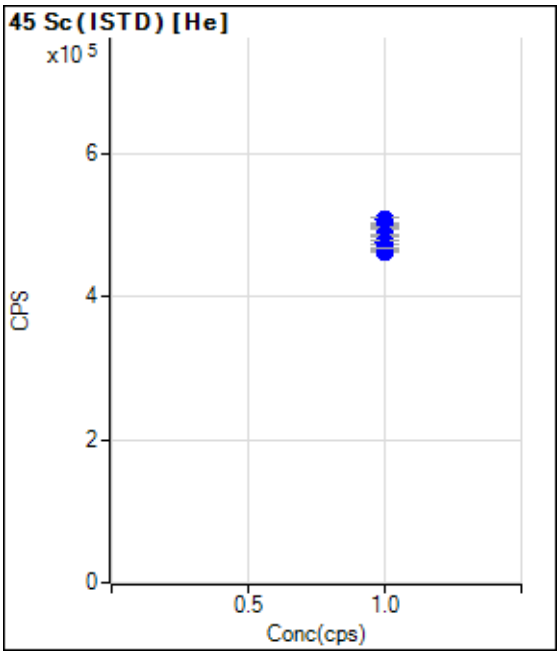


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1930416.38		A	1.2
2	☐	1.000		1951147.92		A	0.6
3	☐	1.000		1985197.04		A	0.6
4	☐	1.000		1998368.13		A	1.1
5	☐	1.000		2012817.71		A	1.2
6	☐	1.000		1990893.25		A	0.3
7	☐	1.000		2004707.21		A	0.9
8	☐	1.000		1839150.95		A	5.8

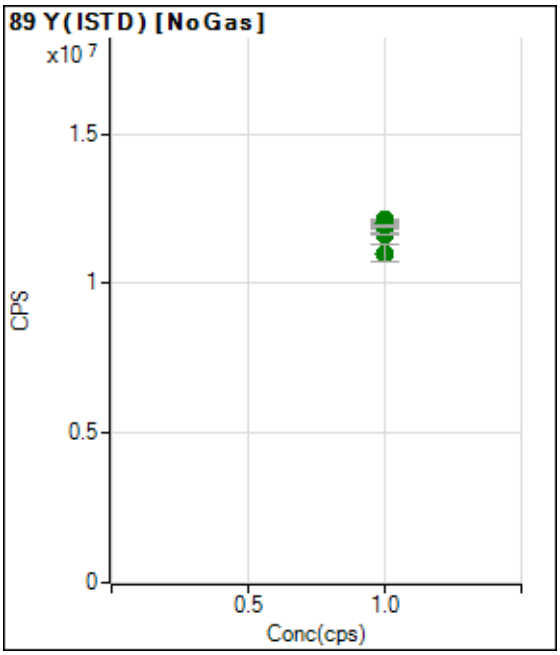


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6118811.37		A	1.0
2	☐	1.000		6100878.03		A	0.3
3	☐	1.000		6073714.08		A	0.8
4	☐	1.000		5966353.04		A	1.4
5	☐	1.000		5829281.93		A	0.6
6	☐	1.000		5620211.86		A	0.3
7	☐	1.000		5784983.73		A	0.2
8	☐	1.000		5482870.02		A	5.4

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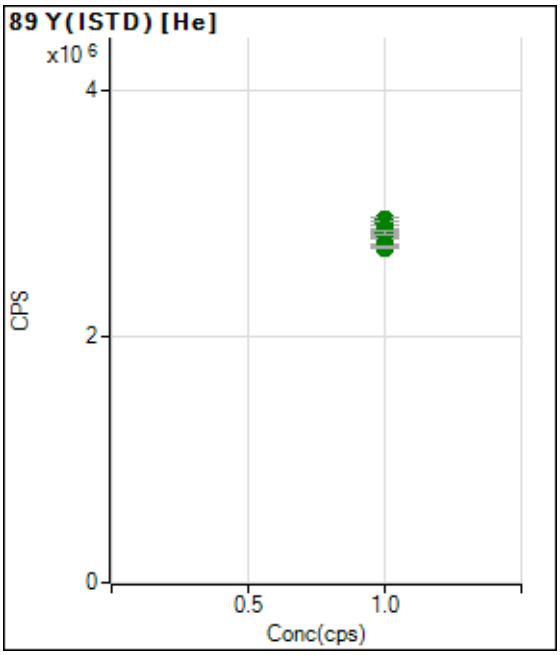


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		507104.43		P	1.2
2	☐	1.000		501669.86		P	0.6
3	☐	1.000		496058.96		P	0.4
4	☐	1.000		485794.24		P	0.5
5	☐	1.000		473197.74		P	0.4
6	☐	1.000		462960.05		P	0.7
7	☐	1.000		476482.16		P	1.0
8	☐	1.000		467313.08		P	0.4

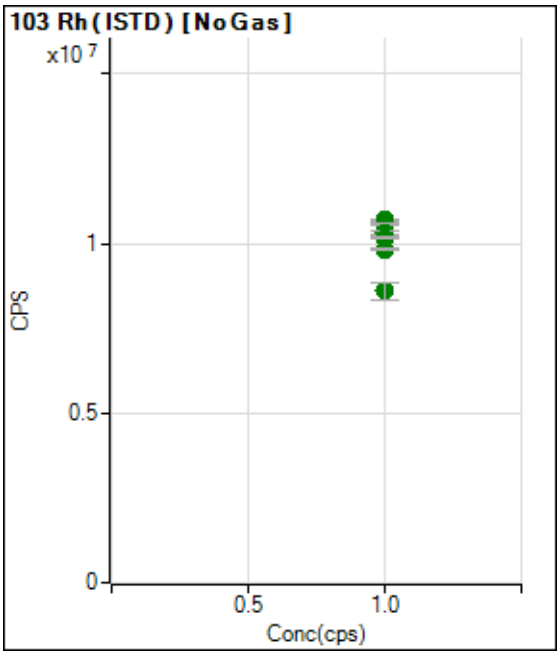


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12129378.01		A	0.8
2	☐	1.000		12097469.40		A	0.8
3	☐	1.000		12022474.82		A	0.9
4	☐	1.000		11925499.69		A	0.4
5	☐	1.000		11861851.35		A	0.1
6	☐	1.000		11653669.41		A	0.3
7	☐	1.000		11943252.60		A	0.5
8	☐	1.000		11018744.35		A	5.3

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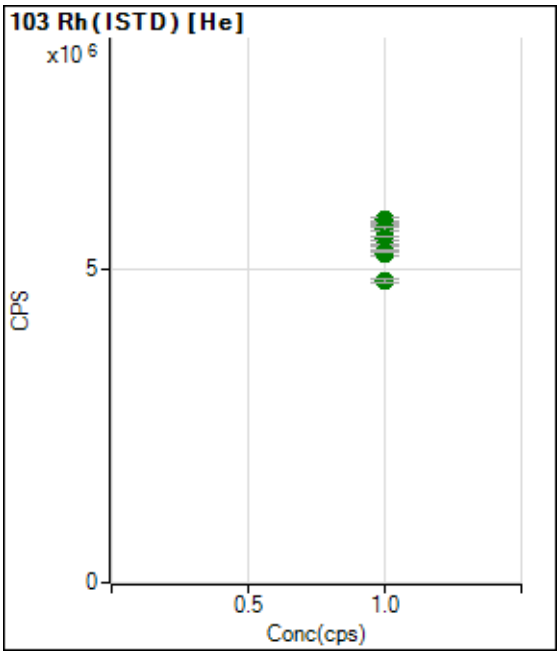


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1	☐	1.000		2948640.51		A	1.1
2	☐	1.000		2922361.73		A	0.7
3	☐	1.000		2872689.51		A	0.4
4	☐	1.000		2854806.21		A	1.1
5	☐	1.000		2811366.87		A	0.6
6	☐	1.000		2753652.35		A	0.2
7	☐	1.000		2844166.45		A	1.2
8	☐	1.000		2726672.46		A	0.5

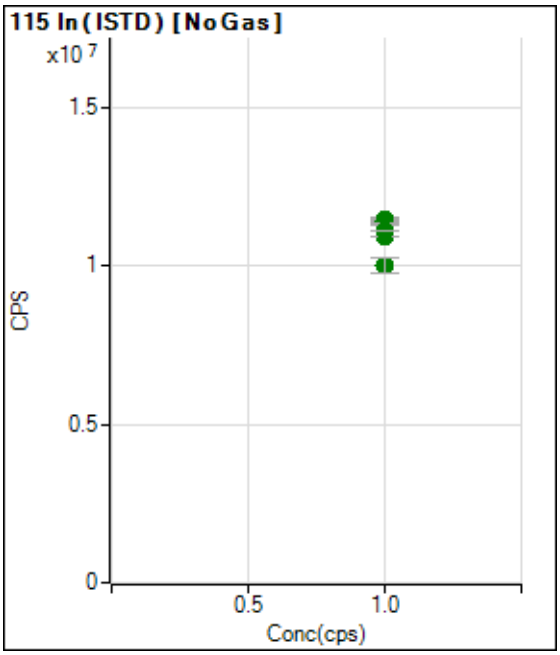


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10692045.67		A	0.8
2	☐	1.000		10670330.81		A	0.1
3	☐	1.000		10576494.42		A	0.5
4	☐	1.000		10320103.39		A	0.9
5	☐	1.000		10171362.63		A	0.8
6	☐	1.000		9781711.66		A	0.0
7	☐	1.000		9830942.91		A	0.4
8	☐	1.000		8593967.72		A	6.4

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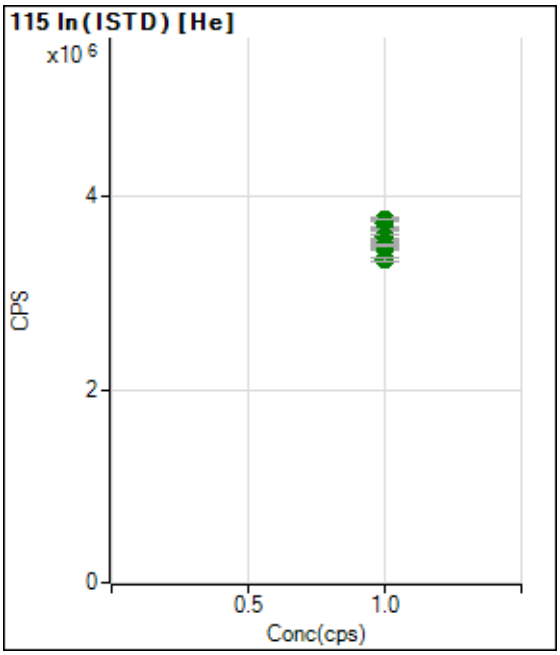


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5783352.41		A	1.0
2	☐	1.000		5726693.80		A	0.7
3	☐	1.000		5637974.50		A	0.7
4	☐	1.000		5480683.60		A	0.9
5	☐	1.000		5377191.59		A	0.7
6	☐	1.000		5238334.61		A	1.5
7	☐	1.000		5279840.20		A	0.8
8	☐	1.000		4807084.30		A	1.0

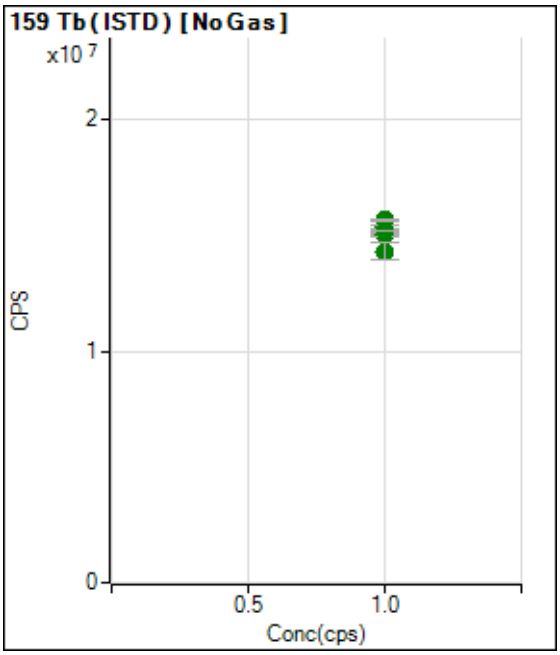


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11438290.22		A	1.1
2	☐	1.000		11403764.63		A	0.6
3	☐	1.000		11373921.26		A	1.7
4	☐	1.000		11331170.83		A	0.2
5	☐	1.000		11282626.08		A	0.5
6	☐	1.000		10895007.78		A	0.0
7	☐	1.000		11070205.16		A	0.1
8	☐	1.000		10002865.64		A	5.2

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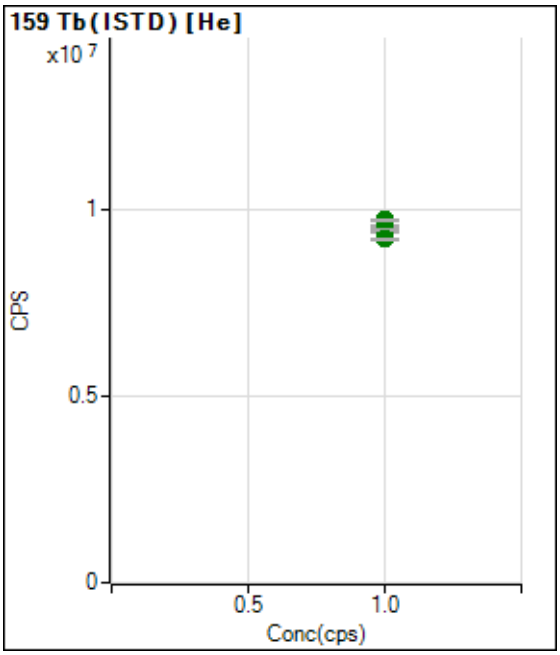


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3757580.04		A	1.0
2	☐	1.000		3724223.10		A	1.9
3	☐	1.000		3657641.69		A	0.6
4	☐	1.000		3592980.69		A	1.0
5	☐	1.000		3531338.75		A	0.3
6	☐	1.000		3457445.25		A	0.6
7	☐	1.000		3489297.34		A	0.4
8	☐	1.000		3348535.63		A	0.9

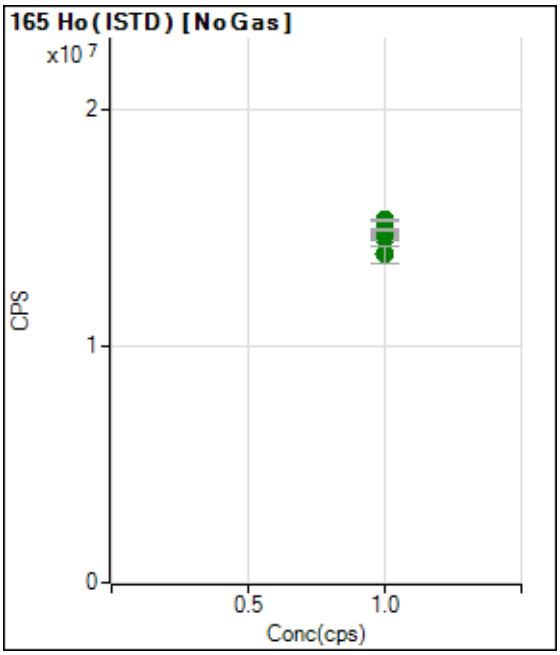


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15040376.72		A	0.3
2	☐	1.000		15008581.03		A	0.3
3	☐	1.000		15064230.05		A	1.1
4	☐	1.000		15202960.33		A	0.5
5	☐	1.000		15394135.60		A	1.0
6	☐	1.000		15209545.05		A	0.3
7	☐	1.000		15677837.13		A	0.6
8	☐	1.000		14305307.15		A	5.2

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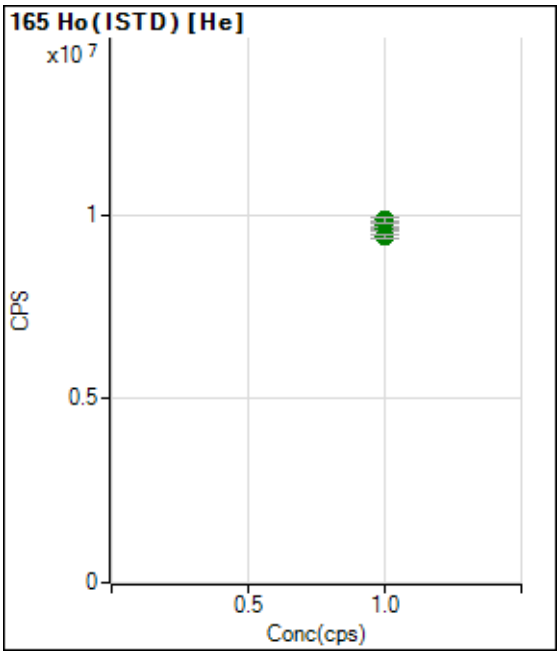


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9558694.65		A	0.5
2	☐	1.000		9472151.32		A	1.3
3	☐	1.000		9441306.94		A	0.7
4	☐	1.000		9483142.15		A	0.6
5	☐	1.000		9443478.82		A	0.3
6	☐	1.000		9477014.72		A	0.3
7	☐	1.000		9742721.73		A	0.3
8	☐	1.000		9222373.54		A	0.9

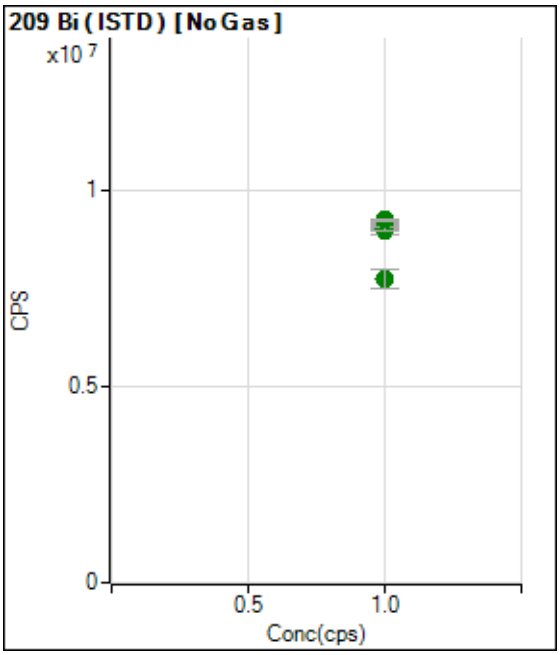


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14568287.42		A	0.5
2	☐	1.000		14571852.28		A	0.5
3	☐	1.000		14530549.09		A	0.6
4	☐	1.000		14764102.84		A	0.4
5	☐	1.000		14907831.30		A	0.3
6	☐	1.000		14943574.50		A	0.4
7	☐	1.000		15350849.08		A	0.3
8	☐	1.000		13891690.77		A	5.1

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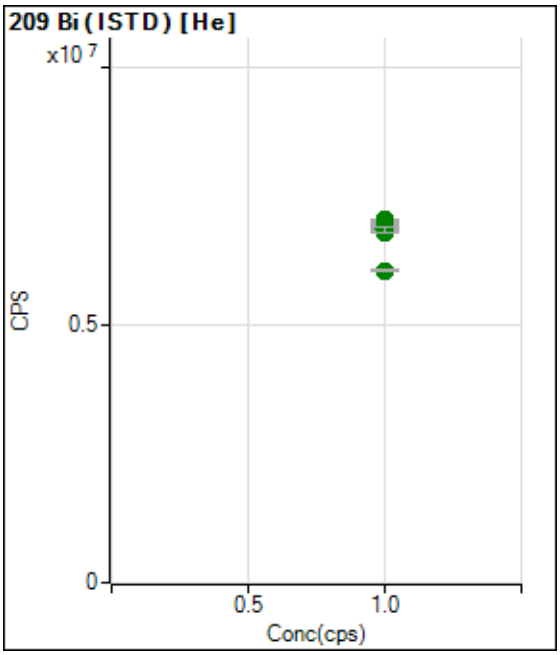


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9717541.94		A	0.9
2	☐	1.000		9587958.12		A	0.2
3	☐	1.000		9638595.69		A	0.7
4	☐	1.000		9653090.07		A	0.8
5	☐	1.000		9619291.32		A	0.9
6	☐	1.000		9807614.72		A	0.6
7	☐	1.000		9863081.66		A	1.7
8	☐	1.000		9408842.15		A	1.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9058415.98		A	1.1
2	☐	1.000		9033170.97		A	1.0
3	☐	1.000		8974335.35		A	1.4
4	☐	1.000		9132659.31		A	0.6
5	☐	1.000		9118271.11		A	0.6
6	☐	1.000		9037798.27		A	0.6
7	☐	1.000		9265349.72		A	0.8
8	☐	1.000		7770555.58		A	6.3

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7031583.85		A	0.9
2	☐	1.000		6967378.85		A	1.0
3	☐	1.000		6953365.38		A	0.1
4	☐	1.000		6890249.55		A	1.2
5	☐	1.000		6835944.07		A	1.1
6	☐	1.000		6795749.20		A	0.3
7	☐	1.000		6840162.05		A	1.4
8	☐	1.000		6049014.63		A	0.5

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7
ClientSampleId :TUNE006

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7092924-MS.b

Acq. Date-Time 2024-09-29 14:52:51

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		7912	79121.21			0.238	5.000
24		116749	1167490.57			0.501	5.000
25		14928	149282.05			0.537	5.000
26		16736	167359.31			0.677	5.000
59		64542	645420.97			0.331	5.000
113		10451	104511.61			0.549	5.000
115		128282	1282820.21			0.631	5.000
206		26659	266590.16			0.360	5.000
207		23533	235329.60			0.396	5.000
208		56607	566070.94			0.208	5.000
220		0	2.70			48.290	

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

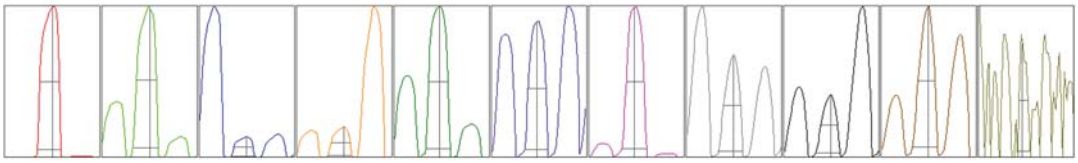
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7916	7911	7897	7894	7941
24	116033	116994	116219	117173	117326
25	14822	14897	14906	14992	15023
26	16545	16768	16734	16792	16840
59	64218	64466	64576	64681	64769
113	10529	10478	10458	10391	10400
115	129348	128880	127771	127387	128024
206	26744	26607	26775	26619	26550
207	23587	23458	23612	23408	23599
208	56603	56626	56793	56513	56500

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	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	13442.34	9.05	8.90 - 9.10	
24	190535.31	24.05	23.90 - 24.10	
25	25890.62	25.00	24.90 - 25.10	
26	29105.02	26.00	25.90 - 26.10	
59	109033.37	58.95	58.90 - 59.10	
113	19167.07	112.95	112.90 - 113.10	
115	234657.42	114.95	114.90 - 115.10	
206	51073.77	206.00	205.90 - 206.10	
207	45439.92	207.00	206.90 - 207.10	
208	108868.13	208.00	207.90 - 208.10	
220	0.60	219.90	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.739	0.900	
24	0.63	0.803	0.900	
25	0.61	0.734	0.900	
26	0.60	0.743	0.900	
59	0.62	0.782	0.900	
113	0.56	0.739	0.900	
115	0.55	0.786	0.900	
206	0.54	0.773	0.900	
207	0.52	0.775	0.900	
208	0.53	0.796	0.900	
220	0.29	0.389		

Integration Time [sec] 0.1
Acquisition Time [sec] 256.770000000002
Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.9
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.4 V	Deflect	16.6 V
Extract 2	-120.0 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	135	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.7 mm		

EM

Discriminator	4.8 mV	Analog HV	2368 V	Pulse HV	1614 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		20392	203920.55			0.601	
89		23791	237909.54			0.713	
205		28009	280086.97			0.850	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	20521	20518	20260	20295	20367
89	23905	24033	23652	23668	23696
205	28212	28303	27932	27842	27754

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	8.8 V	Deflect	3.6 V

US EPA Tune Check Report

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7
ClientSampleId :TUNE006

Extract 2	-120.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-65 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	135	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.7 mm		

EM

Discriminator	4.8 mV	Analog HV	2368 V	Pulse HV	1614 V

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:38:55	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.04	-0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.03	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.16	0.03	-0.19	0.00	N/A	ppb
Cadmium	111-1	0.01	0.00	-0.01	0.00	N/A	ppb
Calcium	43-1	-0.78	-1.18	1.96	0.00	N/A	ppb
Calcium	44-1	-0.29	-0.56	0.85	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	-0.02	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.03	-0.09	0.06	0.00	N/A	ppb
Iron	57-2	0.59	-0.12	-0.46	0.00	N/A	ppb
Iron	54-2	1.01	-0.07	-0.94	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:38:55	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	0.00	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	0.02	-0.30	0.28	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.02	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.05	0.03	0.00	N/A	ppb
Phosphorus	31-2	-15.04	-16.56	-12.16	-14.59		ppb
Potassium	39-2	-0.77	-1.30	2.06	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.31	0.20	0.11	0.00	N/A	ppb
Selenium	77-2	-0.11	0.23	-0.11	0.00	N/A	ppb
Selenium	78-2	-0.90	0.60	0.30	0.00	N/A	ppb
Silicon	28-1	-0.22	0.09	0.14	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	0.48	-0.69	0.21	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-136.45	-18.36	-16.44	-57.08		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.01	0.00	N/A	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:38:55	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	0.05	-0.08	0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	N/A	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:42:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.91	19.96	19.00	19.29	3.01	ppb
Antimony	121-1	1.97	2.08	1.98	2.01	3.05	ppb
Arsenic	75-2	1.26	0.88	1.17	1.11	17.84	ppb
Barium	135-1	9.51	9.81	9.57	9.63	1.66	ppb
Barium	137-1	9.53	9.44	9.33	9.43	1.07	ppb
Beryllium	9-1	1.15	1.01	1.05	1.07	6.39	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.21	0.89	1.27	1.12	18.01	ppb
Cadmium	106-1	2.07	1.00	1.29	1.45	38.08	ppb
Cadmium	111-1	1.14	1.09	1.08	1.10	2.81	ppb
Calcium	43-1	502.25	502.93	492.46	499.21	1.17	ppb
Calcium	44-1	497.61	501.02	501.50	500.04	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.19	2.01	2.01	2.07	4.96	ppb
Cobalt	59-2	1.03	1.10	1.08	1.07	3.30	ppb
Copper	63-2	2.02	1.90	1.97	1.96	3.15	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				100		%
Indium	115-2				99		%
Iron	56-2	53.87	53.52	54.05	53.81	0.50	ppb
Iron	57-2	57.67	53.51	52.31	54.49	5.16	ppb
Iron	54-2	57.50	57.73	55.28	56.84	2.38	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:42:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.86	0.87	0.83	0.85	2.79	ppb
Lead	207-1	0.84	0.86	0.86	0.85	1.77	ppb
Lead	208-1	0.86	0.88	0.86	0.86	1.18	ppb
Lithium	6-1				101		%
Magnesium	24-2	540.15	528.19	534.55	534.30	1.12	ppb
Manganese	55-2	1.09	1.15	1.16	1.13	3.31	ppb
Molybdenum	94-1	5.40	5.49	5.57	5.49	1.56	ppb
Molybdenum	95-1	4.63	4.65	4.63	4.64	0.27	ppb
Molybdenum	96-1	4.75	4.64	4.74	4.71	1.34	ppb
Molybdenum	97-1	4.66	4.62	4.67	4.65	0.58	ppb
Molybdenum	98-1	4.55	4.68	4.72	4.65	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.99	1.01	0.97	5.79	ppb
Phosphorus	31-2	14.59	17.27	11.91	14.59	18.37	ppb
Potassium	39-2	524.05	517.09	517.73	519.62	0.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	5.73	5.63	5.67	5.68	0.94	ppb
Selenium	77-2	6.18	4.06	5.53	5.26	20.64	ppb
Selenium	78-2	6.06	5.70	3.83	5.19	23.04	ppb
Silicon	28-1	2.24	2.17	2.71	2.37	12.45	ppb
Silver	107-1	1.01	1.00	1.01	1.01	0.64	ppb
Silver	109-1	0.94	1.02	1.03	1.00	4.72	ppb
Sodium	23-2	503.43	500.71	509.70	504.61	0.91	ppb
Strontium	86-1	0.98	0.99	1.06	1.01	3.95	ppb
Strontium	88-1	0.96	1.00	1.00	0.99	2.30	ppb
Sulfur	34-1	98.48	70.08	2.69	57.08	86.19	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.85	0.82	0.85	0.84	2.07	ppb
Thallium	205-1	0.82	0.86	0.84	0.84	1.95	ppb
Tin	118-1	4.85	4.83	4.86	4.85	0.39	ppb
Titanium	47-1	4.68	4.90	4.83	4.80	2.29	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:42:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.80	0.77	0.78	1.92	ppb
Vanadium	51-2	5.02	4.93	5.18	5.04	2.57	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	4.96	4.92	5.48	5.12	6.13	ppb
Zirconium	90-1	0.97	0.96	0.98	0.97	0.98	ppb
Zirconium	91-1	0.93	0.99	0.92	0.95	4.01	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:45:31	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1035.87	1040.76	1030.68	1035.77	0.49	ppb
Antimony	121-1	50.16	52.04	51.11	51.10	1.84	ppb
Arsenic	75-2	52.54	53.22	53.16	52.97	0.72	ppb
Barium	135-1	247.07	251.72	246.50	248.43	1.15	ppb
Barium	137-1	244.94	251.17	249.11	248.41	1.28	ppb
Beryllium	9-1	55.48	56.21	55.83	55.84	0.66	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	53.18	56.42	55.06	54.89	2.96	ppb
Cadmium	106-1	57.54	56.25	54.25	56.01	2.96	ppb
Cadmium	111-1	53.98	54.96	53.83	54.26	1.13	ppb
Calcium	43-1	5708.48	5779.83	5866.53	5784.95	1.37	ppb
Calcium	44-1	5212.33	5234.93	5197.64	5214.96	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.16	52.68	52.44	52.76	0.70	ppb
Cobalt	59-2	52.67	52.62	52.13	52.47	0.57	ppb
Copper	63-2	536.85	534.59	525.20	532.21	1.16	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				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	2631.44	2637.09	2595.05	2621.19	0.87	ppb
Iron	57-2	2820.66	2813.37	2772.16	2802.06	0.93	ppb
Iron	54-2	2842.50	2831.41	2789.88	2821.26	0.98	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:45:31	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	230.09	226.58	223.58	226.75	1.44	ppb
Lead	207-1	228.54	224.82	222.63	225.33	1.33	ppb
Lead	208-1	242.39	240.45	236.52	239.79	1.25	ppb
Lithium	6-1				103		%
Magnesium	24-2	5278.25	5267.71	5183.42	5243.13	0.99	ppb
Manganese	55-2	524.31	525.82	516.68	522.27	0.94	ppb
Molybdenum	94-1	510.53	510.41	516.75	512.57	0.71	ppb
Molybdenum	95-1	517.64	505.11	514.75	512.50	1.28	ppb
Molybdenum	96-1	517.33	518.54	507.13	514.33	1.22	ppb
Molybdenum	97-1	515.93	508.65	513.04	512.54	0.71	ppb
Molybdenum	98-1	513.62	500.54	514.48	509.55	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.43	53.30	54.08	54.27	1.99	ppb
Phosphorus	31-2	1064.12	1026.69	1015.71	1035.51	2.45	ppb
Potassium	39-2	2747.95	2728.74	2700.86	2725.85	0.87	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	52.49	53.30	52.37	52.72	0.97	ppb
Selenium	77-2	53.83	52.58	47.45	51.29	6.59	ppb
Selenium	78-2	56.88	51.73	51.77	53.46	5.55	ppb
Silicon	28-1	54.53	55.06	56.54	55.37	1.88	ppb
Silver	107-1	53.42	55.94	54.48	54.61	2.32	ppb
Silver	109-1	53.65	55.57	55.06	54.76	1.82	ppb
Sodium	23-2	5006.26	5038.36	4996.68	5013.77	0.44	ppb
Strontium	86-1	1278.99	1285.04	1287.54	1283.85	0.34	ppb
Strontium	88-1	1270.94	1271.11	1279.84	1273.96	0.40	ppb
Sulfur	34-1	1190.37	1128.89	1208.36	1175.87	3.54	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	45.95	44.89	44.92	45.25	1.33	ppb
Thallium	205-1	44.75	45.26	44.30	44.77	1.07	ppb
Tin	118-1	50.92	51.86	51.96	51.58	1.12	ppb
Titanium	47-1	520.36	519.95	522.89	521.07	0.31	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:45:31	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	42.82	41.59	41.78	42.06	1.58	ppb
Vanadium	51-2	51.92	52.14	51.13	51.73	1.02	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	527.53	528.60	522.96	526.36	0.57	ppb
Zirconium	90-1	51.39	50.95	50.95	51.10	0.50	ppb
Zirconium	91-1	51.55	51.06	51.90	51.51	0.82	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:48:39	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2607.60	2560.07	2588.23	2585.30	0.92	ppb
Antimony	121-1	126.57	127.18	125.87	126.54	0.52	ppb
Arsenic	75-2	125.48	129.12	132.02	128.87	2.54	ppb
Barium	135-1	617.64	618.94	613.77	616.78	0.44	ppb
Barium	137-1	640.70	642.72	641.64	641.69	0.16	ppb
Beryllium	9-1	137.62	139.80	136.37	137.93	1.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	131.55	136.52	137.59	135.22	2.38	ppb
Cadmium	106-1	133.46	136.15	133.04	134.22	1.26	ppb
Cadmium	111-1	132.64	133.32	132.58	132.85	0.31	ppb
Calcium	43-1	14303.80	14699.11	14443.50	14482.13	1.38	ppb
Calcium	44-1	12758.54	13119.03	12907.01	12928.19	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.70	130.49	129.61	130.93	1.22	ppb
Cobalt	59-2	131.78	131.29	129.72	130.93	0.82	ppb
Copper	63-2	1352.27	1307.02	1314.27	1324.52	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	6733.57	6486.52	6508.90	6576.33	2.08	ppb
Iron	57-2	7181.64	6964.31	6926.89	7024.28	1.96	ppb
Iron	54-2	7094.82	7023.09	7071.32	7063.08	0.52	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:48:39	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	615.60	617.82	624.07	619.17	0.71	ppb
Lead	207-1	621.34	628.49	634.59	628.14	1.06	ppb
Lead	208-1	616.93	622.66	627.65	622.41	0.86	ppb
Lithium	6-1				104		%
Magnesium	24-2	12803.28	12436.73	12729.57	12656.52	1.53	ppb
Manganese	55-2	1296.04	1281.81	1279.10	1285.65	0.71	ppb
Molybdenum	94-1	1272.70	1294.44	1274.06	1280.40	0.95	ppb
Molybdenum	95-1	1284.96	1284.23	1265.48	1278.22	0.86	ppb
Molybdenum	96-1	1289.39	1298.88	1271.97	1286.75	1.06	ppb
Molybdenum	97-1	1293.85	1278.30	1296.60	1289.58	0.77	ppb
Molybdenum	98-1	1276.60	1281.37	1275.39	1277.79	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.20	131.08	133.15	132.81	1.19	ppb
Phosphorus	31-2	2605.82	2570.07	2534.14	2570.01	1.39	ppb
Potassium	39-2	6399.28	6499.63	6319.71	6406.21	1.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	132.50	134.14	129.99	132.21	1.58	ppb
Selenium	77-2	128.69	131.21	132.27	130.73	1.41	ppb
Selenium	78-2	132.42	132.66	135.46	133.51	1.27	ppb
Silicon	28-1	136.57	142.44	140.13	139.72	2.12	ppb
Silver	107-1	134.01	133.83	132.79	133.54	0.49	ppb
Silver	109-1	133.44	134.16	133.08	133.56	0.41	ppb
Sodium	23-2	12577.40	12454.45	12484.40	12505.42	0.51	ppb
Strontium	86-1	3169.56	3218.02	3185.33	3190.97	0.77	ppb
Strontium	88-1	3192.51	3229.31	3167.54	3196.45	0.97	ppb
Sulfur	34-1	2477.77	2655.62	2488.31	2540.57	3.93	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	110.66	112.24	112.53	111.81	0.90	ppb
Thallium	205-1	121.39	122.99	124.57	122.98	1.29	ppb
Tin	118-1	126.56	126.72	126.52	126.60	0.09	ppb
Titanium	47-1	1291.98	1324.23	1297.68	1304.63	1.32	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:48:39	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	119.89	120.45	121.33	120.55	0.60	ppb
Vanadium	51-2	131.11	128.33	128.36	129.27	1.24	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	1323.01	1307.06	1295.70	1308.59	1.05	ppb
Zirconium	90-1	128.56	128.31	126.83	127.90	0.73	ppb
Zirconium	91-1	129.17	129.96	128.69	129.27	0.50	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:51:39	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5130.38	5160.12	5129.59	5140.03	0.34	ppb
Antimony	121-1	257.93	256.22	257.15	257.10	0.33	ppb
Arsenic	75-2	254.32	255.38	253.74	254.48	0.33	ppb
Barium	135-1	1267.80	1262.64	1291.82	1274.09	1.22	ppb
Barium	137-1	1254.42	1241.35	1288.47	1261.41	1.93	ppb
Beryllium	9-1	268.17	268.24	266.41	267.60	0.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	261.22	263.59	264.69	263.17	0.67	ppb
Cadmium	106-1	261.54	260.14	265.60	262.43	1.08	ppb
Cadmium	111-1	255.53	254.95	258.19	256.22	0.67	ppb
Calcium	43-1	28651.31	28892.40	28833.14	28792.28	0.44	ppb
Calcium	44-1	25473.29	25831.34	25785.06	25696.56	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259.01	259.98	256.41	258.47	0.71	ppb
Cobalt	59-2	257.32	257.34	255.36	256.67	0.44	ppb
Copper	63-2	2595.05	2576.71	2567.10	2579.62	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				102		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	13011.44	13182.40	12990.26	13061.37	0.81	ppb
Iron	57-2	13893.92	13982.04	13812.66	13896.21	0.61	ppb
Iron	54-2	13290.10	13275.29	13183.59	13249.66	0.44	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:51:39	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1231.00	1216.25	1246.46	1231.24	1.23	ppb
Lead	207-1	1245.29	1243.57	1252.67	1247.18	0.39	ppb
Lead	208-1	1239.43	1232.79	1251.90	1241.37	0.78	ppb
Lithium	6-1				104		%
Magnesium	24-2	25265.10	25400.87	25280.17	25315.38	0.29	ppb
Manganese	55-2	2549.45	2533.43	2504.53	2529.13	0.90	ppb
Molybdenum	94-1	2518.17	2524.32	2510.33	2517.61	0.28	ppb
Molybdenum	95-1	2511.41	2551.10	2514.93	2525.81	0.87	ppb
Molybdenum	96-1	2524.79	2510.48	2522.14	2519.14	0.30	ppb
Molybdenum	97-1	2545.12	2516.18	2537.19	2532.83	0.59	ppb
Molybdenum	98-1	2516.93	2520.22	2517.18	2518.11	0.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.96	262.16	258.60	260.57	0.69	ppb
Phosphorus	31-2	5011.53	5152.14	5101.47	5088.38	1.40	ppb
Potassium	39-2	12667.50	12544.96	12540.52	12584.33	0.57	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	261.34	261.03	256.46	259.61	1.05	ppb
Selenium	77-2	246.86	257.94	254.55	253.12	2.24	ppb
Selenium	78-2	262.58	253.06	260.48	258.70	1.93	ppb
Silicon	28-1	261.24	265.58	265.16	263.99	0.91	ppb
Silver	107-1	265.06	261.99	266.67	264.57	0.90	ppb
Silver	109-1	267.28	261.42	264.36	264.35	1.11	ppb
Sodium	23-2	25071.77	25111.71	24802.66	24995.38	0.67	ppb
Strontium	86-1	6293.91	6371.43	6313.38	6326.24	0.64	ppb
Strontium	88-1	6296.81	6349.26	6339.12	6328.40	0.44	ppb
Sulfur	34-1	4869.07	4933.30	5041.39	4947.92	1.76	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	223.35	224.84	226.88	225.02	0.79	ppb
Thallium	205-1	246.74	242.80	248.36	245.97	1.16	ppb
Tin	118-1	248.07	245.05	249.97	247.70	1.00	ppb
Titanium	47-1	2545.69	2570.21	2551.20	2555.70	0.50	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:51:39	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	241.61	241.26	245.18	242.69	0.89	ppb
Vanadium	51-2	257.65	255.44	255.65	256.25	0.48	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	2586.48	2599.09	2578.56	2588.04	0.40	ppb
Zirconium	90-1	250.63	254.32	256.48	253.81	1.16	ppb
Zirconium	91-1	256.28	255.41	254.96	255.55	0.26	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:54:28	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9951.98	9943.16	9901.24	9932.13	0.27	ppb
Antimony	121-1	501.15	508.16	507.46	505.59	0.76	ppb
Arsenic	75-2	503.85	506.17	503.70	504.57	0.27	ppb
Barium	135-1	2516.36	2553.20	2527.46	2532.34	0.75	ppb
Barium	137-1	2505.40	2539.61	2527.94	2524.32	0.69	ppb
Beryllium	9-1	524.85	529.19	525.90	526.65	0.43	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	507.42	509.24	512.74	509.80	0.53	ppb
Cadmium	106-1	504.20	515.54	515.76	511.83	1.29	ppb
Cadmium	111-1	498.39	508.62	506.45	504.49	1.07	ppb
Calcium	43-1	57112.38	57452.80	57634.88	57400.02	0.46	ppb
Calcium	44-1	51404.81	51379.91	51662.90	51482.54	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.82	512.21	515.72	513.25	0.42	ppb
Cobalt	59-2	500.25	508.02	500.29	502.85	0.89	ppb
Copper	63-2	5105.53	5123.27	5086.37	5105.06	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				103		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	25726.59	25893.18	25713.84	25777.87	0.39	ppb
Iron	57-2	27171.12	27642.30	27556.04	27456.49	0.91	ppb
Iron	54-2	26085.48	26357.97	26501.32	26314.93	0.80	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:54:28	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2498.19	2515.73	2519.20	2511.04	0.45	ppb
Lead	207-1	2532.06	2536.88	2520.11	2529.68	0.34	ppb
Lead	208-1	2515.54	2533.18	2527.92	2525.55	0.36	ppb
Lithium	6-1				103		%
Magnesium	24-2	49969.62	50032.06	50513.84	50171.84	0.59	ppb
Manganese	55-2	5027.64	4999.96	5023.13	5016.91	0.30	ppb
Molybdenum	94-1	5047.97	5045.52	5048.24	5047.24	0.03	ppb
Molybdenum	95-1	5033.30	5032.93	5089.89	5052.04	0.65	ppb
Molybdenum	96-1	5048.52	5041.15	5075.41	5055.03	0.36	ppb
Molybdenum	97-1	5040.80	5020.94	5099.01	5053.58	0.80	ppb
Molybdenum	98-1	5035.64	5021.49	5074.88	5044.01	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.18	510.60	511.11	509.63	0.42	ppb
Phosphorus	31-2	10121.66	10063.06	10156.21	10113.64	0.47	ppb
Potassium	39-2	25013.69	24924.55	24916.81	24951.68	0.22	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	507.38	507.96	507.83	507.72	0.06	ppb
Selenium	77-2	510.55	523.28	520.03	517.95	1.28	ppb
Selenium	78-2	510.16	509.64	513.30	511.03	0.39	ppb
Silicon	28-1	513.46	517.62	521.35	517.48	0.76	ppb
Silver	107-1	508.97	513.27	514.45	512.23	0.56	ppb
Silver	109-1	514.36	512.65	513.92	513.64	0.17	ppb
Sodium	23-2	49957.86	49648.40	49736.02	49780.76	0.32	ppb
Strontium	86-1	12529.95	12531.24	12660.54	12573.91	0.60	ppb
Strontium	88-1	12544.68	12513.11	12534.26	12530.68	0.13	ppb
Sulfur	34-1	9924.22	9893.82	9873.76	9897.27	0.26	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	508.58	501.40	507.45	505.81	0.76	ppb
Thallium	205-1	499.59	502.75	505.02	502.45	0.54	ppb
Tin	118-1	500.26	512.93	505.97	506.39	1.25	ppb
Titanium	47-1	5035.09	5098.50	5086.60	5073.40	0.66	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:54:28	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	495.01	497.28	505.05	499.11	1.05	ppb
Vanadium	51-2	508.34	509.09	511.64	509.69	0.34	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	5039.06	5115.84	5091.71	5082.20	0.77	ppb
Zirconium	90-1	501.94	501.76	507.38	503.69	0.63	ppb
Zirconium	91-1	507.05	510.75	511.62	509.81	0.48	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:57:17	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19513.36	19366.13	19645.54	19508.34	0.72	ppb
Antimony	121-1	991.73	989.99	1003.83	995.18	0.76	ppb
Arsenic	75-2	986.74	1006.57	994.58	995.96	1.00	ppb
Barium	135-1	4908.25	4973.37	5055.12	4978.92	1.48	ppb
Barium	137-1	4936.81	4998.86	5013.27	4982.98	0.82	ppb
Beryllium	9-1	990.28	964.59	986.23	980.37	1.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	970.63	1002.06	998.17	990.29	1.73	ppb
Cadmium	106-1	973.69	990.55	1004.33	989.52	1.55	ppb
Cadmium	111-1	990.18	991.65	1003.19	995.01	0.72	ppb
Calcium	43-1	108221.58	107236.04	107622.87	107693.50	0.46	ppb
Calcium	44-1	101393.31	101092.15	101434.05	101306.50	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	994.63	977.41	999.09	990.38	1.16	ppb
Cobalt	59-2	987.45	997.87	1002.79	996.04	0.79	ppb
Copper	63-2	9854.16	9872.93	10022.83	9916.64	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	50764.52	50824.14	51614.49	51067.72	0.93	ppb
Iron	57-2	51237.52	51558.47	52501.04	51765.68	1.27	ppb
Iron	54-2	51382.14	51479.97	52046.93	51636.35	0.70	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:57:17	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4999.81	5011.80	4991.59	5001.06	0.20	ppb
Lead	207-1	4997.41	4979.45	4983.26	4986.70	0.19	ppb
Lead	208-1	4980.69	5001.01	4988.95	4990.22	0.20	ppb
Lithium	6-1				104		%
Magnesium	24-2	98966.43	99874.20	100087.86	99642.83	0.60	ppb
Manganese	55-2	9939.18	9938.77	10058.12	9978.69	0.69	ppb
Molybdenum	94-1	9788.39	10099.58	10014.68	9967.55	1.61	ppb
Molybdenum	95-1	9815.33	10101.61	9973.18	9963.37	1.44	ppb
Molybdenum	96-1	9849.91	10024.35	10012.92	9962.39	0.98	ppb
Molybdenum	97-1	9869.20	10032.60	9976.47	9959.43	0.83	ppb
Molybdenum	98-1	9839.91	10045.40	10023.25	9969.52	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	985.82	987.87	1000.37	991.35	0.79	ppb
Phosphorus	31-2	19797.31	19739.11	20195.25	19910.56	1.25	ppb
Potassium	39-2	49224.77	49702.72	49940.98	49622.83	0.74	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	980.71	1001.01	996.37	992.70	1.07	ppb
Selenium	77-2	1001.73	989.97	976.69	989.46	1.27	ppb
Selenium	78-2	984.77	1015.33	973.11	991.07	2.20	ppb
Silicon	28-1	979.46	985.86	991.87	985.73	0.63	ppb
Silver	107-1	978.36	985.11	1003.36	988.94	1.31	ppb
Silver	109-1	979.96	982.84	1002.05	988.28	1.22	ppb
Sodium	23-2	98781.09	99877.63	99972.02	99543.58	0.67	ppb
Strontium	86-1	24729.38	25031.60	25041.16	24934.04	0.71	ppb
Strontium	88-1	24771.60	25176.17	24917.01	24954.93	0.82	ppb
Sulfur	34-1	19747.10	20120.82	20283.65	20050.52	1.37	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	999.97	999.06	1016.65	1005.23	0.99	ppb
Thallium	205-1	1006.71	998.97	995.21	1000.30	0.59	ppb
Tin	118-1	985.02	995.49	1010.80	997.10	1.30	ppb
Titanium	47-1	9861.17	9983.18	9980.13	9941.49	0.70	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:57:17	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1003.04	1007.95	998.69	1003.23	0.46	ppb
Vanadium	51-2	986.75	995.72	996.46	992.97	0.54	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	9855.52	9924.43	10004.79	9928.24	0.75	ppb
Zirconium	90-1	989.82	994.41	1006.12	996.78	0.84	ppb
Zirconium	91-1	982.98	993.93	1002.39	993.10	0.98	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:00:03	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100353.45	100036.41	99897.02	100095.63	0.23	ppb
Antimony	121-1	0.75	0.79	0.91	0.81	10.17	ppb
Arsenic	75-2	0.49	0.62	0.61	0.57	12.96	ppb
Barium	135-1	1.99	2.05	2.22	2.09	5.61	ppb
Barium	137-1	1.94	1.94	2.13	2.00	5.66	ppb
Beryllium	9-1	0.20	0.23	0.22	0.22	7.53	ppb
Bismuth	209-1				86		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.49	0.47	0.52	0.49	4.62	ppb
Cadmium	106-1	-0.33	0.63	-0.65	-0.12		ppb
Cadmium	111-1	0.14	0.20	0.10	0.15	34.13	ppb
Calcium	43-1	475468.27	482582.61	534371.97	497474.28	6.46	ppb
Calcium	44-1	479040.71	485478.40	534109.18	499542.76	6.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.67	3.79	3.79	3.75	1.73	ppb
Cobalt	59-2	2.68	2.69	2.68	2.69	0.27	ppb
Copper	63-2	1.91	1.98	2.01	1.96	2.65	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				95		%
Holmium	165-2				97		%
Indium	115-1				87		%
Indium	115-2				89		%
Iron	56-2	249139.69	248924.03	250949.97	249671.23	0.45	ppb
Iron	57-2	247455.68	249581.26	250890.14	249309.03	0.70	ppb
Iron	54-2	249623.83	250635.31	248181.51	249480.21	0.49	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:00:03	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.38	1.38	1.54	1.43	6.70	ppb
Lead	207-1	1.34	1.29	1.54	1.39	9.67	ppb
Lead	208-1	1.37	1.36	1.52	1.42	6.33	ppb
Lithium	6-1				95		%
Magnesium	24-2	500208.11	497160.86	502727.33	500032.10	0.56	ppb
Manganese	55-2	5.09	5.07	5.18	5.11	1.20	ppb
Molybdenum	94-1	2.87	2.77	3.22	2.95	7.98	ppb
Molybdenum	95-1	1.99	1.99	2.27	2.08	7.66	ppb
Molybdenum	96-1	3.93	3.83	4.28	4.02	5.89	ppb
Molybdenum	97-1	1.98	2.09	2.23	2.10	6.13	ppb
Molybdenum	98-1	1.97	1.88	2.11	1.99	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.35	4.15	4.19	4.23	2.55	ppb
Phosphorus	31-2	-2.28	-8.83	-7.92	-6.35		ppb
Potassium	39-2	249840.81	249370.15	250998.58	250069.85	0.34	ppb
Rhodium	103-1				80		%
Rhodium	103-2				83		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	1.62	0.96	1.85	1.48	31.57	ppb
Selenium	77-2	-0.11	0.64	0.63	0.39	112.17	ppb
Selenium	78-2	1.43	-0.21	0.42	0.55	151.75	ppb
Silicon	28-1	5.97	6.18	8.56	6.90	20.80	ppb
Silver	107-1	0.19	0.16	0.17	0.18	9.50	ppb
Silver	109-1	0.20	0.17	0.16	0.18	12.51	ppb
Sodium	23-2	499748.75	498301.25	502289.47	500113.16	0.40	ppb
Strontium	86-1	4.11	3.94	4.12	4.06	2.45	ppb
Strontium	88-1	4.00	3.90	4.26	4.05	4.49	ppb
Sulfur	34-1	-920.55	-770.33	-245.42	-645.43		ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.14	0.11	0.13	0.13	11.71	ppb
Thallium	205-1	0.13	0.12	0.14	0.13	8.78	ppb
Tin	118-1	1.04	1.14	1.20	1.13	7.10	ppb
Titanium	47-1	2.04	2.14	2.53	2.24	11.46	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:00:03	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.05	0.05	0.05	12.05	ppb
Vanadium	51-2	0.24	0.28	0.24	0.25	9.25	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	4.15	3.93	3.96	4.01	3.02	ppb
Zirconium	90-1	0.61	0.62	0.65	0.62	3.56	ppb
Zirconium	91-1	0.59	0.61	0.63	0.61	2.98	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:12:01	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	503.22	501.11	502.52	502.28	0.21	ppb
Antimony	121-1	201.35	203.86	205.69	203.63	1.07	ppb
Arsenic	75-2	210.16	208.16	205.03	207.78	1.24	ppb
Barium	135-1	97.09	97.74	98.85	97.89	0.91	ppb
Barium	137-1	96.17	98.54	98.28	97.66	1.33	ppb
Beryllium	9-1	102.31	103.95	105.09	103.78	1.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	95.85	98.88	97.93	97.55	1.59	ppb
Cadmium	106-1	94.34	93.85	93.61	93.93	0.40	ppb
Cadmium	111-1	106.21	107.88	109.23	107.77	1.40	ppb
Calcium	43-1	2010.02	2028.31	1945.74	1994.69	2.17	ppb
Calcium	44-1	1996.78	2029.30	2010.19	2012.09	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.07	106.52	106.63	106.74	0.27	ppb
Cobalt	59-2	106.50	106.38	105.33	106.07	0.61	ppb
Copper	63-2	101.19	100.42	98.00	99.87	1.66	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				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	2079.02	2080.93	2047.42	2069.12	0.91	ppb
Iron	57-2	2175.54	2186.39	2164.90	2175.61	0.49	ppb
Iron	54-2	2281.76	2273.23	2237.29	2264.09	1.04	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:12:01	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	190.78	190.90	195.81	192.50	1.49	ppb
Lead	207-1	184.40	183.65	187.71	185.26	1.17	ppb
Lead	208-1	198.87	201.75	202.33	200.98	0.92	ppb
Lithium	6-1				104		%
Magnesium	24-2	1265.85	1258.96	1254.54	1259.78	0.45	ppb
Manganese	55-2	104.22	104.89	103.53	104.21	0.65	ppb
Molybdenum	94-1	0.37	0.36	0.37	0.36	2.14	ppb
Molybdenum	95-1	0.29	0.28	0.30	0.29	2.90	ppb
Molybdenum	96-1	0.33	0.33	0.31	0.32	4.27	ppb
Molybdenum	97-1	0.30	0.33	0.28	0.30	9.24	ppb
Molybdenum	98-1	0.28	0.28	0.29	0.28	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.39	109.73	108.82	109.31	0.42	ppb
Phosphorus	31-2	-9.75	-10.23	-13.06	-11.01		ppb
Potassium	39-2	2115.49	2098.69	2084.41	2099.53	0.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	215.68	216.66	218.81	217.05	0.74	ppb
Selenium	77-2	207.65	206.87	205.77	206.76	0.45	ppb
Selenium	78-2	219.93	221.53	205.65	215.70	4.05	ppb
Silicon	28-1	0.04	0.36	0.23	0.21	76.47	ppb
Silver	107-1	51.53	52.50	53.37	52.47	1.75	ppb
Silver	109-1	51.77	52.30	52.92	52.33	1.10	ppb
Sodium	23-2	2089.04	2086.94	2051.91	2075.96	1.00	ppb
Strontium	86-1	0.38	0.32	0.40	0.37	11.51	ppb
Strontium	88-1	0.34	0.34	0.33	0.33	1.99	ppb
Sulfur	34-1	-241.29	-212.07	-314.31	-255.89		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	193.45	195.36	198.92	195.91	1.42	ppb
Thallium	205-1	215.97	217.38	217.49	216.95	0.39	ppb
Tin	118-1	0.11	0.12	0.11	0.11	2.83	ppb
Titanium	47-1	0.16	0.15	0.18	0.16	8.50	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:12:01	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.00	0.00	32.17	ppb
Vanadium	51-2	102.24	101.11	100.76	101.37	0.77	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	204.21	202.10	201.53	202.61	0.70	ppb
Zirconium	90-1	0.06	0.06	0.08	0.07	11.39	ppb
Zirconium	91-1	0.10	0.12	0.12	0.11	7.43	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:16:34	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	-0.14	-0.21	-0.17		ppb
Antimony	121-1	0.06	0.07	0.09	0.07	25.50	ppb
Arsenic	75-2	-0.01	0.03	0.01	0.01	203.02	ppb
Barium	135-1	0.00	0.00	-0.02	-0.01		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	3.01	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.02	0.03	0.05	87.52	ppb
Cadmium	106-1	-1.57	-1.17	-2.33	-1.69		ppb
Cadmium	111-1	-0.11	-0.08	-0.16	-0.12		ppb
Calcium	43-1	-4.55	-4.26	-0.58	-3.13		ppb
Calcium	44-1	-3.04	-3.19	-2.93	-3.06		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	-0.01	0.03	117.65	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.03	-0.03	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	-0.09	-0.39	-0.16	-0.21		ppb
Iron	57-2	0.21	-0.89	-0.42	-0.37		ppb
Iron	54-2	-0.86	-0.70	-0.67	-0.74		ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:16:34	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.04	0.04	4.60	ppb
Lead	207-1	0.04	0.04	0.04	0.04	6.34	ppb
Lead	208-1	0.03	0.03	0.03	0.03	3.52	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.35	0.53	0.55	0.47	23.31	ppb
Manganese	55-2	-0.04	-0.03	-0.02	-0.03		ppb
Molybdenum	94-1	0.03	0.05	0.06	0.04	36.33	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	36.50	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	370.85	ppb
Molybdenum	97-1	-0.01	0.04	0.02	0.02	169.31	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	73.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.00	0.02	0.03	111.53	ppb
Phosphorus	31-2	-15.26	-19.24	-12.99	-15.83		ppb
Potassium	39-2	-3.07	-5.94	-6.04	-5.02		ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.12	-0.04	-0.18	-0.03		ppb
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	-0.98	0.13	-0.54	-0.46		ppb
Silicon	28-1	-1.36	-0.98	-1.05	-1.13		ppb
Silver	107-1	0.03	0.02	0.02	0.02	29.41	ppb
Silver	109-1	0.03	0.02	0.02	0.02	18.81	ppb
Sodium	23-2	13.66	12.21	13.73	13.20	6.47	ppb
Strontium	86-1	0.00	0.00	0.01	0.01	151.49	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	117.07	ppb
Sulfur	34-1	-390.15	-494.51	-395.42	-426.69		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.01	0.01	6.46	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.50	ppb
Tin	118-1	0.00	0.00	-0.01	-0.01		ppb
Titanium	47-1	-0.01	-0.02	0.01	0.00		ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:16:34	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		ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	-0.33	-0.21	-0.16	-0.23		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	26.27	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	139.25	ppb

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:19:54	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90512.89	90946.38	91277.96	90912.41	0.42	ppb
Antimony	121-1	1.11	1.15	1.15	1.14	2.16	ppb
Arsenic	75-2	0.37	0.42	0.26	0.35	22.57	ppb
Barium	135-1	1.45	1.34	1.39	1.39	3.95	ppb
Barium	137-1	1.31	1.34	1.33	1.32	1.12	ppb
Beryllium	9-1	0.39	0.38	0.45	0.41	9.54	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.96	7.13	7.31	7.47	5.87	ppb
Cadmium	106-1	-1.26	-2.03	-2.83	-2.04		ppb
Cadmium	111-1	0.17	0.15	0.04	0.12	58.58	ppb
Calcium	43-1	94355.10	93938.69	93923.84	94072.54	0.26	ppb
Calcium	44-1	93546.40	93891.64	93876.70	93771.58	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.67	20.66	20.63	20.65	0.10	ppb
Cobalt	59-2	1.29	1.26	1.33	1.29	2.53	ppb
Copper	63-2	8.37	8.44	8.61	8.47	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	101834.96	100795.48	101675.11	101435.18	0.55	ppb
Iron	57-2	100934.70	101419.97	102639.49	101664.72	0.86	ppb
Iron	54-2	101708.84	101310.25	102391.82	101803.64	0.54	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:19:54	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.01	4.83	4.84	4.89	2.06	ppb
Lead	207-1	4.59	4.51	4.47	4.52	1.37	ppb
Lead	208-1	4.72	4.64	4.55	4.64	1.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	96956.22	97402.51	97237.63	97198.79	0.23	ppb
Manganese	55-2	8.31	8.35	8.40	8.35	0.55	ppb
Molybdenum	94-1	1519.65	1509.46	1527.80	1518.97	0.61	ppb
Molybdenum	95-1	1837.58	1830.67	1842.96	1837.07	0.34	ppb
Molybdenum	96-1	1800.80	1822.52	1817.58	1813.63	0.63	ppb
Molybdenum	97-1	1846.17	1818.75	1844.51	1836.48	0.84	ppb
Molybdenum	98-1	1825.86	1829.32	1830.09	1828.42	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.56	5.78	5.71	5.68	1.95	ppb
Phosphorus	31-2	98701.44	98568.58	99657.94	98975.99	0.60	ppb
Potassium	39-2	97355.29	96590.30	97394.42	97113.33	0.47	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	-0.54	0.10	-0.22	-0.22		ppb
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	-1.41	-0.39	0.42	-0.46		ppb
Silicon	28-1	9.70	9.65	9.44	9.60	1.48	ppb
Silver	107-1	0.13	0.10	0.08	0.10	23.48	ppb
Silver	109-1	0.13	0.11	0.09	0.11	19.83	ppb
Sodium	23-2	97721.10	97248.04	97801.25	97590.13	0.31	ppb
Strontium	86-1	32.93	33.16	34.08	33.39	1.83	ppb
Strontium	88-1	33.40	33.49	33.89	33.59	0.77	ppb
Sulfur	34-1	100982.52	101871.30	101864.86	101572.89	0.50	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.17	0.26	0.27	0.23	23.04	ppb
Thallium	205-1	0.17	0.24	0.26	0.23	20.63	ppb
Tin	118-1	0.19	0.21	0.23	0.21	7.33	ppb
Titanium	47-1	1911.95	1937.75	1960.66	1936.78	1.26	ppb

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:19:54	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.02	5.96	ppb
Vanadium	51-2	0.18	0.17	0.20	0.18	10.27	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	11.49	11.19	11.23	11.30	1.41	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	9.37	ppb
Zirconium	91-1	0.05	0.04	0.05	0.05	14.10	ppb

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:22:57	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90398.43	91092.78	90096.77	90529.33	0.56	ppb
Antimony	121-1	20.24	20.59	20.54	20.46	0.91	ppb
Arsenic	75-2	19.71	20.69	20.24	20.21	2.43	ppb
Barium	135-1	19.63	19.86	19.51	19.67	0.93	ppb
Barium	137-1	20.03	19.97	19.80	19.93	0.59	ppb
Beryllium	9-1	19.88	20.67	20.41	20.32	1.97	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.22	23.93	25.22	24.46	2.78	ppb
Cadmium	106-1	15.33	15.41	13.82	14.85	6.04	ppb
Cadmium	111-1	19.31	19.51	19.35	19.39	0.54	ppb
Calcium	43-1	94171.31	93556.35	92449.53	93392.40	0.93	ppb
Calcium	44-1	93211.59	92591.01	93225.46	93009.35	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.03	40.89	40.51	40.81	0.67	ppb
Cobalt	59-2	21.34	21.09	21.18	21.20	0.60	ppb
Copper	63-2	26.87	27.35	26.71	26.98	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	100785.52	101621.97	100936.03	101114.51	0.44	ppb
Iron	57-2	100584.76	101561.39	100662.30	100936.15	0.54	ppb
Iron	54-2	101321.80	101989.07	101915.01	101741.96	0.36	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:22:57	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.94	24.86	24.66	24.48	1.98	ppb
Lead	207-1	23.36	23.48	23.73	23.52	0.80	ppb
Lead	208-1	23.50	23.97	23.92	23.80	1.10	ppb
Lithium	6-1				102		%
Magnesium	24-2	96548.27	98165.63	96720.61	97144.84	0.91	ppb
Manganese	55-2	28.62	28.65	29.02	28.76	0.77	ppb
Molybdenum	94-1	1502.94	1506.58	1494.52	1501.35	0.41	ppb
Molybdenum	95-1	1804.19	1851.52	1842.72	1832.81	1.37	ppb
Molybdenum	96-1	1786.69	1804.98	1807.99	1799.89	0.64	ppb
Molybdenum	97-1	1821.14	1814.95	1810.90	1815.66	0.28	ppb
Molybdenum	98-1	1810.29	1818.48	1831.08	1819.95	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.92	26.38	26.22	26.17	0.90	ppb
Phosphorus	31-2	98990.33	99954.77	98482.36	99142.48	0.75	ppb
Potassium	39-2	96045.64	97301.77	96416.36	96587.92	0.67	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	20.52	20.14	19.91	20.19	1.53	ppb
Selenium	77-2	20.01	20.47	24.73	21.74	11.99	ppb
Selenium	78-2	18.60	19.05	16.30	17.98	8.19	ppb
Silicon	28-1	9.25	9.53	9.95	9.58	3.71	ppb
Silver	107-1	18.28	18.55	18.62	18.49	0.96	ppb
Silver	109-1	18.40	18.56	18.49	18.48	0.44	ppb
Sodium	23-2	96429.39	98559.84	97913.49	97634.24	1.12	ppb
Strontium	86-1	33.00	33.70	33.76	33.48	1.27	ppb
Strontium	88-1	33.18	33.34	33.52	33.35	0.52	ppb
Sulfur	34-1	100731.55	99022.30	100260.26	100004.70	0.88	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	19.67	20.06	20.21	19.98	1.40	ppb
Thallium	205-1	19.55	20.22	20.23	20.00	1.94	ppb
Tin	118-1	0.19	0.18	0.18	0.18	3.19	ppb
Titanium	47-1	1908.70	1891.21	1888.59	1896.16	0.58	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:22:57	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.02	0.01	15.18	ppb
Vanadium	51-2	20.10	20.19	19.89	20.06	0.77	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	31.00	31.13	29.87	30.66	2.26	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	12.52	ppb
Zirconium	91-1	0.04	0.03	0.04	0.04	11.34	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:26:02	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50233.42	46193.86	48221.38	48216.22	4.19	ppb
Antimony	121-1	476.10	491.84	486.98	484.97	1.66	ppb
Arsenic	75-2	540.14	483.06	509.33	510.84	5.59	ppb
Barium	135-1	2449.93	2475.73	2448.68	2458.11	0.62	ppb
Barium	137-1	2430.76	2469.46	2415.24	2438.49	1.15	ppb
Beryllium	9-1	516.66	521.49	523.01	520.38	0.64	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	498.86	513.18	507.06	506.37	1.42	ppb
Cadmium	106-1	499.94	520.85	500.72	507.17	2.34	ppb
Cadmium	111-1	493.28	503.38	496.41	497.69	1.04	ppb
Calcium	43-1	240202.44	245206.23	243552.51	242987.06	1.05	ppb
Calcium	44-1	234508.52	239898.27	239018.62	237808.47	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.88	476.09	502.94	499.30	4.33	ppb
Cobalt	59-2	510.43	467.17	488.05	488.55	4.43	ppb
Copper	63-2	5203.37	4708.41	4976.32	4962.70	4.99	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				106		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	129278.01	118989.15	124771.31	124346.16	4.15	ppb
Iron	57-2	131954.60	119588.55	127790.32	126444.49	4.98	ppb
Iron	54-2	129616.88	119062.61	124325.67	124335.05	4.24	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:26:02	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2456.44	2476.58	2487.11	2473.38	0.63	ppb
Lead	207-1	2473.85	2506.30	2507.69	2495.95	0.77	ppb
Lead	208-1	2474.75	2490.10	2504.15	2489.67	0.59	ppb
Lithium	6-1				102		%
Magnesium	24-2	251241.18	230061.81	242516.13	241273.04	4.41	ppb
Manganese	55-2	5036.73	4649.32	4916.22	4867.42	4.07	ppb
Molybdenum	94-1	4843.01	4916.56	4913.23	4890.93	0.85	ppb
Molybdenum	95-1	4812.42	4895.33	4925.57	4877.77	1.20	ppb
Molybdenum	96-1	4911.48	4906.08	4931.27	4916.28	0.27	ppb
Molybdenum	97-1	4925.94	4900.13	4952.81	4926.29	0.53	ppb
Molybdenum	98-1	4872.57	4902.06	4878.57	4884.40	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.34	459.28	477.40	478.67	4.19	ppb
Phosphorus	31-2	10081.58	9242.42	9626.32	9650.11	4.35	ppb
Potassium	39-2	125404.10	115200.83	120634.24	120413.05	4.24	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	498.32	496.85	503.83	499.67	0.74	ppb
Selenium	77-2	534.44	475.66	491.58	500.56	6.07	ppb
Selenium	78-2	521.92	472.74	502.90	499.18	4.97	ppb
Silicon	28-1	487.44	499.24	502.61	496.43	1.60	ppb
Silver	107-1	501.72	505.57	496.63	501.30	0.89	ppb
Silver	109-1	501.26	508.27	504.55	504.70	0.69	ppb
Sodium	23-2	251953.15	232301.18	244125.82	242793.39	4.07	ppb
Strontium	86-1	12179.64	12084.55	12237.45	12167.21	0.63	ppb
Strontium	88-1	12140.37	12261.87	12285.32	12229.19	0.64	ppb
Sulfur	34-1	9257.36	9517.62	9520.47	9431.82	1.60	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	494.79	503.06	505.86	501.24	1.15	ppb
Thallium	205-1	488.40	498.08	500.69	495.72	1.31	ppb
Tin	118-1	486.00	486.05	492.36	488.14	0.75	ppb
Titanium	47-1	4927.92	4968.74	4973.76	4956.81	0.51	ppb

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:26:02	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	502.65	507.38	509.81	506.61	0.72	ppb
Vanadium	51-2	519.41	474.49	500.31	498.07	4.53	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	5243.57	4789.15	4951.93	4994.88	4.61	ppb
Zirconium	90-1	489.35	491.84	495.03	492.07	0.58	ppb
Zirconium	91-1	494.79	500.41	500.83	498.68	0.68	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:28:48	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	1.57	2.81	1.93	39.71	ppb
Antimony	121-1	0.34	0.33	0.38	0.35	8.47	ppb
Arsenic	75-2	0.03	0.01	0.03	0.02	51.03	ppb
Barium	135-1	0.04	0.05	0.03	0.04	20.42	ppb
Barium	137-1	0.06	0.03	0.02	0.04	56.01	ppb
Beryllium	9-1	0.11	0.12	0.08	0.10	22.10	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.15	0.07	0.02	0.08	78.51	ppb
Cadmium	106-1	0.02	-1.14	-0.52	-0.55		ppb
Cadmium	111-1	0.03	-0.06	-0.03	-0.02		ppb
Calcium	43-1	4.55	0.45	1.33	2.11	102.50	ppb
Calcium	44-1	4.76	1.20	1.13	2.36	87.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	-0.01	0.02	109.35	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	37.86	ppb
Copper	63-2	0.32	0.30	0.38	0.33	12.33	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				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	4.03	4.28	5.71	4.67	19.33	ppb
Iron	57-2	2.20	2.33	3.92	2.82	34.10	ppb
Iron	54-2	4.58	4.16	4.31	4.35	4.85	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:28:48	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.18	0.18	0.20	12.08	ppb
Lead	207-1	0.22	0.18	0.16	0.19	16.96	ppb
Lead	208-1	0.22	0.17	0.17	0.19	13.46	ppb
Lithium	6-1				108		%
Magnesium	24-2	7.23	7.72	9.49	8.15	14.62	ppb
Manganese	55-2	0.13	0.11	0.11	0.12	9.44	ppb
Molybdenum	94-1	0.41	0.33	0.39	0.38	11.99	ppb
Molybdenum	95-1	0.33	0.26	0.26	0.28	13.77	ppb
Molybdenum	96-1	0.27	0.28	0.30	0.28	5.48	ppb
Molybdenum	97-1	0.33	0.28	0.27	0.30	10.85	ppb
Molybdenum	98-1	0.29	0.25	0.28	0.27	8.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	-0.04	0.03	0.02	292.20	ppb
Phosphorus	31-2	-14.32	-11.77	-18.27	-14.78		ppb
Potassium	39-2	7.03	6.85	4.47	6.12	23.39	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	-0.50	-0.35	0.12	-0.24		ppb
Selenium	77-2	-0.11	-0.11	0.57	0.11	347.04	ppb
Selenium	78-2	0.44	-0.34	0.07	0.05	724.67	ppb
Silicon	28-1	-1.51	-1.28	-1.60	-1.46		ppb
Silver	107-1	0.10	0.07	0.06	0.08	27.22	ppb
Silver	109-1	0.11	0.07	0.06	0.08	34.91	ppb
Sodium	23-2	51.83	55.38	55.02	54.08	3.61	ppb
Strontium	86-1	0.34	0.24	0.22	0.27	24.20	ppb
Strontium	88-1	0.36	0.25	0.24	0.28	23.85	ppb
Sulfur	34-1	-840.89	-755.44	-773.33	-789.89		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.05	0.04	0.05	15.13	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	14.46	ppb
Tin	118-1	0.08	0.09	0.09	0.09	5.95	ppb
Titanium	47-1	0.23	0.25	0.22	0.24	7.25	ppb

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:28:48	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	11.95	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	65.24	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	-0.03	-0.09	0.04	-0.03		ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	4.33	ppb
Zirconium	91-1	0.07	0.08	0.08	0.08	9.26	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BL	Instrumnet Name :	P7
Client Sample ID :	PBS536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:32:47	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.45	0.38	0.27	91.93	ppb
Antimony	121-1	0.07	0.07	0.09	0.08	13.68	ppb
Arsenic	75-2	0.02	0.00	0.01	0.01	102.04	ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	23.47	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.07	0.10	0.05	141.66	ppb
Cadmium	106-1	-0.42	-0.25	-0.26	-0.31		ppb
Cadmium	111-1	-0.03	-0.02	-0.02	-0.02		ppb
Calcium	43-1	-1.66	0.64	-2.09	-1.04		ppb
Calcium	44-1	-2.95	-2.65	-2.75	-2.78		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.03	0.03	0.04	36.55	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.08	0.06	0.08	0.07	16.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	0.24	0.38	0.45	0.36	31.04	ppb
Iron	57-2	-2.50	-1.12	-1.17	-1.60		ppb
Iron	54-2	1.05	1.13	0.17	0.78	67.99	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BL	Instrumnet Name :	P7
Client Sample ID :	PBS536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:32:47	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.09	0.07	0.08	12.37	ppb
Lead	207-1	0.06	0.09	0.06	0.07	21.70	ppb
Lead	208-1	0.07	0.07	0.07	0.07	4.74	ppb
Lithium	6-1				107		%
Magnesium	24-2	1.02	1.39	1.83	1.42	28.70	ppb
Manganese	55-2	-0.05	-0.05	-0.02	-0.04		ppb
Molybdenum	94-1	0.08	0.08	0.09	0.08	9.46	ppb
Molybdenum	95-1	0.03	0.03	0.05	0.03	40.19	ppb
Molybdenum	96-1	0.03	0.08	0.04	0.05	51.00	ppb
Molybdenum	97-1	0.06	0.05	0.05	0.05	4.98	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	6.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.07	-0.03	-0.05		ppb
Phosphorus	31-2	-11.60	-17.93	-13.65	-14.39		ppb
Potassium	39-2	0.73	2.21	1.34	1.43	52.04	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	-1.20	-0.30	0.17	-0.44		ppb
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	0.81	-0.49	-1.13	-0.27		ppb
Silicon	28-1	-2.05	-1.94	-1.36	-1.78		ppb
Silver	107-1	0.01	0.01	0.02	0.02	15.47	ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.69	ppb
Sodium	23-2	24.05	23.81	23.88	23.91	0.52	ppb
Strontium	86-1	0.04	0.02	0.02	0.03	54.75	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	10.63	ppb
Sulfur	34-1	-505.64	-555.04	-405.17	-488.62		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.02	0.03	0.03	7.32	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	8.45	ppb
Tin	118-1	0.00	0.01	0.01	0.01	57.52	ppb
Titanium	47-1	0.04	0.11	0.08	0.08	43.50	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BL	Instrumnet Name :	P7
Client Sample ID :	PBS536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:32:47	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	59.77	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	-0.19	-0.36	-0.12	-0.22		ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	13.27	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	7.53	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BS	Instrumnet Name :	P7
Client Sample ID :	LCS536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:36:04	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.94	41.34	38.46	40.25	3.89	ppb
Antimony	121-1	4.07	4.22	4.22	4.17	2.05	ppb
Arsenic	75-2	2.14	2.29	2.15	2.20	3.74	ppb
Barium	135-1	19.07	18.82	19.34	19.07	1.37	ppb
Barium	137-1	19.05	19.05	19.66	19.25	1.82	ppb
Beryllium	9-1	2.21	2.10	2.18	2.16	2.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.00	2.27	1.92	2.06	8.99	ppb
Cadmium	106-1	2.06	0.70	0.80	1.19	64.08	ppb
Cadmium	111-1	2.27	2.10	2.29	2.22	4.62	ppb
Calcium	43-1	975.11	960.02	972.79	969.31	0.84	ppb
Calcium	44-1	974.68	994.66	983.09	984.14	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.68	4.71	4.56	4.65	1.69	ppb
Cobalt	59-2	2.17	2.10	2.17	2.15	1.83	ppb
Copper	63-2	4.43	4.36	4.43	4.41	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				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	447.03	446.45	448.08	447.19	0.19	ppb
Iron	57-2	451.02	442.11	452.18	448.44	1.23	ppb
Iron	54-2	459.68	457.38	457.41	458.16	0.29	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BS	Instrumnet Name :	P7
Client Sample ID :	LCS536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:36:04	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.88	1.92	1.89	1.90	0.95	ppb
Lead	207-1	1.89	1.90	1.85	1.88	1.46	ppb
Lead	208-1	1.86	1.90	1.88	1.88	1.19	ppb
Lithium	6-1				103		%
Magnesium	24-2	1115.42	1112.26	1104.08	1110.59	0.53	ppb
Manganese	55-2	2.07	2.05	2.12	2.08	1.77	ppb
Molybdenum	94-1	11.58	11.50	11.51	11.53	0.39	ppb
Molybdenum	95-1	9.65	9.56	9.52	9.58	0.65	ppb
Molybdenum	96-1	9.94	9.82	9.73	9.83	1.06	ppb
Molybdenum	97-1	9.50	9.89	9.47	9.62	2.46	ppb
Molybdenum	98-1	9.68	9.61	9.57	9.62	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.34	2.40	2.31	2.35	1.80	ppb
Phosphorus	31-2	-14.93	-16.62	-7.52	-13.02		ppb
Potassium	39-2	1095.60	1090.80	1082.43	1089.61	0.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	9.25	9.82	10.22	9.76	4.99	ppb
Selenium	77-2	11.35	7.65	7.58	8.86	24.38	ppb
Selenium	78-2	10.24	11.66	11.21	11.04	6.61	ppb
Silicon	28-1	7.98	8.27	8.52	8.26	3.33	ppb
Silver	107-1	2.02	2.13	2.06	2.07	2.52	ppb
Silver	109-1	2.03	2.09	2.09	2.07	1.60	ppb
Sodium	23-2	1049.81	1060.17	1055.33	1055.10	0.49	ppb
Strontium	86-1	2.13	2.09	2.08	2.10	1.09	ppb
Strontium	88-1	2.01	2.05	2.05	2.03	1.06	ppb
Sulfur	34-1	-450.81	-435.04	-481.19	-455.68		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	1.75	1.81	1.87	1.81	3.33	ppb
Thallium	205-1	1.75	1.75	1.77	1.76	0.38	ppb
Tin	118-1	-0.01	0.01	0.02	0.01	152.82	ppb
Titanium	47-1	10.06	10.27	9.67	10.00	3.05	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BS	Instrumnet Name :	P7
Client Sample ID :	LCS536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:36:04	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.64	1.68	1.65	1.66	1.14	ppb
Vanadium	51-2	10.44	10.48	10.35	10.42	0.65	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	10.35	10.52	10.68	10.52	1.59	ppb
Zirconium	90-1	2.12	2.10	2.06	2.10	1.44	ppb
Zirconium	91-1	2.16	2.14	2.10	2.13	1.47	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:39:23	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.58	19.74	20.09	19.80	1.31	ppb
Antimony	121-1	2.02	2.02	2.04	2.03	0.55	ppb
Arsenic	75-2	1.09	1.02	1.10	1.07	3.91	ppb
Barium	135-1	9.50	9.61	9.60	9.57	0.64	ppb
Barium	137-1	9.39	9.63	9.54	9.52	1.27	ppb
Beryllium	9-1	1.06	1.06	1.05	1.05	0.46	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.33	1.27	1.33	1.31	2.44	ppb
Cadmium	106-1	1.21	1.08	0.58	0.96	34.79	ppb
Cadmium	111-1	1.15	1.12	0.94	1.07	10.71	ppb
Calcium	43-1	480.76	484.59	468.32	477.89	1.78	ppb
Calcium	44-1	483.18	486.91	499.31	489.80	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.37	2.28	2.33	2.33	1.93	ppb
Cobalt	59-2	1.08	1.07	1.09	1.08	0.82	ppb
Copper	63-2	2.18	2.14	2.33	2.22	4.64	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				105		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	224.24	222.43	225.20	223.96	0.63	ppb
Iron	57-2	221.27	222.83	222.03	222.04	0.35	ppb
Iron	54-2	225.42	225.29	225.83	225.51	0.13	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:39:23	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.97	0.94	0.94	0.95	2.20	ppb
Lead	207-1	0.97	0.94	0.93	0.95	2.17	ppb
Lead	208-1	0.95	0.95	0.94	0.95	0.53	ppb
Lithium	6-1				103		%
Magnesium	24-2	560.47	549.20	554.13	554.60	1.02	ppb
Manganese	55-2	1.02	1.02	1.10	1.05	4.58	ppb
Molybdenum	94-1	5.98	5.93	5.94	5.95	0.43	ppb
Molybdenum	95-1	4.79	4.57	4.93	4.77	3.80	ppb
Molybdenum	96-1	4.98	4.91	4.96	4.95	0.69	ppb
Molybdenum	97-1	4.76	4.88	4.79	4.81	1.36	ppb
Molybdenum	98-1	4.84	4.83	4.83	4.83	0.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.24	1.24	1.23	2.32	ppb
Phosphorus	31-2	-16.76	-16.80	-17.05	-16.87		ppb
Potassium	39-2	543.00	536.68	543.91	541.20	0.73	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	5.22	5.43	5.17	5.27	2.64	ppb
Selenium	77-2	3.95	5.22	5.26	4.81	15.40	ppb
Selenium	78-2	4.71	5.75	6.03	5.50	12.63	ppb
Silicon	28-1	3.59	3.54	3.68	3.61	1.96	ppb
Silver	107-1	1.02	1.08	1.05	1.05	2.88	ppb
Silver	109-1	1.01	1.03	1.08	1.04	3.28	ppb
Sodium	23-2	530.94	529.85	535.34	532.04	0.55	ppb
Strontium	86-1	1.04	1.00	1.03	1.02	2.47	ppb
Strontium	88-1	0.99	1.03	1.04	1.02	2.37	ppb
Sulfur	34-1	-515.94	-575.27	-487.49	-526.23		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.91	0.91	0.91	0.91	0.27	ppb
Thallium	205-1	0.91	0.89	0.89	0.89	1.18	ppb
Tin	118-1	0.04	0.04	0.02	0.04	32.79	ppb
Titanium	47-1	4.97	5.22	5.08	5.09	2.44	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:39:23	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.83	0.82	0.83	1.33	ppb
Vanadium	51-2	5.31	5.05	5.18	5.18	2.48	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	5.33	4.64	5.22	5.06	7.32	ppb
Zirconium	90-1	1.05	1.05	1.07	1.06	1.23	ppb
Zirconium	91-1	1.04	1.06	1.09	1.06	2.61	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BL	Instrumnet Name :	P7
Client Sample ID :	PBS570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:42:39	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	-0.06	-0.17	-0.10		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	26.31	ppb
Arsenic	75-2	-0.01	0.04	-0.01	0.01	450.14	ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.00	0.02	0.02	78.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.02	0.05	0.06	65.80	ppb
Cadmium	106-1	-0.13	-0.66	-0.91	-0.57		ppb
Cadmium	111-1	-0.01	-0.05	-0.07	-0.04		ppb
Calcium	43-1	-3.19	-4.64	-0.82	-2.89		ppb
Calcium	44-1	-3.54	-3.00	-3.04	-3.19		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.09	0.04	0.05	60.31	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.02	0.01	0.03	0.02	43.58	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				106		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	-0.32	-0.32	-0.42	-0.35		ppb
Iron	57-2	-0.58	-3.11	-0.52	-1.40		ppb
Iron	54-2	-0.51	0.75	0.58	0.27	248.57	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BL	Instrumnet Name :	P7
Client Sample ID :	PBS570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:42:39	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.03	0.02	33.37	ppb
Lead	207-1	0.02	0.03	0.02	0.03	12.01	ppb
Lead	208-1	0.01	0.02	0.02	0.02	20.30	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.66	0.57	0.62	0.62	7.50	ppb
Manganese	55-2	-0.07	-0.04	-0.04	-0.05		ppb
Molybdenum	94-1	0.04	0.05	0.05	0.05	17.92	ppb
Molybdenum	95-1	0.00	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	84.89	ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	33.30	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	95.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.12	0.12	0.11	17.94	ppb
Phosphorus	31-2	-20.64	-14.25	-20.67	-18.52		ppb
Potassium	39-2	-2.52	-5.28	-4.23	-4.01		ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	-0.73	-0.62	0.03	-0.44		ppb
Selenium	77-2	-0.11	0.22	-0.11	0.00		ppb
Selenium	78-2	0.46	0.01	0.87	0.45	95.91	ppb
Silicon	28-1	-1.24	-1.54	-1.31	-1.36		ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.42	ppb
Silver	109-1	0.02	0.02	0.01	0.01	24.48	ppb
Sodium	23-2	10.76	10.07	8.54	9.79	11.61	ppb
Strontium	86-1	0.00	0.02	0.00	0.01	205.39	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-584.87	-603.66	-553.51	-580.68		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.01	0.01	17.91	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.34	ppb
Tin	118-1	0.00	0.00	0.00	0.00	1240.39	ppb
Titanium	47-1	0.03	0.02	0.06	0.04	47.52	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BL	Instrumnet Name :	P7
Client Sample ID :	PBS570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:42:39	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	-0.01	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	-0.23	-0.27	-0.27	-0.26		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	6.45	ppb
Zirconium	91-1	0.02	0.00	0.02	0.01	78.02	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BS	Instrumnet Name :	P7
Client Sample ID :	LCS570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:45:59	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.67	41.93	42.48	42.36	0.90	ppb
Antimony	121-1	4.02	4.15	4.12	4.10	1.62	ppb
Arsenic	75-2	1.89	2.20	2.20	2.09	8.46	ppb
Barium	135-1	18.90	19.48	19.83	19.40	2.43	ppb
Barium	137-1	19.36	19.28	19.53	19.39	0.67	ppb
Beryllium	9-1	2.17	2.06	2.13	2.12	2.77	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.92	2.57	1.94	2.14	17.16	ppb
Cadmium	106-1	1.60	2.43	1.45	1.83	28.69	ppb
Cadmium	111-1	2.20	2.18	2.18	2.19	0.56	ppb
Calcium	43-1	979.10	973.13	985.45	979.23	0.63	ppb
Calcium	44-1	980.25	971.78	987.95	979.99	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.62	4.53	4.39	4.51	2.65	ppb
Cobalt	59-2	2.17	2.11	2.23	2.17	2.91	ppb
Copper	63-2	4.43	4.32	4.36	4.37	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				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	451.02	448.34	450.84	450.07	0.33	ppb
Iron	57-2	457.34	454.84	454.22	455.47	0.36	ppb
Iron	54-2	458.68	455.43	460.11	458.08	0.52	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BS	Instrumnet Name :	P7
Client Sample ID :	LCS570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:45:59	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.87	1.83	1.81	1.84	1.70	ppb
Lead	207-1	1.86	1.81	1.84	1.84	1.23	ppb
Lead	208-1	1.86	1.85	1.82	1.84	0.96	ppb
Lithium	6-1				102		%
Magnesium	24-2	1113.17	1110.78	1114.29	1112.74	0.16	ppb
Manganese	55-2	2.14	2.08	2.18	2.13	2.24	ppb
Molybdenum	94-1	11.58	11.67	11.59	11.61	0.45	ppb
Molybdenum	95-1	9.45	9.62	9.56	9.54	0.93	ppb
Molybdenum	96-1	9.99	9.84	9.88	9.90	0.79	ppb
Molybdenum	97-1	9.78	9.72	9.80	9.77	0.41	ppb
Molybdenum	98-1	9.64	9.53	9.63	9.60	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.46	2.29	2.26	2.33	4.60	ppb
Phosphorus	31-2	-17.33	-16.85	-14.28	-16.16		ppb
Potassium	39-2	1092.91	1096.98	1094.62	1094.84	0.19	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	10.42	11.18	11.00	10.87	3.66	ppb
Selenium	77-2	10.51	8.93	11.55	10.33	12.79	ppb
Selenium	78-2	10.40	12.85	11.16	11.47	10.94	ppb
Silicon	28-1	7.93	8.07	8.61	8.21	4.38	ppb
Silver	107-1	2.09	2.13	2.18	2.13	2.23	ppb
Silver	109-1	2.06	2.12	2.16	2.11	2.45	ppb
Sodium	23-2	1045.17	1042.25	1048.78	1045.40	0.31	ppb
Strontium	86-1	2.01	2.09	2.00	2.03	2.61	ppb
Strontium	88-1	2.01	2.00	2.04	2.02	0.97	ppb
Sulfur	34-1	-395.77	-466.61	-356.01	-406.13		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1.76	1.79	1.72	1.76	2.04	ppb
Thallium	205-1	1.79	1.76	1.79	1.78	0.80	ppb
Tin	118-1	0.00	0.03	0.03	0.02	81.46	ppb
Titanium	47-1	10.05	10.16	10.14	10.12	0.56	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BS	Instrumnet Name :	P7
Client Sample ID :	LCS570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:45:59	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.67	1.70	1.70	1.69	1.15	ppb
Vanadium	51-2	10.59	10.51	10.31	10.47	1.37	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	10.23	10.59	10.57	10.46	1.93	ppb
Zirconium	90-1	2.07	2.09	2.07	2.08	0.44	ppb
Zirconium	91-1	2.11	2.06	2.09	2.09	1.10	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:49:16	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.04	19.40	20.14	20.19	4.07	ppb
Antimony	121-1	2.07	2.10	2.04	2.07	1.39	ppb
Arsenic	75-2	1.06	1.08	1.14	1.09	3.69	ppb
Barium	135-1	9.65	9.85	9.83	9.78	1.10	ppb
Barium	137-1	9.89	9.83	9.86	9.86	0.27	ppb
Beryllium	9-1	1.10	1.08	1.03	1.07	3.38	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	0.98	1.43	1.28	20.36	ppb
Cadmium	106-1	1.63	1.49	0.63	1.25	43.09	ppb
Cadmium	111-1	1.21	1.09	1.11	1.14	5.61	ppb
Calcium	43-1	479.26	478.28	484.26	480.60	0.67	ppb
Calcium	44-1	486.64	486.33	496.39	489.79	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.44	2.34	2.26	2.35	3.89	ppb
Cobalt	59-2	1.09	1.06	1.03	1.06	2.53	ppb
Copper	63-2	2.32	2.22	2.24	2.26	2.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	224.90	224.30	223.82	224.34	0.24	ppb
Iron	57-2	225.90	229.01	230.86	228.59	1.10	ppb
Iron	54-2	225.64	224.43	230.72	226.93	1.47	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:49:16	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.95	0.93	0.90	0.92	2.66	ppb
Lead	207-1	0.92	0.92	0.92	0.92	0.03	ppb
Lead	208-1	0.93	0.92	0.90	0.92	1.67	ppb
Lithium	6-1				103		%
Magnesium	24-2	562.16	555.48	553.16	556.93	0.84	ppb
Manganese	55-2	1.09	0.94	1.02	1.02	7.44	ppb
Molybdenum	94-1	5.82	5.88	5.68	5.79	1.74	ppb
Molybdenum	95-1	4.80	4.89	4.84	4.84	0.86	ppb
Molybdenum	96-1	4.86	5.02	5.01	4.97	1.82	ppb
Molybdenum	97-1	4.77	4.90	4.97	4.88	2.06	ppb
Molybdenum	98-1	4.83	4.77	4.81	4.80	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.28	1.18	1.16	1.21	5.07	ppb
Phosphorus	31-2	-13.43	-13.05	-12.11	-12.86		ppb
Potassium	39-2	545.23	543.23	547.56	545.34	0.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	5.00	5.20	5.57	5.26	5.49	ppb
Selenium	77-2	3.18	4.49	6.95	4.88	39.20	ppb
Selenium	78-2	4.45	4.63	5.75	4.94	14.20	ppb
Silicon	28-1	3.35	3.12	3.92	3.46	11.88	ppb
Silver	107-1	1.08	1.09	1.08	1.08	0.59	ppb
Silver	109-1	1.04	1.11	1.08	1.08	3.05	ppb
Sodium	23-2	525.01	524.11	523.65	524.26	0.13	ppb
Strontium	86-1	1.02	1.01	1.01	1.01	0.32	ppb
Strontium	88-1	1.01	1.04	1.02	1.03	1.72	ppb
Sulfur	34-1	-369.99	-396.10	-279.68	-348.59		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.89	0.91	0.90	0.90	1.44	ppb
Thallium	205-1	0.89	0.89	0.90	0.89	1.14	ppb
Tin	118-1	0.00	-0.01	0.02	0.00	372.42	ppb
Titanium	47-1	4.75	5.03	5.11	4.96	3.79	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:49:16	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.83	0.84	0.84	1.02	ppb
Vanadium	51-2	5.07	5.22	5.18	5.16	1.46	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	5.19	4.88	5.13	5.07	3.19	ppb
Zirconium	90-1	1.04	1.05	1.06	1.05	0.78	ppb
Zirconium	91-1	1.09	1.05	1.08	1.08	1.80	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01	Instrumnet Name :	P7
Client Sample ID :	MYD3M2	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:52:35	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15813.37	15583.69	15572.18	15656.41	0.87	ppb
Antimony	121-1	0.92	0.95	0.93	0.93	1.28	ppb
Arsenic	75-2	42.71	42.90	42.76	42.79	0.24	ppb
Barium	135-1	473.77	474.17	463.46	470.47	1.29	ppb
Barium	137-1	496.42	498.39	483.10	492.64	1.69	ppb
Beryllium	9-1	1.46	1.34	1.38	1.39	4.53	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.98	1.67	1.86	1.84	8.47	ppb
Cadmium	106-1	2.01	3.80	2.45	2.75	33.89	ppb
Cadmium	111-1	1.60	1.74	1.61	1.65	4.47	ppb
Calcium	43-1	5527.95	5669.21	5474.14	5557.10	1.81	ppb
Calcium	44-1	5273.42	5313.74	5213.72	5266.96	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.74	54.49	55.08	54.77	0.55	ppb
Cobalt	59-2	43.59	43.62	44.29	43.83	0.90	ppb
Copper	63-2	120.07	120.62	120.17	120.29	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	44830.85	44798.53	44821.39	44816.93	0.04	ppb
Iron	57-2	45035.96	45019.78	44473.52	44843.09	0.71	ppb
Iron	54-2	44797.68	44389.00	44776.83	44654.50	0.52	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01	Instrumnet Name :	P7
Client Sample ID :	MYD3M2	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:52:35	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.69	57.44	57.70	57.94	1.14	ppb
Lead	207-1	56.80	56.91	56.20	56.64	0.67	ppb
Lead	208-1	57.28	56.84	56.71	56.94	0.53	ppb
Lithium	6-1				106		%
Magnesium	24-2	9764.79	9892.12	9875.51	9844.14	0.70	ppb
Manganese	55-2	3388.54	3400.13	3417.89	3402.19	0.43	ppb
Molybdenum	94-1	7.98	8.06	8.03	8.02	0.50	ppb
Molybdenum	95-1	1.07	1.09	1.06	1.07	1.67	ppb
Molybdenum	96-1	2.15	2.12	2.00	2.09	3.87	ppb
Molybdenum	97-1	0.97	1.01	0.97	0.98	2.52	ppb
Molybdenum	98-1	0.95	0.99	0.95	0.96	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.55	65.80	66.87	66.41	0.83	ppb
Phosphorus	31-2	1714.66	1694.36	1703.39	1704.14	0.60	ppb
Potassium	39-2	6189.12	6126.78	6215.41	6177.10	0.74	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	0.18	0.27	0.86	0.44	83.72	ppb
Selenium	77-2	15.01	15.04	13.02	14.36	8.06	ppb
Selenium	78-2	2.19	2.50	2.55	2.41	7.94	ppb
Silicon	28-1	5124.20	5177.94	5077.44	5126.53	0.98	ppb
Silver	107-1	0.48	0.46	0.46	0.46	2.14	ppb
Silver	109-1	0.47	0.45	0.48	0.47	3.12	ppb
Sodium	23-2	165.93	166.89	169.13	167.32	0.98	ppb
Strontium	86-1	42.95	43.09	42.32	42.79	0.96	ppb
Strontium	88-1	43.33	42.98	41.87	42.73	1.79	ppb
Sulfur	34-1	-698.28	-808.41	-994.98	-833.89		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.49	0.50	0.48	0.49	2.05	ppb
Thallium	205-1	0.50	0.50	0.47	0.49	3.46	ppb
Tin	118-1	1.51	1.55	1.55	1.54	1.44	ppb
Titanium	47-1	895.32	900.29	889.53	895.05	0.60	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01	Instrumnet Name :	P7
Client Sample ID :	MYD3M2	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:52:35	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.84	0.84	0.84	0.70	ppb
Vanadium	51-2	110.05	108.76	108.73	109.18	0.69	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	172.65	171.24	171.53	171.81	0.43	ppb
Zirconium	90-1	4.18	4.17	4.10	4.15	1.02	ppb
Zirconium	91-1	4.18	4.17	4.04	4.13	1.85	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-02	Instrumnet Name :	P7
Client Sample ID :	MYD3M2D	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:55:44	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15402.36	14954.18	15791.15	15382.57	2.72	ppb
Antimony	121-1	0.91	0.94	0.92	0.92	1.91	ppb
Arsenic	75-2	42.35	42.56	42.82	42.57	0.55	ppb
Barium	135-1	461.26	471.05	473.69	468.67	1.40	ppb
Barium	137-1	487.33	489.70	491.05	489.36	0.38	ppb
Beryllium	9-1	1.30	1.37	1.25	1.31	4.52	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.75	1.88	1.87	1.83	4.11	ppb
Cadmium	106-1	2.02	0.43	0.84	1.10	75.17	ppb
Cadmium	111-1	1.53	1.44	1.52	1.49	3.37	ppb
Calcium	43-1	5458.79	5683.10	5616.80	5586.23	2.06	ppb
Calcium	44-1	5145.42	5285.88	5244.60	5225.30	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.43	53.20	55.41	54.68	2.34	ppb
Cobalt	59-2	44.41	43.00	44.33	43.91	1.81	ppb
Copper	63-2	119.93	115.80	120.36	118.69	2.12	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				108		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	44816.66	43747.09	45302.46	44622.07	1.78	ppb
Iron	57-2	44736.51	43464.00	44915.62	44372.04	1.78	ppb
Iron	54-2	44915.29	44072.91	45858.21	44948.80	1.99	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-02	Instrumnet Name :	P7
Client Sample ID :	MYD3M2D	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:55:44	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.18	58.46	57.99	57.88	1.12	ppb
Lead	207-1	56.30	57.26	56.98	56.85	0.87	ppb
Lead	208-1	56.34	57.94	57.41	57.23	1.42	ppb
Lithium	6-1				103		%
Magnesium	24-2	9831.57	9675.05	9907.42	9804.68	1.21	ppb
Manganese	55-2	3456.98	3338.03	3468.28	3421.10	2.11	ppb
Molybdenum	94-1	8.05	7.92	8.13	8.03	1.31	ppb
Molybdenum	95-1	1.06	1.02	1.04	1.04	2.11	ppb
Molybdenum	96-1	2.05	2.06	2.12	2.07	1.79	ppb
Molybdenum	97-1	0.98	1.02	1.08	1.03	5.23	ppb
Molybdenum	98-1	0.97	0.97	0.97	0.97	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.06	65.24	67.36	66.55	1.72	ppb
Phosphorus	31-2	1675.99	1639.61	1720.83	1678.81	2.42	ppb
Potassium	39-2	6169.35	5905.04	6164.18	6079.53	2.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.02	-0.71	0.46	-0.08		ppb
Selenium	77-2	9.22	11.12	16.12	12.15	29.31	ppb
Selenium	78-2	3.36	1.51	4.21	3.03	45.58	ppb
Silicon	28-1	5044.60	5203.22	5172.39	5140.07	1.64	ppb
Silver	107-1	0.38	0.42	0.41	0.40	5.44	ppb
Silver	109-1	0.38	0.39	0.40	0.39	2.56	ppb
Sodium	23-2	172.69	168.75	177.88	173.11	2.65	ppb
Strontium	86-1	42.48	43.19	43.30	42.99	1.04	ppb
Strontium	88-1	42.41	43.07	43.42	42.97	1.19	ppb
Sulfur	34-1	-1201.09	-1218.26	-1384.98	-1268.11		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.39	0.38	0.40	0.39	1.97	ppb
Thallium	205-1	0.39	0.38	0.41	0.39	3.31	ppb
Tin	118-1	1.47	1.47	1.49	1.48	0.96	ppb
Titanium	47-1	878.49	908.43	893.66	893.53	1.68	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-02	Instrumnet Name :	P7
Client Sample ID :	MYD3M2D	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:55:44	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.83	0.85	0.84	1.42	ppb
Vanadium	51-2	111.24	105.93	111.37	109.51	2.84	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	173.53	165.69	174.85	171.35	2.89	ppb
Zirconium	90-1	4.07	4.21	4.18	4.15	1.73	ppb
Zirconium	91-1	4.05	4.13	4.21	4.13	1.86	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD3M2L	Dilution Factor :	5
Date & Time Acquired :	2024-09-29 16:58:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3042.17	2972.97	3031.57	3015.57	1.24	ppb
Antimony	121-1	0.17	0.18	0.17	0.17	1.83	ppb
Arsenic	75-2	8.78	7.85	8.83	8.49	6.52	ppb
Barium	135-1	90.07	90.87	88.18	89.70	1.54	ppb
Barium	137-1	87.69	88.91	87.37	87.99	0.93	ppb
Beryllium	9-1	0.22	0.27	0.26	0.25	10.02	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.30	0.43	0.45	0.39	20.63	ppb
Cadmium	106-1	-1.01	-1.15	-1.53	-1.23		ppb
Cadmium	111-1	0.21	0.23	0.16	0.20	16.43	ppb
Calcium	43-1	1022.24	1071.08	1073.99	1055.77	2.75	ppb
Calcium	44-1	1028.49	1066.48	1077.44	1057.47	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.72	10.30	10.69	10.57	2.23	ppb
Cobalt	59-2	8.60	8.37	8.42	8.47	1.41	ppb
Copper	63-2	22.98	22.35	23.05	22.79	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	8592.59	8323.20	8633.09	8516.29	1.98	ppb
Iron	57-2	9097.19	8830.96	8998.07	8975.41	1.50	ppb
Iron	54-2	9069.88	8889.80	9066.87	9008.85	1.14	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD3M2L	Dilution Factor :	5
Date & Time Acquired :	2024-09-29 16:58:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.05	11.04	11.18	11.09	0.69	ppb
Lead	207-1	10.70	10.64	10.95	10.76	1.54	ppb
Lead	208-1	10.69	10.76	10.88	10.78	0.92	ppb
Lithium	6-1				100		%
Magnesium	24-2	1944.26	1898.83	1947.50	1930.20	1.41	ppb
Manganese	55-2	672.81	657.22	672.88	667.63	1.35	ppb
Molybdenum	94-1	1.47	1.50	1.57	1.51	3.62	ppb
Molybdenum	95-1	0.21	0.20	0.23	0.21	8.26	ppb
Molybdenum	96-1	0.40	0.38	0.42	0.40	6.16	ppb
Molybdenum	97-1	0.21	0.20	0.19	0.20	3.54	ppb
Molybdenum	98-1	0.18	0.20	0.17	0.19	8.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.05	12.30	12.71	12.68	2.93	ppb
Phosphorus	31-2	328.59	297.72	300.52	308.95	5.53	ppb
Potassium	39-2	1239.30	1204.80	1239.31	1227.80	1.62	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	-0.63	-0.80	-0.22	-0.55		ppb
Selenium	77-2	2.25	2.51	3.62	2.80	26.08	ppb
Selenium	78-2	0.62	0.06	0.55	0.41	74.33	ppb
Silicon	28-1	951.79	989.39	998.74	979.97	2.54	ppb
Silver	107-1	0.06	0.06	0.07	0.06	9.08	ppb
Silver	109-1	0.07	0.07	0.06	0.07	4.15	ppb
Sodium	23-2	47.91	46.49	47.40	47.27	1.53	ppb
Strontium	86-1	8.38	8.49	8.56	8.48	1.05	ppb
Strontium	88-1	8.26	8.26	8.49	8.34	1.63	ppb
Sulfur	34-1	-1770.60	-1609.80	-1557.99	-1646.13		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.07	0.07	0.07	1.90	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	2.23	ppb
Tin	118-1	0.30	0.32	0.34	0.32	6.05	ppb
Titanium	47-1	167.47	172.05	173.99	171.17	1.96	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD3M2L	Dilution Factor :	5
Date & Time Acquired :	2024-09-29 16:58:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.16	0.16	0.16	3.24	ppb
Vanadium	51-2	21.00	20.36	20.86	20.74	1.61	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	34.05	34.47	34.42	34.31	0.67	ppb
Zirconium	90-1	0.81	0.83	0.81	0.82	1.42	ppb
Zirconium	91-1	0.73	0.81	0.78	0.78	5.07	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-03	Instrumnet Name :	P7
Client Sample ID :	MYD3M2S	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:02:09	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16108.71	16304.52	16305.73	16239.66	0.70	ppb
Antimony	121-1	60.70	60.05	59.47	60.07	1.02	ppb
Arsenic	75-2	63.91	65.09	65.81	64.94	1.48	ppb
Barium	135-1	1693.01	1675.30	1673.83	1680.71	0.64	ppb
Barium	137-1	1675.38	1660.34	1646.31	1660.68	0.88	ppb
Beryllium	9-1	30.45	30.41	30.14	30.33	0.56	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.27	29.64	31.29	30.07	3.57	ppb
Cadmium	106-1	28.02	27.66	26.50	27.39	2.89	ppb
Cadmium	111-1	31.36	31.48	30.75	31.19	1.25	ppb
Calcium	43-1	5501.57	5550.38	5524.91	5525.62	0.44	ppb
Calcium	44-1	5208.42	5233.97	5242.66	5228.35	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	171.52	174.38	176.71	174.20	1.49	ppb
Cobalt	59-2	336.16	342.03	345.29	341.16	1.36	ppb
Copper	63-2	255.52	257.67	261.90	258.36	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	43757.67	44393.72	44785.02	44312.14	1.17	ppb
Iron	57-2	43994.44	44161.91	45596.35	44584.23	1.97	ppb
Iron	54-2	44141.70	44237.63	44991.38	44456.90	1.05	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-03	Instrumnet Name :	P7
Client Sample ID :	MYD3M2S	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:02:09	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	69.06	67.20	68.92	68.40	1.51	ppb
Lead	207-1	69.00	66.70	67.47	67.72	1.73	ppb
Lead	208-1	68.67	66.75	67.91	67.78	1.43	ppb
Lithium	6-1				102		%
Magnesium	24-2	9565.32	9566.25	9750.35	9627.31	1.11	ppb
Manganese	55-2	3613.32	3665.86	3734.50	3671.23	1.66	ppb
Molybdenum	94-1	8.16	7.89	8.18	8.08	2.03	ppb
Molybdenum	95-1	1.09	1.03	1.01	1.05	3.96	ppb
Molybdenum	96-1	2.04	2.02	2.04	2.04	0.52	ppb
Molybdenum	97-1	1.01	1.00	0.98	0.99	1.62	ppb
Molybdenum	98-1	0.99	0.93	0.97	0.96	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	363.69	371.16	376.99	370.61	1.80	ppb
Phosphorus	31-2	1674.70	1670.65	1681.62	1675.65	0.33	ppb
Potassium	39-2	5844.62	5931.62	6023.14	5933.13	1.50	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	75.66	71.87	72.65	73.39	2.73	ppb
Selenium	77-2	80.62	93.91	82.42	85.65	8.42	ppb
Selenium	78-2	70.23	73.50	79.30	74.34	6.18	ppb
Silicon	28-1	5059.52	5095.37	5086.40	5080.43	0.37	ppb
Silver	107-1	30.57	30.53	30.35	30.48	0.39	ppb
Silver	109-1	30.76	30.29	30.66	30.57	0.81	ppb
Sodium	23-2	154.95	160.43	163.90	159.76	2.82	ppb
Strontium	86-1	43.20	42.72	42.34	42.75	1.01	ppb
Strontium	88-1	43.37	42.38	42.57	42.77	1.22	ppb
Sulfur	34-1	-1491.83	-1593.98	-1617.21	-1567.68		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	26.74	26.60	26.79	26.71	0.37	ppb
Thallium	205-1	26.78	26.44	26.54	26.59	0.65	ppb
Tin	118-1	1.44	1.45	1.52	1.47	2.70	ppb
Titanium	47-1	889.11	896.22	894.16	893.16	0.41	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-03	Instrumnet Name :	P7
Client Sample ID :	MYD3M2S	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:02:09	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.83	0.85	0.84	1.19	ppb
Vanadium	51-2	394.38	400.00	403.14	399.17	1.11	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	454.84	458.09	463.56	458.83	0.96	ppb
Zirconium	90-1	4.15	4.11	4.11	4.12	0.54	ppb
Zirconium	91-1	4.19	4.17	4.10	4.15	1.15	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD3M2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:05:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20268.93	20257.76	20265.68	20264.12	0.03	ppb
Antimony	121-1	293.60	291.15	294.11	292.95	0.54	ppb
Arsenic	75-2	147.29	148.92	153.74	149.98	2.24	ppb
Barium	135-1	6114.16	6186.27	6147.57	6149.34	0.59	ppb
Barium	137-1	6090.01	6221.66	6171.03	6160.90	1.08	ppb
Beryllium	9-1	141.62	144.68	145.02	143.77	1.30	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	131.18	133.08	131.48	131.91	0.78	ppb
Cadmium	106-1	126.94	127.44	127.28	127.22	0.20	ppb
Cadmium	111-1	143.75	147.96	147.10	146.27	1.52	ppb
Calcium	43-1	5338.10	5330.83	5264.80	5311.25	0.76	ppb
Calcium	44-1	5084.16	5042.67	4871.52	4999.45	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	644.95	642.15	644.98	644.02	0.25	ppb
Cobalt	59-2	1528.64	1509.52	1535.35	1524.50	0.88	ppb
Copper	63-2	835.83	821.13	839.11	832.02	1.15	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				109		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	46503.65	46781.45	47206.40	46830.50	0.76	ppb
Iron	57-2	46106.49	47474.72	46466.14	46682.45	1.52	ppb
Iron	54-2	47086.20	47083.99	47293.65	47154.61	0.26	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD3M2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:05:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	106.10	108.96	105.86	106.97	1.61	ppb
Lead	207-1	104.11	107.37	104.33	105.27	1.73	ppb
Lead	208-1	105.02	108.51	105.04	106.19	1.89	ppb
Lithium	6-1				100		%
Magnesium	24-2	9532.65	9586.87	9585.65	9568.39	0.32	ppb
Manganese	55-2	4749.15	4838.89	4834.14	4807.39	1.05	ppb
Molybdenum	94-1	7.67	7.84	7.67	7.73	1.27	ppb
Molybdenum	95-1	1.03	1.11	1.04	1.06	4.01	ppb
Molybdenum	96-1	2.04	2.07	2.14	2.08	2.63	ppb
Molybdenum	97-1	0.93	0.97	0.95	0.95	2.12	ppb
Molybdenum	98-1	0.99	0.98	0.94	0.97	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1603.04	1602.18	1629.05	1611.42	0.95	ppb
Phosphorus	31-2	1674.07	1558.51	1650.55	1627.71	3.75	ppb
Potassium	39-2	5843.03	5872.56	5898.04	5871.21	0.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	290.91	291.46	281.17	287.85	2.01	ppb
Selenium	77-2	311.24	280.14	304.06	298.48	5.46	ppb
Selenium	78-2	271.59	289.59	292.34	284.51	3.96	ppb
Silicon	28-1	4884.21	4906.99	4799.34	4863.51	1.17	ppb
Silver	107-1	145.81	147.78	147.28	146.95	0.69	ppb
Silver	109-1	146.36	147.76	146.31	146.81	0.56	ppb
Sodium	23-2	146.18	148.84	147.73	147.58	0.91	ppb
Strontium	86-1	41.52	42.41	40.72	41.55	2.03	ppb
Strontium	88-1	41.39	42.32	41.12	41.61	1.51	ppb
Sulfur	34-1	-1755.51	-1851.17	-1905.31	-1837.33		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	124.73	129.00	125.53	126.42	1.79	ppb
Thallium	205-1	138.79	144.19	137.28	140.08	2.60	ppb
Tin	118-1	1.23	1.23	1.23	1.23	0.27	ppb
Titanium	47-1	866.86	868.08	856.71	863.89	0.72	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD3M2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:05:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.84	0.81	0.82	2.79	ppb
Vanadium	51-2	1538.59	1543.85	1537.95	1540.13	0.21	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	1621.60	1614.94	1615.31	1617.29	0.23	ppb
Zirconium	90-1	4.01	4.10	3.97	4.03	1.77	ppb
Zirconium	91-1	4.16	4.23	4.23	4.21	0.99	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-04	Instrumnet Name :	P7
Client Sample ID :	MYD475	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:08:13	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22060.55	22502.55	22487.69	22350.26	1.12	ppb
Antimony	121-1	0.84	0.83	0.84	0.84	0.43	ppb
Arsenic	75-2	96.99	96.69	95.93	96.54	0.57	ppb
Barium	135-1	314.95	317.24	316.22	316.14	0.36	ppb
Barium	137-1	315.97	315.61	314.51	315.37	0.24	ppb
Beryllium	9-1	1.36	1.32	1.28	1.32	2.92	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.91	3.17	2.64	2.91	9.01	ppb
Cadmium	106-1	1.05	0.91	1.67	1.21	33.17	ppb
Cadmium	111-1	2.35	2.42	2.49	2.42	2.98	ppb
Calcium	43-1	15179.47	15598.26	15625.61	15467.78	1.62	ppb
Calcium	44-1	14216.59	14452.60	14475.75	14381.65	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.31	21.41	21.89	21.54	1.44	ppb
Cobalt	59-2	34.83	34.98	35.86	35.22	1.58	ppb
Copper	63-2	176.11	179.37	179.89	178.46	1.15	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				107		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	41685.86	43006.24	42561.93	42418.01	1.58	ppb
Iron	57-2	41499.48	42441.52	42963.48	42301.49	1.75	ppb
Iron	54-2	42235.21	42564.25	43164.87	42654.78	1.11	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-04	Instrumnet Name :	P7
Client Sample ID :	MYD475	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:08:13	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	103.43	103.44	104.36	103.74	0.52	ppb
Lead	207-1	108.20	107.90	108.83	108.31	0.44	ppb
Lead	208-1	105.73	105.67	106.30	105.90	0.33	ppb
Lithium	6-1				100		%
Magnesium	24-2	13052.56	13221.67	13207.89	13160.71	0.71	ppb
Manganese	55-2	1947.03	1993.37	1975.00	1971.80	1.18	ppb
Molybdenum	94-1	3.46	3.50	3.44	3.47	0.80	ppb
Molybdenum	95-1	0.42	0.40	0.40	0.41	2.40	ppb
Molybdenum	96-1	0.99	1.05	1.07	1.04	4.20	ppb
Molybdenum	97-1	0.37	0.36	0.34	0.36	4.55	ppb
Molybdenum	98-1	0.40	0.36	0.35	0.37	7.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.25	30.63	31.01	30.63	1.24	ppb
Phosphorus	31-2	2160.98	2247.91	2242.76	2217.22	2.20	ppb
Potassium	39-2	3945.74	4010.75	4062.23	4006.24	1.46	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.01	0.35	0.17	0.18	97.84	ppb
Selenium	77-2	12.28	16.05	13.87	14.07	13.44	ppb
Selenium	78-2	3.25	1.88	2.56	2.56	26.89	ppb
Silicon	28-1	4713.15	4825.17	4859.38	4799.23	1.59	ppb
Silver	107-1	0.92	0.85	0.80	0.85	7.19	ppb
Silver	109-1	0.86	0.81	0.84	0.84	3.30	ppb
Sodium	23-2	183.85	190.29	195.37	189.84	3.04	ppb
Strontium	86-1	51.19	50.84	51.53	51.19	0.68	ppb
Strontium	88-1	51.38	51.26	51.38	51.34	0.14	ppb
Sulfur	34-1	-1518.84	-1474.61	-1485.70	-1493.05		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.21	0.19	0.21	6.05	ppb
Thallium	205-1	0.22	0.22	0.22	0.22	0.76	ppb
Tin	118-1	1.07	1.03	1.02	1.04	2.64	ppb
Titanium	47-1	1273.01	1305.30	1306.11	1294.81	1.46	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-04	Instrumnet Name :	P7
Client Sample ID :	MYD475	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:08:13	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.51	0.51	0.52	0.52	1.26	ppb
Vanadium	51-2	83.83	85.37	86.40	85.20	1.52	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	380.77	385.03	393.80	386.54	1.72	ppb
Zirconium	90-1	1.77	1.81	1.77	1.78	1.16	ppb
Zirconium	91-1	1.87	1.88	1.78	1.84	2.88	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-05	Instrumnet Name :	P7
Client Sample ID :	MYD476	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:11:25	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24723.87	24536.59	24518.78	24593.08	0.46	ppb
Antimony	121-1	0.65	0.66	0.67	0.66	1.64	ppb
Arsenic	75-2	51.13	53.61	51.88	52.20	2.43	ppb
Barium	135-1	411.01	407.50	421.38	413.29	1.75	ppb
Barium	137-1	409.43	411.26	417.11	412.60	0.97	ppb
Beryllium	9-1	1.42	1.48	1.49	1.46	2.51	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.35	1.01	1.50	1.29	19.69	ppb
Cadmium	106-1	0.38	0.08	-0.33	0.04	833.53	ppb
Cadmium	111-1	0.92	0.84	0.77	0.84	9.01	ppb
Calcium	43-1	20151.67	20138.68	20117.64	20136.00	0.09	ppb
Calcium	44-1	18940.94	18942.83	18607.17	18830.31	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.97	22.81	23.35	23.04	1.21	ppb
Cobalt	59-2	38.33	38.20	38.59	38.37	0.52	ppb
Copper	63-2	89.66	89.29	90.21	89.72	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	43418.61	43413.89	43571.10	43467.86	0.21	ppb
Iron	57-2	42729.50	43505.31	43815.97	43350.26	1.29	ppb
Iron	54-2	42880.38	43671.79	44350.81	43634.33	1.69	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-05	Instrumnet Name :	P7
Client Sample ID :	MYD476	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:11:25	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	54.05	55.03	55.15	54.75	1.10	ppb
Lead	207-1	54.98	55.93	55.84	55.58	0.95	ppb
Lead	208-1	54.13	55.30	55.18	54.87	1.17	ppb
Lithium	6-1				100		%
Magnesium	24-2	14628.05	14577.02	14773.35	14659.47	0.69	ppb
Manganese	55-2	1994.28	2022.98	2026.65	2014.64	0.88	ppb
Molybdenum	94-1	3.49	3.40	3.65	3.51	3.67	ppb
Molybdenum	95-1	0.43	0.45	0.44	0.44	1.93	ppb
Molybdenum	96-1	1.02	1.05	1.09	1.05	3.18	ppb
Molybdenum	97-1	0.43	0.42	0.43	0.43	1.26	ppb
Molybdenum	98-1	0.35	0.39	0.39	0.38	6.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.25	34.22	33.86	33.77	1.45	ppb
Phosphorus	31-2	2460.77	2451.02	2377.81	2429.87	1.87	ppb
Potassium	39-2	2820.38	2819.37	2851.48	2830.41	0.64	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.14	-0.05	0.57	0.22	143.15	ppb
Selenium	77-2	17.66	19.43	16.74	17.94	7.64	ppb
Selenium	78-2	5.07	3.90	3.54	4.17	19.16	ppb
Silicon	28-1	4056.25	4067.99	4011.70	4045.31	0.73	ppb
Silver	107-1	0.46	0.47	0.49	0.47	3.49	ppb
Silver	109-1	0.49	0.49	0.52	0.50	3.27	ppb
Sodium	23-2	177.01	179.50	182.21	179.57	1.45	ppb
Strontium	86-1	74.20	73.98	75.72	74.63	1.27	ppb
Strontium	88-1	75.17	74.35	76.46	75.32	1.41	ppb
Sulfur	34-1	-1439.27	-1487.95	-1533.57	-1486.93		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.17	0.18	0.19	0.18	4.29	ppb
Thallium	205-1	0.19	0.18	0.18	0.18	1.36	ppb
Tin	118-1	0.81	0.81	0.87	0.83	4.35	ppb
Titanium	47-1	1123.43	1131.29	1118.59	1124.44	0.57	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-05	Instrumnet Name :	P7
Client Sample ID :	MYD476	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:11:25	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.57	0.56	0.56	0.56	0.54	ppb
Vanadium	51-2	105.48	103.47	105.28	104.74	1.06	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	222.12	216.37	218.64	219.04	1.32	ppb
Zirconium	90-1	1.84	1.86	1.85	1.85	0.71	ppb
Zirconium	91-1	1.84	1.79	1.93	1.85	3.69	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-06	Instrumnet Name :	P7
Client Sample ID :	MYD477	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:14:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21450.22	15923.28	16894.84	18089.45	16.31	ppb
Antimony	121-1	0.87	0.88	0.85	0.87	1.50	ppb
Arsenic	75-2	140.39	108.33	114.27	121.00	14.10	ppb
Barium	135-1	274.40	278.78	272.02	275.06	1.25	ppb
Barium	137-1	272.65	279.85	273.22	275.24	1.45	ppb
Beryllium	9-1	1.03	1.06	1.03	1.04	1.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.60	2.49	2.30	2.46	6.24	ppb
Cadmium	106-1	1.63	1.11	0.68	1.14	41.85	ppb
Cadmium	111-1	2.27	2.19	2.25	2.24	1.99	ppb
Calcium	43-1	14014.56	14147.51	14153.16	14105.08	0.56	ppb
Calcium	44-1	13032.33	13249.08	13053.83	13111.75	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.21	16.29	16.94	18.48	17.57	ppb
Cobalt	59-2	40.51	30.28	31.86	34.22	16.09	ppb
Copper	63-2	249.56	187.61	196.90	211.36	15.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	41918.72	31203.72	32830.44	35317.63	16.35	ppb
Iron	57-2	42368.31	31546.11	33216.53	35710.32	16.32	ppb
Iron	54-2	42430.31	31168.89	32785.76	35461.65	17.17	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-06	Instrumnet Name :	P7
Client Sample ID :	MYD477	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:14:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	109.18	109.47	110.79	109.81	0.78	ppb
Lead	207-1	115.10	115.22	115.68	115.33	0.26	ppb
Lead	208-1	111.67	111.90	112.71	112.09	0.49	ppb
Lithium	6-1				100		%
Magnesium	24-2	12739.23	9495.00	9928.98	10721.07	16.43	ppb
Manganese	55-2	2369.29	1775.39	1868.76	2004.48	15.93	ppb
Molybdenum	94-1	3.38	3.41	3.37	3.39	0.65	ppb
Molybdenum	95-1	0.50	0.50	0.51	0.51	0.82	ppb
Molybdenum	96-1	1.08	1.05	1.11	1.08	2.89	ppb
Molybdenum	97-1	0.43	0.46	0.48	0.46	6.47	ppb
Molybdenum	98-1	0.46	0.47	0.46	0.46	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.33	24.08	25.38	27.60	18.13	ppb
Phosphorus	31-2	3716.43	2740.51	2946.75	3134.56	16.41	ppb
Potassium	39-2	4672.58	3453.60	3623.79	3916.66	16.86	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	-0.41	0.21	-0.57	-0.25		ppb
Selenium	77-2	16.99	10.91	11.43	13.11	25.69	ppb
Selenium	78-2	4.01	1.58	2.65	2.75	44.41	ppb
Silicon	28-1	4126.10	4140.01	4124.03	4130.05	0.21	ppb
Silver	107-1	0.81	0.86	0.84	0.84	2.85	ppb
Silver	109-1	0.86	0.87	0.83	0.85	2.64	ppb
Sodium	23-2	244.59	179.68	193.24	205.84	16.63	ppb
Strontium	86-1	42.19	42.14	42.38	42.24	0.30	ppb
Strontium	88-1	41.91	42.21	42.11	42.08	0.36	ppb
Sulfur	34-1	-1326.42	-1337.81	-1408.99	-1357.74		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.19	0.17	0.17	0.18	5.97	ppb
Thallium	205-1	0.19	0.18	0.19	0.19	2.07	ppb
Tin	118-1	0.89	0.91	0.90	0.90	0.67	ppb
Titanium	47-1	1146.41	1162.31	1158.29	1155.67	0.72	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-06	Instrumnet Name :	P7
Client Sample ID :	MYD477	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:14:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.48	0.49	0.48	1.79	ppb
Vanadium	51-2	86.41	64.38	66.74	72.51	16.68	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	398.70	297.41	312.56	336.22	16.25	ppb
Zirconium	90-1	1.72	1.73	1.76	1.74	1.18	ppb
Zirconium	91-1	1.80	1.84	1.78	1.81	1.65	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-07	Instrumnet Name :	P7
Client Sample ID :	MYD478	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:17:46	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15409.73	15237.20	15762.48	15469.80	1.73	ppb
Antimony	121-1	0.91	0.94	0.96	0.93	2.62	ppb
Arsenic	75-2	100.83	98.58	100.31	99.91	1.18	ppb
Barium	135-1	291.81	297.66	296.27	295.25	1.03	ppb
Barium	137-1	290.91	295.40	294.24	293.52	0.80	ppb
Beryllium	9-1	1.05	1.12	1.13	1.10	3.72	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.68	2.81	2.21	2.57	12.17	ppb
Cadmium	106-1	1.24	1.63	1.34	1.40	14.69	ppb
Cadmium	111-1	2.56	2.51	2.53	2.53	0.92	ppb
Calcium	43-1	13259.69	13477.86	13409.95	13382.50	0.83	ppb
Calcium	44-1	12447.53	12414.65	12512.27	12458.15	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.56	16.90	17.85	17.44	2.79	ppb
Cobalt	59-2	29.42	28.61	30.33	29.45	2.92	ppb
Copper	63-2	236.48	228.32	237.41	234.07	2.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	31634.65	30409.45	31711.10	31251.73	2.34	ppb
Iron	57-2	31728.37	30617.19	32125.40	31490.32	2.48	ppb
Iron	54-2	31818.82	30428.45	31101.64	31116.30	2.23	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-07	Instrumnet Name :	P7
Client Sample ID :	MYD478	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:17:46	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	130.96	131.38	132.53	131.63	0.62	ppb
Lead	207-1	135.66	136.54	138.01	136.73	0.87	ppb
Lead	208-1	140.15	140.63	142.00	140.93	0.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	9176.56	8774.34	9100.66	9017.19	2.37	ppb
Manganese	55-2	1844.50	1785.69	1838.20	1822.80	1.77	ppb
Molybdenum	94-1	2.51	2.43	2.55	2.50	2.57	ppb
Molybdenum	95-1	0.49	0.51	0.56	0.52	6.69	ppb
Molybdenum	96-1	0.92	0.95	1.01	0.96	4.40	ppb
Molybdenum	97-1	0.48	0.45	0.50	0.48	5.55	ppb
Molybdenum	98-1	0.46	0.46	0.45	0.46	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.51	25.54	26.29	25.78	1.71	ppb
Phosphorus	31-2	2986.67	2864.05	3049.28	2966.67	3.18	ppb
Potassium	39-2	4095.00	4291.72	4160.97	4182.56	2.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.11	0.59	0.51	0.33	115.19	ppb
Selenium	77-2	15.19	11.56	12.59	13.12	14.27	ppb
Selenium	78-2	2.84	1.86	1.47	2.05	34.33	ppb
Silicon	28-1	4036.40	4083.70	4107.53	4075.88	0.89	ppb
Silver	107-1	0.89	0.92	0.94	0.92	2.34	ppb
Silver	109-1	0.87	0.89	0.91	0.89	2.27	ppb
Sodium	23-2	193.40	189.21	199.39	194.00	2.64	ppb
Strontium	86-1	47.35	46.77	47.93	47.35	1.23	ppb
Strontium	88-1	46.70	47.23	47.57	47.17	0.94	ppb
Sulfur	34-1	-1534.20	-1513.57	-1477.31	-1508.36		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.20	0.19	0.19	0.19	2.10	ppb
Thallium	205-1	0.18	0.18	0.18	0.18	1.40	ppb
Tin	118-1	1.18	1.21	1.25	1.21	3.05	ppb
Titanium	47-1	1152.64	1165.09	1166.91	1161.55	0.67	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-07	Instrumnet Name :	P7
Client Sample ID :	MYD478	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:17:46	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.51	0.51	0.52	0.51	1.23	ppb
Vanadium	51-2	65.93	63.82	66.80	65.52	2.35	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	363.35	354.64	366.80	361.60	1.73	ppb
Zirconium	90-1	1.21	1.19	1.19	1.19	1.05	ppb
Zirconium	91-1	1.25	1.20	1.24	1.23	2.07	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-14	Instrumnet Name :	P7
Client Sample ID :	MYD485	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:20:58	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19203.43	20159.75	20405.46	19922.88	3.19	ppb
Antimony	121-1	0.89	0.91	0.91	0.90	1.63	ppb
Arsenic	75-2	90.19	92.95	93.86	92.33	2.07	ppb
Barium	135-1	343.81	349.01	342.77	345.20	0.97	ppb
Barium	137-1	341.51	347.08	342.33	343.64	0.87	ppb
Beryllium	9-1	1.31	1.38	1.45	1.38	5.33	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.56	2.72	3.07	2.78	9.29	ppb
Cadmium	106-1	1.95	1.33	2.80	2.03	36.21	ppb
Cadmium	111-1	2.52	2.50	2.57	2.53	1.44	ppb
Calcium	43-1	16262.27	16582.43	16360.41	16401.70	1.00	ppb
Calcium	44-1	15391.59	15412.86	15401.97	15402.14	0.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.17	34.83	35.11	34.37	3.05	ppb
Cobalt	59-2	32.53	34.50	35.02	34.02	3.87	ppb
Copper	63-2	145.67	154.03	156.18	151.96	3.65	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				106		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	37808.00	39787.00	40295.04	39296.68	3.34	ppb
Iron	57-2	37965.10	39913.99	40211.54	39363.54	3.10	ppb
Iron	54-2	37715.51	39403.54	39914.16	39011.07	2.95	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-14	Instrumnet Name :	P7
Client Sample ID :	MYD485	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:20:58	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	110.88	111.63	112.08	111.53	0.55	ppb
Lead	207-1	115.86	116.10	117.18	116.38	0.61	ppb
Lead	208-1	112.94	113.30	114.00	113.41	0.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	11211.92	11868.18	11872.61	11650.90	3.26	ppb
Manganese	55-2	1910.44	2000.44	2016.88	1975.92	2.90	ppb
Molybdenum	94-1	3.33	3.26	3.07	3.22	4.18	ppb
Molybdenum	95-1	0.66	0.66	0.63	0.65	2.46	ppb
Molybdenum	96-1	1.20	1.24	1.22	1.22	1.53	ppb
Molybdenum	97-1	0.60	0.61	0.67	0.63	6.55	ppb
Molybdenum	98-1	0.58	0.65	0.61	0.61	5.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.53	35.66	36.00	34.73	5.52	ppb
Phosphorus	31-2	2243.07	2431.96	2432.18	2369.07	4.61	ppb
Potassium	39-2	4034.61	4295.86	4303.11	4211.19	3.63	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	-0.13	0.81	-0.09	0.20	267.99	ppb
Selenium	77-2	14.08	10.61	18.45	14.38	27.33	ppb
Selenium	78-2	4.04	2.17	3.11	3.11	30.18	ppb
Silicon	28-1	4171.75	4211.31	4185.56	4189.54	0.48	ppb
Silver	107-1	0.74	0.70	0.74	0.72	3.50	ppb
Silver	109-1	0.73	0.77	0.70	0.73	4.82	ppb
Sodium	23-2	208.51	220.57	227.96	219.01	4.48	ppb
Strontium	86-1	61.41	61.85	61.40	61.55	0.41	ppb
Strontium	88-1	61.37	61.58	61.17	61.37	0.33	ppb
Sulfur	34-1	-1419.25	-1398.07	-1361.50	-1392.94		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.17	0.17	0.18	0.17	4.55	ppb
Thallium	205-1	0.17	0.17	0.17	0.17	1.18	ppb
Tin	118-1	1.18	1.21	1.19	1.19	1.58	ppb
Titanium	47-1	1181.41	1195.64	1184.94	1187.33	0.62	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-14	Instrumnet Name :	P7
Client Sample ID :	MYD485	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:20:58	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.59	0.61	0.60	1.25	ppb
Vanadium	51-2	79.23	84.07	86.46	83.25	4.42	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	368.28	392.85	395.40	385.51	3.88	ppb
Zirconium	90-1	1.51	1.57	1.53	1.54	1.79	ppb
Zirconium	91-1	1.66	1.52	1.55	1.58	4.53	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-15	Instrumnet Name :	P7
Client Sample ID :	MYD486	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:24:10	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12797.87	13278.67	12732.86	12936.47	2.30	ppb
Antimony	121-1	1.15	1.25	1.23	1.21	4.24	ppb
Arsenic	75-2	100.93	107.93	101.56	103.47	3.74	ppb
Barium	135-1	264.68	273.49	264.05	267.41	1.97	ppb
Barium	137-1	265.51	271.66	261.88	266.35	1.86	ppb
Beryllium	9-1	1.24	1.20	1.12	1.19	4.95	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.71	1.90	1.39	1.67	15.63	ppb
Cadmium	106-1	1.43	0.80	0.64	0.96	43.72	ppb
Cadmium	111-1	1.45	1.39	1.36	1.40	3.36	ppb
Calcium	43-1	12347.35	12586.94	12251.88	12395.39	1.39	ppb
Calcium	44-1	11451.71	11772.33	11341.24	11521.76	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.74	21.15	20.46	20.78	1.66	ppb
Cobalt	59-2	24.35	24.84	23.91	24.37	1.90	ppb
Copper	63-2	79.70	83.32	80.08	81.03	2.46	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				107		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	25611.93	26699.57	25821.62	26044.37	2.22	ppb
Iron	57-2	25444.36	26923.28	26022.73	26130.12	2.85	ppb
Iron	54-2	25844.59	27122.10	25828.55	26265.08	2.83	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-15	Instrumnet Name :	P7
Client Sample ID :	MYD486	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:24:10	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	85.49	86.01	83.84	85.12	1.34	ppb
Lead	207-1	89.80	90.30	87.67	89.26	1.56	ppb
Lead	208-1	87.03	88.14	85.54	86.90	1.51	ppb
Lithium	6-1				99		%
Magnesium	24-2	7676.79	7878.87	7694.44	7750.03	1.44	ppb
Manganese	55-2	1345.83	1393.91	1359.41	1366.38	1.81	ppb
Molybdenum	94-1	3.72	3.83	3.65	3.73	2.42	ppb
Molybdenum	95-1	0.68	0.67	0.59	0.65	7.61	ppb
Molybdenum	96-1	1.13	1.19	1.12	1.15	3.58	ppb
Molybdenum	97-1	0.57	0.63	0.59	0.60	4.62	ppb
Molybdenum	98-1	0.57	0.58	0.56	0.57	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.88	30.02	28.52	29.14	2.69	ppb
Phosphorus	31-2	2373.89	2472.95	2380.13	2408.99	2.30	ppb
Potassium	39-2	5541.89	5734.39	5525.04	5600.44	2.08	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.28	0.08	-0.03	0.11	139.66	ppb
Selenium	77-2	16.39	16.83	13.74	15.65	10.69	ppb
Selenium	78-2	2.57	2.72	3.36	2.88	14.52	ppb
Silicon	28-1	3528.03	3613.07	3469.83	3536.97	2.04	ppb
Silver	107-1	0.64	0.67	0.66	0.66	2.41	ppb
Silver	109-1	0.64	0.67	0.67	0.66	2.37	ppb
Sodium	23-2	195.18	200.97	195.37	197.17	1.67	ppb
Strontium	86-1	38.64	39.15	37.79	38.53	1.79	ppb
Strontium	88-1	38.30	39.23	37.89	38.47	1.79	ppb
Sulfur	34-1	-1408.43	-1297.97	-1486.07	-1397.49		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.19	0.21	0.20	0.20	3.51	ppb
Thallium	205-1	0.19	0.20	0.19	0.19	3.07	ppb
Tin	118-1	0.95	1.05	0.98	1.00	5.14	ppb
Titanium	47-1	864.52	879.20	849.85	864.52	1.70	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-15	Instrumnet Name :	P7
Client Sample ID :	MYD486	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:24:10	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.63	0.65	0.61	0.63	2.94	ppb
Vanadium	51-2	51.04	52.54	50.45	51.34	2.10	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	320.18	331.01	319.12	323.44	2.03	ppb
Zirconium	90-1	1.83	1.86	1.88	1.86	1.25	ppb
Zirconium	91-1	1.86	1.89	1.84	1.87	1.20	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-16	Instrumnet Name :	P7
Client Sample ID :	MYD487	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:27:18	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12310.62	11958.77	11661.86	11977.08	2.71	ppb
Antimony	121-1	0.78	0.81	0.79	0.80	1.96	ppb
Arsenic	75-2	102.86	100.05	100.99	101.30	1.41	ppb
Barium	135-1	304.87	308.03	305.04	305.98	0.58	ppb
Barium	137-1	303.17	308.42	303.45	305.01	0.97	ppb
Beryllium	9-1	1.15	1.20	1.14	1.16	2.75	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.03	1.36	1.69	1.69	19.86	ppb
Cadmium	106-1	1.66	-0.06	-0.27	0.44	239.06	ppb
Cadmium	111-1	1.51	1.56	1.51	1.53	1.94	ppb
Calcium	43-1	12412.35	12585.80	12280.25	12426.13	1.23	ppb
Calcium	44-1	11497.91	11743.16	11543.08	11594.72	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.34	24.52	23.77	24.54	3.19	ppb
Cobalt	59-2	28.53	27.62	26.89	27.68	2.97	ppb
Copper	63-2	92.28	89.42	86.85	89.52	3.03	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				106		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	24288.23	23521.39	23010.58	23606.74	2.72	ppb
Iron	57-2	25509.88	24841.45	24087.97	24813.10	2.87	ppb
Iron	54-2	24434.95	23591.77	23409.00	23811.90	2.30	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-16	Instrumnet Name :	P7
Client Sample ID :	MYD487	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:27:18	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	138.13	138.55	138.00	138.23	0.21	ppb
Lead	207-1	143.04	143.09	144.46	143.53	0.56	ppb
Lead	208-1	148.66	148.34	148.83	148.61	0.17	ppb
Lithium	6-1				97		%
Magnesium	24-2	7397.56	7110.23	6868.10	7125.30	3.72	ppb
Manganese	55-2	1719.59	1667.90	1612.14	1666.54	3.22	ppb
Molybdenum	94-1	2.94	3.06	3.11	3.04	2.88	ppb
Molybdenum	95-1	0.95	0.99	0.93	0.96	3.02	ppb
Molybdenum	96-1	1.21	1.34	1.32	1.29	5.47	ppb
Molybdenum	97-1	0.93	0.91	0.97	0.94	3.09	ppb
Molybdenum	98-1	0.90	0.90	0.94	0.91	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.04	32.33	31.25	32.21	2.81	ppb
Phosphorus	31-2	2433.41	2267.88	2257.31	2319.53	4.26	ppb
Potassium	39-2	5544.50	5275.99	5206.94	5342.48	3.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.26	-0.01	-0.12	0.04	451.72	ppb
Selenium	77-2	11.37	15.31	13.55	13.41	14.74	ppb
Selenium	78-2	4.30	3.73	1.34	3.12	50.24	ppb
Silicon	28-1	3906.80	3942.93	3874.13	3907.95	0.88	ppb
Silver	107-1	0.63	0.66	0.62	0.64	3.29	ppb
Silver	109-1	0.61	0.63	0.66	0.63	3.87	ppb
Sodium	23-2	222.50	218.59	212.67	217.92	2.27	ppb
Strontium	86-1	41.23	42.09	41.69	41.67	1.04	ppb
Strontium	88-1	41.12	41.84	41.39	41.45	0.88	ppb
Sulfur	34-1	-1295.95	-1316.06	-1390.74	-1334.25		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.19	0.18	0.19	0.19	4.45	ppb
Thallium	205-1	0.18	0.19	0.19	0.19	1.92	ppb
Tin	118-1	0.91	0.97	0.90	0.93	3.82	ppb
Titanium	47-1	806.32	817.63	804.89	809.62	0.86	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-16	Instrumnet Name :	P7
Client Sample ID :	MYD487	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:27:18	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.67	0.67	0.67	0.71	ppb
Vanadium	51-2	49.16	47.67	46.50	47.78	2.79	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	314.75	302.44	298.81	305.33	2.74	ppb
Zirconium	90-1	1.29	1.30	1.28	1.29	0.56	ppb
Zirconium	91-1	1.31	1.37	1.35	1.34	2.18	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-17	Instrumnet Name :	P7
Client Sample ID :	MYD488	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:30:29	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9600.69	9801.02	9466.62	9622.78	1.75	ppb
Antimony	121-1	0.25	0.25	0.28	0.26	7.00	ppb
Arsenic	75-2	24.97	25.08	25.24	25.10	0.54	ppb
Barium	135-1	235.38	241.87	241.07	239.44	1.48	ppb
Barium	137-1	236.78	241.66	239.07	239.17	1.02	ppb
Beryllium	9-1	0.80	0.86	0.98	0.88	10.42	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.68	0.80	0.82	0.77	9.30	ppb
Cadmium	106-1	0.09	-0.23	-1.77	-0.64		ppb
Cadmium	111-1	0.57	0.53	0.44	0.51	13.15	ppb
Calcium	43-1	14141.83	14628.07	14674.55	14481.48	2.04	ppb
Calcium	44-1	13079.98	13679.63	13687.47	13482.36	2.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.72	15.94	15.64	15.77	0.97	ppb
Cobalt	59-2	20.80	21.10	21.06	20.98	0.78	ppb
Copper	63-2	43.93	44.23	43.78	43.98	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	20643.63	21037.30	20655.98	20778.97	1.08	ppb
Iron	57-2	21777.49	22023.48	21922.25	21907.74	0.56	ppb
Iron	54-2	20941.11	21014.13	21036.22	20997.15	0.24	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-17	Instrumnet Name :	P7
Client Sample ID :	MYD488	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:30:29	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.39	34.75	34.65	34.60	0.53	ppb
Lead	207-1	34.37	34.52	35.04	34.65	1.01	ppb
Lead	208-1	33.93	34.47	34.74	34.38	1.19	ppb
Lithium	6-1				96		%
Magnesium	24-2	5825.82	5844.78	5834.66	5835.08	0.16	ppb
Manganese	55-2	1214.85	1228.18	1214.04	1219.03	0.65	ppb
Molybdenum	94-1	2.40	2.58	2.48	2.49	3.72	ppb
Molybdenum	95-1	0.33	0.34	0.35	0.34	2.00	ppb
Molybdenum	96-1	0.68	0.72	0.74	0.71	4.19	ppb
Molybdenum	97-1	0.32	0.32	0.32	0.32	0.16	ppb
Molybdenum	98-1	0.31	0.31	0.31	0.31	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.46	23.05	22.70	22.74	1.30	ppb
Phosphorus	31-2	2430.03	2408.98	2389.31	2409.44	0.85	ppb
Potassium	39-2	4294.19	4337.17	4329.66	4320.34	0.53	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.10	-0.58	-0.21	-0.23		ppb
Selenium	77-2	13.09	10.62	11.49	11.73	10.65	ppb
Selenium	78-2	2.77	1.79	3.50	2.69	31.94	ppb
Silicon	28-1	3014.06	3142.67	3117.77	3091.50	2.21	ppb
Silver	107-1	0.19	0.20	0.19	0.20	1.89	ppb
Silver	109-1	0.20	0.21	0.20	0.20	4.05	ppb
Sodium	23-2	183.01	189.74	190.54	187.76	2.20	ppb
Strontium	86-1	28.33	28.98	28.79	28.70	1.16	ppb
Strontium	88-1	28.25	29.17	29.10	28.84	1.76	ppb
Sulfur	34-1	-1704.83	-1575.07	-1613.18	-1631.03		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.11	0.11	0.11	1.99	ppb
Thallium	205-1	0.11	0.10	0.10	0.11	4.97	ppb
Tin	118-1	0.68	0.71	0.67	0.68	2.62	ppb
Titanium	47-1	691.41	720.10	720.05	710.52	2.33	ppb

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-17	Instrumnet Name :	P7
Client Sample ID :	MYD488	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:30:29	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.44	0.43	0.43	0.43	0.48	ppb
Vanadium	51-2	49.50	50.04	49.43	49.66	0.67	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	115.85	117.85	116.38	116.69	0.89	ppb
Zirconium	90-1	1.24	1.28	1.30	1.27	2.55	ppb
Zirconium	91-1	1.25	1.37	1.31	1.31	4.87	ppb

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-18	Instrumnet Name :	P7
Client Sample ID :	MYD489	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:33:40	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10917.81	11217.65	10938.73	11024.73	1.52	ppb
Antimony	121-1	0.40	0.41	0.41	0.41	2.19	ppb
Arsenic	75-2	47.89	46.68	46.93	47.17	1.36	ppb
Barium	135-1	283.41	287.30	291.20	287.30	1.36	ppb
Barium	137-1	285.73	288.34	290.57	288.22	0.84	ppb
Beryllium	9-1	1.12	1.06	1.18	1.12	5.64	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.22	0.87	1.03	1.04	16.66	ppb
Cadmium	106-1	0.22	-1.25	-0.06	-0.37		ppb
Cadmium	111-1	0.85	0.73	0.88	0.82	9.72	ppb
Calcium	43-1	11702.28	12200.90	12121.84	12008.34	2.23	ppb
Calcium	44-1	11011.18	11349.12	11432.34	11264.21	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.34	17.82	17.73	17.63	1.46	ppb
Cobalt	59-2	25.88	26.35	25.67	25.96	1.35	ppb
Copper	63-2	48.64	50.07	48.72	49.14	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				107		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	21149.92	21210.44	20662.91	21007.76	1.43	ppb
Iron	57-2	22044.79	22385.66	21750.18	22060.21	1.44	ppb
Iron	54-2	21102.26	21474.53	20891.36	21156.05	1.40	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-18	Instrumnet Name :	P7
Client Sample ID :	MYD489	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:33:40	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.05	51.64	51.62	51.44	0.65	ppb
Lead	207-1	52.06	52.85	53.46	52.79	1.33	ppb
Lead	208-1	51.15	52.04	52.39	51.86	1.23	ppb
Lithium	6-1				95		%
Magnesium	24-2	6813.83	6921.54	6619.68	6785.02	2.25	ppb
Manganese	55-2	1512.66	1519.52	1501.69	1511.29	0.60	ppb
Molybdenum	94-1	2.44	2.38	2.58	2.46	4.14	ppb
Molybdenum	95-1	0.42	0.50	0.45	0.46	8.83	ppb
Molybdenum	96-1	0.75	0.84	0.83	0.81	6.14	ppb
Molybdenum	97-1	0.44	0.43	0.44	0.44	2.07	ppb
Molybdenum	98-1	0.43	0.43	0.42	0.43	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.01	27.61	26.82	27.48	2.21	ppb
Phosphorus	31-2	2124.51	2152.99	2104.27	2127.26	1.15	ppb
Potassium	39-2	5050.34	5080.73	4992.75	5041.28	0.89	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.24	0.75	0.29	0.43	65.37	ppb
Selenium	77-2	14.53	18.08	9.18	13.93	32.15	ppb
Selenium	78-2	0.90	3.98	4.19	3.02	60.84	ppb
Silicon	28-1	3364.39	3478.70	3455.23	3432.77	1.76	ppb
Silver	107-1	0.35	0.37	0.35	0.35	3.21	ppb
Silver	109-1	0.33	0.37	0.34	0.35	6.03	ppb
Sodium	23-2	174.36	177.95	173.46	175.25	1.35	ppb
Strontium	86-1	37.89	39.31	38.84	38.68	1.87	ppb
Strontium	88-1	38.14	39.31	38.97	38.81	1.55	ppb
Sulfur	34-1	-1608.38	-1493.68	-1508.35	-1536.80		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.16	0.16	0.17	0.16	0.76	ppb
Thallium	205-1	0.15	0.16	0.16	0.16	4.41	ppb
Tin	118-1	0.60	0.61	0.66	0.62	4.82	ppb
Titanium	47-1	726.98	756.21	747.99	743.73	2.03	ppb

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-18	Instrumnet Name :	P7
Client Sample ID :	MYD489	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:33:40	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.52	0.55	0.56	0.54	3.63	ppb
Vanadium	51-2	44.67	45.84	44.21	44.91	1.87	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	189.93	193.52	190.87	191.44	0.97	ppb
Zirconium	90-1	1.19	1.19	1.24	1.21	2.17	ppb
Zirconium	91-1	1.20	1.23	1.18	1.20	1.94	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:36:51	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49437.92	48470.09	47640.74	48516.25	1.85	ppb
Antimony	121-1	479.20	491.98	485.28	485.49	1.32	ppb
Arsenic	75-2	520.04	506.47	507.09	511.20	1.50	ppb
Barium	135-1	2387.43	2447.97	2456.44	2430.61	1.55	ppb
Barium	137-1	2410.44	2450.10	2442.68	2434.41	0.87	ppb
Beryllium	9-1	521.99	525.85	510.57	519.47	1.53	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	501.66	512.68	509.15	507.83	1.11	ppb
Cadmium	106-1	503.56	499.09	497.25	499.97	0.65	ppb
Cadmium	111-1	491.95	494.89	493.81	493.55	0.30	ppb
Calcium	43-1	244215.78	242935.45	240479.54	242543.59	0.78	ppb
Calcium	44-1	237918.55	237617.32	237307.02	237614.30	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	519.53	503.17	506.40	509.70	1.70	ppb
Cobalt	59-2	505.98	499.91	494.76	500.22	1.12	ppb
Copper	63-2	5264.84	5154.52	5062.49	5160.62	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	130191.58	127449.09	126323.88	127988.18	1.55	ppb
Iron	57-2	132607.13	128852.63	128370.72	129943.49	1.78	ppb
Iron	54-2	128914.76	126014.82	126474.22	127134.60	1.23	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:36:51	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2492.64	2469.29	2487.80	2483.24	0.50	ppb
Lead	207-1	2467.28	2481.86	2495.67	2481.60	0.57	ppb
Lead	208-1	2474.21	2473.14	2480.02	2475.79	0.15	ppb
Lithium	6-1				97		%
Magnesium	24-2	249635.94	244371.04	240403.94	244803.64	1.89	ppb
Manganese	55-2	5048.54	4937.91	4880.34	4955.60	1.73	ppb
Molybdenum	94-1	4921.33	4982.17	4896.61	4933.37	0.89	ppb
Molybdenum	95-1	4902.19	5015.72	4914.95	4944.29	1.26	ppb
Molybdenum	96-1	4909.51	5025.14	4912.43	4949.03	1.33	ppb
Molybdenum	97-1	4854.45	4996.73	4868.11	4906.43	1.60	ppb
Molybdenum	98-1	4920.99	4986.33	4860.45	4922.59	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.84	493.44	486.75	494.34	1.63	ppb
Phosphorus	31-2	9701.38	9559.09	9625.01	9628.50	0.74	ppb
Potassium	39-2	123633.68	120841.56	120452.89	121642.71	1.43	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	497.52	506.68	502.83	502.34	0.92	ppb
Selenium	77-2	506.12	484.94	481.15	490.74	2.74	ppb
Selenium	78-2	505.16	487.00	503.00	498.39	1.99	ppb
Silicon	28-1	492.74	495.39	493.45	493.86	0.28	ppb
Silver	107-1	496.37	501.06	501.87	499.77	0.59	ppb
Silver	109-1	498.03	500.46	499.26	499.25	0.24	ppb
Sodium	23-2	250164.48	246824.89	242104.79	246364.72	1.64	ppb
Strontium	86-1	12075.83	12263.60	12233.16	12190.86	0.83	ppb
Strontium	88-1	12099.62	12320.60	12197.40	12205.87	0.91	ppb
Sulfur	34-1	9494.80	9348.31	9429.66	9424.26	0.78	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	507.96	494.40	501.93	501.43	1.35	ppb
Thallium	205-1	502.26	495.14	493.17	496.86	0.96	ppb
Tin	118-1	476.49	491.76	491.81	486.69	1.81	ppb
Titanium	47-1	5004.54	4936.03	4901.49	4947.35	1.06	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:36:51	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	504.65	508.02	500.63	504.43	0.73	ppb
Vanadium	51-2	517.25	505.38	501.73	508.12	1.60	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	5237.70	5123.62	5091.14	5150.82	1.49	ppb
Zirconium	90-1	493.28	495.05	492.26	493.53	0.29	ppb
Zirconium	91-1	488.98	503.76	495.45	496.07	1.49	ppb

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On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:39:37	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.80	1.35	1.84	1.66	16.33	ppb
Antimony	121-1	0.33	0.37	0.37	0.36	7.28	ppb
Arsenic	75-2	0.05	0.04	0.08	0.06	36.77	ppb
Barium	135-1	0.11	0.06	0.08	0.09	27.91	ppb
Barium	137-1	0.12	0.09	0.05	0.09	44.41	ppb
Beryllium	9-1	0.09	0.07	0.07	0.08	16.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.02	0.02	0.05	92.08	ppb
Cadmium	106-1	-1.10	-0.96	-2.05	-1.37		ppb
Cadmium	111-1	-0.01	-0.03	-0.12	-0.06		ppb
Calcium	43-1	11.73	8.18	3.78	7.90	50.46	ppb
Calcium	44-1	10.29	4.69	4.55	6.51	50.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.04	0.01	0.04	81.77	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	12.42	ppb
Copper	63-2	0.29	0.28	0.30	0.29	2.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	5.17	5.41	5.62	5.40	4.18	ppb
Iron	57-2	1.90	3.35	5.52	3.59	50.84	ppb
Iron	54-2	5.21	6.80	4.29	5.43	23.28	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:39:37	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.23	0.18	0.17	0.19	17.63	ppb
Lead	207-1	0.23	0.17	0.18	0.19	17.71	ppb
Lead	208-1	0.23	0.18	0.17	0.20	15.18	ppb
Lithium	6-1				102		%
Magnesium	24-2	8.70	9.88	10.43	9.67	9.15	ppb
Manganese	55-2	0.14	0.22	0.22	0.19	22.99	ppb
Molybdenum	94-1	0.50	0.45	0.40	0.45	10.14	ppb
Molybdenum	95-1	0.46	0.31	0.37	0.38	19.66	ppb
Molybdenum	96-1	0.44	0.38	0.32	0.38	15.83	ppb
Molybdenum	97-1	0.43	0.36	0.28	0.36	20.92	ppb
Molybdenum	98-1	0.41	0.32	0.34	0.36	14.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.11	-0.01	0.07	99.41	ppb
Phosphorus	31-2	-13.51	-17.14	-12.01	-14.22		ppb
Potassium	39-2	-3.84	-3.17	-1.06	-2.69		ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	-0.61	-0.50	-0.35	-0.49		ppb
Selenium	77-2	0.23	-0.11	-0.11	0.00	11353.12	ppb
Selenium	78-2	-0.26	1.39	-0.95	0.06	1965.99	ppb
Silicon	28-1	-2.30	-1.98	-2.09	-2.12		ppb
Silver	107-1	0.06	0.05	0.05	0.06	12.43	ppb
Silver	109-1	0.07	0.05	0.05	0.06	21.73	ppb
Sodium	23-2	30.73	30.87	30.45	30.68	0.70	ppb
Strontium	86-1	0.78	0.44	0.45	0.55	34.47	ppb
Strontium	88-1	0.70	0.47	0.42	0.53	28.14	ppb
Sulfur	34-1	-819.88	-706.03	-784.57	-770.16		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.05	0.04	0.05	10.30	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	15.47	ppb
Tin	118-1	0.07	0.09	0.11	0.09	23.13	ppb
Titanium	47-1	0.30	0.34	0.24	0.29	17.92	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:39:37	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.02	0.02	26.06	ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	14.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	0.01	0.20	0.02	0.08	134.32	ppb
Zirconium	90-1	0.09	0.08	0.08	0.08	10.68	ppb
Zirconium	91-1	0.09	0.05	0.08	0.07	24.72	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-08	Instrumnet Name :	P7
Client Sample ID :	MYD479	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:42:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17234.28	17088.73	17349.49	17224.17	0.76	ppb
Antimony	121-1	0.98	1.00	1.01	1.00	2.00	ppb
Arsenic	75-2	88.12	89.36	90.00	89.16	1.07	ppb
Barium	135-1	323.40	330.78	328.77	327.65	1.16	ppb
Barium	137-1	322.26	327.30	328.04	325.87	0.96	ppb
Beryllium	9-1	1.11	1.37	1.31	1.26	10.49	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.96	2.29	2.27	2.17	8.58	ppb
Cadmium	106-1	2.21	2.01	0.72	1.65	49.28	ppb
Cadmium	111-1	2.01	1.99	1.86	1.95	4.08	ppb
Calcium	43-1	13322.01	13371.89	13447.75	13380.55	0.47	ppb
Calcium	44-1	12581.50	12433.39	12554.98	12523.29	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.24	18.78	18.64	18.55	1.50	ppb
Cobalt	59-2	29.56	28.63	28.77	28.99	1.72	ppb
Copper	63-2	144.86	143.94	142.59	143.80	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	33844.25	33392.79	33646.28	33627.78	0.67	ppb
Iron	57-2	34090.14	33292.07	33884.98	33755.73	1.23	ppb
Iron	54-2	34309.33	33814.31	33244.01	33789.22	1.58	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-08	Instrumnet Name :	P7
Client Sample ID :	MYD479	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:42:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	107.97	109.78	110.78	109.51	1.30	ppb
Lead	207-1	112.62	114.55	115.40	114.19	1.25	ppb
Lead	208-1	109.75	111.94	112.32	111.34	1.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	10206.70	10185.29	10276.97	10222.99	0.47	ppb
Manganese	55-2	1572.60	1565.87	1569.54	1569.34	0.21	ppb
Molybdenum	94-1	2.96	2.92	3.06	2.98	2.38	ppb
Molybdenum	95-1	0.47	0.47	0.48	0.47	0.92	ppb
Molybdenum	96-1	0.90	0.98	0.95	0.94	4.63	ppb
Molybdenum	97-1	0.43	0.44	0.48	0.45	6.50	ppb
Molybdenum	98-1	0.39	0.44	0.44	0.43	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.19	27.20	26.81	27.07	0.82	ppb
Phosphorus	31-2	2352.54	2301.81	2324.59	2326.32	1.09	ppb
Potassium	39-2	3964.28	3950.97	3933.87	3949.71	0.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.19	0.59	0.13	0.30	83.04	ppb
Selenium	77-2	12.00	16.06	13.79	13.95	14.59	ppb
Selenium	78-2	2.80	3.01	2.61	2.81	7.04	ppb
Silicon	28-1	4113.23	4094.79	4167.29	4125.10	0.91	ppb
Silver	107-1	0.74	0.75	0.72	0.74	1.96	ppb
Silver	109-1	0.76	0.75	0.73	0.75	1.94	ppb
Sodium	23-2	161.12	162.64	166.79	163.52	1.80	ppb
Strontium	86-1	50.80	51.07	51.13	51.00	0.34	ppb
Strontium	88-1	50.31	51.12	51.28	50.90	1.03	ppb
Sulfur	34-1	-657.44	-738.50	-904.79	-766.91		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.21	0.19	0.22	15.23	ppb
Thallium	205-1	0.24	0.22	0.21	0.23	7.70	ppb
Tin	118-1	1.06	0.96	0.98	1.00	5.52	ppb
Titanium	47-1	1166.23	1185.08	1182.11	1177.81	0.86	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-08	Instrumnet Name :	P7
Client Sample ID :	MYD479	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:42:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.54	0.52	0.55	0.54	2.64	ppb
Vanadium	51-2	79.96	78.02	77.78	78.59	1.53	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	338.08	332.89	331.51	334.16	1.04	ppb
Zirconium	90-1	1.43	1.47	1.48	1.46	1.57	ppb
Zirconium	91-1	1.46	1.48	1.56	1.50	3.55	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-09	Instrumnet Name :	P7
Client Sample ID :	MYD480	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:46:06	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21841.91	21545.45	21579.85	21655.74	0.75	ppb
Antimony	121-1	0.84	0.85	0.86	0.85	1.16	ppb
Arsenic	75-2	76.41	77.68	78.38	77.49	1.29	ppb
Barium	135-1	273.01	273.67	277.15	274.61	0.81	ppb
Barium	137-1	273.54	275.28	279.69	276.17	1.15	ppb
Beryllium	9-1	1.13	1.19	1.15	1.16	2.31	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.80	1.79	2.04	1.88	7.56	ppb
Cadmium	106-1	1.47	0.38	1.37	1.07	56.17	ppb
Cadmium	111-1	1.56	1.56	1.63	1.59	2.63	ppb
Calcium	43-1	16818.84	17093.65	17188.89	17033.79	1.13	ppb
Calcium	44-1	15747.97	15985.89	16000.51	15911.46	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.58	20.21	20.57	20.45	1.04	ppb
Cobalt	59-2	33.64	33.50	33.75	33.63	0.37	ppb
Copper	63-2	118.87	118.15	117.46	118.16	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	41561.49	41203.71	41630.38	41465.19	0.55	ppb
Iron	57-2	41815.90	41204.02	41570.52	41530.15	0.74	ppb
Iron	54-2	41635.19	41046.31	41616.00	41432.50	0.81	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-09	Instrumnet Name :	P7
Client Sample ID :	MYD480	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:46:06	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	87.86	89.99	89.88	89.24	1.34	ppb
Lead	207-1	92.42	94.19	93.91	93.51	1.02	ppb
Lead	208-1	89.83	91.73	91.41	90.99	1.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	13131.19	13073.29	13174.29	13126.26	0.39	ppb
Manganese	55-2	1735.39	1718.69	1730.36	1728.15	0.50	ppb
Molybdenum	94-1	3.46	3.68	3.64	3.60	3.24	ppb
Molybdenum	95-1	0.45	0.44	0.49	0.46	6.41	ppb
Molybdenum	96-1	1.07	1.10	1.06	1.08	2.00	ppb
Molybdenum	97-1	0.43	0.44	0.44	0.43	1.24	ppb
Molybdenum	98-1	0.40	0.40	0.41	0.40	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.31	29.31	29.74	29.78	1.68	ppb
Phosphorus	31-2	3394.35	3310.21	3315.82	3340.13	1.41	ppb
Potassium	39-2	4300.29	4233.69	4243.19	4259.06	0.85	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.25	-0.37	-0.18	-0.10		ppb
Selenium	77-2	13.75	11.33	10.78	11.95	13.22	ppb
Selenium	78-2	2.69	4.37	2.97	3.34	26.95	ppb
Silicon	28-1	4471.71	4517.96	4570.25	4519.97	1.09	ppb
Silver	107-1	0.59	0.59	0.59	0.59	0.28	ppb
Silver	109-1	0.58	0.59	0.61	0.59	2.49	ppb
Sodium	23-2	201.23	199.95	202.27	201.15	0.58	ppb
Strontium	86-1	51.29	51.50	52.55	51.78	1.30	ppb
Strontium	88-1	51.37	51.34	52.50	51.74	1.28	ppb
Sulfur	34-1	-874.57	-1059.31	-1048.70	-994.19		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.19	0.17	0.18	0.18	5.67	ppb
Thallium	205-1	0.17	0.18	0.18	0.18	3.07	ppb
Tin	118-1	0.99	0.97	1.00	0.99	1.37	ppb
Titanium	47-1	1121.24	1126.55	1142.88	1130.23	1.00	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-09	Instrumnet Name :	P7
Client Sample ID :	MYD480	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:46:06	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.46	0.50	0.46	0.47	4.42	ppb
Vanadium	51-2	88.04	88.15	87.28	87.82	0.53	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	381.22	376.95	376.87	378.35	0.66	ppb
Zirconium	90-1	1.76	1.84	1.86	1.82	2.67	ppb
Zirconium	91-1	1.76	1.87	1.90	1.84	3.92	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-10	Instrumnet Name :	P7
Client Sample ID :	MYD481	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:49:17	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13035.92	13022.30	13291.28	13116.50	1.16	ppb
Antimony	121-1	2.09	2.19	2.11	2.13	2.50	ppb
Arsenic	75-2	185.90	187.83	186.87	186.87	0.52	ppb
Barium	135-1	269.26	272.52	270.06	270.61	0.63	ppb
Barium	137-1	268.90	270.53	268.45	269.29	0.41	ppb
Beryllium	9-1	0.82	0.95	0.77	0.84	10.74	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.73	3.67	3.75	3.72	1.16	ppb
Cadmium	106-1	3.46	3.07	1.82	2.78	30.93	ppb
Cadmium	111-1	3.48	3.41	3.35	3.41	2.05	ppb
Calcium	43-1	35729.25	36730.07	36529.04	36329.45	1.46	ppb
Calcium	44-1	33628.27	34322.07	34203.11	34051.15	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.21	13.63	13.63	13.49	1.81	ppb
Cobalt	59-2	22.36	22.51	22.93	22.60	1.30	ppb
Copper	63-2	155.13	156.80	157.79	156.57	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				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	29280.81	29595.07	29881.70	29585.86	1.02	ppb
Iron	57-2	29223.89	29839.56	29805.51	29622.99	1.17	ppb
Iron	54-2	29515.06	29283.64	29368.68	29389.13	0.40	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-10	Instrumnet Name :	P7
Client Sample ID :	MYD481	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:49:17	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	178.74	181.37	180.34	180.15	0.74	ppb
Lead	207-1	188.19	190.64	191.32	190.05	0.86	ppb
Lead	208-1	192.71	196.83	196.67	195.40	1.20	ppb
Lithium	6-1				98		%
Magnesium	24-2	8591.05	8758.81	8739.55	8696.47	1.06	ppb
Manganese	55-2	1560.55	1555.89	1563.25	1559.89	0.24	ppb
Molybdenum	94-1	3.97	3.93	3.83	3.91	1.80	ppb
Molybdenum	95-1	0.49	0.49	0.50	0.49	0.81	ppb
Molybdenum	96-1	1.08	1.06	1.08	1.07	0.81	ppb
Molybdenum	97-1	0.45	0.47	0.45	0.45	3.23	ppb
Molybdenum	98-1	0.46	0.46	0.42	0.45	5.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.76	23.40	23.67	23.61	0.81	ppb
Phosphorus	31-2	4073.94	4143.88	4076.58	4098.13	0.97	ppb
Potassium	39-2	4639.14	4665.57	4791.98	4698.89	1.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.29	0.71	0.39	0.46	47.74	ppb
Selenium	77-2	14.65	13.32	10.85	12.94	14.88	ppb
Selenium	78-2	4.01	3.80	1.53	3.11	44.23	ppb
Silicon	28-1	4335.53	4431.69	4410.05	4392.42	1.15	ppb
Silver	107-1	1.24	1.26	1.23	1.24	1.12	ppb
Silver	109-1	1.19	1.26	1.23	1.23	3.03	ppb
Sodium	23-2	203.26	205.49	209.40	206.05	1.51	ppb
Strontium	86-1	31.98	32.56	32.62	32.39	1.08	ppb
Strontium	88-1	32.15	32.33	32.37	32.28	0.37	ppb
Sulfur	34-1	4636.72	4998.37	4973.23	4869.44	4.15	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.26	0.25	0.24	0.25	4.52	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	0.35	ppb
Tin	118-1	1.31	1.37	1.35	1.35	2.27	ppb
Titanium	47-1	525.82	543.68	539.84	536.45	1.75	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-10	Instrumnet Name :	P7
Client Sample ID :	MYD481	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:49:17	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.38	0.38	0.39	0.39	1.20	ppb
Vanadium	51-2	52.93	53.27	53.54	53.25	0.57	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	715.42	716.30	721.69	717.80	0.47	ppb
Zirconium	90-1	1.96	1.96	2.07	2.00	3.13	ppb
Zirconium	91-1	2.07	2.03	2.08	2.06	1.14	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-11	Instrumnet Name :	P7
Client Sample ID :	MYD482	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:52:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9546.03	9450.01	9289.02	9428.35	1.38	ppb
Antimony	121-1	0.25	0.26	0.26	0.25	1.76	ppb
Arsenic	75-2	25.78	26.73	25.34	25.95	2.73	ppb
Barium	135-1	236.02	237.83	238.36	237.40	0.52	ppb
Barium	137-1	234.55	237.17	236.70	236.14	0.59	ppb
Beryllium	9-1	0.87	0.88	0.85	0.87	1.95	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.68	0.73	0.55	0.65	14.19	ppb
Cadmium	106-1	-0.27	0.09	-0.85	-0.35		ppb
Cadmium	111-1	0.57	0.55	0.49	0.54	8.16	ppb
Calcium	43-1	14234.44	14103.58	14267.18	14201.73	0.61	ppb
Calcium	44-1	13312.98	13168.41	13430.14	13303.84	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.69	15.48	15.43	15.53	0.86	ppb
Cobalt	59-2	20.94	20.80	20.81	20.85	0.38	ppb
Copper	63-2	42.76	43.53	43.38	43.22	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	20645.10	20374.93	20370.82	20463.62	0.77	ppb
Iron	57-2	21487.65	21405.62	21477.63	21456.97	0.21	ppb
Iron	54-2	20731.61	20686.47	20505.08	20641.05	0.58	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-11	Instrumnet Name :	P7
Client Sample ID :	MYD482	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:52:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.54	34.41	34.23	34.39	0.45	ppb
Lead	207-1	34.49	34.43	34.26	34.39	0.33	ppb
Lead	208-1	34.23	34.11	34.09	34.15	0.22	ppb
Lithium	6-1				96		%
Magnesium	24-2	5821.59	5682.69	5719.86	5741.38	1.25	ppb
Manganese	55-2	1239.34	1222.42	1212.37	1224.71	1.11	ppb
Molybdenum	94-1	2.52	2.56	2.46	2.51	1.83	ppb
Molybdenum	95-1	0.35	0.35	0.33	0.34	3.55	ppb
Molybdenum	96-1	0.73	0.68	0.72	0.71	3.58	ppb
Molybdenum	97-1	0.29	0.34	0.37	0.34	11.90	ppb
Molybdenum	98-1	0.32	0.34	0.30	0.32	6.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.63	22.50	21.82	22.32	1.96	ppb
Phosphorus	31-2	2384.15	2337.48	2342.96	2354.86	1.08	ppb
Potassium	39-2	4163.93	4254.10	4278.57	4232.20	1.43	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	-0.41	-0.05	-0.48	-0.32		ppb
Selenium	77-2	15.10	13.19	15.31	14.53	8.03	ppb
Selenium	78-2	2.89	4.43	1.94	3.08	40.78	ppb
Silicon	28-1	3046.50	2995.80	3042.66	3028.32	0.93	ppb
Silver	107-1	0.20	0.19	0.22	0.20	6.69	ppb
Silver	109-1	0.20	0.20	0.22	0.20	5.33	ppb
Sodium	23-2	166.10	166.34	166.67	166.37	0.17	ppb
Strontium	86-1	28.23	28.56	28.11	28.30	0.82	ppb
Strontium	88-1	27.91	28.73	28.38	28.34	1.45	ppb
Sulfur	34-1	-995.59	-1145.75	-1137.75	-1093.03		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.11	0.11	0.11	0.11	2.99	ppb
Thallium	205-1	0.12	0.12	0.11	0.11	5.41	ppb
Tin	118-1	0.72	0.72	0.76	0.73	3.06	ppb
Titanium	47-1	695.36	689.96	700.53	695.29	0.76	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-11	Instrumnet Name :	P7
Client Sample ID :	MYD482	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:52:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.43	0.44	0.43	0.43	1.07	ppb
Vanadium	51-2	49.53	48.93	49.32	49.26	0.62	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	117.53	115.31	115.98	116.27	0.98	ppb
Zirconium	90-1	1.20	1.26	1.24	1.23	2.26	ppb
Zirconium	91-1	1.28	1.26	1.27	1.27	0.76	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-12	Instrumnet Name :	P7
Client Sample ID :	MYD483	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:55:40	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14852.62	14335.47	14317.93	14502.01	2.09	ppb
Antimony	121-1	0.75	0.78	0.77	0.77	2.40	ppb
Arsenic	75-2	70.12	70.61	72.11	70.95	1.47	ppb
Barium	135-1	305.29	308.72	307.73	307.24	0.57	ppb
Barium	137-1	305.99	310.18	307.68	307.95	0.68	ppb
Beryllium	9-1	1.08	1.05	1.04	1.06	1.81	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.14	1.83	2.49	2.15	15.31	ppb
Cadmium	106-1	1.29	1.44	0.68	1.13	35.60	ppb
Cadmium	111-1	1.98	2.14	1.96	2.03	4.88	ppb
Calcium	43-1	20394.37	20273.31	20303.63	20323.77	0.31	ppb
Calcium	44-1	18975.51	18719.36	18975.67	18890.18	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.78	15.30	15.69	15.59	1.62	ppb
Cobalt	59-2	26.32	25.37	26.09	25.93	1.91	ppb
Copper	63-2	203.64	199.25	199.25	200.71	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	24819.11	24706.80	24533.27	24686.39	0.58	ppb
Iron	57-2	26285.57	25779.86	25656.06	25907.16	1.29	ppb
Iron	54-2	25332.92	24849.12	24765.54	24982.53	1.23	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-12	Instrumnet Name :	P7
Client Sample ID :	MYD483	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:55:40	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	109.74	110.29	110.49	110.18	0.35	ppb
Lead	207-1	113.19	113.43	114.79	113.80	0.76	ppb
Lead	208-1	111.31	111.04	112.24	111.53	0.57	ppb
Lithium	6-1				96		%
Magnesium	24-2	9100.19	8953.83	8957.87	9003.97	0.93	ppb
Manganese	55-2	1716.38	1679.84	1658.15	1684.79	1.75	ppb
Molybdenum	94-1	3.75	3.77	3.94	3.82	2.82	ppb
Molybdenum	95-1	0.45	0.43	0.46	0.45	3.08	ppb
Molybdenum	96-1	0.97	0.98	0.97	0.98	0.59	ppb
Molybdenum	97-1	0.43	0.43	0.35	0.41	11.06	ppb
Molybdenum	98-1	0.43	0.40	0.41	0.41	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.67	25.75	26.26	26.23	1.75	ppb
Phosphorus	31-2	3943.06	3840.44	3871.76	3885.09	1.35	ppb
Potassium	39-2	5494.96	5512.37	5410.70	5472.68	0.99	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.47	-0.06	0.37	-0.05		ppb
Selenium	77-2	13.50	13.46	16.26	14.41	11.15	ppb
Selenium	78-2	1.66	3.20	3.21	2.69	33.07	ppb
Silicon	28-1	4267.22	4232.19	4271.55	4256.99	0.51	ppb
Silver	107-1	0.96	0.96	0.98	0.97	1.43	ppb
Silver	109-1	0.93	0.99	0.98	0.97	3.45	ppb
Sodium	23-2	199.86	199.67	201.50	200.35	0.50	ppb
Strontium	86-1	35.13	35.21	35.42	35.25	0.42	ppb
Strontium	88-1	35.05	35.00	35.57	35.21	0.90	ppb
Sulfur	34-1	792.00	661.23	675.85	709.69	10.10	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.21	0.20	0.20	0.20	3.50	ppb
Thallium	205-1	0.20	0.22	0.21	0.21	4.07	ppb
Tin	118-1	1.03	1.11	1.01	1.05	4.73	ppb
Titanium	47-1	677.22	687.29	686.04	683.52	0.80	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-12	Instrumnet Name :	P7
Client Sample ID :	MYD483	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:55:40	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.48	0.48	0.48	0.36	ppb
Vanadium	51-2	54.90	53.45	53.59	53.98	1.49	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	338.84	333.65	334.48	335.66	0.83	ppb
Zirconium	90-1	1.99	1.99	2.05	2.01	1.75	ppb
Zirconium	91-1	2.05	2.03	2.08	2.05	1.24	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-13	Instrumnet Name :	P7
Client Sample ID :	MYD484	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:58:50	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24172.92	23596.10	23893.89	23887.64	1.21	ppb
Antimony	121-1	0.67	0.62	0.65	0.65	3.61	ppb
Arsenic	75-2	63.90	62.56	63.02	63.16	1.08	ppb
Barium	135-1	410.21	409.57	413.72	411.17	0.54	ppb
Barium	137-1	407.93	408.86	410.40	409.06	0.30	ppb
Beryllium	9-1	1.51	1.54	1.61	1.55	3.25	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.36	2.21	2.09	2.22	6.16	ppb
Cadmium	106-1	1.75	-0.12	0.74	0.79	118.31	ppb
Cadmium	111-1	1.85	1.59	1.82	1.75	8.02	ppb
Calcium	43-1	17793.09	17911.44	18222.87	17975.80	1.23	ppb
Calcium	44-1	16587.85	16814.51	17146.85	16849.74	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.59	22.42	22.36	22.45	0.52	ppb
Cobalt	59-2	37.49	36.58	36.87	36.98	1.26	ppb
Copper	63-2	171.95	168.50	170.48	170.31	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	44680.09	43264.48	43744.96	43896.51	1.64	ppb
Iron	57-2	44045.08	42993.23	43468.38	43502.23	1.21	ppb
Iron	54-2	44526.43	43584.04	43867.29	43992.58	1.10	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-13	Instrumnet Name :	P7
Client Sample ID :	MYD484	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:58:50	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	72.22	72.55	75.39	73.39	2.38	ppb
Lead	207-1	72.86	73.86	76.38	74.36	2.44	ppb
Lead	208-1	72.48	73.07	75.54	73.70	2.21	ppb
Lithium	6-1				94		%
Magnesium	24-2	14387.11	14137.27	14415.28	14313.22	1.07	ppb
Manganese	55-2	1987.73	1918.75	1962.21	1956.23	1.78	ppb
Molybdenum	94-1	3.18	3.41	3.45	3.35	4.31	ppb
Molybdenum	95-1	0.36	0.38	0.43	0.39	8.78	ppb
Molybdenum	96-1	1.05	1.01	1.12	1.06	5.03	ppb
Molybdenum	97-1	0.37	0.34	0.39	0.37	6.29	ppb
Molybdenum	98-1	0.35	0.37	0.36	0.36	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.24	34.88	34.33	34.48	1.01	ppb
Phosphorus	31-2	2176.33	2130.51	2163.00	2156.61	1.09	ppb
Potassium	39-2	3640.37	3627.34	3592.83	3620.18	0.68	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.11	0.81	-0.39	0.18	344.28	ppb
Selenium	77-2	23.12	14.60	13.76	17.16	30.17	ppb
Selenium	78-2	2.31	3.31	3.37	3.00	19.81	ppb
Silicon	28-1	4104.18	4118.28	4216.82	4146.43	1.48	ppb
Silver	107-1	0.63	0.64	0.67	0.65	2.94	ppb
Silver	109-1	0.67	0.64	0.65	0.65	2.50	ppb
Sodium	23-2	212.02	208.99	212.56	211.19	0.91	ppb
Strontium	86-1	68.40	70.07	71.72	70.06	2.37	ppb
Strontium	88-1	68.46	70.04	70.52	69.67	1.55	ppb
Sulfur	34-1	-1264.19	-1362.76	-1294.58	-1307.18		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.15	0.15	0.17	0.16	8.97	ppb
Thallium	205-1	0.16	0.15	0.16	0.16	3.61	ppb
Tin	118-1	1.08	1.09	1.08	1.08	0.27	ppb
Titanium	47-1	1265.68	1277.45	1296.60	1279.91	1.22	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-13	Instrumnet Name :	P7
Client Sample ID :	MYD484	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:58:50	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.62	0.65	0.64	2.74	ppb
Vanadium	51-2	100.25	100.16	99.24	99.89	0.56	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	259.71	258.36	255.41	257.82	0.85	ppb
Zirconium	90-1	1.75	1.81	1.76	1.77	1.97	ppb
Zirconium	91-1	1.84	1.83	1.72	1.80	3.81	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-19	Instrumnet Name :	P7
Client Sample ID :	MYD490	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:02:02	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18811.83	18932.89	18948.35	18897.69	0.40	ppb
Antimony	121-1	0.87	0.84	0.83	0.85	2.52	ppb
Arsenic	75-2	112.53	111.17	113.12	112.27	0.89	ppb
Barium	135-1	311.58	312.97	310.63	311.73	0.38	ppb
Barium	137-1	308.89	312.42	308.63	309.98	0.68	ppb
Beryllium	9-1	1.20	1.19	1.14	1.18	2.85	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.31	3.36	3.22	3.30	2.16	ppb
Cadmium	106-1	1.92	1.78	1.78	1.83	4.41	ppb
Cadmium	111-1	3.12	3.03	3.15	3.10	1.94	ppb
Calcium	43-1	15671.34	15948.03	15658.95	15759.44	1.04	ppb
Calcium	44-1	14662.65	14694.43	14778.19	14711.75	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.24	19.48	19.59	19.44	0.93	ppb
Cobalt	59-2	33.56	33.93	33.47	33.65	0.72	ppb
Copper	63-2	207.17	209.52	207.93	208.21	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				108		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	36847.85	37621.54	37101.20	37190.20	1.06	ppb
Iron	57-2	36932.29	37138.58	37674.01	37248.29	1.03	ppb
Iron	54-2	37053.25	37636.93	37328.79	37339.66	0.78	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-19	Instrumnet Name :	P7
Client Sample ID :	MYD490	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:02:02	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	147.86	148.03	148.66	148.19	0.28	ppb
Lead	207-1	153.92	154.37	154.13	154.14	0.15	ppb
Lead	208-1	159.18	159.69	161.42	160.10	0.73	ppb
Lithium	6-1				97		%
Magnesium	24-2	11034.62	11152.84	11080.70	11089.39	0.54	ppb
Manganese	55-2	2146.77	2167.39	2156.75	2156.97	0.48	ppb
Molybdenum	94-1	2.89	2.91	3.07	2.96	3.19	ppb
Molybdenum	95-1	0.54	0.54	0.48	0.52	7.08	ppb
Molybdenum	96-1	1.05	1.01	1.02	1.03	1.92	ppb
Molybdenum	97-1	0.45	0.42	0.47	0.45	5.02	ppb
Molybdenum	98-1	0.45	0.46	0.46	0.46	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.00	32.22	32.53	32.25	0.82	ppb
Phosphorus	31-2	2892.60	3025.51	2947.84	2955.32	2.26	ppb
Potassium	39-2	4847.61	4922.47	4889.10	4886.39	0.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	-0.41	0.50	0.62	0.24	239.06	ppb
Selenium	77-2	15.58	11.74	14.66	13.99	14.34	ppb
Selenium	78-2	1.91	3.34	3.32	2.86	28.66	ppb
Silicon	28-1	4171.66	4272.68	4226.37	4223.57	1.20	ppb
Silver	107-1	0.85	0.86	0.88	0.86	1.36	ppb
Silver	109-1	0.84	0.88	0.90	0.87	3.80	ppb
Sodium	23-2	211.94	219.87	216.35	216.05	1.84	ppb
Strontium	86-1	53.84	54.00	53.81	53.88	0.19	ppb
Strontium	88-1	53.39	53.66	53.32	53.46	0.34	ppb
Sulfur	34-1	-1104.06	-1214.57	-1196.15	-1171.59		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.18	0.17	0.16	0.17	6.13	ppb
Thallium	205-1	0.18	0.17	0.18	0.18	2.70	ppb
Tin	118-1	1.21	1.21	1.22	1.21	0.56	ppb
Titanium	47-1	1197.36	1223.26	1207.66	1209.42	1.08	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-19	Instrumnet Name :	P7
Client Sample ID :	MYD490	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:02:02	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.51	0.51	0.50	3.18	ppb
Vanadium	51-2	73.14	73.65	73.25	73.35	0.36	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	454.41	456.18	457.50	456.03	0.34	ppb
Zirconium	90-1	1.45	1.48	1.44	1.45	1.30	ppb
Zirconium	91-1	1.41	1.54	1.49	1.48	4.47	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-20	Instrumnet Name :	P7
Client Sample ID :	MYD491	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:05:10	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24270.16	24294.64	23497.11	24020.64	1.89	ppb
Antimony	121-1	0.69	0.68	0.66	0.68	2.20	ppb
Arsenic	75-2	81.99	81.14	79.23	80.79	1.75	ppb
Barium	135-1	391.19	399.19	401.35	397.25	1.35	ppb
Barium	137-1	392.07	397.83	398.79	396.23	0.92	ppb
Beryllium	9-1	1.42	1.45	1.40	1.42	1.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.13	2.90	2.99	2.67	17.70	ppb
Cadmium	106-1	1.55	0.18	1.44	1.06	71.84	ppb
Cadmium	111-1	2.38	2.28	2.39	2.35	2.52	ppb
Calcium	43-1	18417.46	18854.29	18893.34	18721.70	1.41	ppb
Calcium	44-1	17320.50	17569.95	17716.92	17535.79	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.31	22.97	22.37	22.88	2.08	ppb
Cobalt	59-2	39.51	38.79	37.92	38.74	2.06	ppb
Copper	63-2	200.59	202.07	194.40	199.02	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	44729.15	45072.17	42687.41	44162.91	2.92	ppb
Iron	57-2	44836.93	45503.72	43511.51	44617.39	2.27	ppb
Iron	54-2	45104.20	44885.33	42993.93	44327.82	2.62	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-20	Instrumnet Name :	P7
Client Sample ID :	MYD491	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:05:10	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	96.96	97.47	99.02	97.81	1.10	ppb
Lead	207-1	99.71	100.82	102.74	101.09	1.52	ppb
Lead	208-1	97.74	98.47	100.44	98.88	1.42	ppb
Lithium	6-1				95		%
Magnesium	24-2	14284.86	14537.13	13869.17	14230.39	2.37	ppb
Manganese	55-2	2192.90	2193.87	2080.73	2155.83	3.02	ppb
Molybdenum	94-1	3.47	3.50	3.57	3.51	1.46	ppb
Molybdenum	95-1	0.53	0.56	0.61	0.57	6.87	ppb
Molybdenum	96-1	1.24	1.26	1.21	1.23	2.04	ppb
Molybdenum	97-1	0.58	0.53	0.51	0.54	6.40	ppb
Molybdenum	98-1	0.52	0.51	0.56	0.53	4.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.14	33.63	33.77	34.18	2.44	ppb
Phosphorus	31-2	2611.97	2576.28	2448.80	2545.68	3.37	ppb
Potassium	39-2	3765.26	3733.57	3634.26	3711.03	1.84	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	0.98	0.49	0.33	0.60	56.09	ppb
Selenium	77-2	16.33	11.59	18.28	15.40	22.35	ppb
Selenium	78-2	4.63	1.48	3.23	3.12	50.63	ppb
Silicon	28-1	4307.35	4398.00	4370.99	4358.78	1.07	ppb
Silver	107-1	0.79	0.82	0.81	0.81	1.88	ppb
Silver	109-1	0.82	0.80	0.83	0.82	2.06	ppb
Sodium	23-2	244.59	242.26	240.30	242.38	0.89	ppb
Strontium	86-1	65.80	65.56	66.65	66.00	0.87	ppb
Strontium	88-1	65.32	66.12	67.30	66.25	1.50	ppb
Sulfur	34-1	-1399.49	-1260.16	-1303.92	-1321.19		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.17	0.16	0.18	0.17	4.65	ppb
Thallium	205-1	0.17	0.18	0.18	0.18	4.64	ppb
Tin	118-1	1.35	1.37	1.39	1.37	1.39	ppb
Titanium	47-1	1300.29	1329.48	1333.71	1321.16	1.38	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-20	Instrumnet Name :	P7
Client Sample ID :	MYD491	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:05:10	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.57	0.57	0.59	0.58	2.35	ppb
Vanadium	51-2	99.39	97.34	94.64	97.13	2.45	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	355.89	346.47	338.65	347.00	2.49	ppb
Zirconium	90-1	1.72	1.73	1.81	1.75	2.99	ppb
Zirconium	91-1	1.70	1.75	1.76	1.74	1.62	ppb

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-21	Instrumnet Name :	P7
Client Sample ID :	MYD492	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:08:22	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14539.78	14622.07	14604.18	14588.68	0.30	ppb
Antimony	121-1	0.61	0.64	0.62	0.62	2.08	ppb
Arsenic	75-2	82.89	83.90	84.62	83.80	1.03	ppb
Barium	135-1	277.42	284.42	276.70	279.51	1.53	ppb
Barium	137-1	274.23	283.61	277.62	278.49	1.71	ppb
Beryllium	9-1	1.06	1.11	1.13	1.10	3.14	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.34	1.45	1.35	1.38	4.65	ppb
Cadmium	106-1	-0.96	-0.42	-0.48	-0.62		ppb
Cadmium	111-1	1.12	1.12	1.18	1.14	2.93	ppb
Calcium	43-1	15093.29	15170.00	14961.53	15074.94	0.70	ppb
Calcium	44-1	14217.16	14207.97	13882.41	14102.51	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.41	15.60	15.55	15.52	0.62	ppb
Cobalt	59-2	25.59	25.96	25.43	25.66	1.06	ppb
Copper	63-2	98.89	99.97	99.85	99.57	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				105		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	27308.99	27447.62	27420.64	27392.41	0.27	ppb
Iron	57-2	27439.93	27958.95	27871.31	27756.73	1.00	ppb
Iron	54-2	27431.79	27742.23	27801.28	27658.43	0.72	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-21	Instrumnet Name :	P7
Client Sample ID :	MYD492	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:08:22	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	87.27	87.38	88.51	87.72	0.79	ppb
Lead	207-1	91.84	91.79	92.62	92.08	0.50	ppb
Lead	208-1	88.74	89.57	90.03	89.44	0.73	ppb
Lithium	6-1				94		%
Magnesium	24-2	8550.04	8724.23	8686.07	8653.45	1.06	ppb
Manganese	55-2	1499.45	1543.36	1545.68	1529.50	1.70	ppb
Molybdenum	94-1	2.29	2.34	2.30	2.31	1.15	ppb
Molybdenum	95-1	0.35	0.36	0.36	0.36	2.19	ppb
Molybdenum	96-1	0.75	0.78	0.79	0.77	2.65	ppb
Molybdenum	97-1	0.37	0.33	0.34	0.35	6.43	ppb
Molybdenum	98-1	0.33	0.34	0.32	0.33	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.79	24.33	25.24	24.78	1.83	ppb
Phosphorus	31-2	2279.61	2268.27	2194.83	2247.57	2.05	ppb
Potassium	39-2	3829.41	3858.80	3862.72	3850.31	0.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.15	0.89	-0.39	0.21	301.06	ppb
Selenium	77-2	12.87	16.56	16.03	15.16	13.15	ppb
Selenium	78-2	3.33	1.05	2.21	2.20	51.99	ppb
Silicon	28-1	3879.17	3885.53	3840.58	3868.43	0.63	ppb
Silver	107-1	0.53	0.55	0.53	0.54	1.86	ppb
Silver	109-1	0.56	0.53	0.54	0.54	3.09	ppb
Sodium	23-2	206.51	209.86	213.23	209.86	1.60	ppb
Strontium	86-1	52.52	53.06	52.99	52.85	0.55	ppb
Strontium	88-1	52.58	53.21	52.71	52.83	0.63	ppb
Sulfur	34-1	-1095.22	-1092.97	-1159.73	-1115.98		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.11	0.12	0.11	5.85	ppb
Thallium	205-1	0.12	0.13	0.13	0.13	5.65	ppb
Tin	118-1	0.95	0.98	0.99	0.97	1.74	ppb
Titanium	47-1	1027.34	1030.49	1015.30	1024.38	0.78	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-21	Instrumnet Name :	P7
Client Sample ID :	MYD492	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:08:22	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.37	0.38	0.37	0.37	1.00	ppb
Vanadium	51-2	58.87	60.41	59.59	59.62	1.29	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	270.78	273.65	272.33	272.26	0.53	ppb
Zirconium	90-1	1.12	1.16	1.15	1.15	1.94	ppb
Zirconium	91-1	1.18	1.15	1.18	1.17	1.22	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-22	Instrumnet Name :	P7
Client Sample ID :	MYD493	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:11:32	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15903.99	16081.70	16043.51	16009.73	0.58	ppb
Antimony	121-1	0.61	0.63	0.66	0.63	4.17	ppb
Arsenic	75-2	92.59	92.34	90.15	91.69	1.46	ppb
Barium	135-1	294.96	300.54	296.97	297.49	0.95	ppb
Barium	137-1	295.23	299.99	297.69	297.64	0.80	ppb
Beryllium	9-1	1.03	1.14	1.12	1.10	5.52	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.48	2.02	1.49	2.00	24.92	ppb
Cadmium	106-1	1.50	-0.28	0.05	0.42	223.33	ppb
Cadmium	111-1	1.86	1.77	1.96	1.87	5.01	ppb
Calcium	43-1	12547.46	12852.90	12762.80	12721.05	1.23	ppb
Calcium	44-1	11723.06	12185.78	11917.57	11942.14	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.60	22.22	22.56	22.46	0.93	ppb
Cobalt	59-2	27.59	27.53	27.98	27.70	0.88	ppb
Copper	63-2	125.16	124.97	126.36	125.50	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	31641.55	31715.97	32107.69	31821.74	0.79	ppb
Iron	57-2	32038.84	32202.21	32073.36	32104.80	0.27	ppb
Iron	54-2	32206.97	31592.97	32352.74	32050.89	1.26	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-22	Instrumnet Name :	P7
Client Sample ID :	MYD493	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:11:32	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	106.13	109.49	105.40	107.01	2.04	ppb
Lead	207-1	110.38	113.88	111.04	111.77	1.66	ppb
Lead	208-1	108.39	111.55	107.88	109.27	1.82	ppb
Lithium	6-1				95		%
Magnesium	24-2	9425.28	9373.98	9531.96	9443.74	0.85	ppb
Manganese	55-2	1722.64	1714.29	1729.94	1722.29	0.45	ppb
Molybdenum	94-1	2.79	2.83	2.90	2.84	1.82	ppb
Molybdenum	95-1	0.38	0.41	0.45	0.41	8.52	ppb
Molybdenum	96-1	0.96	0.92	0.94	0.94	2.31	ppb
Molybdenum	97-1	0.39	0.40	0.43	0.41	4.91	ppb
Molybdenum	98-1	0.35	0.40	0.37	0.37	6.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.45	26.94	27.22	27.20	0.95	ppb
Phosphorus	31-2	2323.73	2293.90	2249.51	2289.05	1.63	ppb
Potassium	39-2	3398.56	3315.62	3423.18	3379.12	1.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	0.10	0.29	0.53	0.31	71.12	ppb
Selenium	77-2	11.85	12.68	11.89	12.14	3.85	ppb
Selenium	78-2	0.89	3.24	1.73	1.95	60.97	ppb
Silicon	28-1	4191.97	4271.92	4252.17	4238.69	0.98	ppb
Silver	107-1	0.66	0.69	0.67	0.67	1.76	ppb
Silver	109-1	0.69	0.72	0.71	0.70	2.09	ppb
Sodium	23-2	220.49	222.14	224.49	222.37	0.91	ppb
Strontium	86-1	46.00	47.50	47.33	46.94	1.75	ppb
Strontium	88-1	46.20	47.64	47.19	47.01	1.57	ppb
Sulfur	34-1	-1332.01	-1403.04	-1426.60	-1387.22		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.12	0.14	0.13	0.13	8.25	ppb
Thallium	205-1	0.13	0.13	0.12	0.12	3.28	ppb
Tin	118-1	1.25	1.25	1.25	1.25	0.07	ppb
Titanium	47-1	1118.98	1147.84	1136.52	1134.45	1.28	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-22	Instrumnet Name :	P7
Client Sample ID :	MYD493	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:11:32	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.46	0.48	0.46	0.47	2.37	ppb
Vanadium	51-2	68.02	66.98	67.85	67.62	0.82	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	299.28	293.17	299.66	297.37	1.23	ppb
Zirconium	90-1	1.39	1.42	1.39	1.40	0.97	ppb
Zirconium	91-1	1.42	1.44	1.44	1.43	0.74	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-01	Instrumnet Name :	P7
Client Sample ID :	MYD455	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:14:45	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40368.10	39878.67	40212.05	40152.94	0.62	ppb
Antimony	121-1	2.44	2.37	2.54	2.45	3.54	ppb
Arsenic	75-2	195.20	201.47	197.51	198.06	1.60	ppb
Barium	135-1	270.50	270.92	272.09	271.17	0.30	ppb
Barium	137-1	270.14	268.58	272.09	270.27	0.65	ppb
Beryllium	9-1	1.60	1.50	1.60	1.56	3.56	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.09	2.97	2.68	2.91	7.35	ppb
Cadmium	106-1	1.95	4.28	2.10	2.78	47.11	ppb
Cadmium	111-1	2.86	2.90	2.90	2.89	0.74	ppb
Calcium	43-1	15033.63	15283.31	15043.08	15120.01	0.94	ppb
Calcium	44-1	14197.79	14272.05	14024.91	14164.92	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.39	45.84	46.73	46.32	0.97	ppb
Cobalt	59-2	49.10	48.41	48.69	48.73	0.70	ppb
Copper	63-2	253.81	251.16	253.41	252.79	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				106		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	105891.65	105002.87	106378.48	105757.67	0.66	ppb
Iron	57-2	105163.86	104584.04	105375.24	105041.05	0.39	ppb
Iron	54-2	105583.09	106063.64	106438.14	106028.29	0.40	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-01	Instrumnet Name :	P7
Client Sample ID :	MYD455	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:14:45	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	157.01	157.46	159.55	158.01	0.86	ppb
Lead	207-1	165.40	165.42	168.16	166.33	0.95	ppb
Lead	208-1	170.61	170.98	172.36	171.32	0.54	ppb
Lithium	6-1				95		%
Magnesium	24-2	18177.92	17984.56	18003.37	18055.28	0.59	ppb
Manganese	55-2	1998.18	2001.53	2015.50	2005.07	0.46	ppb
Molybdenum	94-1	11.44	11.47	11.55	11.49	0.48	ppb
Molybdenum	95-1	1.16	1.08	1.07	1.10	4.16	ppb
Molybdenum	96-1	3.05	3.08	3.16	3.09	1.91	ppb
Molybdenum	97-1	1.09	1.00	1.10	1.06	5.50	ppb
Molybdenum	98-1	1.02	1.03	1.06	1.04	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.46	43.88	45.22	44.52	1.51	ppb
Phosphorus	31-2	2725.00	2642.44	2628.47	2665.30	1.96	ppb
Potassium	39-2	6791.56	6658.57	6770.72	6740.28	1.06	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	0.88	1.25	0.59	0.91	36.69	ppb
Selenium	77-2	15.42	16.16	15.04	15.54	3.68	ppb
Selenium	78-2	4.27	3.80	2.62	3.56	23.80	ppb
Silicon	28-1	1972.03	2021.58	1982.49	1992.03	1.31	ppb
Silver	107-1	0.87	0.86	0.90	0.88	2.42	ppb
Silver	109-1	0.86	0.86	0.89	0.87	2.29	ppb
Sodium	23-2	290.43	287.89	290.07	289.46	0.48	ppb
Strontium	86-1	57.53	59.19	58.81	58.51	1.49	ppb
Strontium	88-1	58.19	58.49	58.69	58.46	0.44	ppb
Sulfur	34-1	-1373.94	-1284.76	-1358.10	-1338.94		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.32	0.30	0.29	0.30	3.57	ppb
Thallium	205-1	0.30	0.28	0.29	0.29	3.58	ppb
Tin	118-1	1.54	1.53	1.50	1.53	1.24	ppb
Titanium	47-1	920.89	940.85	923.88	928.54	1.16	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-01	Instrumnet Name :	P7
Client Sample ID :	MYD455	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:14:45	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.69	0.70	0.69	1.01	ppb
Vanadium	51-2	186.99	185.98	187.34	186.77	0.38	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	611.93	609.38	610.64	610.65	0.21	ppb
Zirconium	90-1	5.96	6.12	6.09	6.06	1.41	ppb
Zirconium	91-1	6.18	6.08	6.11	6.12	0.81	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-02	Instrumnet Name :	P7
Client Sample ID :	MYD456	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:17:55	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37182.37	37501.87	36764.75	37149.67	1.00	ppb
Antimony	121-1	1.19	1.21	1.14	1.18	3.15	ppb
Arsenic	75-2	83.62	84.85	83.41	83.96	0.92	ppb
Barium	135-1	272.05	269.11	272.28	271.15	0.65	ppb
Barium	137-1	269.34	267.81	271.64	269.60	0.72	ppb
Beryllium	9-1	1.62	1.55	1.64	1.60	2.66	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.58	1.24	1.31	1.38	12.87	ppb
Cadmium	106-1	0.39	-0.85	-0.41	-0.29		ppb
Cadmium	111-1	0.94	0.83	0.82	0.86	7.30	ppb
Calcium	43-1	15177.47	15359.12	15710.59	15415.73	1.76	ppb
Calcium	44-1	14130.41	14401.88	14464.72	14332.34	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.12	39.46	38.84	39.14	0.79	ppb
Cobalt	59-2	39.06	39.56	39.15	39.26	0.68	ppb
Copper	63-2	136.33	139.91	136.45	137.56	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				105		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	82721.10	84225.17	82325.52	83090.59	1.21	ppb
Iron	57-2	82003.43	82527.48	80242.16	81591.02	1.47	ppb
Iron	54-2	82989.66	84096.07	81914.31	83000.02	1.31	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-02	Instrumnet Name :	P7
Client Sample ID :	MYD456	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:17:55	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.00	45.35	45.14	45.16	0.38	ppb
Lead	207-1	45.49	46.73	45.99	46.07	1.35	ppb
Lead	208-1	44.92	45.74	45.39	45.35	0.90	ppb
Lithium	6-1				94		%
Magnesium	24-2	15205.50	15306.40	14780.44	15097.45	1.85	ppb
Manganese	55-2	1598.40	1623.95	1588.52	1603.62	1.14	ppb
Molybdenum	94-1	7.88	8.10	8.04	8.00	1.45	ppb
Molybdenum	95-1	0.77	0.73	0.78	0.76	3.43	ppb
Molybdenum	96-1	2.14	2.27	2.23	2.22	3.06	ppb
Molybdenum	97-1	0.81	0.83	0.79	0.81	2.86	ppb
Molybdenum	98-1	0.73	0.71	0.69	0.71	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.68	39.86	38.48	39.01	1.91	ppb
Phosphorus	31-2	2001.09	2063.54	1920.61	1995.08	3.59	ppb
Potassium	39-2	6770.96	6925.77	6721.14	6805.95	1.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.54	0.50	0.56	0.53	6.46	ppb
Selenium	77-2	16.89	21.89	16.31	18.36	16.71	ppb
Selenium	78-2	3.85	2.78	3.49	3.37	16.18	ppb
Silicon	28-1	1713.80	1745.37	1760.89	1740.02	1.38	ppb
Silver	107-1	0.36	0.36	0.40	0.37	7.01	ppb
Silver	109-1	0.36	0.37	0.41	0.38	6.19	ppb
Sodium	23-2	204.29	207.72	206.54	206.19	0.85	ppb
Strontium	86-1	60.50	59.86	60.41	60.26	0.58	ppb
Strontium	88-1	60.04	60.46	60.21	60.24	0.35	ppb
Sulfur	34-1	-1357.58	-1323.35	-1245.85	-1308.93		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.21	0.20	0.21	0.21	2.85	ppb
Thallium	205-1	0.20	0.20	0.20	0.20	0.42	ppb
Tin	118-1	1.03	1.00	1.04	1.03	2.14	ppb
Titanium	47-1	633.80	648.11	663.50	648.47	2.29	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-02	Instrumnet Name :	P7
Client Sample ID :	MYD456	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:17:55	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.57	0.58	0.58	0.74	ppb
Vanadium	51-2	138.56	140.53	136.86	138.65	1.32	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	249.19	246.23	241.54	245.65	1.57	ppb
Zirconium	90-1	4.24	4.26	4.28	4.26	0.55	ppb
Zirconium	91-1	4.27	4.33	4.36	4.32	1.06	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-03	Instrumnet Name :	P7
Client Sample ID :	MYD457	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:21:08	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33443.07	33081.20	33814.06	33446.11	1.10	ppb
Antimony	121-1	2.17	2.22	2.25	2.21	1.67	ppb
Arsenic	75-2	147.60	145.66	143.15	145.47	1.53	ppb
Barium	135-1	289.95	293.91	293.92	292.59	0.78	ppb
Barium	137-1	286.28	294.05	295.85	292.06	1.74	ppb
Beryllium	9-1	1.48	1.47	1.57	1.50	3.57	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.95	2.73	3.30	2.99	9.57	ppb
Cadmium	106-1	1.24	0.46	0.33	0.68	72.65	ppb
Cadmium	111-1	2.06	2.13	2.05	2.08	1.97	ppb
Calcium	43-1	14219.55	14113.45	14226.29	14186.43	0.45	ppb
Calcium	44-1	13375.06	13299.93	13342.20	13339.06	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.56	35.44	34.98	35.32	0.86	ppb
Cobalt	59-2	38.11	38.11	37.80	38.01	0.47	ppb
Copper	63-2	192.71	193.49	192.81	193.00	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	87119.93	87172.68	86922.01	87071.54	0.15	ppb
Iron	57-2	87171.60	85713.97	85516.09	86133.89	1.05	ppb
Iron	54-2	87091.20	87116.42	86868.59	87025.40	0.16	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-03	Instrumnet Name :	P7
Client Sample ID :	MYD457	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:21:08	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	127.18	125.80	129.15	127.38	1.32	ppb
Lead	207-1	131.05	131.00	134.44	132.16	1.49	ppb
Lead	208-1	128.64	128.81	131.47	129.64	1.23	ppb
Lithium	6-1				91		%
Magnesium	24-2	14653.16	14363.92	14842.90	14619.99	1.65	ppb
Manganese	55-2	1781.45	1780.39	1765.40	1775.74	0.51	ppb
Molybdenum	94-1	10.28	10.45	10.14	10.29	1.49	ppb
Molybdenum	95-1	0.92	1.01	0.91	0.95	5.97	ppb
Molybdenum	96-1	2.68	2.69	2.68	2.68	0.26	ppb
Molybdenum	97-1	0.96	1.06	0.94	0.98	6.55	ppb
Molybdenum	98-1	0.95	0.93	0.94	0.94	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.56	38.29	37.69	38.18	1.16	ppb
Phosphorus	31-2	2526.63	2494.47	2517.61	2512.91	0.66	ppb
Potassium	39-2	7037.52	6958.77	7164.55	7053.61	1.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.86	1.62	0.80	1.09	41.97	ppb
Selenium	77-2	13.04	15.04	13.52	13.87	7.54	ppb
Selenium	78-2	3.04	3.23	2.93	3.07	5.00	ppb
Silicon	28-1	2014.93	2027.98	2032.64	2025.18	0.45	ppb
Silver	107-1	0.65	0.67	0.69	0.67	3.26	ppb
Silver	109-1	0.64	0.69	0.69	0.67	4.02	ppb
Sodium	23-2	211.36	209.00	210.88	210.41	0.59	ppb
Strontium	86-1	61.64	62.08	60.72	61.48	1.13	ppb
Strontium	88-1	61.15	62.29	60.98	61.47	1.15	ppb
Sulfur	34-1	-1206.93	-1220.51	-1261.69	-1229.71		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.25	0.26	0.26	0.25	1.85	ppb
Thallium	205-1	0.27	0.25	0.28	0.27	4.49	ppb
Tin	118-1	1.28	1.36	1.35	1.33	3.29	ppb
Titanium	47-1	846.13	844.70	848.98	846.60	0.26	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-03	Instrumnet Name :	P7
Client Sample ID :	MYD457	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:21:08	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.69	0.70	0.69	2.04	ppb
Vanadium	51-2	145.99	146.18	147.89	146.69	0.72	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	498.06	495.90	498.37	497.44	0.27	ppb
Zirconium	90-1	5.36	5.36	5.38	5.37	0.23	ppb
Zirconium	91-1	5.66	5.60	5.51	5.59	1.38	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-04	Instrumnet Name :	P7
Client Sample ID :	MYD458	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:24:18	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30646.94	31583.99	31035.34	31088.76	1.51	ppb
Antimony	121-1	2.56	2.72	2.62	2.63	3.05	ppb
Arsenic	75-2	189.50	185.46	190.62	188.53	1.44	ppb
Barium	135-1	287.95	288.72	291.20	289.29	0.59	ppb
Barium	137-1	285.90	286.44	287.22	286.52	0.23	ppb
Beryllium	9-1	1.39	1.41	1.28	1.36	5.05	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.71	3.12	2.56	2.80	10.34	ppb
Cadmium	106-1	2.18	3.54	1.37	2.36	46.43	ppb
Cadmium	111-1	2.71	2.71	2.64	2.69	1.57	ppb
Calcium	43-1	15145.52	15380.10	15376.11	15300.58	0.88	ppb
Calcium	44-1	14306.12	14309.55	14317.18	14310.95	0.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.04	36.22	35.23	35.83	1.47	ppb
Cobalt	59-2	34.49	34.40	34.26	34.38	0.34	ppb
Copper	63-2	207.39	207.42	206.25	207.02	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				106		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	82315.23	82861.79	82066.57	82414.53	0.49	ppb
Iron	57-2	82222.68	82861.32	81125.54	82069.85	1.07	ppb
Iron	54-2	82589.87	82402.90	82097.22	82363.33	0.30	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-04	Instrumnet Name :	P7
Client Sample ID :	MYD458	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:24:18	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	133.74	135.76	138.23	135.91	1.66	ppb
Lead	207-1	140.58	143.23	142.89	142.23	1.01	ppb
Lead	208-1	144.54	145.93	147.77	146.08	1.11	ppb
Lithium	6-1				95		%
Magnesium	24-2	13540.38	13563.77	13449.59	13517.92	0.45	ppb
Manganese	55-2	1700.10	1712.74	1688.09	1700.31	0.73	ppb
Molybdenum	94-1	8.99	9.28	9.37	9.21	2.17	ppb
Molybdenum	95-1	1.09	1.06	1.16	1.10	4.64	ppb
Molybdenum	96-1	2.61	2.59	2.67	2.62	1.57	ppb
Molybdenum	97-1	1.10	1.15	1.15	1.13	2.37	ppb
Molybdenum	98-1	1.08	1.09	1.06	1.07	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.24	33.96	34.16	34.12	0.43	ppb
Phosphorus	31-2	2188.15	2255.06	2175.85	2206.35	1.93	ppb
Potassium	39-2	6584.64	6607.74	6465.69	6552.69	1.16	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.66	0.72	1.98	1.12	66.85	ppb
Selenium	77-2	12.01	12.89	13.22	12.70	4.95	ppb
Selenium	78-2	3.53	2.15	3.97	3.22	29.59	ppb
Silicon	28-1	1999.43	1988.40	1998.05	1995.29	0.30	ppb
Silver	107-1	1.20	1.24	1.18	1.21	2.47	ppb
Silver	109-1	1.20	1.26	1.22	1.22	2.62	ppb
Sodium	23-2	191.26	195.93	194.46	193.88	1.23	ppb
Strontium	86-1	57.17	58.48	58.03	57.90	1.15	ppb
Strontium	88-1	57.33	57.30	57.77	57.47	0.46	ppb
Sulfur	34-1	1864.53	1797.36	1815.97	1825.96	1.90	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.24	0.24	0.25	0.24	1.45	ppb
Thallium	205-1	0.24	0.23	0.24	0.24	2.28	ppb
Tin	118-1	1.35	1.31	1.32	1.32	1.61	ppb
Titanium	47-1	683.74	689.90	688.93	687.52	0.48	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-04	Instrumnet Name :	P7
Client Sample ID :	MYD458	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:24:18	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.53	0.57	0.56	0.55	3.14	ppb
Vanadium	51-2	143.77	144.41	142.89	143.69	0.53	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	560.03	566.63	560.58	562.41	0.65	ppb
Zirconium	90-1	4.71	4.76	4.79	4.75	0.85	ppb
Zirconium	91-1	4.81	4.81	4.81	4.81	0.07	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05	Instrumnet Name :	P7
Client Sample ID :	MYD459	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:27:29	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41397.39	41499.32	40749.99	41215.57	0.99	ppb
Antimony	121-1	0.95	0.95	0.94	0.94	0.82	ppb
Arsenic	75-2	101.81	104.45	104.05	103.44	1.38	ppb
Barium	135-1	310.41	310.68	312.76	311.28	0.41	ppb
Barium	137-1	306.61	309.40	312.20	309.40	0.90	ppb
Beryllium	9-1	1.50	1.68	1.73	1.64	7.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.98	2.21	2.28	2.16	7.23	ppb
Cadmium	106-1	0.86	1.66	0.43	0.98	63.58	ppb
Cadmium	111-1	1.40	1.45	1.34	1.40	3.82	ppb
Calcium	43-1	15496.35	15689.93	15573.52	15586.60	0.63	ppb
Calcium	44-1	14575.92	14427.91	14660.72	14554.85	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.39	37.81	37.65	37.95	1.03	ppb
Cobalt	59-2	36.90	36.83	36.95	36.89	0.17	ppb
Copper	63-2	142.86	143.56	142.08	142.83	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	90563.47	90183.42	90389.78	90378.89	0.21	ppb
Iron	57-2	89592.46	90034.57	90363.87	89996.97	0.43	ppb
Iron	54-2	91576.20	89722.88	90599.57	90632.88	1.02	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05	Instrumnet Name :	P7
Client Sample ID :	MYD459	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:27:29	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.39	66.66	67.54	67.20	0.70	ppb
Lead	207-1	68.80	67.29	68.89	68.33	1.31	ppb
Lead	208-1	67.72	67.16	67.96	67.61	0.61	ppb
Lithium	6-1				95		%
Magnesium	24-2	16263.35	16299.57	16095.89	16219.61	0.67	ppb
Manganese	55-2	1760.36	1747.03	1748.95	1752.11	0.41	ppb
Molybdenum	94-1	11.73	12.25	11.94	11.97	2.18	ppb
Molybdenum	95-1	0.79	0.77	0.86	0.81	5.50	ppb
Molybdenum	96-1	2.71	2.76	2.80	2.76	1.68	ppb
Molybdenum	97-1	0.84	0.83	0.85	0.84	1.12	ppb
Molybdenum	98-1	0.77	0.76	0.78	0.77	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.15	36.68	36.04	36.29	0.94	ppb
Phosphorus	31-2	2000.83	1975.84	1954.77	1977.15	1.17	ppb
Potassium	39-2	4310.72	4280.32	4320.44	4303.83	0.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.34	0.21	1.33	0.63	97.83	ppb
Selenium	77-2	14.97	9.21	11.78	11.99	24.06	ppb
Selenium	78-2	2.29	3.34	4.22	3.28	29.53	ppb
Silicon	28-1	3026.13	3117.27	3057.30	3066.90	1.51	ppb
Silver	107-1	0.48	0.45	0.44	0.46	3.54	ppb
Silver	109-1	0.45	0.47	0.49	0.47	4.37	ppb
Sodium	23-2	235.82	237.20	235.43	236.15	0.39	ppb
Strontium	86-1	59.77	60.90	60.82	60.50	1.05	ppb
Strontium	88-1	60.23	61.19	61.12	60.85	0.89	ppb
Sulfur	34-1	-1441.56	-1462.70	-1490.89	-1465.05		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.21	0.22	0.21	0.22	3.15	ppb
Thallium	205-1	0.21	0.21	0.20	0.21	4.25	ppb
Tin	118-1	1.04	1.02	1.08	1.04	3.05	ppb
Titanium	47-1	733.29	742.98	744.61	740.29	0.83	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05	Instrumnet Name :	P7
Client Sample ID :	MYD459	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:27:29	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.65	0.64	0.64	0.83	ppb
Vanadium	51-2	160.92	160.17	159.42	160.17	0.47	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	320.19	320.10	317.89	319.39	0.41	ppb
Zirconium	90-1	6.28	6.56	6.45	6.43	2.19	ppb
Zirconium	91-1	6.39	6.55	6.41	6.45	1.35	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-06	Instrumnet Name :	P7
Client Sample ID :	MYD459D	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:30:39	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40545.69	41018.40	40503.59	40689.23	0.70	ppb
Antimony	121-1	0.90	0.91	0.88	0.90	1.65	ppb
Arsenic	75-2	102.72	103.85	103.04	103.20	0.57	ppb
Barium	135-1	304.55	302.51	303.17	303.41	0.34	ppb
Barium	137-1	303.23	298.71	301.51	301.15	0.76	ppb
Beryllium	9-1	1.61	1.62	1.65	1.63	1.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.41	2.12	2.09	2.21	8.06	ppb
Cadmium	106-1	2.13	1.04	1.03	1.40	45.01	ppb
Cadmium	111-1	1.43	1.36	1.45	1.41	3.52	ppb
Calcium	43-1	15160.48	15361.98	15321.68	15281.38	0.70	ppb
Calcium	44-1	14254.84	14234.27	14235.36	14241.49	0.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.54	37.79	37.97	37.77	0.57	ppb
Cobalt	59-2	36.54	37.25	37.07	36.95	1.00	ppb
Copper	63-2	139.05	142.31	140.96	140.77	1.16	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				105		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	88997.31	90111.67	89688.63	89599.20	0.63	ppb
Iron	57-2	89227.00	89350.87	88345.66	88974.51	0.62	ppb
Iron	54-2	89582.31	91471.33	89426.30	90159.98	1.26	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-06	Instrumnet Name :	P7
Client Sample ID :	MYD459D	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:30:39	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	66.24	65.92	66.31	66.16	0.32	ppb
Lead	207-1	67.10	67.36	67.83	67.43	0.55	ppb
Lead	208-1	66.48	66.48	66.84	66.60	0.31	ppb
Lithium	6-1				95		%
Magnesium	24-2	15810.06	15910.60	16101.49	15940.72	0.93	ppb
Manganese	55-2	1706.59	1751.44	1737.49	1731.84	1.33	ppb
Molybdenum	94-1	11.64	11.56	11.67	11.62	0.48	ppb
Molybdenum	95-1	0.69	0.68	0.66	0.67	2.32	ppb
Molybdenum	96-1	2.58	2.56	2.70	2.61	2.89	ppb
Molybdenum	97-1	0.72	0.67	0.67	0.68	3.99	ppb
Molybdenum	98-1	0.63	0.62	0.64	0.63	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.99	35.89	35.50	35.79	0.73	ppb
Phosphorus	31-2	1927.17	1877.86	1906.83	1903.95	1.30	ppb
Potassium	39-2	4191.88	4207.57	4215.35	4204.93	0.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.79	1.01	0.59	0.80	26.88	ppb
Selenium	77-2	13.16	10.12	14.09	12.46	16.66	ppb
Selenium	78-2	3.42	3.64	4.09	3.72	9.14	ppb
Silicon	28-1	2939.54	2958.47	2962.95	2953.65	0.42	ppb
Silver	107-1	0.44	0.44	0.45	0.44	1.44	ppb
Silver	109-1	0.45	0.41	0.44	0.43	4.55	ppb
Sodium	23-2	227.33	230.48	229.10	228.97	0.69	ppb
Strontium	86-1	59.20	59.45	60.33	59.66	0.99	ppb
Strontium	88-1	59.46	59.46	60.36	59.76	0.87	ppb
Sulfur	34-1	-1556.42	-1486.31	-1478.59	-1507.10		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.20	0.19	0.21	0.20	5.01	ppb
Thallium	205-1	0.20	0.19	0.19	0.19	2.91	ppb
Tin	118-1	1.04	0.99	0.98	1.00	3.06	ppb
Titanium	47-1	715.83	728.30	730.97	725.03	1.12	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-06	Instrumnet Name :	P7
Client Sample ID :	MYD459D	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:30:39	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.63	0.62	0.62	1.47	ppb
Vanadium	51-2	158.16	158.31	157.93	158.13	0.12	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	312.96	317.16	311.31	313.81	0.96	ppb
Zirconium	90-1	6.24	6.38	6.40	6.34	1.35	ppb
Zirconium	91-1	6.25	6.46	6.33	6.35	1.63	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD459L	Dilution Factor :	5
Date & Time Acquired :	2024-09-29 18:33:51	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8145.60	8371.04	7904.36	8140.33	2.87	ppb
Antimony	121-1	0.17	0.18	0.17	0.17	2.87	ppb
Arsenic	75-2	20.69	20.69	19.92	20.43	2.18	ppb
Barium	135-1	57.85	59.48	60.04	59.12	1.92	ppb
Barium	137-1	57.56	58.65	58.72	58.31	1.12	ppb
Beryllium	9-1	0.33	0.33	0.31	0.33	3.53	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.39	0.37	0.48	0.41	14.40	ppb
Cadmium	106-1	-2.38	-1.69	-1.17	-1.75		ppb
Cadmium	111-1	0.10	0.11	0.18	0.13	32.25	ppb
Calcium	43-1	2916.80	2912.83	2998.21	2942.61	1.64	ppb
Calcium	44-1	2913.43	2976.81	2964.13	2951.46	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.44	7.36	7.02	7.27	3.08	ppb
Cobalt	59-2	7.15	7.40	6.85	7.13	3.84	ppb
Copper	63-2	27.28	28.70	26.88	27.62	3.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	17520.90	17842.64	16894.91	17419.48	2.77	ppb
Iron	57-2	18390.90	18810.59	17715.92	18305.80	3.02	ppb
Iron	54-2	17619.54	17771.73	16931.74	17441.00	2.57	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD459L	Dilution Factor :	5
Date & Time Acquired :	2024-09-29 18:33:51	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.80	12.36	12.50	12.56	1.79	ppb
Lead	207-1	13.08	12.35	12.36	12.59	3.32	ppb
Lead	208-1	12.76	12.33	12.37	12.48	1.89	ppb
Lithium	6-1				94		%
Magnesium	24-2	3192.22	3290.30	3098.32	3193.61	3.01	ppb
Manganese	55-2	343.02	351.01	331.04	341.69	2.94	ppb
Molybdenum	94-1	2.27	2.21	2.29	2.26	1.83	ppb
Molybdenum	95-1	0.13	0.15	0.15	0.15	6.72	ppb
Molybdenum	96-1	0.54	0.52	0.51	0.52	3.15	ppb
Molybdenum	97-1	0.14	0.15	0.11	0.13	16.01	ppb
Molybdenum	98-1	0.15	0.13	0.15	0.15	7.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.06	6.87	6.62	6.85	3.23	ppb
Phosphorus	31-2	351.49	386.88	329.37	355.91	8.15	ppb
Potassium	39-2	815.49	841.89	785.03	814.13	3.50	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	0.19	0.04	-0.38	-0.05		ppb
Selenium	77-2	3.50	5.02	2.00	3.51	43.03	ppb
Selenium	78-2	-0.20	0.09	1.60	0.50	193.24	ppb
Silicon	28-1	579.16	597.83	590.03	589.00	1.59	ppb
Silver	107-1	0.09	0.09	0.08	0.09	6.67	ppb
Silver	109-1	0.09	0.08	0.08	0.08	3.45	ppb
Sodium	23-2	54.37	54.42	50.20	53.00	4.57	ppb
Strontium	86-1	12.08	11.53	12.03	11.88	2.60	ppb
Strontium	88-1	11.78	11.48	11.71	11.66	1.34	ppb
Sulfur	34-1	-1676.07	-1611.93	-1706.42	-1664.81		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.04	0.04	0.04	5.44	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	8.23	ppb
Tin	118-1	0.19	0.18	0.16	0.18	7.39	ppb
Titanium	47-1	140.38	139.74	142.03	140.71	0.84	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD459L	Dilution Factor :	5
Date & Time Acquired :	2024-09-29 18:33:51	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.11	0.12	0.11	4.95	ppb
Vanadium	51-2	30.97	31.53	29.98	30.83	2.54	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	62.89	62.09	61.22	62.07	1.35	ppb
Zirconium	90-1	1.26	1.20	1.30	1.25	3.91	ppb
Zirconium	91-1	1.22	1.19	1.23	1.21	1.79	ppb

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On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-07	Instrumnet Name :	P7
Client Sample ID :	MYD459S	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:37:05	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41375.33	41076.48	40533.86	40995.22	1.04	ppb
Antimony	121-1	57.90	58.32	57.95	58.05	0.40	ppb
Arsenic	75-2	121.72	122.73	124.32	122.92	1.07	ppb
Barium	135-1	1446.05	1468.99	1450.10	1455.04	0.84	ppb
Barium	137-1	1447.59	1459.09	1455.17	1453.95	0.40	ppb
Beryllium	9-1	30.69	30.21	30.46	30.45	0.78	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.52	27.31	29.54	28.46	3.91	ppb
Cadmium	106-1	27.06	25.73	26.86	26.55	2.70	ppb
Cadmium	111-1	30.15	30.79	30.00	30.31	1.39	ppb
Calcium	43-1	14989.44	14877.48	14990.69	14952.54	0.43	ppb
Calcium	44-1	13993.54	13895.63	14044.32	13977.83	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	154.47	156.51	156.09	155.69	0.69	ppb
Cobalt	59-2	331.16	332.86	331.53	331.85	0.27	ppb
Copper	63-2	278.18	279.02	278.74	278.65	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				104		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	88560.48	88501.00	88516.13	88525.87	0.03	ppb
Iron	57-2	88361.11	87796.71	86967.11	87708.31	0.80	ppb
Iron	54-2	88867.40	87849.96	88105.13	88274.16	0.60	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-07	Instrumnet Name :	P7
Client Sample ID :	MYD459S	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:37:05	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	75.30	76.21	75.98	75.83	0.63	ppb
Lead	207-1	75.94	77.14	76.92	76.67	0.84	ppb
Lead	208-1	75.46	76.77	76.27	76.17	0.87	ppb
Lithium	6-1				95		%
Magnesium	24-2	15645.35	15864.23	15551.49	15687.02	1.02	ppb
Manganese	55-2	1973.14	1978.65	1983.77	1978.52	0.27	ppb
Molybdenum	94-1	11.30	11.57	11.25	11.37	1.49	ppb
Molybdenum	95-1	0.69	0.67	0.65	0.67	2.80	ppb
Molybdenum	96-1	2.58	2.53	2.58	2.56	1.11	ppb
Molybdenum	97-1	0.72	0.70	0.63	0.68	6.38	ppb
Molybdenum	98-1	0.65	0.66	0.63	0.65	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	334.96	337.38	337.82	336.72	0.46	ppb
Phosphorus	31-2	1918.58	1852.93	1892.76	1888.09	1.75	ppb
Potassium	39-2	4117.91	4155.78	4127.00	4133.56	0.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	67.52	67.96	68.49	67.99	0.71	ppb
Selenium	77-2	79.10	80.59	75.49	78.39	3.34	ppb
Selenium	78-2	74.11	70.04	67.95	70.70	4.42	ppb
Silicon	28-1	2938.83	2961.78	2940.35	2946.99	0.44	ppb
Silver	107-1	29.34	29.70	29.30	29.45	0.74	ppb
Silver	109-1	29.57	29.62	29.67	29.62	0.17	ppb
Sodium	23-2	207.91	211.61	211.85	210.46	1.05	ppb
Strontium	86-1	58.48	58.57	59.09	58.72	0.56	ppb
Strontium	88-1	58.21	58.49	58.46	58.39	0.26	ppb
Sulfur	34-1	-1515.89	-1585.53	-1433.63	-1511.68		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	26.00	26.58	26.28	26.29	1.11	ppb
Thallium	205-1	25.70	26.27	26.18	26.05	1.18	ppb
Tin	118-1	0.95	0.94	0.98	0.96	2.45	ppb
Titanium	47-1	705.89	710.36	711.14	709.13	0.40	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-07	Instrumnet Name :	P7
Client Sample ID :	MYD459S	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:37:05	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.61	0.61	0.61	0.34	ppb
Vanadium	51-2	445.25	445.38	448.16	446.26	0.37	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	596.11	599.84	602.17	599.37	0.51	ppb
Zirconium	90-1	6.20	6.19	6.26	6.22	0.63	ppb
Zirconium	91-1	6.23	6.12	6.19	6.18	0.90	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD459SRE	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:40:15	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45155.97	44058.36	44352.48	44522.27	1.28	ppb
Antimony	121-1	293.05	296.28	297.75	295.70	0.81	ppb
Arsenic	75-2	207.76	200.14	200.89	202.93	2.07	ppb
Barium	135-1	5826.05	5940.68	6023.78	5930.17	1.67	ppb
Barium	137-1	5827.19	5934.60	5921.75	5894.51	1.00	ppb
Beryllium	9-1	137.39	139.22	141.01	139.21	1.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	130.86	132.93	131.98	131.92	0.79	ppb
Cadmium	106-1	128.37	131.14	129.54	129.69	1.07	ppb
Cadmium	111-1	143.02	144.18	145.63	144.28	0.91	ppb
Calcium	43-1	14750.48	14745.11	14864.88	14786.82	0.46	ppb
Calcium	44-1	13835.99	13890.36	13877.98	13868.11	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	612.13	612.24	611.69	612.02	0.05	ppb
Cobalt	59-2	1481.57	1455.92	1480.43	1472.64	0.98	ppb
Copper	63-2	834.16	835.57	818.72	829.48	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	88972.74	89382.48	88757.91	89037.71	0.36	ppb
Iron	57-2	88433.28	88116.24	88007.79	88185.77	0.25	ppb
Iron	54-2	89502.55	89391.66	89948.51	89614.24	0.33	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD459SRE	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:40:15	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	116.36	117.34	117.04	116.91	0.43	ppb
Lead	207-1	117.26	118.80	118.07	118.04	0.65	ppb
Lead	208-1	116.58	117.55	117.87	117.33	0.57	ppb
Lithium	6-1				95		%
Magnesium	24-2	15578.03	15365.54	15318.87	15420.81	0.90	ppb
Manganese	55-2	3062.12	3050.80	3019.00	3043.97	0.73	ppb
Molybdenum	94-1	11.03	11.56	11.42	11.34	2.41	ppb
Molybdenum	95-1	0.66	0.70	0.71	0.69	3.60	ppb
Molybdenum	96-1	2.51	2.52	2.49	2.51	0.55	ppb
Molybdenum	97-1	0.65	0.64	0.64	0.64	1.29	ppb
Molybdenum	98-1	0.67	0.68	0.69	0.68	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1498.78	1487.96	1477.47	1488.07	0.72	ppb
Phosphorus	31-2	1859.17	1910.87	1830.92	1866.99	2.17	ppb
Potassium	39-2	4106.04	4089.30	4071.19	4088.84	0.43	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	281.47	286.10	281.84	283.13	0.91	ppb
Selenium	77-2	275.68	283.47	301.85	287.00	4.68	ppb
Selenium	78-2	288.71	281.37	277.29	282.46	2.05	ppb
Silicon	28-1	2894.59	2932.63	2909.53	2912.25	0.66	ppb
Silver	107-1	134.21	142.12	137.76	138.03	2.87	ppb
Silver	109-1	135.15	141.49	135.97	137.54	2.51	ppb
Sodium	23-2	219.29	214.48	214.50	216.09	1.28	ppb
Strontium	86-1	58.53	57.45	57.70	57.89	0.97	ppb
Strontium	88-1	57.94	58.38	57.74	58.02	0.56	ppb
Sulfur	34-1	-1491.34	-1551.99	-1545.89	-1529.74		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	129.00	131.26	130.29	130.18	0.87	ppb
Thallium	205-1	142.73	143.16	147.97	144.62	2.01	ppb
Tin	118-1	0.94	0.94	0.95	0.94	0.63	ppb
Titanium	47-1	698.97	702.13	706.00	702.37	0.50	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD459SRE	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:40:15	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.60	0.60	0.60	0.84	ppb
Vanadium	51-2	1531.86	1546.76	1539.73	1539.45	0.48	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	1722.44	1700.00	1693.97	1705.47	0.88	ppb
Zirconium	90-1	6.22	6.21	6.10	6.18	1.03	ppb
Zirconium	91-1	6.39	6.44	6.17	6.34	2.26	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-08	Instrumnet Name :	P7
Client Sample ID :	MYD460	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:43:16	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30260.93	28230.03	30203.40	29564.79	3.91	ppb
Antimony	121-1	2.02	2.18	1.95	2.05	5.63	ppb
Arsenic	75-2	137.96	131.25	141.61	136.94	3.84	ppb
Barium	135-1	296.95	326.15	296.64	306.58	5.53	ppb
Barium	137-1	294.90	328.59	296.70	306.73	6.18	ppb
Beryllium	9-1	1.33	1.41	1.39	1.38	3.22	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.56	2.82	2.88	2.75	6.21	ppb
Cadmium	106-1	2.75	2.82	1.37	2.31	35.41	ppb
Cadmium	111-1	2.48	2.61	2.21	2.43	8.47	ppb
Calcium	43-1	19684.45	21911.67	19698.59	20431.57	6.27	ppb
Calcium	44-1	18448.87	20367.71	18381.23	19065.93	5.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.54	31.83	33.95	33.44	4.26	ppb
Cobalt	59-2	30.99	29.18	30.83	30.33	3.30	ppb
Copper	63-2	188.37	177.13	188.59	184.70	3.55	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				101		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	71214.51	66828.46	71779.61	69940.86	3.87	ppb
Iron	57-2	70662.88	66071.46	70696.03	69143.46	3.85	ppb
Iron	54-2	71601.95	65982.37	71690.45	69758.26	4.69	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-08	Instrumnet Name :	P7
Client Sample ID :	MYD460	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:43:16	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	143.91	159.77	145.37	149.68	5.85	ppb
Lead	207-1	150.80	168.16	153.45	157.47	5.94	ppb
Lead	208-1	156.65	174.74	157.14	162.84	6.33	ppb
Lithium	6-1				94		%
Magnesium	24-2	13544.07	12711.57	13511.61	13255.75	3.56	ppb
Manganese	55-2	1763.03	1633.73	1753.41	1716.72	4.20	ppb
Molybdenum	94-1	8.34	9.53	8.60	8.82	7.09	ppb
Molybdenum	95-1	0.82	0.91	0.81	0.85	6.68	ppb
Molybdenum	96-1	2.18	2.40	2.26	2.28	4.73	ppb
Molybdenum	97-1	0.79	0.94	0.71	0.81	13.88	ppb
Molybdenum	98-1	0.75	0.83	0.80	0.80	5.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.90	32.68	34.87	34.15	3.73	ppb
Phosphorus	31-2	2068.62	1935.68	2125.88	2043.39	4.78	ppb
Potassium	39-2	7055.25	6869.93	7146.25	7023.81	2.00	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				96		%
Selenium	82-1	1.03	1.68	1.17	1.30	26.42	ppb
Selenium	77-2	10.52	8.71	9.70	9.64	9.42	ppb
Selenium	78-2	2.35	2.60	2.40	2.45	5.27	ppb
Silicon	28-1	2612.25	2867.72	2573.65	2684.54	5.95	ppb
Silver	107-1	0.96	1.07	0.98	1.01	6.10	ppb
Silver	109-1	0.99	1.07	0.97	1.01	5.02	ppb
Sodium	23-2	214.57	204.37	220.13	213.02	3.75	ppb
Strontium	86-1	77.79	86.21	78.60	80.86	5.74	ppb
Strontium	88-1	79.13	88.12	79.73	82.33	6.10	ppb
Sulfur	34-1	647.64	1282.71	640.11	856.82	43.05	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.28	0.29	0.24	0.27	8.68	ppb
Thallium	205-1	0.25	0.27	0.25	0.26	3.99	ppb
Tin	118-1	1.40	1.64	1.41	1.48	8.91	ppb
Titanium	47-1	764.23	845.48	770.22	793.31	5.71	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-08	Instrumnet Name :	P7
Client Sample ID :	MYD460	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:43:16	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.54	0.61	0.54	0.56	7.25	ppb
Vanadium	51-2	113.00	105.26	113.48	110.58	4.17	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	569.33	530.43	570.45	556.73	4.09	ppb
Zirconium	90-1	4.44	5.04	4.61	4.69	6.55	ppb
Zirconium	91-1	4.51	5.10	4.77	4.79	6.15	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-09	Instrumnet Name :	P7
Client Sample ID :	MYD461	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:46:26	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33733.83	33204.86	33260.70	33399.80	0.87	ppb
Antimony	121-1	3.47	3.48	3.48	3.48	0.23	ppb
Arsenic	75-2	159.03	158.58	161.13	159.58	0.85	ppb
Barium	135-1	245.36	244.99	247.21	245.86	0.48	ppb
Barium	137-1	244.52	247.24	246.48	246.08	0.57	ppb
Beryllium	9-1	1.38	1.42	1.48	1.42	3.42	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.14	3.60	3.06	3.27	8.96	ppb
Cadmium	106-1	1.61	1.08	2.03	1.57	30.35	ppb
Cadmium	111-1	2.54	2.62	2.66	2.61	2.29	ppb
Calcium	43-1	14354.55	14402.44	14718.10	14491.70	1.36	ppb
Calcium	44-1	13510.93	13464.10	13729.95	13568.33	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.76	38.34	37.98	38.36	1.02	ppb
Cobalt	59-2	37.80	37.03	37.14	37.33	1.11	ppb
Copper	63-2	215.34	212.99	213.15	213.83	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	92103.44	90223.10	91044.57	91123.70	1.03	ppb
Iron	57-2	92647.18	90073.85	90852.15	91191.06	1.45	ppb
Iron	54-2	92334.66	91006.98	91521.81	91621.15	0.73	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-09	Instrumnet Name :	P7
Client Sample ID :	MYD461	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:46:26	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	130.90	130.30	131.85	131.02	0.60	ppb
Lead	207-1	137.09	137.35	137.18	137.21	0.09	ppb
Lead	208-1	134.19	133.53	141.54	136.42	3.26	ppb
Lithium	6-1				93		%
Magnesium	24-2	15196.41	14897.54	15239.42	15111.12	1.23	ppb
Manganese	55-2	1711.81	1664.28	1675.18	1683.76	1.48	ppb
Molybdenum	94-1	10.37	10.56	10.49	10.47	0.89	ppb
Molybdenum	95-1	1.03	0.98	0.97	0.99	2.84	ppb
Molybdenum	96-1	2.65	2.72	2.78	2.72	2.40	ppb
Molybdenum	97-1	0.94	0.94	0.98	0.95	2.26	ppb
Molybdenum	98-1	0.92	0.89	0.93	0.91	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.31	38.68	38.73	38.91	0.89	ppb
Phosphorus	31-2	2709.83	2643.79	2671.89	2675.17	1.24	ppb
Potassium	39-2	7615.99	7486.69	7690.51	7597.73	1.36	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.92	0.89	1.20	1.00	17.09	ppb
Selenium	77-2	13.24	18.03	12.89	14.72	19.52	ppb
Selenium	78-2	3.16	5.42	3.15	3.91	33.42	ppb
Silicon	28-1	937.71	950.91	980.05	956.23	2.27	ppb
Silver	107-1	0.95	0.91	0.92	0.92	2.13	ppb
Silver	109-1	0.91	0.90	0.91	0.90	0.84	ppb
Sodium	23-2	200.37	198.26	199.17	199.27	0.53	ppb
Strontium	86-1	53.05	53.58	53.93	53.52	0.83	ppb
Strontium	88-1	53.36	53.45	54.02	53.61	0.67	ppb
Sulfur	34-1	596.70	615.33	817.43	676.49	18.10	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.28	0.27	0.29	0.28	4.65	ppb
Thallium	205-1	0.27	0.28	0.27	0.27	1.23	ppb
Tin	118-1	1.68	1.72	1.72	1.71	1.25	ppb
Titanium	47-1	722.50	733.93	746.66	734.37	1.65	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-09	Instrumnet Name :	P7
Client Sample ID :	MYD461	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:46:26	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.62	0.63	0.62	2.57	ppb
Vanadium	51-2	157.40	156.34	156.97	156.90	0.34	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	568.15	566.67	567.10	567.31	0.13	ppb
Zirconium	90-1	5.47	5.57	5.57	5.54	1.07	ppb
Zirconium	91-1	5.67	5.63	5.51	5.60	1.46	ppb

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-10	Instrumnet Name :	P7
Client Sample ID :	MYD462	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:49:37	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31453.72	31417.98	31380.66	31417.45	0.12	ppb
Antimony	121-1	1.32	1.40	1.38	1.37	2.82	ppb
Arsenic	75-2	65.53	69.45	66.96	67.31	2.95	ppb
Barium	135-1	468.29	472.62	476.89	472.60	0.91	ppb
Barium	137-1	495.81	500.27	496.77	497.62	0.47	ppb
Beryllium	9-1	1.41	1.42	1.37	1.40	1.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.14	1.25	1.12	1.17	6.00	ppb
Cadmium	106-1	-0.44	-0.15	-0.64	-0.41		ppb
Cadmium	111-1	0.60	0.63	0.59	0.61	3.06	ppb
Calcium	43-1	11838.68	11755.06	11932.90	11842.21	0.75	ppb
Calcium	44-1	10970.37	10954.72	11093.21	11006.10	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.70	38.81	39.00	38.84	0.38	ppb
Cobalt	59-2	32.05	32.26	32.43	32.25	0.59	ppb
Copper	63-2	96.82	96.42	96.82	96.68	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	77864.81	78034.23	77106.70	77668.58	0.64	ppb
Iron	57-2	76706.62	76685.56	76743.51	76711.90	0.04	ppb
Iron	54-2	78318.44	77781.69	77422.03	77840.72	0.58	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-10	Instrumnet Name :	P7
Client Sample ID :	MYD462	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:49:37	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.46	38.39	38.37	38.41	0.12	ppb
Lead	207-1	38.30	38.68	37.86	38.28	1.06	ppb
Lead	208-1	38.18	38.42	37.88	38.16	0.71	ppb
Lithium	6-1				94		%
Magnesium	24-2	12923.23	12951.36	12971.15	12948.58	0.19	ppb
Manganese	55-2	2005.57	1959.28	1961.88	1975.58	1.32	ppb
Molybdenum	94-1	11.02	11.17	11.20	11.13	0.86	ppb
Molybdenum	95-1	1.58	1.63	1.58	1.60	1.87	ppb
Molybdenum	96-1	3.18	3.38	3.27	3.27	3.04	ppb
Molybdenum	97-1	1.63	1.62	1.68	1.64	2.05	ppb
Molybdenum	98-1	1.53	1.56	1.59	1.56	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.07	33.65	33.83	33.85	0.63	ppb
Phosphorus	31-2	1554.83	1599.21	1614.70	1589.58	1.95	ppb
Potassium	39-2	4305.13	4267.61	4298.35	4290.36	0.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.34	-0.47	0.93	0.27	263.12	ppb
Selenium	77-2	13.29	12.55	12.85	12.90	2.91	ppb
Selenium	78-2	1.68	0.69	2.41	1.59	54.32	ppb
Silicon	28-1	1332.82	1334.83	1351.10	1339.59	0.75	ppb
Silver	107-1	0.26	0.27	0.26	0.27	1.96	ppb
Silver	109-1	0.26	0.29	0.30	0.28	6.99	ppb
Sodium	23-2	212.72	211.81	216.93	213.82	1.28	ppb
Strontium	86-1	57.74	58.32	57.76	57.94	0.57	ppb
Strontium	88-1	57.64	58.65	58.41	58.23	0.90	ppb
Sulfur	34-1	-1366.89	-1390.17	-1379.13	-1378.73		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.23	0.23	0.23	0.23	0.85	ppb
Thallium	205-1	0.22	0.20	0.22	0.21	4.19	ppb
Tin	118-1	1.01	1.08	1.04	1.05	3.02	ppb
Titanium	47-1	813.52	790.56	811.88	805.32	1.59	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-10	Instrumnet Name :	P7
Client Sample ID :	MYD462	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:49:37	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.67	0.64	0.66	2.78	ppb
Vanadium	51-2	142.89	142.26	141.24	142.13	0.59	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	197.68	198.55	196.96	197.73	0.40	ppb
Zirconium	90-1	5.42	5.56	5.57	5.52	1.53	ppb
Zirconium	91-1	5.65	5.76	5.46	5.62	2.64	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-11	Instrumnet Name :	P7
Client Sample ID :	MYD463	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:52:49	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33990.75	34400.19	34415.62	34268.85	0.70	ppb
Antimony	121-1	1.47	1.49	1.46	1.47	0.96	ppb
Arsenic	75-2	72.56	73.59	75.09	73.75	1.72	ppb
Barium	135-1	354.05	353.50	350.50	352.68	0.54	ppb
Barium	137-1	353.83	351.86	352.10	352.60	0.31	ppb
Beryllium	9-1	1.49	1.84	1.68	1.67	10.45	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.36	1.36	1.36	1.36	0.22	ppb
Cadmium	106-1	0.87	0.40	0.71	0.66	36.36	ppb
Cadmium	111-1	0.87	0.90	0.85	0.88	3.04	ppb
Calcium	43-1	12514.34	12602.86	12541.78	12552.99	0.36	ppb
Calcium	44-1	11625.19	11824.73	11707.54	11719.15	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.49	42.98	42.45	42.64	0.69	ppb
Cobalt	59-2	43.83	44.06	43.94	43.94	0.26	ppb
Copper	63-2	113.63	114.30	114.26	114.06	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				105		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	88721.34	89093.53	89761.12	89192.00	0.59	ppb
Iron	57-2	88086.40	88944.30	88841.15	88623.95	0.53	ppb
Iron	54-2	89323.36	88912.25	88509.36	88914.99	0.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-11	Instrumnet Name :	P7
Client Sample ID :	MYD463	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:52:49	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.99	45.68	45.28	45.32	0.77	ppb
Lead	207-1	44.82	45.43	45.37	45.21	0.74	ppb
Lead	208-1	44.66	45.50	45.21	45.12	0.95	ppb
Lithium	6-1				95		%
Magnesium	24-2	14139.30	14351.52	14067.93	14186.25	1.04	ppb
Manganese	55-2	1783.00	1780.02	1797.34	1786.79	0.52	ppb
Molybdenum	94-1	11.29	11.22	11.08	11.20	0.93	ppb
Molybdenum	95-1	1.03	1.04	1.08	1.05	2.50	ppb
Molybdenum	96-1	2.82	2.89	2.86	2.85	1.34	ppb
Molybdenum	97-1	1.03	1.15	1.13	1.10	5.88	ppb
Molybdenum	98-1	0.98	0.99	0.97	0.98	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.11	41.55	41.54	41.40	0.60	ppb
Phosphorus	31-2	1870.90	1851.14	1799.42	1840.49	2.01	ppb
Potassium	39-2	4396.61	4431.69	4544.56	4457.62	1.73	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.03	0.54	0.89	0.49	88.45	ppb
Selenium	77-2	12.02	11.89	12.42	12.11	2.27	ppb
Selenium	78-2	3.34	2.35	1.95	2.55	27.99	ppb
Silicon	28-1	1657.44	1686.83	1667.76	1670.67	0.89	ppb
Silver	107-1	0.34	0.34	0.31	0.33	5.31	ppb
Silver	109-1	0.35	0.34	0.32	0.34	5.30	ppb
Sodium	23-2	214.35	218.20	215.40	215.99	0.92	ppb
Strontium	86-1	60.67	60.93	60.47	60.69	0.38	ppb
Strontium	88-1	60.64	61.02	60.34	60.66	0.56	ppb
Sulfur	34-1	-1400.51	-1419.93	-1454.66	-1425.03		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.21	0.20	0.22	0.21	3.38	ppb
Thallium	205-1	0.20	0.20	0.21	0.20	3.38	ppb
Tin	118-1	1.03	1.00	1.07	1.03	3.37	ppb
Titanium	47-1	864.52	875.85	873.92	871.43	0.70	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-11	Instrumnet Name :	P7
Client Sample ID :	MYD463	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:52:49	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.81	0.79	0.80	1.40	ppb
Vanadium	51-2	162.01	161.22	161.61	161.61	0.25	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	226.26	227.39	225.46	226.37	0.43	ppb
Zirconium	90-1	5.79	5.87	5.84	5.84	0.72	ppb
Zirconium	91-1	5.93	5.98	5.81	5.90	1.44	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-12	Instrumnet Name :	P7
Client Sample ID :	MYD464	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:55:59	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33783.61	33863.05	33177.15	33607.93	1.12	ppb
Antimony	121-1	2.44	2.46	2.85	2.58	8.99	ppb
Arsenic	75-2	147.13	142.68	145.38	145.06	1.54	ppb
Barium	135-1	222.78	226.74	251.14	233.55	6.58	ppb
Barium	137-1	221.71	225.31	254.98	234.00	7.80	ppb
Beryllium	9-1	1.30	1.30	1.45	1.35	6.55	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.91	2.43	3.70	3.02	21.19	ppb
Cadmium	106-1	1.92	2.05	1.15	1.71	28.66	ppb
Cadmium	111-1	1.98	2.06	2.31	2.12	8.12	ppb
Calcium	43-1	13321.17	13419.20	14937.03	13892.47	6.52	ppb
Calcium	44-1	12422.00	12527.47	14028.30	12992.59	6.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.23	40.32	40.26	40.27	0.12	ppb
Cobalt	59-2	38.30	38.16	38.16	38.21	0.21	ppb
Copper	63-2	180.08	180.73	178.95	179.92	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				101		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	86233.32	85920.56	86306.16	86153.35	0.24	ppb
Iron	57-2	85966.33	84804.00	85160.32	85310.22	0.70	ppb
Iron	54-2	86450.54	85737.32	85812.61	86000.16	0.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-12	Instrumnet Name :	P7
Client Sample ID :	MYD464	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:55:59	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	121.31	119.93	136.06	125.76	7.11	ppb
Lead	207-1	127.01	126.05	143.96	132.34	7.61	ppb
Lead	208-1	124.31	122.88	139.22	128.81	7.02	ppb
Lithium	6-1				93		%
Magnesium	24-2	14437.64	14577.49	14516.62	14510.59	0.48	ppb
Manganese	55-2	1739.19	1730.06	1712.08	1727.11	0.80	ppb
Molybdenum	94-1	11.69	11.80	13.01	12.17	6.02	ppb
Molybdenum	95-1	0.90	0.94	1.06	0.97	8.76	ppb
Molybdenum	96-1	2.61	2.72	3.07	2.80	8.60	ppb
Molybdenum	97-1	0.95	0.87	1.01	0.94	7.38	ppb
Molybdenum	98-1	0.86	0.89	1.02	0.93	8.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.64	36.54	35.95	36.38	1.02	ppb
Phosphorus	31-2	2198.38	2257.27	2189.15	2214.93	1.67	ppb
Potassium	39-2	6688.77	6648.83	6734.23	6690.61	0.64	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	0.74	0.70	1.68	1.04	53.13	ppb
Selenium	77-2	11.62	11.02	10.81	11.15	3.78	ppb
Selenium	78-2	3.95	1.93	3.24	3.04	33.76	ppb
Silicon	28-1	1598.11	1621.95	1799.92	1673.33	6.59	ppb
Silver	107-1	0.69	0.69	0.79	0.72	8.31	ppb
Silver	109-1	0.67	0.68	0.75	0.70	6.41	ppb
Sodium	23-2	202.97	203.21	204.64	203.61	0.44	ppb
Strontium	86-1	52.73	53.51	58.93	55.06	6.13	ppb
Strontium	88-1	52.65	53.34	58.52	54.84	5.85	ppb
Sulfur	34-1	-1037.29	-1069.43	-622.89	-909.87		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.23	0.24	0.27	0.24	7.95	ppb
Thallium	205-1	0.24	0.22	0.25	0.24	6.51	ppb
Tin	118-1	1.35	1.41	1.64	1.47	10.41	ppb
Titanium	47-1	842.44	850.40	946.23	879.69	6.57	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-12	Instrumnet Name :	P7
Client Sample ID :	MYD464	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:55:59	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.56	0.64	0.59	6.97	ppb
Vanadium	51-2	144.47	144.96	143.72	144.38	0.43	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	513.43	514.28	514.23	513.98	0.09	ppb
Zirconium	90-1	6.19	6.34	6.94	6.49	6.11	ppb
Zirconium	91-1	6.53	6.49	7.17	6.73	5.69	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-13	Instrumnet Name :	P7
Client Sample ID :	MYD465	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:59:13	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35890.65	36460.70	35254.61	35868.65	1.68	ppb
Antimony	121-1	0.79	0.80	0.80	0.80	0.34	ppb
Arsenic	75-2	34.16	34.35	33.03	33.85	2.10	ppb
Barium	135-1	349.08	349.14	347.47	348.56	0.27	ppb
Barium	137-1	348.33	348.61	347.14	348.03	0.22	ppb
Beryllium	9-1	1.76	1.78	1.79	1.78	0.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.96	1.01	1.14	1.04	8.84	ppb
Cadmium	106-1	0.81	0.72	0.30	0.61	44.45	ppb
Cadmium	111-1	0.47	0.47	0.43	0.45	5.35	ppb
Calcium	43-1	13802.24	13901.12	13890.19	13864.52	0.39	ppb
Calcium	44-1	13022.73	13054.12	13025.04	13033.96	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.04	49.65	48.42	49.37	1.72	ppb
Cobalt	59-2	32.75	33.34	32.50	32.87	1.31	ppb
Copper	63-2	74.77	75.23	73.96	74.65	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				103		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	69929.70	70087.33	68538.64	69518.56	1.23	ppb
Iron	57-2	68442.10	69664.64	68159.74	68755.50	1.16	ppb
Iron	54-2	70176.57	70385.63	68129.25	69563.82	1.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-13	Instrumnet Name :	P7
Client Sample ID :	MYD465	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:59:13	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.26	26.19	25.87	26.11	0.80	ppb
Lead	207-1	24.65	24.84	24.70	24.73	0.39	ppb
Lead	208-1	25.12	25.35	25.03	25.16	0.66	ppb
Lithium	6-1				96		%
Magnesium	24-2	13891.48	14082.34	13759.85	13911.22	1.17	ppb
Manganese	55-2	1611.40	1616.97	1558.76	1595.71	2.01	ppb
Molybdenum	94-1	10.44	10.48	10.29	10.40	0.95	ppb
Molybdenum	95-1	0.85	0.87	0.87	0.86	1.32	ppb
Molybdenum	96-1	2.54	2.32	2.43	2.43	4.65	ppb
Molybdenum	97-1	0.85	0.88	0.84	0.85	2.27	ppb
Molybdenum	98-1	0.79	0.78	0.79	0.78	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.62	46.61	45.80	46.34	1.02	ppb
Phosphorus	31-2	1819.42	1898.42	1806.84	1841.56	2.70	ppb
Potassium	39-2	8748.00	8791.58	8656.27	8731.95	0.79	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.33	0.88	-0.20	0.34	161.12	ppb
Selenium	77-2	18.29	12.92	17.64	16.28	18.00	ppb
Selenium	78-2	3.22	1.73	3.89	2.95	37.52	ppb
Silicon	28-1	1556.50	1580.35	1570.93	1569.26	0.77	ppb
Silver	107-1	0.18	0.19	0.20	0.19	4.42	ppb
Silver	109-1	0.21	0.21	0.19	0.20	6.21	ppb
Sodium	23-2	176.33	179.05	174.79	176.72	1.22	ppb
Strontium	86-1	58.20	59.01	58.52	58.58	0.70	ppb
Strontium	88-1	58.55	58.48	58.79	58.61	0.27	ppb
Sulfur	34-1	-1082.87	-1088.99	-1092.92	-1088.26		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.28	0.28	0.29	0.28	2.37	ppb
Thallium	205-1	0.29	0.29	0.30	0.29	2.29	ppb
Tin	118-1	1.13	1.07	1.14	1.12	3.30	ppb
Titanium	47-1	757.97	768.96	767.02	764.65	0.77	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-13	Instrumnet Name :	P7
Client Sample ID :	MYD465	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:59:13	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.98	0.97	0.97	1.20	ppb
Vanadium	51-2	108.32	108.73	106.38	107.81	1.16	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	172.39	171.97	170.82	171.73	0.47	ppb
Zirconium	90-1	5.52	5.53	5.62	5.55	0.97	ppb
Zirconium	91-1	5.82	5.78	5.48	5.69	3.25	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-14	Instrumnet Name :	P7
Client Sample ID :	MYD466	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:02:22	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37410.65	37277.14	37384.54	37357.44	0.19	ppb
Antimony	121-1	2.05	2.03	2.03	2.04	0.35	ppb
Arsenic	75-2	113.20	114.83	116.97	115.00	1.64	ppb
Barium	135-1	233.44	236.56	233.86	234.62	0.72	ppb
Barium	137-1	233.62	234.73	235.17	234.50	0.34	ppb
Beryllium	9-1	1.32	1.30	1.24	1.29	3.20	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.85	2.19	2.02	2.02	8.56	ppb
Cadmium	106-1	1.47	1.40	0.31	1.06	61.02	ppb
Cadmium	111-1	1.37	1.32	1.23	1.30	5.63	ppb
Calcium	43-1	13985.76	14141.13	14123.25	14083.38	0.60	ppb
Calcium	44-1	13090.53	13316.15	13341.95	13249.54	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.01	37.91	38.00	37.97	0.15	ppb
Cobalt	59-2	36.31	36.18	36.53	36.34	0.49	ppb
Copper	63-2	144.46	144.80	145.22	144.83	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				103		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	87610.43	87285.42	87741.10	87545.65	0.27	ppb
Iron	57-2	86386.77	85872.34	86390.78	86216.63	0.35	ppb
Iron	54-2	87041.94	87269.12	88273.41	87528.16	0.75	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-14	Instrumnet Name :	P7
Client Sample ID :	MYD466	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:02:22	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	70.57	70.76	71.38	70.91	0.60	ppb
Lead	207-1	73.11	73.39	73.94	73.48	0.57	ppb
Lead	208-1	71.56	71.78	72.29	71.88	0.53	ppb
Lithium	6-1				94		%
Magnesium	24-2	15623.91	15540.52	15703.15	15622.53	0.52	ppb
Manganese	55-2	1562.10	1597.56	1593.03	1584.23	1.22	ppb
Molybdenum	94-1	14.44	14.74	14.60	14.59	1.05	ppb
Molybdenum	95-1	0.84	0.83	0.83	0.83	1.29	ppb
Molybdenum	96-1	2.94	3.04	2.99	2.99	1.70	ppb
Molybdenum	97-1	0.85	0.80	0.77	0.81	4.90	ppb
Molybdenum	98-1	0.81	0.78	0.77	0.79	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.22	35.76	36.04	35.67	1.17	ppb
Phosphorus	31-2	2128.92	2130.81	2134.21	2131.31	0.13	ppb
Potassium	39-2	4291.89	4583.84	4354.71	4410.14	3.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.05	0.82	0.52	0.43	102.50	ppb
Selenium	77-2	13.29	13.38	17.32	14.66	15.71	ppb
Selenium	78-2	2.36	1.68	5.93	3.32	68.56	ppb
Silicon	28-1	980.11	1001.13	997.99	993.08	1.14	ppb
Silver	107-1	0.46	0.45	0.46	0.46	0.57	ppb
Silver	109-1	0.45	0.47	0.47	0.46	2.46	ppb
Sodium	23-2	171.41	171.85	178.71	173.99	2.35	ppb
Strontium	86-1	52.07	53.10	53.05	52.74	1.10	ppb
Strontium	88-1	52.43	53.13	52.47	52.68	0.75	ppb
Sulfur	34-1	-1188.08	-1171.98	-1243.89	-1201.32		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.22	0.21	0.19	0.20	8.01	ppb
Thallium	205-1	0.21	0.21	0.20	0.20	3.13	ppb
Tin	118-1	1.07	1.11	1.12	1.10	2.30	ppb
Titanium	47-1	720.88	729.91	727.05	725.95	0.64	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-14	Instrumnet Name :	P7
Client Sample ID :	MYD466	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:02:22	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.57	0.59	0.58	0.93	ppb
Vanadium	51-2	148.66	148.33	149.76	148.92	0.50	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	342.42	345.57	342.17	343.39	0.55	ppb
Zirconium	90-1	7.75	7.89	7.72	7.79	1.10	ppb
Zirconium	91-1	7.98	7.94	8.08	8.00	0.91	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:05:35	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47938.86	47544.05	48269.09	47917.33	0.76	ppb
Antimony	121-1	485.14	481.38	488.75	485.09	0.76	ppb
Arsenic	75-2	498.91	495.68	502.41	499.00	0.67	ppb
Barium	135-1	2424.90	2444.68	2453.44	2441.01	0.60	ppb
Barium	137-1	2428.10	2442.54	2419.13	2429.92	0.49	ppb
Beryllium	9-1	506.85	508.18	518.94	511.32	1.30	ppb
Bismuth	209-1				95		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	501.33	494.49	505.72	500.51	1.13	ppb
Cadmium	106-1	490.36	501.14	500.82	497.44	1.23	ppb
Cadmium	111-1	485.63	487.93	487.91	487.16	0.27	ppb
Calcium	43-1	242994.88	243350.99	240822.64	242389.50	0.56	ppb
Calcium	44-1	238682.11	239834.16	239931.98	239482.75	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.49	497.48	507.55	502.17	1.01	ppb
Cobalt	59-2	494.65	482.11	500.06	492.27	1.87	ppb
Copper	63-2	5083.83	5049.44	5182.26	5105.18	1.35	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				101		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	126933.94	127138.35	128287.51	127453.27	0.57	ppb
Iron	57-2	129377.09	126793.58	129973.74	128714.80	1.31	ppb
Iron	54-2	127366.76	126257.89	129296.08	127640.25	1.20	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:05:35	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2438.90	2489.38	2482.62	2470.30	1.11	ppb
Lead	207-1	2456.10	2514.00	2508.35	2492.82	1.28	ppb
Lead	208-1	2448.83	2499.94	2500.20	2482.99	1.19	ppb
Lithium	6-1				94		%
Magnesium	24-2	242392.88	240851.82	244567.31	242604.00	0.77	ppb
Manganese	55-2	4957.22	4952.86	4996.76	4968.95	0.49	ppb
Molybdenum	94-1	4910.66	4950.69	4977.92	4946.42	0.68	ppb
Molybdenum	95-1	4923.20	4977.84	4989.16	4963.40	0.71	ppb
Molybdenum	96-1	4933.48	4973.46	4951.27	4952.74	0.40	ppb
Molybdenum	97-1	4946.23	4937.00	4936.06	4939.77	0.11	ppb
Molybdenum	98-1	4919.63	4963.00	4950.48	4944.37	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.18	480.38	490.23	485.26	1.02	ppb
Phosphorus	31-2	9473.36	9429.95	9627.24	9510.19	1.09	ppb
Potassium	39-2	120752.37	119700.36	121673.43	120708.72	0.82	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	494.71	495.60	500.42	496.91	0.62	ppb
Selenium	77-2	495.44	507.69	513.11	505.41	1.79	ppb
Selenium	78-2	483.33	490.06	490.21	487.87	0.81	ppb
Silicon	28-1	503.98	509.34	506.21	506.51	0.53	ppb
Silver	107-1	501.10	496.22	498.21	498.51	0.49	ppb
Silver	109-1	498.46	492.29	503.36	498.04	1.11	ppb
Sodium	23-2	241079.29	243056.42	247529.74	243888.48	1.36	ppb
Strontium	86-1	12103.44	12147.33	12267.83	12172.87	0.70	ppb
Strontium	88-1	12204.23	12248.78	12399.34	12284.12	0.83	ppb
Sulfur	34-1	9936.41	10014.67	10046.56	9999.21	0.57	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	497.71	505.56	499.71	500.99	0.81	ppb
Thallium	205-1	491.94	498.15	500.18	496.76	0.86	ppb
Tin	118-1	474.88	478.91	484.84	479.54	1.04	ppb
Titanium	47-1	5066.02	5012.80	4968.35	5015.72	0.97	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:05:35	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	496.10	504.56	500.16	500.27	0.85	ppb
Vanadium	51-2	501.34	500.92	509.87	504.04	1.00	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	5081.35	5181.59	5215.03	5159.33	1.35	ppb
Zirconium	90-1	493.19	496.66	497.29	495.71	0.44	ppb
Zirconium	91-1	494.72	498.34	500.63	497.90	0.60	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:08:20	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.26	0.97	1.09	1.11	13.24	ppb
Antimony	121-1	0.31	0.32	0.37	0.33	9.83	ppb
Arsenic	75-2	0.03	0.04	0.04	0.04	16.42	ppb
Barium	135-1	0.09	0.09	0.06	0.08	25.27	ppb
Barium	137-1	0.11	0.05	0.05	0.07	54.45	ppb
Beryllium	9-1	0.07	0.05	0.09	0.07	31.32	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.00	-0.03	0.01	626.81	ppb
Cadmium	106-1	-1.41	-2.22	-2.43	-2.02		ppb
Cadmium	111-1	-0.06	-0.13	-0.14	-0.11		ppb
Calcium	43-1	6.74	3.66	2.01	4.14	58.00	ppb
Calcium	44-1	5.13	2.78	0.13	2.68	93.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.03	-0.02	0.00		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	20.70	ppb
Copper	63-2	0.14	0.16	0.18	0.16	13.11	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				104		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	4.04	3.93	3.85	3.94	2.45	ppb
Iron	57-2	0.48	3.22	1.43	1.71	81.58	ppb
Iron	54-2	3.78	4.16	4.90	4.28	13.33	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:08:20	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.27	0.23	0.19	0.23	17.61	ppb
Lead	207-1	0.28	0.20	0.18	0.22	22.38	ppb
Lead	208-1	0.27	0.22	0.18	0.22	18.96	ppb
Lithium	6-1				100		%
Magnesium	24-2	7.19	6.66	6.09	6.65	8.30	ppb
Manganese	55-2	0.17	0.05	0.11	0.11	53.24	ppb
Molybdenum	94-1	0.43	0.35	0.37	0.38	9.87	ppb
Molybdenum	95-1	0.35	0.26	0.26	0.29	17.44	ppb
Molybdenum	96-1	0.39	0.29	0.24	0.31	24.31	ppb
Molybdenum	97-1	0.34	0.27	0.29	0.30	11.81	ppb
Molybdenum	98-1	0.36	0.26	0.28	0.30	17.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	-0.01	0.10	0.07	98.63	ppb
Phosphorus	31-2	-21.28	-17.73	-17.85	-18.95		ppb
Potassium	39-2	-6.09	-5.39	-4.41	-5.30		ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	-0.84	-0.20	-1.27	-0.77		ppb
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	-0.96	0.41	-0.25	-0.27		ppb
Silicon	28-1	-1.08	-0.68	-0.79	-0.85		ppb
Silver	107-1	0.07	0.05	0.03	0.05	34.77	ppb
Silver	109-1	0.06	0.04	0.04	0.05	26.96	ppb
Sodium	23-2	23.64	24.06	20.56	22.75	8.40	ppb
Strontium	86-1	0.52	0.34	0.30	0.39	30.53	ppb
Strontium	88-1	0.56	0.38	0.31	0.41	31.62	ppb
Sulfur	34-1	-773.14	-603.62	-620.25	-665.67		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.05	0.05	0.06	22.51	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	20.59	ppb
Tin	118-1	0.06	0.09	0.10	0.08	24.84	ppb
Titanium	47-1	0.30	0.25	0.25	0.27	11.60	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:08:20	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.02	31.17	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	33.26	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	-0.14	-0.18	-0.15	-0.16		ppb
Zirconium	90-1	0.08	0.07	0.06	0.07	10.85	ppb
Zirconium	91-1	0.07	0.07	0.07	0.07	0.93	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-15	Instrumnet Name :	P7
Client Sample ID :	MYD467	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:11:39	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37453.65	36669.33	37072.54	37065.17	1.06	ppb
Antimony	121-1	2.74	2.09	2.14	2.32	15.49	ppb
Arsenic	75-2	112.60	114.65	114.48	113.91	1.00	ppb
Barium	135-1	332.95	249.05	253.92	278.64	16.90	ppb
Barium	137-1	327.84	247.49	251.25	275.53	16.46	ppb
Beryllium	9-1	1.97	1.53	1.51	1.67	15.70	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.52	1.73	2.01	2.08	19.22	ppb
Cadmium	106-1	2.01	0.80	0.32	1.04	83.34	ppb
Cadmium	111-1	1.76	1.32	1.27	1.45	18.49	ppb
Calcium	43-1	20771.58	15702.04	16144.99	17539.54	16.01	ppb
Calcium	44-1	19414.27	14741.91	15043.90	16400.03	15.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.03	40.58	41.46	41.02	1.08	ppb
Cobalt	59-2	45.57	44.74	45.55	45.28	1.04	ppb
Copper	63-2	126.29	126.02	126.18	126.16	0.11	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				103		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	100348.48	99333.06	99999.50	99893.68	0.52	ppb
Iron	57-2	99107.11	98002.36	99020.34	98709.94	0.62	ppb
Iron	54-2	100669.25	98677.57	100102.61	99816.48	1.03	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-15	Instrumnet Name :	P7
Client Sample ID :	MYD467	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:11:39	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	93.37	71.16	72.86	79.13	15.62	ppb
Lead	207-1	96.53	73.55	75.67	81.92	15.50	ppb
Lead	208-1	94.66	71.89	73.64	80.06	15.83	ppb
Lithium	6-1				91		%
Magnesium	24-2	17295.74	17031.90	17174.63	17167.42	0.77	ppb
Manganese	55-2	1659.44	1628.55	1631.63	1639.87	1.04	ppb
Molybdenum	94-1	14.22	10.66	10.95	11.94	16.55	ppb
Molybdenum	95-1	1.41	1.06	1.04	1.17	17.73	ppb
Molybdenum	96-1	3.75	2.90	2.97	3.21	14.63	ppb
Molybdenum	97-1	1.37	1.04	1.12	1.18	14.56	ppb
Molybdenum	98-1	1.35	1.02	1.02	1.13	16.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.25	43.05	43.36	43.22	0.36	ppb
Phosphorus	31-2	2847.62	2744.74	2809.01	2800.46	1.86	ppb
Potassium	39-2	5456.28	5528.85	5533.63	5506.26	0.79	ppb
Rhodium	103-1				92		%
Rhodium	103-2				101		%
Scandium	45-1				93		%
Scandium	45-2				101		%
Selenium	82-1	0.08	0.90	0.60	0.53	78.70	ppb
Selenium	77-2	13.40	14.42	17.90	15.24	15.47	ppb
Selenium	78-2	2.10	4.26	4.48	3.61	36.47	ppb
Silicon	28-1	1727.37	1297.97	1354.35	1459.90	15.98	ppb
Silver	107-1	0.56	0.39	0.39	0.45	22.78	ppb
Silver	109-1	0.55	0.39	0.42	0.45	19.70	ppb
Sodium	23-2	214.67	209.51	214.43	212.87	1.37	ppb
Strontium	86-1	80.82	62.44	62.71	68.66	15.34	ppb
Strontium	88-1	80.91	62.21	63.23	68.78	15.29	ppb
Sulfur	34-1	1196.25	-636.58	-602.92	-14.42		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.38	0.29	0.24	0.30	22.11	ppb
Thallium	205-1	0.38	0.26	0.26	0.30	23.53	ppb
Tin	118-1	1.43	1.07	1.07	1.19	17.61	ppb
Titanium	47-1	1053.11	798.24	822.71	891.35	15.78	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-15	Instrumnet Name :	P7
Client Sample ID :	MYD467	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:11:39	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.67	0.67	0.74	16.25	ppb
Vanadium	51-2	183.35	182.67	183.77	183.27	0.30	ppb
Yttrium	89-1				100		%
Yttrium	89-2				107		%
Zinc	66-2	389.10	386.55	389.19	388.28	0.39	ppb
Zirconium	90-1	7.42	5.78	5.69	6.30	15.44	ppb
Zirconium	91-1	7.27	5.84	5.98	6.36	12.42	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-16	Instrumnet Name :	P7
Client Sample ID :	MYD468	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:14:50	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28326.88	28259.96	27802.85	28129.90	1.01	ppb
Antimony	121-1	2.43	2.54	2.47	2.48	2.26	ppb
Arsenic	75-2	140.63	137.18	140.03	139.28	1.32	ppb
Barium	135-1	208.06	209.61	211.06	209.58	0.72	ppb
Barium	137-1	206.66	209.10	210.62	208.79	0.96	ppb
Beryllium	9-1	1.27	1.21	1.21	1.23	2.69	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.29	2.73	2.29	2.44	10.33	ppb
Cadmium	106-1	1.90	1.25	1.40	1.52	22.38	ppb
Cadmium	111-1	2.01	1.84	2.00	1.95	4.82	ppb
Calcium	43-1	10559.08	10622.53	10961.65	10714.42	2.02	ppb
Calcium	44-1	9965.88	9925.98	10251.01	10047.63	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.90	34.16	34.22	34.09	0.50	ppb
Cobalt	59-2	30.76	30.78	30.88	30.81	0.20	ppb
Copper	63-2	164.19	160.50	162.13	162.27	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				109		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	78103.61	77383.99	78114.93	77867.51	0.54	ppb
Iron	57-2	76604.72	76974.96	76708.51	76762.73	0.25	ppb
Iron	54-2	77653.93	76903.41	78199.38	77585.57	0.84	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-16	Instrumnet Name :	P7
Client Sample ID :	MYD468	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:14:50	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	105.14	107.50	106.03	106.22	1.12	ppb
Lead	207-1	109.24	112.58	110.82	110.88	1.51	ppb
Lead	208-1	107.09	109.53	108.45	108.36	1.13	ppb
Lithium	6-1				97		%
Magnesium	24-2	12424.05	12347.86	12315.25	12362.39	0.45	ppb
Manganese	55-2	1373.73	1354.09	1390.76	1372.86	1.34	ppb
Molybdenum	94-1	10.34	10.27	10.28	10.29	0.37	ppb
Molybdenum	95-1	0.91	0.84	0.91	0.88	4.34	ppb
Molybdenum	96-1	2.59	2.57	2.43	2.53	3.46	ppb
Molybdenum	97-1	0.93	0.87	0.88	0.89	3.60	ppb
Molybdenum	98-1	0.90	0.91	0.90	0.90	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.16	32.33	32.17	32.22	0.29	ppb
Phosphorus	31-2	1964.20	1983.36	2031.81	1993.12	1.75	ppb
Potassium	39-2	5412.54	5302.39	5398.59	5371.17	1.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.73	0.65	0.27	0.55	45.17	ppb
Selenium	77-2	9.05	8.74	10.58	9.46	10.40	ppb
Selenium	78-2	2.22	1.15	3.57	2.31	52.51	ppb
Silicon	28-1	1352.39	1367.00	1365.28	1361.56	0.59	ppb
Silver	107-1	0.60	0.59	0.62	0.61	2.78	ppb
Silver	109-1	0.60	0.60	0.60	0.60	0.80	ppb
Sodium	23-2	194.42	194.72	192.66	193.93	0.57	ppb
Strontium	86-1	48.24	48.17	47.68	48.03	0.63	ppb
Strontium	88-1	48.21	48.42	47.55	48.06	0.94	ppb
Sulfur	34-1	-1313.80	-1349.16	-1276.40	-1313.12		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.23	0.22	0.22	0.22	3.24	ppb
Thallium	205-1	0.22	0.22	0.22	0.22	1.07	ppb
Tin	118-1	1.23	1.19	1.27	1.23	3.21	ppb
Titanium	47-1	861.00	861.90	880.14	867.68	1.24	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-16	Instrumnet Name :	P7
Client Sample ID :	MYD468	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:14:50	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.56	0.58	0.58	0.57	1.42	ppb
Vanadium	51-2	143.88	142.10	143.98	143.32	0.74	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	430.95	430.47	430.26	430.56	0.08	ppb
Zirconium	90-1	5.45	5.47	5.45	5.45	0.25	ppb
Zirconium	91-1	5.52	5.41	5.44	5.46	0.97	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-17	Instrumnet Name :	P7
Client Sample ID :	MYD469	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:18:02	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25928.54	25706.95	26384.55	26006.68	1.33	ppb
Antimony	121-1	2.62	2.70	2.69	2.67	1.73	ppb
Arsenic	75-2	104.64	105.74	110.57	106.98	2.95	ppb
Barium	135-1	224.38	225.55	224.05	224.66	0.35	ppb
Barium	137-1	223.98	223.05	222.84	223.29	0.27	ppb
Beryllium	9-1	1.31	1.19	1.26	1.25	5.08	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.72	2.14	2.64	2.50	12.63	ppb
Cadmium	106-1	2.30	1.75	0.88	1.65	43.63	ppb
Cadmium	111-1	1.76	1.81	1.60	1.72	6.46	ppb
Calcium	43-1	9972.40	10082.57	10005.77	10020.25	0.56	ppb
Calcium	44-1	9336.12	9530.95	9392.08	9419.72	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.02	36.64	37.89	37.18	1.73	ppb
Cobalt	59-2	27.53	27.77	28.09	27.79	1.02	ppb
Copper	63-2	140.74	140.93	143.44	141.70	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				107		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	63856.03	64606.83	65576.98	64679.95	1.33	ppb
Iron	57-2	63319.19	63664.98	64936.22	63973.46	1.33	ppb
Iron	54-2	63930.91	64504.03	65308.71	64581.22	1.07	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-17	Instrumnet Name :	P7
Client Sample ID :	MYD469	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:18:02	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.00	94.57	92.55	93.71	1.11	ppb
Lead	207-1	97.35	99.14	97.48	97.99	1.02	ppb
Lead	208-1	95.32	96.59	94.81	95.57	0.96	ppb
Lithium	6-1				95		%
Magnesium	24-2	11539.99	11551.81	11770.82	11620.88	1.12	ppb
Manganese	55-2	1367.05	1385.35	1412.67	1388.36	1.65	ppb
Molybdenum	94-1	13.55	13.88	14.19	13.87	2.31	ppb
Molybdenum	95-1	0.98	1.02	1.01	1.00	2.27	ppb
Molybdenum	96-1	2.83	2.84	2.98	2.88	2.91	ppb
Molybdenum	97-1	1.04	0.94	1.05	1.01	6.00	ppb
Molybdenum	98-1	0.92	0.94	1.01	0.96	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.07	34.44	35.62	35.04	1.70	ppb
Phosphorus	31-2	2096.41	2189.79	2263.31	2183.17	3.83	ppb
Potassium	39-2	6743.76	6654.80	6898.52	6765.69	1.82	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.91	0.26	0.71	0.62	52.99	ppb
Selenium	77-2	12.75	13.65	11.34	12.58	9.25	ppb
Selenium	78-2	3.35	3.21	4.05	3.53	12.66	ppb
Silicon	28-1	1217.29	1243.83	1237.50	1232.87	1.12	ppb
Silver	107-1	0.58	0.56	0.58	0.57	2.10	ppb
Silver	109-1	0.53	0.55	0.54	0.54	1.91	ppb
Sodium	23-2	154.61	156.38	160.96	157.32	2.08	ppb
Strontium	86-1	40.62	40.99	41.92	41.18	1.63	ppb
Strontium	88-1	40.71	41.70	41.43	41.28	1.24	ppb
Sulfur	34-1	-1081.26	-1119.15	-1167.52	-1122.64		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.24	0.24	0.25	0.24	2.24	ppb
Thallium	205-1	0.23	0.25	0.23	0.24	3.83	ppb
Tin	118-1	1.11	1.13	1.09	1.11	1.80	ppb
Titanium	47-1	704.22	708.72	704.86	705.93	0.34	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-17	Instrumnet Name :	P7
Client Sample ID :	MYD469	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:18:02	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.70	0.74	0.70	0.72	3.17	ppb
Vanadium	51-2	97.64	97.23	99.68	98.18	1.34	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	418.77	413.47	427.39	419.88	1.67	ppb
Zirconium	90-1	7.35	7.59	7.56	7.50	1.74	ppb
Zirconium	91-1	7.41	7.53	7.72	7.55	2.03	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-18	Instrumnet Name :	P7
Client Sample ID :	MYD470	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:21:11	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33827.64	34097.25	34027.09	33983.99	0.41	ppb
Antimony	121-1	1.95	1.97	1.94	1.95	0.88	ppb
Arsenic	75-2	100.96	101.26	103.15	101.79	1.17	ppb
Barium	135-1	263.44	264.01	267.43	264.96	0.81	ppb
Barium	137-1	263.01	264.31	263.11	263.47	0.28	ppb
Beryllium	9-1	1.36	1.39	1.49	1.41	4.88	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.21	2.24	2.53	2.33	7.71	ppb
Cadmium	106-1	2.14	1.24	0.47	1.28	65.25	ppb
Cadmium	111-1	1.91	1.77	1.62	1.76	8.25	ppb
Calcium	43-1	12393.35	12589.31	12605.63	12529.43	0.94	ppb
Calcium	44-1	11596.72	11841.72	11671.14	11703.19	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.28	36.65	36.34	36.76	1.30	ppb
Cobalt	59-2	35.34	35.02	35.45	35.27	0.63	ppb
Copper	63-2	168.59	168.27	168.08	168.31	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				106		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	86951.40	85835.04	86738.07	86508.17	0.69	ppb
Iron	57-2	85164.85	85635.04	85584.24	85461.38	0.30	ppb
Iron	54-2	86443.93	86327.04	86388.67	86386.55	0.07	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-18	Instrumnet Name :	P7
Client Sample ID :	MYD470	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:21:11	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	85.30	87.59	87.69	86.86	1.56	ppb
Lead	207-1	88.26	89.56	89.77	89.20	0.92	ppb
Lead	208-1	86.43	88.14	88.14	87.57	1.12	ppb
Lithium	6-1				96		%
Magnesium	24-2	14685.38	14723.03	14930.14	14779.52	0.89	ppb
Manganese	55-2	1570.50	1567.86	1572.09	1570.15	0.14	ppb
Molybdenum	94-1	12.13	12.14	12.36	12.21	1.09	ppb
Molybdenum	95-1	0.79	0.83	0.83	0.82	2.78	ppb
Molybdenum	96-1	2.76	2.63	2.84	2.74	3.74	ppb
Molybdenum	97-1	0.73	0.75	0.78	0.76	3.28	ppb
Molybdenum	98-1	0.74	0.79	0.73	0.76	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.61	36.87	36.96	36.81	0.50	ppb
Phosphorus	31-2	1868.11	1835.81	1874.52	1859.48	1.12	ppb
Potassium	39-2	6119.10	6013.95	6092.65	6075.23	0.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.68	0.32	0.82	0.61	42.61	ppb
Selenium	77-2	11.99	12.71	10.41	11.71	10.05	ppb
Selenium	78-2	4.13	3.15	2.48	3.25	25.41	ppb
Silicon	28-1	1338.28	1346.26	1348.19	1344.24	0.39	ppb
Silver	107-1	0.46	0.45	0.44	0.45	2.04	ppb
Silver	109-1	0.44	0.43	0.45	0.44	1.95	ppb
Sodium	23-2	176.69	176.86	178.89	177.48	0.69	ppb
Strontium	86-1	56.65	57.07	57.15	56.96	0.47	ppb
Strontium	88-1	56.59	56.72	57.01	56.77	0.38	ppb
Sulfur	34-1	-1262.34	-1232.01	-1169.76	-1221.37		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.21	0.21	0.19	0.20	5.16	ppb
Thallium	205-1	0.20	0.20	0.20	0.20	1.16	ppb
Tin	118-1	1.14	1.14	1.20	1.16	2.90	ppb
Titanium	47-1	889.96	904.04	903.37	899.12	0.88	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-18	Instrumnet Name :	P7
Client Sample ID :	MYD470	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:21:11	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.61	0.60	0.60	1.59	ppb
Vanadium	51-2	152.14	151.42	152.83	152.13	0.46	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	363.98	361.46	362.99	362.81	0.35	ppb
Zirconium	90-1	6.45	6.56	6.54	6.52	0.88	ppb
Zirconium	91-1	6.58	6.41	6.63	6.54	1.72	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-19	Instrumnet Name :	P7
Client Sample ID :	MYD471	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:24:24	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39602.17	39646.06	39366.69	39538.31	0.38	ppb
Antimony	121-1	1.48	1.47	1.48	1.48	0.45	ppb
Arsenic	75-2	90.91	89.01	87.93	89.28	1.69	ppb
Barium	135-1	328.41	330.96	333.66	331.01	0.79	ppb
Barium	137-1	328.45	330.43	332.59	330.49	0.63	ppb
Beryllium	9-1	1.58	1.64	1.86	1.69	8.59	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.71	2.04	2.22	1.99	12.94	ppb
Cadmium	106-1	2.10	1.04	1.44	1.53	34.91	ppb
Cadmium	111-1	1.50	1.42	1.47	1.46	3.01	ppb
Calcium	43-1	26401.52	27233.79	27242.34	26959.22	1.79	ppb
Calcium	44-1	25011.20	25620.91	25319.26	25317.13	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.62	50.63	50.43	50.56	0.22	ppb
Cobalt	59-2	36.83	36.88	35.76	36.49	1.73	ppb
Copper	63-2	139.88	140.36	138.52	139.59	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				105		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	74956.75	75152.55	74698.66	74935.99	0.30	ppb
Iron	57-2	74361.32	75105.52	74189.83	74552.22	0.65	ppb
Iron	54-2	74989.15	75861.75	73639.10	74830.00	1.50	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-19	Instrumnet Name :	P7
Client Sample ID :	MYD471	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:24:24	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	72.67	73.65	73.44	73.25	0.71	ppb
Lead	207-1	74.90	76.10	75.98	75.66	0.88	ppb
Lead	208-1	73.53	74.66	74.05	74.08	0.76	ppb
Lithium	6-1				96		%
Magnesium	24-2	17985.86	17977.13	17972.97	17978.65	0.04	ppb
Manganese	55-2	1870.61	1869.15	1833.45	1857.73	1.13	ppb
Molybdenum	94-1	10.79	10.68	10.84	10.77	0.74	ppb
Molybdenum	95-1	0.93	0.92	0.94	0.93	1.09	ppb
Molybdenum	96-1	2.51	2.59	2.64	2.58	2.69	ppb
Molybdenum	97-1	0.91	0.91	0.95	0.92	2.57	ppb
Molybdenum	98-1	0.84	0.83	0.85	0.84	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.27	50.69	50.37	50.44	0.43	ppb
Phosphorus	31-2	2668.19	2662.81	2518.14	2616.38	3.25	ppb
Potassium	39-2	9713.15	9850.23	9741.58	9768.32	0.74	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	1.13	0.84	0.74	0.90	22.02	ppb
Selenium	77-2	12.98	10.83	14.53	12.78	14.53	ppb
Selenium	78-2	4.52	3.31	3.14	3.66	20.61	ppb
Silicon	28-1	1802.84	1838.69	1815.70	1819.08	1.00	ppb
Silver	107-1	0.55	0.56	0.58	0.56	3.06	ppb
Silver	109-1	0.52	0.57	0.58	0.56	5.62	ppb
Sodium	23-2	189.23	192.77	190.31	190.77	0.95	ppb
Strontium	86-1	66.06	66.14	66.47	66.22	0.33	ppb
Strontium	88-1	66.51	66.73	67.03	66.75	0.39	ppb
Sulfur	34-1	-104.24	-48.24	-78.02	-76.84		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.28	0.28	0.29	0.29	2.43	ppb
Thallium	205-1	0.28	0.30	0.29	0.29	2.56	ppb
Tin	118-1	1.22	1.26	1.23	1.24	1.72	ppb
Titanium	47-1	512.13	526.25	519.94	519.44	1.36	ppb

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-19	Instrumnet Name :	P7
Client Sample ID :	MYD471	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:24:24	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.74	0.74	0.74	0.85	ppb
Vanadium	51-2	109.32	110.50	109.18	109.67	0.66	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	388.14	389.20	384.07	387.14	0.70	ppb
Zirconium	90-1	5.69	5.90	5.73	5.77	1.96	ppb
Zirconium	91-1	5.70	5.78	5.98	5.82	2.46	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-20	Instrumnet Name :	P7
Client Sample ID :	MYD472	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:27:33	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33702.32	33641.35	33751.79	33698.49	0.16	ppb
Antimony	121-1	2.67	2.78	2.76	2.73	2.09	ppb
Arsenic	75-2	185.25	183.66	181.98	183.63	0.89	ppb
Barium	135-1	267.23	272.63	271.21	270.35	1.03	ppb
Barium	137-1	266.24	270.84	271.40	269.49	1.05	ppb
Beryllium	9-1	1.38	1.45	1.36	1.40	3.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.04	2.87	2.62	2.84	7.41	ppb
Cadmium	106-1	2.48	2.63	2.44	2.52	3.86	ppb
Cadmium	111-1	2.11	2.26	2.19	2.19	3.45	ppb
Calcium	43-1	18745.11	18644.17	18794.92	18728.07	0.41	ppb
Calcium	44-1	17473.92	17423.55	17575.81	17491.09	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.19	42.27	42.54	42.33	0.43	ppb
Cobalt	59-2	38.32	38.02	38.13	38.15	0.39	ppb
Copper	63-2	200.69	201.89	202.37	201.65	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	90528.42	90266.18	91027.69	90607.43	0.43	ppb
Iron	57-2	90167.34	88933.78	90469.43	89856.85	0.91	ppb
Iron	54-2	90036.04	90832.38	90131.19	90333.20	0.48	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-20	Instrumnet Name :	P7
Client Sample ID :	MYD472	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:27:33	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.00	124.65	125.86	124.50	1.15	ppb
Lead	207-1	129.87	130.68	131.48	130.68	0.61	ppb
Lead	208-1	126.55	127.87	128.17	127.53	0.68	ppb
Lithium	6-1				96		%
Magnesium	24-2	15769.10	15786.44	15938.78	15831.44	0.59	ppb
Manganese	55-2	1675.72	1641.14	1669.51	1662.13	1.11	ppb
Molybdenum	94-1	11.42	11.57	11.66	11.55	1.07	ppb
Molybdenum	95-1	1.16	1.10	1.12	1.13	2.42	ppb
Molybdenum	96-1	2.91	2.87	3.06	2.95	3.34	ppb
Molybdenum	97-1	1.03	1.12	1.21	1.12	8.25	ppb
Molybdenum	98-1	1.04	1.06	1.05	1.05	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.02	40.60	39.76	39.79	1.99	ppb
Phosphorus	31-2	2666.86	2703.31	2649.17	2673.11	1.03	ppb
Potassium	39-2	5696.68	5757.24	5709.66	5721.19	0.56	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	1.01	1.15	1.04	1.07	7.07	ppb
Selenium	77-2	10.93	13.28	15.97	13.39	18.80	ppb
Selenium	78-2	5.41	3.19	2.43	3.67	42.03	ppb
Silicon	28-1	1581.60	1591.32	1567.25	1580.05	0.77	ppb
Silver	107-1	1.06	1.08	1.03	1.06	2.28	ppb
Silver	109-1	1.05	1.04	1.06	1.05	0.99	ppb
Sodium	23-2	163.55	167.48	169.62	166.88	1.84	ppb
Strontium	86-1	54.24	54.76	54.81	54.60	0.58	ppb
Strontium	88-1	54.32	55.02	54.90	54.75	0.68	ppb
Sulfur	34-1	1588.07	1501.73	1398.70	1496.17	6.34	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.24	0.24	0.25	0.24	1.47	ppb
Thallium	205-1	0.23	0.22	0.24	0.23	3.82	ppb
Tin	118-1	1.20	1.25	1.26	1.24	2.57	ppb
Titanium	47-1	608.38	611.14	607.76	609.09	0.30	ppb

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-20	Instrumnet Name :	P7
Client Sample ID :	MYD472	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:27:33	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.64	0.62	0.63	2.25	ppb
Vanadium	51-2	158.99	159.07	158.90	158.99	0.05	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	520.93	525.46	528.42	524.94	0.72	ppb
Zirconium	90-1	6.09	6.22	6.10	6.14	1.19	ppb
Zirconium	91-1	6.02	6.05	6.18	6.09	1.40	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-21	Instrumnet Name :	P7
Client Sample ID :	MYD473	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:30:46	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42011.66	41422.10	41672.87	41702.21	0.71	ppb
Antimony	121-1	1.34	1.32	1.35	1.34	1.29	ppb
Arsenic	75-2	116.09	117.63	118.89	117.54	1.20	ppb
Barium	135-1	279.10	280.06	286.56	281.91	1.44	ppb
Barium	137-1	278.15	279.77	285.30	281.07	1.33	ppb
Beryllium	9-1	1.55	1.56	1.52	1.55	1.59	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.70	1.88	1.81	1.79	4.81	ppb
Cadmium	106-1	1.36	0.63	1.14	1.04	36.06	ppb
Cadmium	111-1	1.29	1.11	1.25	1.22	7.84	ppb
Calcium	43-1	16082.74	16236.08	16383.47	16234.10	0.93	ppb
Calcium	44-1	15163.40	15183.83	15397.79	15248.34	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.43	42.09	42.83	42.78	1.58	ppb
Cobalt	59-2	40.11	39.62	40.10	39.94	0.70	ppb
Copper	63-2	147.23	145.55	145.09	145.96	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				103		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	91226.31	90563.87	90588.43	90792.87	0.41	ppb
Iron	57-2	90904.03	89654.15	89910.28	90156.15	0.73	ppb
Iron	54-2	91570.68	90686.88	90518.26	90925.27	0.62	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-21	Instrumnet Name :	P7
Client Sample ID :	MYD473	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:30:46	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	56.41	55.98	56.78	56.39	0.72	ppb
Lead	207-1	57.02	57.59	58.86	57.82	1.63	ppb
Lead	208-1	56.57	56.67	57.55	56.93	0.95	ppb
Lithium	6-1				94		%
Magnesium	24-2	17197.80	16900.00	17164.34	17087.38	0.95	ppb
Manganese	55-2	1833.11	1827.66	1813.33	1824.70	0.56	ppb
Molybdenum	94-1	11.85	12.12	12.31	12.09	1.90	ppb
Molybdenum	95-1	0.84	0.83	0.86	0.84	2.21	ppb
Molybdenum	96-1	2.86	2.80	2.82	2.83	0.97	ppb
Molybdenum	97-1	0.81	0.83	0.84	0.83	1.58	ppb
Molybdenum	98-1	0.83	0.80	0.85	0.82	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.75	38.23	38.27	38.42	0.75	ppb
Phosphorus	31-2	2239.41	2299.17	2302.13	2280.24	1.55	ppb
Potassium	39-2	3428.00	3389.83	3390.93	3402.92	0.64	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.78	0.71	0.43	0.64	28.53	ppb
Selenium	77-2	17.29	13.55	16.81	15.88	12.83	ppb
Selenium	78-2	4.37	2.63	2.61	3.20	31.57	ppb
Silicon	28-1	1609.31	1609.89	1609.49	1609.56	0.02	ppb
Silver	107-1	0.34	0.35	0.36	0.35	3.41	ppb
Silver	109-1	0.37	0.35	0.37	0.36	3.06	ppb
Sodium	23-2	288.00	291.98	292.95	290.97	0.90	ppb
Strontium	86-1	63.61	63.99	64.44	64.02	0.65	ppb
Strontium	88-1	62.73	63.92	63.87	63.51	1.06	ppb
Sulfur	34-1	-1234.50	-1380.41	-1377.07	-1330.66		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.18	0.19	0.18	0.19	0.88	ppb
Thallium	205-1	0.20	0.20	0.20	0.20	1.57	ppb
Tin	118-1	1.12	1.12	1.17	1.13	2.47	ppb
Titanium	47-1	718.73	723.15	725.95	722.61	0.50	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-21	Instrumnet Name :	P7
Client Sample ID :	MYD473	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:30:46	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.61	0.63	0.61	2.50	ppb
Vanadium	51-2	154.55	154.36	153.86	154.26	0.23	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	297.85	295.40	297.50	296.92	0.45	ppb
Zirconium	90-1	6.39	6.47	6.50	6.45	0.89	ppb
Zirconium	91-1	6.29	6.60	6.75	6.55	3.62	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-22	Instrumnet Name :	P7
Client Sample ID :	MYD474	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:33:57	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27702.88	27840.57	27797.28	27780.24	0.25	ppb
Antimony	121-1	1.98	2.05	2.12	2.05	3.35	ppb
Arsenic	75-2	83.33	84.13	81.57	83.01	1.58	ppb
Barium	135-1	231.44	235.04	234.36	233.61	0.82	ppb
Barium	137-1	229.17	233.66	234.43	232.42	1.22	ppb
Beryllium	9-1	1.42	1.34	1.24	1.33	6.89	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.76	1.61	1.98	1.78	10.30	ppb
Cadmium	106-1	0.97	0.78	0.39	0.71	41.25	ppb
Cadmium	111-1	1.01	1.09	0.96	1.02	6.54	ppb
Calcium	43-1	12720.41	12938.92	12906.78	12855.37	0.92	ppb
Calcium	44-1	11976.18	12030.88	11992.77	11999.94	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.26	34.95	35.78	35.33	1.20	ppb
Cobalt	59-2	29.73	29.40	29.54	29.56	0.56	ppb
Copper	63-2	112.94	113.19	112.21	112.78	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				104		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	69100.11	68952.62	69047.59	69033.44	0.11	ppb
Iron	57-2	67546.94	68045.44	68789.75	68127.37	0.92	ppb
Iron	54-2	68889.38	68786.17	69408.62	69028.06	0.48	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-22	Instrumnet Name :	P7
Client Sample ID :	MYD474	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:33:57	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.93	50.80	51.09	50.94	0.29	ppb
Lead	207-1	52.12	51.84	52.37	52.11	0.50	ppb
Lead	208-1	51.13	51.22	51.58	51.31	0.46	ppb
Lithium	6-1				94		%
Magnesium	24-2	13279.97	13010.06	13306.59	13198.87	1.24	ppb
Manganese	55-2	1490.27	1452.93	1474.96	1472.72	1.27	ppb
Molybdenum	94-1	11.24	11.44	11.62	11.43	1.67	ppb
Molybdenum	95-1	1.25	1.38	1.27	1.30	5.21	ppb
Molybdenum	96-1	3.00	2.94	2.93	2.96	1.41	ppb
Molybdenum	97-1	1.28	1.25	1.33	1.29	2.93	ppb
Molybdenum	98-1	1.22	1.24	1.27	1.24	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.51	38.75	37.91	38.39	1.13	ppb
Phosphorus	31-2	2545.38	2488.43	2498.95	2510.92	1.21	ppb
Potassium	39-2	6669.63	6555.35	6576.85	6600.61	0.92	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	0.80	0.36	0.95	0.70	43.72	ppb
Selenium	77-2	12.97	13.42	12.34	12.91	4.22	ppb
Selenium	78-2	3.10	2.76	4.34	3.40	24.42	ppb
Silicon	28-1	1333.35	1335.20	1343.51	1337.35	0.40	ppb
Silver	107-1	0.58	0.62	0.62	0.61	3.68	ppb
Silver	109-1	0.57	0.61	0.59	0.59	2.72	ppb
Sodium	23-2	192.54	193.52	193.26	193.11	0.26	ppb
Strontium	86-1	43.86	43.76	44.03	43.88	0.30	ppb
Strontium	88-1	43.59	43.90	44.34	43.94	0.86	ppb
Sulfur	34-1	-1050.44	-995.81	-1007.90	-1018.05		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.22	0.24	0.23	0.23	4.70	ppb
Thallium	205-1	0.24	0.23	0.24	0.24	3.89	ppb
Tin	118-1	1.03	1.00	0.99	1.01	2.24	ppb
Titanium	47-1	689.98	690.21	689.98	690.06	0.02	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-22	Instrumnet Name :	P7
Client Sample ID :	MYD474	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:33:57	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.66	0.67	0.66	2.17	ppb
Vanadium	51-2	112.24	109.87	111.52	111.21	1.09	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	271.35	269.53	268.44	269.77	0.54	ppb
Zirconium	90-1	5.84	5.84	5.88	5.85	0.35	ppb
Zirconium	91-1	5.97	5.85	6.11	5.98	2.13	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:37:10	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3960.32	4037.40	3865.74	3954.49	2.17	ppb
Antimony	121-1	0.21	0.23	0.23	0.22	5.83	ppb
Arsenic	75-2	10.91	11.18	11.27	11.12	1.68	ppb
Barium	135-1	112.04	114.50	116.62	114.39	2.00	ppb
Barium	137-1	114.58	115.11	114.77	114.82	0.23	ppb
Beryllium	9-1	0.36	0.35	0.34	0.35	2.24	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.42	0.56	0.39	0.46	20.42	ppb
Cadmium	106-1	-2.10	-2.10	-2.47	-2.22		ppb
Cadmium	111-1	0.20	0.23	0.19	0.21	9.59	ppb
Calcium	43-1	1434.92	1447.64	1423.74	1435.44	0.83	ppb
Calcium	44-1	1426.25	1444.92	1430.16	1433.77	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.65	14.50	13.71	13.95	3.37	ppb
Cobalt	59-2	11.47	11.57	11.34	11.46	1.00	ppb
Copper	63-2	30.45	31.49	30.19	30.71	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	11597.59	11869.35	11345.12	11604.02	2.26	ppb
Iron	57-2	12044.53	12293.22	11798.60	12045.45	2.05	ppb
Iron	54-2	12161.67	12306.87	11849.54	12106.03	1.93	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:37:10	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.25	14.34	14.03	14.21	1.11	ppb
Lead	207-1	14.41	14.09	13.51	14.00	3.25	ppb
Lead	208-1	14.22	14.29	13.82	14.11	1.81	ppb
Lithium	6-1				94		%
Magnesium	24-2	2526.55	2581.69	2484.58	2530.94	1.92	ppb
Manganese	55-2	877.40	884.60	861.90	874.63	1.33	ppb
Molybdenum	94-1	2.08	2.02	2.06	2.06	1.49	ppb
Molybdenum	95-1	0.25	0.25	0.22	0.24	6.09	ppb
Molybdenum	96-1	0.58	0.53	0.50	0.54	6.90	ppb
Molybdenum	97-1	0.24	0.25	0.25	0.25	2.05	ppb
Molybdenum	98-1	0.25	0.24	0.23	0.24	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.29	17.78	16.87	17.32	2.64	ppb
Phosphorus	31-2	404.95	414.86	391.80	403.87	2.86	ppb
Potassium	39-2	1615.90	1651.38	1575.76	1614.35	2.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	-1.30	-0.59	-0.60	-0.83		ppb
Selenium	77-2	2.06	3.55	3.07	2.90	26.19	ppb
Selenium	78-2	0.15	0.53	0.03	0.24	109.20	ppb
Silicon	28-1	1295.53	1305.98	1286.36	1295.96	0.76	ppb
Silver	107-1	0.07	0.07	0.07	0.07	5.55	ppb
Silver	109-1	0.07	0.07	0.08	0.07	2.98	ppb
Sodium	23-2	48.92	52.39	50.28	50.53	3.46	ppb
Strontium	86-1	10.88	11.07	10.62	10.85	2.10	ppb
Strontium	88-1	11.10	11.23	10.82	11.05	1.87	ppb
Sulfur	34-1	-1472.15	-1494.58	-1609.10	-1525.28		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.08	0.08	0.08	8.98	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	1.48	ppb
Tin	118-1	0.36	0.38	0.33	0.36	7.12	ppb
Titanium	47-1	229.88	230.47	228.06	229.47	0.55	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:37:10	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.20	0.21	1.73	ppb
Vanadium	51-2	28.26	28.71	27.22	28.06	2.73	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	46.20	45.83	44.82	45.62	1.57	ppb
Zirconium	90-1	1.00	1.05	1.05	1.03	3.07	ppb
Zirconium	91-1	1.11	1.02	0.96	1.03	7.14	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2D	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:40:25	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3973.36	3958.58	3986.28	3972.74	0.35	ppb
Antimony	121-1	0.20	0.23	0.21	0.21	7.17	ppb
Arsenic	75-2	10.06	11.08	11.03	10.72	5.33	ppb
Barium	135-1	113.13	115.05	115.29	114.49	1.03	ppb
Barium	137-1	113.84	116.27	113.77	114.62	1.24	ppb
Beryllium	9-1	0.34	0.27	0.34	0.32	13.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.65	0.45	0.42	0.51	24.67	ppb
Cadmium	106-1	-1.39	-1.21	-2.12	-1.57		ppb
Cadmium	111-1	0.22	0.26	0.18	0.22	17.48	ppb
Calcium	43-1	1388.85	1379.94	1345.34	1371.38	1.68	ppb
Calcium	44-1	1386.74	1413.29	1403.71	1401.25	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.90	14.21	14.44	14.18	1.93	ppb
Cobalt	59-2	11.40	11.39	11.46	11.42	0.33	ppb
Copper	63-2	30.71	30.86	31.10	30.89	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	11590.68	11542.84	11674.28	11602.60	0.57	ppb
Iron	57-2	12059.06	12032.66	12205.80	12099.17	0.77	ppb
Iron	54-2	12121.69	12074.97	12185.84	12127.50	0.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2D	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:40:25	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.32	14.32	13.77	14.14	2.22	ppb
Lead	207-1	14.03	14.16	13.48	13.89	2.60	ppb
Lead	208-1	14.24	14.32	13.76	14.11	2.12	ppb
Lithium	6-1				94		%
Magnesium	24-2	2540.04	2533.24	2565.03	2546.10	0.66	ppb
Manganese	55-2	896.42	885.55	878.54	886.84	1.02	ppb
Molybdenum	94-1	2.03	1.97	2.06	2.02	2.21	ppb
Molybdenum	95-1	0.23	0.23	0.26	0.24	7.32	ppb
Molybdenum	96-1	0.51	0.53	0.49	0.51	3.66	ppb
Molybdenum	97-1	0.23	0.23	0.25	0.23	4.39	ppb
Molybdenum	98-1	0.21	0.24	0.24	0.23	8.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.55	17.34	17.37	17.42	0.64	ppb
Phosphorus	31-2	421.86	422.68	441.53	428.69	2.60	ppb
Potassium	39-2	1619.60	1609.85	1632.41	1620.62	0.70	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	82-1	-0.85	-0.25	-0.64	-0.58		ppb
Selenium	77-2	4.30	3.96	4.44	4.23	5.77	ppb
Selenium	78-2	1.21	1.59	0.26	1.02	67.06	ppb
Silicon	28-1	1256.96	1263.21	1277.57	1265.91	0.83	ppb
Silver	107-1	0.07	0.06	0.08	0.07	13.96	ppb
Silver	109-1	0.06	0.08	0.08	0.07	13.47	ppb
Sodium	23-2	42.69	44.45	44.87	44.00	2.63	ppb
Strontium	86-1	10.88	10.62	10.74	10.74	1.22	ppb
Strontium	88-1	10.81	11.00	10.80	10.87	1.02	ppb
Sulfur	34-1	-1654.56	-1627.63	-1642.59	-1641.59		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.09	0.09	0.08	0.09	5.50	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	5.83	ppb
Tin	118-1	0.31	0.31	0.32	0.31	1.94	ppb
Titanium	47-1	221.97	224.46	226.24	224.23	0.96	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2D	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:40:25	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.22	0.21	0.21	2.66	ppb
Vanadium	51-2	28.16	28.33	28.28	28.26	0.31	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	45.78	45.36	45.23	45.46	0.64	ppb
Zirconium	90-1	0.99	1.01	0.99	0.99	1.37	ppb
Zirconium	91-1	1.00	1.06	0.98	1.01	4.39	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD3M2L	Dilution Factor :	20
Date & Time Acquired :	2024-09-29 19:43:41	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	772.60	757.91	778.90	769.80	1.40	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	3.83	ppb
Arsenic	75-2	2.27	1.75	2.13	2.05	13.17	ppb
Barium	135-1	22.60	23.06	22.91	22.86	1.03	ppb
Barium	137-1	22.26	22.29	21.98	22.18	0.76	ppb
Beryllium	9-1	0.07	0.05	0.07	0.06	23.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.00	0.14	0.07	96.42	ppb
Cadmium	106-1	-1.29	-3.07	-3.01	-2.46		ppb
Cadmium	111-1	-0.03	-0.15	-0.13	-0.10		ppb
Calcium	43-1	263.70	260.71	265.52	263.31	0.92	ppb
Calcium	44-1	269.32	275.06	273.05	272.47	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.65	2.65	2.75	2.68	2.13	ppb
Cobalt	59-2	2.22	2.19	2.26	2.23	1.60	ppb
Copper	63-2	6.02	5.58	5.94	5.85	4.03	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				103		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	2248.92	2207.21	2280.95	2245.69	1.65	ppb
Iron	57-2	2313.73	2296.26	2364.36	2324.78	1.52	ppb
Iron	54-2	2358.82	2302.51	2379.07	2346.80	1.69	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD3M2L	Dilution Factor :	20
Date & Time Acquired :	2024-09-29 19:43:41	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.80	2.83	2.78	2.80	0.94	ppb
Lead	207-1	2.67	2.74	2.71	2.71	1.27	ppb
Lead	208-1	2.74	2.77	2.73	2.74	0.79	ppb
Lithium	6-1				94		%
Magnesium	24-2	495.12	480.39	498.91	491.47	1.99	ppb
Manganese	55-2	175.59	169.69	176.13	173.80	2.06	ppb
Molybdenum	94-1	0.40	0.42	0.46	0.43	7.70	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.05	6.72	ppb
Molybdenum	96-1	0.07	0.09	0.10	0.09	13.88	ppb
Molybdenum	97-1	0.06	0.05	0.05	0.05	16.50	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.05	13.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.37	3.42	3.49	3.43	1.81	ppb
Phosphorus	31-2	54.76	50.90	61.97	55.88	10.06	ppb
Potassium	39-2	305.23	291.71	307.58	301.51	2.84	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	-0.81	-0.34	-0.43	-0.52		ppb
Selenium	77-2	0.64	0.62	0.27	0.51	41.41	ppb
Selenium	78-2	1.58	-0.89	-0.18	0.17	756.25	ppb
Silicon	28-1	252.18	256.82	257.57	255.52	1.14	ppb
Silver	107-1	0.01	0.01	0.02	0.01	15.82	ppb
Silver	109-1	0.02	0.01	0.01	0.01	23.98	ppb
Sodium	23-2	11.20	11.03	11.38	11.20	1.56	ppb
Strontium	86-1	2.09	2.14	1.97	2.07	4.04	ppb
Strontium	88-1	2.10	2.14	2.13	2.12	1.02	ppb
Sulfur	34-1	-1769.06	-1766.71	-1671.72	-1735.83		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.02	0.02	0.02	26.10	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	26.69	ppb
Tin	118-1	0.04	0.04	0.06	0.05	19.62	ppb
Titanium	47-1	43.66	44.94	44.22	44.28	1.45	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD3M2L	Dilution Factor :	20
Date & Time Acquired :	2024-09-29 19:43:41	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	2.09	ppb
Vanadium	51-2	5.57	5.29	5.44	5.43	2.60	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	8.69	8.34	9.09	8.71	4.33	ppb
Zirconium	90-1	0.18	0.21	0.21	0.20	8.27	ppb
Zirconium	91-1	0.19	0.20	0.19	0.20	4.48	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2S	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:46:56	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4268.23	4235.68	4245.49	4249.80	0.39	ppb
Antimony	121-1	14.83	15.40	15.20	15.14	1.90	ppb
Arsenic	75-2	16.49	16.72	16.28	16.49	1.34	ppb
Barium	135-1	387.78	398.18	401.41	395.79	1.80	ppb
Barium	137-1	391.27	398.77	393.92	394.66	0.96	ppb
Beryllium	9-1	7.78	7.60	7.40	7.60	2.48	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.36	7.27	7.30	7.31	0.62	ppb
Cadmium	106-1	3.75	5.14	5.14	4.68	17.09	ppb
Cadmium	111-1	7.48	7.81	7.91	7.73	2.94	ppb
Calcium	43-1	1442.76	1438.50	1397.64	1426.30	1.75	ppb
Calcium	44-1	1417.16	1441.26	1427.95	1428.79	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.60	45.25	45.87	45.58	0.68	ppb
Cobalt	59-2	90.13	90.19	90.00	90.10	0.10	ppb
Copper	63-2	67.99	67.41	67.78	67.73	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	56-2	11818.48	11762.03	11700.48	11760.33	0.50	ppb
Iron	57-2	12163.68	12247.79	12198.11	12203.19	0.35	ppb
Iron	54-2	12326.04	12274.40	12340.84	12313.76	0.28	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2S	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:46:56	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.07	17.17	17.21	17.15	0.40	ppb
Lead	207-1	17.38	16.93	16.40	16.91	2.90	ppb
Lead	208-1	16.98	17.14	16.70	16.94	1.31	ppb
Lithium	6-1				92		%
Magnesium	24-2	2545.73	2521.10	2540.54	2535.79	0.51	ppb
Manganese	55-2	967.35	976.38	971.47	971.73	0.47	ppb
Molybdenum	94-1	2.07	2.27	1.93	2.09	8.37	ppb
Molybdenum	95-1	0.27	0.26	0.26	0.26	3.48	ppb
Molybdenum	96-1	0.59	0.58	0.50	0.56	8.92	ppb
Molybdenum	97-1	0.22	0.22	0.24	0.23	5.65	ppb
Molybdenum	98-1	0.27	0.25	0.23	0.25	7.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.24	96.77	97.89	97.30	0.58	ppb
Phosphorus	31-2	405.12	397.99	399.63	400.91	0.93	ppb
Potassium	39-2	1614.30	1601.05	1624.05	1613.13	0.72	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				86		%
Scandium	45-2				85		%
Selenium	82-1	19.61	18.55	17.94	18.70	4.52	ppb
Selenium	77-2	22.42	19.59	25.20	22.40	12.52	ppb
Selenium	78-2	15.34	19.95	22.27	19.19	18.38	ppb
Silicon	28-1	1306.33	1324.80	1306.66	1312.60	0.81	ppb
Silver	107-1	7.39	7.75	7.82	7.65	3.05	ppb
Silver	109-1	7.41	7.74	7.56	7.57	2.13	ppb
Sodium	23-2	38.30	39.67	39.08	39.01	1.77	ppb
Strontium	86-1	11.37	10.87	10.70	10.98	3.14	ppb
Strontium	88-1	11.18	11.24	10.84	11.08	1.95	ppb
Sulfur	34-1	-1543.86	-1581.75	-1694.20	-1606.60		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	6.81	6.67	6.44	6.64	2.81	ppb
Thallium	205-1	6.66	6.84	6.41	6.63	3.19	ppb
Tin	118-1	0.30	0.30	0.35	0.32	8.91	ppb
Titanium	47-1	236.95	230.42	228.59	231.99	1.89	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2S	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:46:56	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.20	0.21	2.73	ppb
Vanadium	51-2	104.46	105.07	103.89	104.47	0.57	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	123.16	122.62	122.51	122.76	0.29	ppb
Zirconium	90-1	1.04	1.06	1.04	1.05	1.26	ppb
Zirconium	91-1	1.11	1.05	1.02	1.06	4.45	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:50:12	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5328.72	5304.45	5342.84	5325.34	0.36	ppb
Antimony	121-1	72.03	72.65	72.24	72.30	0.44	ppb
Arsenic	75-2	40.31	40.87	39.10	40.10	2.25	ppb
Barium	135-1	1571.89	1595.97	1574.64	1580.84	0.83	ppb
Barium	137-1	1577.77	1563.88	1573.05	1571.57	0.45	ppb
Beryllium	9-1	36.25	36.00	36.15	36.13	0.34	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.71	32.00	34.41	33.37	3.72	ppb
Cadmium	106-1	31.61	31.06	30.17	30.95	2.35	ppb
Cadmium	111-1	37.19	37.08	37.21	37.16	0.18	ppb
Calcium	43-1	1344.74	1377.13	1388.43	1370.10	1.66	ppb
Calcium	44-1	1369.67	1383.88	1392.82	1382.12	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168.73	170.10	170.08	169.64	0.46	ppb
Cobalt	59-2	405.58	406.45	403.95	405.33	0.31	ppb
Copper	63-2	215.94	216.95	217.80	216.90	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	56-2	12238.38	12246.75	12166.47	12217.20	0.36	ppb
Iron	57-2	12789.83	12785.65	12847.06	12807.52	0.27	ppb
Iron	54-2	12899.64	12943.46	12910.41	12917.84	0.18	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:50:12	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.28	27.51	27.27	27.35	0.48	ppb
Lead	207-1	26.72	27.37	26.67	26.92	1.45	ppb
Lead	208-1	27.06	27.21	26.95	27.07	0.49	ppb
Lithium	6-1				92		%
Magnesium	24-2	2494.56	2504.46	2503.28	2500.77	0.22	ppb
Manganese	55-2	1277.68	1278.77	1272.55	1276.33	0.26	ppb
Molybdenum	94-1	2.07	1.99	2.03	2.03	1.96	ppb
Molybdenum	95-1	0.25	0.26	0.30	0.27	9.18	ppb
Molybdenum	96-1	0.50	0.53	0.53	0.52	3.30	ppb
Molybdenum	97-1	0.28	0.30	0.25	0.28	8.28	ppb
Molybdenum	98-1	0.22	0.26	0.30	0.26	14.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	422.00	419.92	415.85	419.26	0.75	ppb
Phosphorus	31-2	430.90	386.57	413.25	410.24	5.44	ppb
Potassium	39-2	1595.99	1602.72	1597.57	1598.76	0.22	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				86		%
Scandium	45-2				84		%
Selenium	82-1	74.75	74.54	76.07	75.12	1.10	ppb
Selenium	77-2	65.30	77.71	66.59	69.87	9.76	ppb
Selenium	78-2	83.77	73.32	69.96	75.68	9.51	ppb
Silicon	28-1	1259.10	1294.51	1283.21	1278.94	1.41	ppb
Silver	107-1	36.73	37.20	36.84	36.93	0.66	ppb
Silver	109-1	36.89	37.26	36.88	37.01	0.59	ppb
Sodium	23-2	33.22	34.42	35.81	34.49	3.76	ppb
Strontium	86-1	10.87	10.79	10.88	10.85	0.45	ppb
Strontium	88-1	10.81	10.88	10.92	10.87	0.51	ppb
Sulfur	34-1	-1714.28	-1731.32	-1614.77	-1686.79		ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	32.16	32.15	31.87	32.06	0.51	ppb
Thallium	205-1	31.93	32.09	31.77	31.93	0.51	ppb
Tin	118-1	0.32	0.28	0.28	0.29	7.19	ppb
Titanium	47-1	222.87	224.63	224.23	223.91	0.41	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:50:12	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.20	0.21	0.87	ppb
Vanadium	51-2	402.24	405.33	405.52	404.36	0.46	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	432.60	431.77	437.00	433.79	0.65	ppb
Zirconium	90-1	1.04	1.02	1.01	1.02	1.30	ppb
Zirconium	91-1	1.04	1.15	1.12	1.10	5.52	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:53:23	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10930.67	10623.48	10606.48	10720.21	1.70	ppb
Antimony	121-1	0.24	0.25	0.29	0.26	10.17	ppb
Arsenic	75-2	27.55	25.95	27.33	26.94	3.21	ppb
Barium	135-1	79.33	76.37	76.18	77.29	2.28	ppb
Barium	137-1	76.68	78.54	78.00	77.74	1.23	ppb
Beryllium	9-1	0.43	0.46	0.33	0.41	17.37	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.47	0.41	0.54	0.47	14.33	ppb
Cadmium	106-1	-0.82	-1.72	-2.03	-1.52		ppb
Cadmium	111-1	0.34	0.22	0.19	0.25	32.21	ppb
Calcium	43-1	3934.05	3978.01	4102.12	4004.73	2.18	ppb
Calcium	44-1	3950.60	3984.84	4062.25	3999.23	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.62	9.55	9.67	9.61	0.62	ppb
Cobalt	59-2	9.57	9.44	9.39	9.47	1.00	ppb
Copper	63-2	56.99	57.35	57.41	57.25	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				99		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	23478.50	23292.00	23308.46	23359.65	0.44	ppb
Iron	57-2	24505.40	24442.96	24496.37	24481.58	0.14	ppb
Iron	54-2	23728.46	23724.28	23479.40	23644.05	0.60	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:53:23	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.80	17.01	16.62	16.81	1.17	ppb
Lead	207-1	16.76	17.35	17.41	17.17	2.11	ppb
Lead	208-1	16.54	17.18	16.96	16.90	1.91	ppb
Lithium	6-1				92		%
Magnesium	24-2	4305.99	4261.27	4276.66	4281.31	0.53	ppb
Manganese	55-2	460.54	455.19	458.79	458.17	0.59	ppb
Molybdenum	94-1	3.05	3.15	2.95	3.05	3.18	ppb
Molybdenum	95-1	0.21	0.20	0.20	0.20	3.73	ppb
Molybdenum	96-1	0.72	0.70	0.67	0.70	3.40	ppb
Molybdenum	97-1	0.21	0.19	0.22	0.21	8.12	ppb
Molybdenum	98-1	0.19	0.21	0.20	0.20	5.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.71	12.20	13.05	12.65	3.39	ppb
Phosphorus	31-2	481.19	476.09	466.52	474.60	1.57	ppb
Potassium	39-2	1086.41	1083.03	1077.31	1082.25	0.42	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	0.16	0.14	0.00	0.10	89.25	ppb
Selenium	77-2	3.27	2.50	2.51	2.76	15.92	ppb
Selenium	78-2	0.33	0.07	-0.13	0.09	250.03	ppb
Silicon	28-1	770.52	765.95	790.71	775.72	1.70	ppb
Silver	107-1	0.15	0.13	0.14	0.14	4.90	ppb
Silver	109-1	0.16	0.13	0.13	0.14	12.14	ppb
Sodium	23-2	60.81	60.22	60.28	60.44	0.54	ppb
Strontium	86-1	15.66	15.78	15.78	15.74	0.46	ppb
Strontium	88-1	15.48	16.00	16.03	15.84	1.97	ppb
Sulfur	34-1	-1846.53	-1721.13	-1621.37	-1729.68		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.07	0.07	0.05	0.06	15.60	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	7.14	ppb
Tin	118-1	0.38	0.36	0.38	0.37	2.94	ppb
Titanium	47-1	184.93	185.42	187.03	185.79	0.59	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:53:23	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.16	0.15	0.15	1.28	ppb
Vanadium	51-2	40.64	41.12	40.82	40.86	0.59	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	85.39	83.52	85.54	84.82	1.33	ppb
Zirconium	90-1	1.62	1.64	1.68	1.65	1.64	ppb
Zirconium	91-1	2.63	1.63	1.64	1.96	29.43	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459D	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:56:55	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10706.42	10512.98	10602.18	10607.19	0.91	ppb
Antimony	121-1	0.22	0.22	0.25	0.23	8.77	ppb
Arsenic	75-2	25.83	26.69	27.29	26.60	2.75	ppb
Barium	135-1	77.38	74.63	79.16	77.06	2.96	ppb
Barium	137-1	76.91	75.96	77.58	76.81	1.06	ppb
Beryllium	9-1	0.41	0.41	0.39	0.40	3.05	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.76	0.58	0.69	0.68	13.18	ppb
Cadmium	106-1	-1.35	-2.58	-2.00	-1.97		ppb
Cadmium	111-1	0.23	0.14	0.22	0.20	24.52	ppb
Calcium	43-1	3891.38	3946.94	3928.60	3922.31	0.72	ppb
Calcium	44-1	3867.03	3934.60	3899.80	3900.48	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.67	9.86	9.84	9.79	1.09	ppb
Cobalt	59-2	9.63	9.65	9.52	9.60	0.74	ppb
Copper	63-2	36.53	36.52	37.11	36.72	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				100		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	23324.61	23198.24	23159.69	23227.51	0.37	ppb
Iron	57-2	24179.27	24253.28	24190.99	24207.84	0.16	ppb
Iron	54-2	23590.99	23462.99	23075.13	23376.37	1.15	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459D	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:56:55	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.89	16.39	16.70	16.66	1.51	ppb
Lead	207-1	16.93	17.23	16.66	16.94	1.69	ppb
Lead	208-1	16.64	16.79	16.53	16.65	0.81	ppb
Lithium	6-1				91		%
Magnesium	24-2	4247.28	4264.01	4215.65	4242.31	0.58	ppb
Manganese	55-2	454.75	452.99	453.85	453.86	0.19	ppb
Molybdenum	94-1	3.05	3.05	2.94	3.02	2.16	ppb
Molybdenum	95-1	0.17	0.19	0.15	0.17	10.66	ppb
Molybdenum	96-1	0.63	0.67	0.65	0.65	3.05	ppb
Molybdenum	97-1	0.15	0.16	0.14	0.15	6.59	ppb
Molybdenum	98-1	0.18	0.15	0.16	0.16	9.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.49	9.00	9.15	9.21	2.69	ppb
Phosphorus	31-2	474.76	462.95	474.25	470.65	1.42	ppb
Potassium	39-2	1075.50	1076.36	1074.19	1075.35	0.10	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	-0.76	-0.56	0.46	-0.29		ppb
Selenium	77-2	2.87	3.61	3.64	3.37	13.02	ppb
Selenium	78-2	2.75	-0.28	-0.80	0.56	343.13	ppb
Silicon	28-1	758.65	765.91	761.95	762.17	0.48	ppb
Silver	107-1	0.12	0.11	0.11	0.11	4.37	ppb
Silver	109-1	0.11	0.12	0.11	0.11	2.42	ppb
Sodium	23-2	56.08	55.59	58.17	56.62	2.42	ppb
Strontium	86-1	15.79	15.48	15.47	15.58	1.17	ppb
Strontium	88-1	15.54	15.74	15.57	15.61	0.68	ppb
Sulfur	34-1	-1758.10	-1669.78	-1716.96	-1714.94		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.05	0.05	0.05	5.87	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	9.15	ppb
Tin	118-1	0.26	0.25	0.26	0.26	2.43	ppb
Titanium	47-1	185.66	188.14	188.63	187.48	0.85	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459D	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:56:55	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.16	0.15	0.15	2.67	ppb
Vanadium	51-2	40.75	40.19	41.04	40.66	1.07	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	82.83	82.44	81.66	82.31	0.73	ppb
Zirconium	90-1	1.67	1.64	1.64	1.65	0.93	ppb
Zirconium	91-1	1.72	1.63	1.58	1.64	4.33	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD459L	Dilution Factor :	20
Date & Time Acquired :	2024-09-29 20:01:39	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2137.37	2102.98	2115.41	2118.59	0.82	ppb
Antimony	121-1	0.05	0.03	0.04	0.04	13.91	ppb
Arsenic	75-2	5.60	5.54	5.33	5.49	2.66	ppb
Barium	135-1	14.92	15.02	15.24	15.06	1.09	ppb
Barium	137-1	15.02	15.19	15.14	15.12	0.57	ppb
Beryllium	9-1	0.06	0.07	0.11	0.08	36.43	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.22	0.03	0.09	119.92	ppb
Cadmium	106-1	-3.31	-3.26	-3.00	-3.19		ppb
Cadmium	111-1	-0.16	-0.18	-0.12	-0.15		ppb
Calcium	43-1	772.14	802.23	787.79	787.39	1.91	ppb
Calcium	44-1	771.68	787.22	775.66	778.19	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.83	1.94	2.01	1.93	4.54	ppb
Cobalt	59-2	1.91	1.90	1.93	1.92	0.78	ppb
Copper	63-2	8.30	8.06	8.32	8.22	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	4623.91	4571.56	4513.02	4569.50	1.21	ppb
Iron	57-2	4800.70	4750.64	4726.82	4759.39	0.79	ppb
Iron	54-2	4814.13	4787.18	4721.73	4774.35	1.00	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD459L	Dilution Factor :	20
Date & Time Acquired :	2024-09-29 20:01:39	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.20	3.29	3.29	3.26	1.67	ppb
Lead	207-1	3.35	3.40	3.33	3.36	1.09	ppb
Lead	208-1	3.27	3.27	3.30	3.28	0.58	ppb
Lithium	6-1				92		%
Magnesium	24-2	834.31	822.57	828.67	828.52	0.71	ppb
Manganese	55-2	90.26	89.02	88.96	89.42	0.82	ppb
Molybdenum	94-1	0.54	0.61	0.57	0.57	6.41	ppb
Molybdenum	95-1	0.03	0.05	0.04	0.04	29.28	ppb
Molybdenum	96-1	0.14	0.13	0.14	0.14	4.58	ppb
Molybdenum	97-1	0.03	0.03	0.05	0.04	32.05	ppb
Molybdenum	98-1	0.03	0.02	0.05	0.03	33.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.88	1.87	1.92	1.89	1.21	ppb
Phosphorus	31-2	87.08	80.38	78.76	82.07	5.38	ppb
Potassium	39-2	199.33	201.36	197.13	199.28	1.06	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	-0.84	-0.34	-0.29	-0.49		ppb
Selenium	77-2	-0.11	-0.11	1.01	0.26	249.02	ppb
Selenium	78-2	1.23	-0.13	0.32	0.48	145.42	ppb
Silicon	28-1	147.62	150.64	149.42	149.22	1.02	ppb
Silver	107-1	0.03	0.02	0.02	0.02	17.88	ppb
Silver	109-1	0.02	0.02	0.02	0.02	16.64	ppb
Sodium	23-2	11.36	10.06	10.58	10.67	6.14	ppb
Strontium	86-1	3.00	2.98	3.17	3.05	3.38	ppb
Strontium	88-1	3.07	3.11	3.14	3.11	1.28	ppb
Sulfur	34-1	-1623.48	-1567.99	-1584.45	-1591.97		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.02	0.01	0.01	31.67	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	10.00	ppb
Tin	118-1	0.03	0.03	0.02	0.03	29.15	ppb
Titanium	47-1	36.61	38.34	36.69	37.21	2.62	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD459L	Dilution Factor :	20
Date & Time Acquired :	2024-09-29 20:01:39	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.04	0.03	0.03	14.52	ppb
Vanadium	51-2	8.15	8.04	7.85	8.01	1.89	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	15.74	16.62	16.47	16.28	2.87	ppb
Zirconium	90-1	0.29	0.32	0.33	0.32	7.32	ppb
Zirconium	91-1	0.27	0.32	0.32	0.31	9.43	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459S	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 20:04:57	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10874.26	10694.91	10504.35	10691.18	1.73	ppb
Antimony	121-1	14.80	14.83	15.18	14.94	1.40	ppb
Arsenic	75-2	31.90	31.78	32.61	32.10	1.39	ppb
Barium	135-1	355.06	346.80	352.70	351.52	1.21	ppb
Barium	137-1	346.14	352.28	356.00	351.48	1.42	ppb
Beryllium	9-1	7.54	7.61	7.58	7.58	0.45	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.56	6.86	7.36	7.26	4.97	ppb
Cadmium	106-1	5.18	5.67	5.43	5.43	4.46	ppb
Cadmium	111-1	7.60	7.83	7.81	7.74	1.64	ppb
Calcium	43-1	3764.92	3949.74	3935.16	3883.27	2.65	ppb
Calcium	44-1	3849.66	3911.91	3881.39	3880.99	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.55	40.56	40.24	40.45	0.45	ppb
Cobalt	59-2	87.55	86.70	86.43	86.90	0.67	ppb
Copper	63-2	73.45	73.38	72.45	73.09	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				99		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	22910.11	23062.66	22937.47	22970.08	0.35	ppb
Iron	57-2	24101.90	24080.57	23990.87	24057.78	0.24	ppb
Iron	54-2	23216.04	23424.59	22635.53	23092.05	1.77	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459S	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 20:04:57	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.92	18.94	18.86	18.91	0.24	ppb
Lead	207-1	18.97	19.67	19.27	19.30	1.81	ppb
Lead	208-1	18.71	19.42	19.18	19.10	1.90	ppb
Lithium	6-1				92		%
Magnesium	24-2	4172.41	4161.50	4142.45	4158.79	0.36	ppb
Manganese	55-2	524.42	523.97	526.02	524.80	0.21	ppb
Molybdenum	94-1	2.77	2.89	2.99	2.89	3.78	ppb
Molybdenum	95-1	0.17	0.16	0.17	0.17	2.98	ppb
Molybdenum	96-1	0.66	0.68	0.65	0.66	2.36	ppb
Molybdenum	97-1	0.22	0.20	0.20	0.20	6.78	ppb
Molybdenum	98-1	0.17	0.17	0.17	0.17	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.96	88.42	87.32	88.23	0.95	ppb
Phosphorus	31-2	456.15	463.07	486.05	468.42	3.34	ppb
Potassium	39-2	1062.05	1059.35	1051.70	1057.70	0.51	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	82-1	17.03	18.64	18.34	18.00	4.74	ppb
Selenium	77-2	26.81	20.75	19.44	22.33	17.62	ppb
Selenium	78-2	16.30	18.12	17.19	17.21	5.28	ppb
Silicon	28-1	751.64	759.28	763.62	758.18	0.80	ppb
Silver	107-1	7.50	7.49	7.68	7.56	1.42	ppb
Silver	109-1	7.27	7.66	7.69	7.54	3.15	ppb
Sodium	23-2	49.29	50.71	50.64	50.21	1.60	ppb
Strontium	86-1	15.08	15.76	15.70	15.51	2.44	ppb
Strontium	88-1	14.93	15.80	15.55	15.43	2.93	ppb
Sulfur	34-1	-1561.76	-1544.73	-1589.82	-1565.44		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	6.30	6.56	6.66	6.51	2.83	ppb
Thallium	205-1	6.38	6.64	6.58	6.54	2.07	ppb
Tin	118-1	0.24	0.21	0.45	0.30	42.36	ppb
Titanium	47-1	183.78	185.24	186.10	185.04	0.63	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459S	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 20:04:57	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.15	0.15	0.15	0.73	ppb
Vanadium	51-2	114.52	116.12	114.82	115.15	0.74	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	155.93	156.53	155.64	156.03	0.29	ppb
Zirconium	90-1	1.59	1.59	1.61	1.60	0.72	ppb
Zirconium	91-1	1.55	1.63	1.74	1.64	5.97	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459SRE	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 20:08:10	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16067.77	11153.21	11578.55	12933.18	21.05	ppb
Antimony	121-1	72.51	72.52	74.44	73.15	1.52	ppb
Arsenic	75-2	74.73	53.32	53.74	60.60	20.20	ppb
Barium	135-1	1529.07	1523.52	1569.12	1540.57	1.61	ppb
Barium	137-1	1501.51	1521.74	1548.23	1523.83	1.54	ppb
Beryllium	9-1	35.41	35.36	36.60	35.79	1.97	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.22	34.63	34.97	34.94	0.85	ppb
Cadmium	106-1	31.91	29.70	32.97	31.53	5.29	ppb
Cadmium	111-1	36.86	36.79	38.41	37.35	2.46	ppb
Calcium	43-1	3823.62	3786.77	3825.79	3812.06	0.58	ppb
Calcium	44-1	3797.73	3855.00	3882.06	3844.93	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	222.02	156.09	160.69	179.60	20.49	ppb
Cobalt	59-2	538.69	376.54	387.38	434.21	20.88	ppb
Copper	63-2	300.21	210.58	216.24	242.34	20.71	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				89		%
Indium	115-1				95		%
Indium	115-2				84		%
Iron	56-2	32289.41	22684.50	23456.59	26143.50	20.41	ppb
Iron	57-2	33697.53	23726.81	24371.46	27265.27	20.46	ppb
Iron	54-2	32624.91	22921.05	23615.45	26387.14	20.51	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459SRE	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 20:08:10	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.66	29.55	29.82	29.34	2.07	ppb
Lead	207-1	28.92	29.45	29.91	29.43	1.68	ppb
Lead	208-1	28.71	29.45	29.78	29.31	1.87	ppb
Lithium	6-1				92		%
Magnesium	24-2	5656.07	3978.68	4093.89	4576.22	20.47	ppb
Manganese	55-2	1101.44	788.96	809.26	899.89	19.43	ppb
Molybdenum	94-1	2.93	2.97	2.94	2.94	0.71	ppb
Molybdenum	95-1	0.17	0.21	0.21	0.20	11.38	ppb
Molybdenum	96-1	0.67	0.66	0.69	0.67	2.13	ppb
Molybdenum	97-1	0.17	0.16	0.18	0.17	6.81	ppb
Molybdenum	98-1	0.18	0.18	0.18	0.18	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	546.56	385.41	394.38	442.12	20.48	ppb
Phosphorus	31-2	672.23	418.15	462.65	517.68	26.21	ppb
Potassium	39-2	1472.65	1015.94	1046.73	1178.44	21.66	ppb
Rhodium	103-1				93		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				80		%
Selenium	82-1	74.25	76.63	77.49	76.12	2.20	ppb
Selenium	77-2	104.94	77.91	81.60	88.15	16.62	ppb
Selenium	78-2	101.86	72.20	76.17	83.41	19.30	ppb
Silicon	28-1	739.03	760.68	760.80	753.50	1.66	ppb
Silver	107-1	35.41	34.61	35.32	35.11	1.25	ppb
Silver	109-1	34.77	34.84	35.98	35.19	1.93	ppb
Sodium	23-2	80.55	52.82	54.39	62.59	24.89	ppb
Strontium	86-1	15.03	15.25	15.10	15.13	0.77	ppb
Strontium	88-1	15.05	15.16	15.33	15.18	0.95	ppb
Sulfur	34-1	-1558.77	-1572.97	-1492.39	-1541.37		ppb
Terbium	159-1				98		%
Terbium	159-2				89		%
Thallium	203-1	31.70	32.51	33.09	32.43	2.15	ppb
Thallium	205-1	31.50	31.88	32.40	31.93	1.42	ppb
Tin	118-1	0.26	0.21	0.25	0.24	10.66	ppb
Titanium	47-1	178.39	185.34	185.57	183.10	2.23	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459SRE	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 20:08:10	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.16	0.15	8.86	ppb
Vanadium	51-2	560.92	396.71	410.33	455.99	19.99	ppb
Yttrium	89-1				96		%
Yttrium	89-2				86		%
Zinc	66-2	625.33	441.50	456.53	507.79	20.10	ppb
Zirconium	90-1	1.56	1.59	1.58	1.58	0.83	ppb
Zirconium	91-1	1.58	1.58	1.69	1.61	4.07	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 20:11:22	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47714.45	48227.70	47972.70	47971.62	0.53	ppb
Antimony	121-1	485.50	488.90	484.76	486.39	0.45	ppb
Arsenic	75-2	499.15	508.24	510.31	505.90	1.17	ppb
Barium	135-1	2458.99	2459.57	2436.05	2451.54	0.55	ppb
Barium	137-1	2426.36	2417.05	2423.18	2422.19	0.20	ppb
Beryllium	9-1	505.77	519.26	505.85	510.29	1.52	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	499.11	498.11	493.90	497.04	0.56	ppb
Cadmium	106-1	497.17	500.89	504.49	500.85	0.73	ppb
Cadmium	111-1	486.74	492.33	490.80	489.96	0.59	ppb
Calcium	43-1	240943.59	241386.29	239063.50	240464.46	0.51	ppb
Calcium	44-1	237424.90	238777.76	237864.67	238022.44	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.71	501.38	503.95	503.01	0.28	ppb
Cobalt	59-2	498.39	494.16	501.21	497.92	0.71	ppb
Copper	63-2	5095.74	5083.16	5085.91	5088.27	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				84		%
Iron	56-2	128148.57	127421.44	128280.67	127950.23	0.36	ppb
Iron	57-2	128018.75	127206.52	130329.60	128518.29	1.26	ppb
Iron	54-2	128548.12	127399.58	128962.16	128303.29	0.63	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 20:11:22	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2515.36	2508.25	2490.57	2504.73	0.51	ppb
Lead	207-1	2513.71	2531.00	2506.72	2517.14	0.50	ppb
Lead	208-1	2512.53	2516.22	2512.45	2513.73	0.09	ppb
Lithium	6-1				90		%
Magnesium	24-2	238053.04	240860.97	239760.18	239558.06	0.59	ppb
Manganese	55-2	4986.65	4937.80	4997.73	4974.06	0.64	ppb
Molybdenum	94-1	4983.39	4932.55	5009.51	4975.15	0.79	ppb
Molybdenum	95-1	4970.62	4976.99	4989.08	4978.90	0.19	ppb
Molybdenum	96-1	4996.91	4989.21	5003.45	4996.53	0.14	ppb
Molybdenum	97-1	4958.28	4963.37	5002.82	4974.82	0.49	ppb
Molybdenum	98-1	4992.07	4977.61	4983.07	4984.25	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.54	489.19	490.43	490.06	0.15	ppb
Phosphorus	31-2	9446.71	9622.59	9504.11	9524.47	0.94	ppb
Potassium	39-2	120507.32	120538.87	120419.29	120488.49	0.05	ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				83		%
Scandium	45-2				82		%
Selenium	82-1	502.18	500.79	500.80	501.26	0.16	ppb
Selenium	77-2	528.60	505.20	504.90	512.90	2.65	ppb
Selenium	78-2	494.66	498.73	505.41	499.60	1.09	ppb
Silicon	28-1	493.21	495.96	494.49	494.56	0.28	ppb
Silver	107-1	500.84	495.14	495.62	497.20	0.64	ppb
Silver	109-1	498.12	498.37	501.06	499.18	0.33	ppb
Sodium	23-2	242625.87	244752.07	242462.91	243280.28	0.52	ppb
Strontium	86-1	12306.56	12351.58	12328.05	12328.73	0.18	ppb
Strontium	88-1	12376.80	12430.87	12398.30	12401.99	0.22	ppb
Sulfur	34-1	9931.76	9889.18	9745.71	9855.55	0.99	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	510.55	506.36	500.82	505.91	0.96	ppb
Thallium	205-1	503.05	501.77	498.14	500.99	0.51	ppb
Tin	118-1	482.52	491.59	483.32	485.81	1.03	ppb
Titanium	47-1	4969.82	5001.14	5015.41	4995.46	0.47	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 20:11:22	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	499.13	509.66	502.08	503.62	1.08	ppb
Vanadium	51-2	502.06	501.43	499.62	501.04	0.25	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%
Zinc	66-2	5239.41	5223.55	5307.52	5256.82	0.85	ppb
Zirconium	90-1	502.24	502.85	497.78	500.95	0.55	ppb
Zirconium	91-1	500.39	497.56	500.64	499.53	0.34	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 20:14:07	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.97	2.28	2.43	2.23	10.60	ppb
Antimony	121-1	0.36	0.35	0.42	0.38	9.66	ppb
Arsenic	75-2	0.03	0.01	0.02	0.02	49.31	ppb
Barium	135-1	0.06	0.05	0.07	0.06	20.86	ppb
Barium	137-1	0.08	0.07	0.06	0.07	19.53	ppb
Beryllium	9-1	0.12	0.07	0.03	0.07	58.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.02	0.00	0.06	139.33	ppb
Cadmium	106-1	-1.22	-1.82	-2.00	-1.68		ppb
Cadmium	111-1	-0.05	-0.09	-0.10	-0.08		ppb
Calcium	43-1	8.51	5.33	-0.16	4.56	96.27	ppb
Calcium	44-1	3.91	2.45	1.93	2.76	37.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	-0.03	-0.02	0.02	375.48	ppb
Cobalt	59-2	0.00	0.02	0.03	0.02	73.01	ppb
Copper	63-2	0.16	0.16	0.17	0.17	4.14	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				101		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	5.73	5.82	6.88	6.14	10.41	ppb
Iron	57-2	2.07	3.83	3.81	3.24	31.29	ppb
Iron	54-2	6.40	6.64	8.91	7.32	18.95	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 20:14:07	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.28	0.24	0.22	0.25	11.87	ppb
Lead	207-1	0.25	0.23	0.22	0.23	6.39	ppb
Lead	208-1	0.25	0.23	0.21	0.23	9.23	ppb
Lithium	6-1				97		%
Magnesium	24-2	9.54	9.76	10.93	10.08	7.40	ppb
Manganese	55-2	0.21	0.15	0.18	0.18	15.91	ppb
Molybdenum	94-1	0.47	0.39	0.39	0.42	10.42	ppb
Molybdenum	95-1	0.34	0.30	0.30	0.31	8.24	ppb
Molybdenum	96-1	0.34	0.28	0.29	0.30	9.63	ppb
Molybdenum	97-1	0.37	0.30	0.28	0.32	14.67	ppb
Molybdenum	98-1	0.34	0.28	0.29	0.31	11.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.11	-0.02	0.05	130.03	ppb
Phosphorus	31-2	-17.53	-19.16	-17.96	-18.22		ppb
Potassium	39-2	-2.81	-3.64	-3.60	-3.35		ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	-1.29	-0.77	-1.23	-1.09		ppb
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	-0.84	-0.35	-0.96	-0.72		ppb
Silicon	28-1	-1.94	-2.27	-1.99	-2.07		ppb
Silver	107-1	0.05	0.05	0.04	0.05	8.88	ppb
Silver	109-1	0.06	0.05	0.05	0.05	16.36	ppb
Sodium	23-2	21.56	20.67	21.62	21.29	2.50	ppb
Strontium	86-1	0.51	0.36	0.37	0.41	20.70	ppb
Strontium	88-1	0.54	0.39	0.38	0.44	19.59	ppb
Sulfur	34-1	-731.15	-657.66	-725.43	-704.74		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.09	0.06	0.06	0.07	21.18	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	14.32	ppb
Tin	118-1	0.08	0.08	0.13	0.10	29.00	ppb
Titanium	47-1	0.28	0.21	0.33	0.27	22.17	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 20:14:07	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.02	19.53	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	16.95	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	0.09	-0.02	0.04	0.04	153.72	ppb
Zirconium	90-1	0.09	0.09	0.10	0.09	6.28	ppb
Zirconium	91-1	0.07	0.09	0.07	0.07	13.87	ppb

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:38:55	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107	117	103	109	6.37	cps
Antimony	121-1	87	67	127	93	32.73	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	83	73	63	73	13.64	cps
Barium	137-1	163	150	133	149	10.09	cps
Beryllium	9-1	33	30	27	30	11.10	cps
Bismuth	209-1	9161588	9052471	8961189	9058416	1.11	cps
Bismuth	209-2	7047609	7082032	6965111	7031584	0.85	cps
Bromine	81-1	7755	7555	7962	7758	2.62	cps
Bromine	81-2	43	50	60	51	16.42	cps
Cadmium	108-1	7	10	3	7	50.03	cps
Cadmium	106-1	3270	3250	3194	3238	1.23	cps
Cadmium	111-1	2288	2275	2237	2266	1.18	cps
Calcium	43-1	287	277	333	299	10.12	cps
Calcium	44-1	6682	6542	6899	6707	2.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2033	2033	2090	2052	1.59	cps
Cobalt	59-2	147	127	117	130	11.75	cps
Copper	63-2	923	943	900	922	2.35	cps
Dysprosium	156-1	47	23	3	24	88.74	cps
Dysprosium	156-2	30	7	7	14	93.24	cps
Erbium	164-1	77	113	113	101	20.94	cps
Erbium	164-2	57	80	87	74	21.16	cps
Gadolinium	160-1	77	50	67	64	20.91	cps
Gadolinium	160-2	447	507	533	496	8.96	cps
Holmium	165-1	14519162	14648390	14537310	14568287	0.48	cps
Holmium	165-2	9663244	9815405	9673977	9717542	0.87	cps
Indium	115-1	11576840	11402888	11335142	11438290	1.09	cps
Indium	115-2	3768111	3790491	3714138	3757580	1.04	cps
Iron	56-2	15031	14954	14904	14963	0.43	cps
Iron	57-2	1190	1167	1120	1159	3.08	cps
Iron	54-2	1647	1540	1400	1529	8.09	cps
Krypton	83-1	157	123	117	132	16.21	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:38:55	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	313	300	263	292	8.86	cps
Lead	207-1	260	250	290	267	7.81	cps
Lead	208-1	1353	1267	1300	1307	3.35	cps
Lithium	6-1	1917827	1916445	1956976	1930416	1.19	cps
Magnesium	24-2	540	473	593	536	11.23	cps
Manganese	55-2	473	497	523	498	5.03	cps
Molybdenum	94-1	377	337	363	359	5.68	cps
Molybdenum	95-1	333	287	280	300	9.69	cps
Molybdenum	96-1	427	367	370	388	8.70	cps
Molybdenum	97-1	163	200	183	182	10.07	cps
Molybdenum	98-1	537	467	500	501	6.99	cps
Neodymium	150-1	17	13	20	17	20.01	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Nickel	60-2	517	453	523	498	7.76	cps
Phosphorus	31-2	117	107	137	120	12.73	cps
Potassium	39-2	39154	39508	39505	39389	0.52	cps
Rhodium	103-1	10763191	10595689	10717258	10692046	0.81	cps
Rhodium	103-2	5774305	5848047	5727706	5783352	1.05	cps
Scandium	45-1	6176698	6126949	6052787	6118811	1.02	cps
Scandium	45-2	506901	513517	500896	507104	1.24	cps
Selenium	82-1	445	494	480	473	5.38	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	127	177	163	156	16.64	cps
Silicon	28-1	166577	167362	165660	166533	0.51	cps
Silver	107-1	60	73	110	81	31.92	cps
Silver	109-1	30	40	33	34	14.78	cps
Sodium	23-2	8612	8279	8412	8435	1.99	cps
Strontium	86-1	203	220	237	220	7.57	cps
Strontium	88-1	280	230	240	250	10.59	cps
Sulfur	34-1	146127	147860	146117	146702	0.68	cps
Terbium	159-1	15059304	15070702	14991125	15040377	0.29	cps
Terbium	159-2	9522417	9606670	9546997	9558695	0.45	cps
Thallium	203-1	33	33	40	36	10.83	cps
Thallium	205-1	117	90	117	108	14.29	cps
Tin	118-1	900	847	933	893	4.89	cps
Titanium	47-1	87	70	87	81	11.87	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:38:55	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	33	20	29	26.64	cps
Vanadium	51-2	13	10	20	14	35.26	cps
Yttrium	89-1	12217599	12140881	12029653	12129378	0.78	cps
Yttrium	89-2	2948054	2981261	2916607	2948641	1.10	cps
Zinc	66-2	500	447	483	477	5.72	cps
Zirconium	90-1	677	613	603	631	6.30	cps
Zirconium	91-1	140	117	153	137	13.58	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:42:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2807	2957	2790	2851	3.22	cps
Antimony	121-1	14044	14708	13990	14247	2.81	cps
Arsenic	75-2	420	297	387	368	17.35	cps
Barium	135-1	18258	18712	18272	18414	1.40	cps
Barium	137-1	31779	31288	30957	31341	1.32	cps
Beryllium	9-1	1351	1197	1254	1267	6.11	cps
Bismuth	209-1	9132097	8970534	8996882	9033171	0.96	cps
Bismuth	209-2	7043821	6920968	6937347	6967379	0.96	cps
Bromine	81-1	7845	7672	7632	7717	1.47	cps
Bromine	81-2	33	33	43	37	15.75	cps
Cadmium	108-1	157	117	163	146	17.34	cps
Cadmium	106-1	3607	3397	3454	3486	3.12	cps
Cadmium	111-1	4235	4130	4113	4160	1.59	cps
Calcium	43-1	10020	9973	9773	9922	1.32	cps
Calcium	44-1	161991	162083	162254	162109	0.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7412	6972	6905	7096	3.88	cps
Cobalt	59-2	4014	4271	4157	4147	3.10	cps
Copper	63-2	6325	5995	6111	6144	2.72	cps
Dysprosium	156-1	27	40	13	27	50.01	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	123	103	120	116	9.27	cps
Erbium	164-2	53	60	53	56	6.93	cps
Gadolinium	160-1	63	70	67	67	5.00	cps
Gadolinium	160-2	577	573	580	577	0.58	cps
Holmium	165-1	14657311	14520096	14538149	14571852	0.51	cps
Holmium	165-2	9612651	9583752	9567472	9587958	0.24	cps
Indium	115-1	11348815	11383209	11479270	11403765	0.59	cps
Indium	115-2	3787470	3735278	3649921	3724223	1.86	cps
Iron	56-2	131250	130503	130228	130660	0.40	cps
Iron	57-2	4247	4024	3917	4063	4.15	cps
Iron	54-2	8269	8296	7922	8162	2.55	cps
Krypton	83-1	90	123	153	122	25.92	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:42:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5331	5298	5051	5227	2.93	cps
Lead	207-1	4574	4624	4641	4613	0.75	cps
Lead	208-1	21474	21377	20973	21275	1.25	cps
Lithium	6-1	1944773	1944859	1963812	1951148	0.56	cps
Magnesium	24-2	122160	119469	119607	120412	1.26	cps
Manganese	55-2	2570	2677	2677	2641	2.33	cps
Molybdenum	94-1	14120	14267	14330	14239	0.76	cps
Molybdenum	95-1	17464	17417	17190	17357	0.84	cps
Molybdenum	96-1	19670	19069	19320	19353	1.56	cps
Molybdenum	97-1	11028	10851	10874	10917	0.88	cps
Molybdenum	98-1	27953	28538	28545	28345	1.20	cps
Neodymium	150-1	3	7	20	10	88.20	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	1340	1420	1423	1395	3.38	cps
Phosphorus	31-2	337	357	313	336	6.46	cps
Potassium	39-2	190775	188764	186929	188823	1.02	cps
Rhodium	103-1	10666693	10687589	10656710	10670331	0.15	cps
Rhodium	103-2	5770410	5692791	5716880	5726694	0.69	cps
Scandium	45-1	6124987	6088382	6089265	6100878	0.34	cps
Scandium	45-2	503460	503470	498079	501670	0.62	cps
Selenium	82-1	1064	1046	1042	1051	1.15	cps
Selenium	77-2	60	40	53	51	19.92	cps
Selenium	78-2	347	337	273	319	12.47	cps
Silicon	28-1	181962	180410	184114	182162	1.02	cps
Silver	107-1	8533	8406	8523	8487	0.83	cps
Silver	109-1	7515	8089	8142	7916	4.39	cps
Sodium	23-2	197377	196361	197600	197113	0.34	cps
Strontium	86-1	2460	2450	2580	2497	2.90	cps
Strontium	88-1	19513	20211	19914	19879	1.76	cps
Sulfur	34-1	150691	149095	147466	149084	1.08	cps
Terbium	159-1	15065068	14969794	14990881	15008581	0.33	cps
Terbium	159-2	9610688	9429434	9376332	9472151	1.30	cps
Thallium	203-1	6198	5878	6115	6064	2.74	cps
Thallium	205-1	14331	14621	14298	14417	1.23	cps
Tin	118-1	29570	29233	29490	29431	0.60	cps
Titanium	47-1	4204	4367	4307	4293	1.93	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:42:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18927	19030	18376	18778	1.87	cps
Vanadium	51-2	11191	10977	11424	11198	2.00	cps
Yttrium	89-1	12189543	12102523	12000342	12097469	0.78	cps
Yttrium	89-2	2926584	2940587	2899914	2922362	0.71	cps
Zinc	66-2	2714	2694	2917	2775	4.45	cps
Zirconium	90-1	12212	12035	12155	12134	0.74	cps
Zirconium	91-1	2600	2750	2550	2634	3.95	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:45:31	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145485	146060	145723	145756	0.20	cps
Antimony	121-1	358102	363533	361456	361030	0.76	cps
Arsenic	75-2	17083	17253	17157	17164	0.50	cps
Barium	135-1	477300	475805	471714	474940	0.61	cps
Barium	137-1	821706	824431	827808	824648	0.37	cps
Beryllium	9-1	64817	66485	65767	65689	1.27	cps
Bismuth	209-1	8854881	8965414	9102711	8974335	1.38	cps
Bismuth	209-2	6946400	6956265	6957431	6953365	0.09	cps
Bromine	81-1	7909	7552	7589	7683	2.55	cps
Bromine	81-2	37	53	23	38	39.79	cps
Cadmium	108-1	6685	6938	6855	6826	1.89	cps
Cadmium	106-1	13506	12989	12799	13098	2.79	cps
Cadmium	111-1	96439	96024	95269	95910	0.62	cps
Calcium	43-1	109713	112160	112086	111320	1.25	cps
Calcium	44-1	1617421	1640198	1603499	1620373	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130310	129036	129416	129587	0.50	cps
Cobalt	59-2	194972	194661	194283	194639	0.18	cps
Copper	63-2	1413075	1406069	1391654	1403599	0.78	cps
Dysprosium	156-1	23	30	27	27	12.51	cps
Dysprosium	156-2	20	27	37	28	30.20	cps
Erbium	164-1	107	127	90	108	17.03	cps
Erbium	164-2	53	40	67	53	25.00	cps
Gadolinium	160-1	87	60	67	71	19.52	cps
Gadolinium	160-2	453	513	483	483	6.21	cps
Holmium	165-1	14639202	14481779	14470666	14530549	0.65	cps
Holmium	165-2	9566309	9688236	9661243	9638596	0.66	cps
Indium	115-1	11567234	11376701	11177828	11373921	1.71	cps
Indium	115-2	3660841	3678665	3633419	3657642	0.62	cps
Iron	56-2	5605650	5613379	5565261	5594763	0.46	cps
Iron	57-2	150081	149582	148505	149390	0.54	cps
Iron	54-2	329683	328152	325770	327869	0.60	cps
Krypton	83-1	127	137	120	128	6.57	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:45:31	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1304790	1300944	1303351	1303028	0.15	cps
Lead	207-1	1139589	1135049	1141173	1138604	0.28	cps
Lead	208-1	5489766	5513946	5506872	5503528	0.23	cps
Lithium	6-1	1971665	1995932	1987993	1985197	0.62	cps
Magnesium	24-2	1169261	1166037	1155934	1163744	0.60	cps
Manganese	55-2	980184	982260	972370	978271	0.53	cps
Molybdenum	94-1	1276186	1297373	1294662	1289407	0.89	cps
Molybdenum	95-1	1880583	1865965	1874299	1873616	0.39	cps
Molybdenum	96-1	2056960	2096521	2021000	2058160	1.84	cps
Molybdenum	97-1	1175844	1178799	1171910	1175518	0.29	cps
Molybdenum	98-1	3036066	3008589	3048030	3030895	0.67	cps
Neodymium	150-1	47	53	30	43	27.73	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	51511	49511	50602	50542	1.98	cps
Phosphorus	31-2	8022	7742	7719	7828	2.16	cps
Potassium	39-2	820515	814427	812506	815816	0.51	cps
Rhodium	103-1	10631270	10536667	10561546	10576494	0.46	cps
Rhodium	103-2	5621593	5608873	5683457	5637975	0.71	cps
Scandium	45-1	6065820	6124790	6030532	6073714	0.78	cps
Scandium	45-2	495082	494705	498389	496059	0.41	cps
Selenium	82-1	5751	5931	5752	5811	1.79	cps
Selenium	77-2	507	493	443	481	6.94	cps
Selenium	78-2	1930	1763	1757	1817	5.41	cps
Silicon	28-1	533036	541835	543407	539426	1.04	cps
Silver	107-1	451254	462358	455910	456507	1.22	cps
Silver	109-1	430163	435946	437323	434477	0.87	cps
Sodium	23-2	1856469	1866897	1865310	1862892	0.30	cps
Strontium	86-1	2850324	2912056	2875889	2879423	1.08	cps
Strontium	88-1	24962910	25386765	25194557	25181411	0.84	cps
Sulfur	34-1	175873	176068	175286	175742	0.23	cps
Terbium	159-1	15221500	14893371	15077819	15064230	1.09	cps
Terbium	159-2	9516991	9399484	9407446	9441307	0.70	cps
Thallium	203-1	323341	319855	324915	322704	0.80	cps
Thallium	205-1	748632	766553	761782	758989	1.22	cps
Tin	118-1	304877	303794	308193	305621	0.75	cps
Titanium	47-1	453622	457675	453176	454824	0.55	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:45:31	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1007687	990877	1010635	1003066	1.06	cps
Vanadium	51-2	113617	114010	112653	113426	0.62	cps
Yttrium	89-1	11946350	12147631	11973444	12022475	0.91	cps
Yttrium	89-2	2882960	2874010	2861099	2872690	0.38	cps
Zinc	66-2	234763	235055	234283	234700	0.17	cps
Zirconium	90-1	602399	607326	598610	602778	0.73	cps
Zirconium	91-1	134257	135216	135475	134983	0.48	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:48:39	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	357070	353934	357357	356120	0.53	cps
Antimony	121-1	902042	902764	901666	902157	0.06	cps
Arsenic	75-2	40920	41414	42120	41485	1.45	cps
Barium	135-1	1191208	1188923	1189774	1189968	0.10	cps
Barium	137-1	2145742	2143859	2159839	2149814	0.41	cps
Beryllium	9-1	161771	164657	163421	163283	0.89	cps
Bismuth	209-1	9197759	9095760	9104459	9132659	0.62	cps
Bismuth	209-2	6830852	6980719	6859177	6890250	1.16	cps
Bromine	81-1	7365	7072	7329	7255	2.20	cps
Bromine	81-2	43	37	37	39	9.89	cps
Cadmium	108-1	16500	17053	17344	16966	2.53	cps
Cadmium	106-1	26958	27326	27022	27102	0.72	cps
Cadmium	111-1	233247	233488	234326	233687	0.24	cps
Calcium	43-1	273299	273218	273349	273289	0.02	cps
Calcium	44-1	3932692	3933827	3940675	3935731	0.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	314345	312108	309620	312025	0.76	cps
Cobalt	59-2	475689	478466	472124	475426	0.67	cps
Copper	63-2	3470565	3386720	3401025	3419437	1.31	cps
Dysprosium	156-1	40	50	30	40	25.00	cps
Dysprosium	156-2	90	47	67	68	32.00	cps
Erbium	164-1	100	117	113	110	8.02	cps
Erbium	164-2	67	57	83	69	19.55	cps
Gadolinium	160-1	90	70	70	77	15.06	cps
Gadolinium	160-2	507	563	517	529	5.72	cps
Holmium	165-1	14708515	14814734	14769059	14764103	0.36	cps
Holmium	165-2	9681449	9712980	9564841	9653090	0.81	cps
Indium	115-1	11357777	11327349	11308387	11331171	0.22	cps
Indium	115-2	3568533	3636215	3574194	3592981	1.05	cps
Iron	56-2	13969396	13586829	13615764	13723996	1.55	cps
Iron	57-2	371019	363286	360866	365057	1.45	cps
Iron	54-2	800475	800019	804445	801646	0.30	cps
Krypton	83-1	110	97	147	118	21.98	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:48:39	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3625620	3598318	3638216	3620718	0.56	cps
Lead	207-1	3217733	3218657	3253014	3229801	0.62	cps
Lead	208-1	14511517	14484032	14613998	14536516	0.47	cps
Lithium	6-1	1984136	1988090	2022878	1998368	1.07	cps
Magnesium	24-2	2765783	2712456	2772667	2750302	1.20	cps
Manganese	55-2	2362641	2359190	2351111	2357647	0.25	cps
Molybdenum	94-1	3181433	3214979	3186886	3194433	0.56	cps
Molybdenum	95-1	4668642	4635977	4600853	4635157	0.73	cps
Molybdenum	96-1	5127142	5131688	5061149	5106659	0.77	cps
Molybdenum	97-1	2949056	2894896	2957245	2933732	1.15	cps
Molybdenum	98-1	7546723	7526213	7544406	7539114	0.15	cps
Neodymium	150-1	80	97	63	80	20.84	cps
Neodymium	150-2	17	20	17	18	10.81	cps
Nickel	60-2	120963	119299	121017	120426	0.81	cps
Phosphorus	31-2	18845	18768	18485	18699	1.02	cps
Potassium	39-2	1813949	1859522	1806722	1826731	1.57	cps
Rhodium	103-1	10424063	10242981	10293265	10320103	0.91	cps
Rhodium	103-2	5488567	5524798	5428686	5480684	0.89	cps
Scandium	45-1	6040104	5876098	5982857	5966353	1.40	cps
Scandium	45-2	482911	487556	486916	485794	0.52	cps
Selenium	82-1	13810	13885	13566	13754	1.21	cps
Selenium	77-2	1213	1217	1220	1217	0.27	cps
Selenium	78-2	4304	4241	4304	4283	0.85	cps
Silicon	28-1	1082029	1091033	1095496	1089519	0.63	cps
Silver	107-1	1130154	1124162	1125597	1126638	0.28	cps
Silver	109-1	1068269	1069702	1070776	1069582	0.12	cps
Sodium	23-2	4537260	4536198	4541119	4538192	0.06	cps
Strontium	86-1	7064590	7126490	7104330	7098470	0.44	cps
Strontium	88-1	62715802	63031057	62265581	62670814	0.61	cps
Sulfur	34-1	206400	204999	204698	205366	0.44	cps
Terbium	159-1	15197427	15136496	15274958	15202960	0.46	cps
Terbium	159-2	9421022	9507170	9521234	9483142	0.57	cps
Thallium	203-1	808813	811284	814127	811408	0.33	cps
Thallium	205-1	2109107	2113211	2142350	2121556	0.85	cps
Tin	118-1	755250	753207	758884	755780	0.38	cps
Titanium	47-1	1121388	1118176	1115668	1118411	0.26	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:48:39	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2930542	2911586	2935681	2925936	0.43	cps
Vanadium	51-2	279857	276560	276252	277556	0.72	cps
Yttrium	89-1	11948534	11871719	11956245	11925500	0.39	cps
Yttrium	89-2	2891567	2844014	2828837	2854806	1.15	cps
Zinc	66-2	573606	572147	566432	570728	0.66	cps
Zirconium	90-1	1506436	1493860	1487053	1495783	0.66	cps
Zirconium	91-1	336250	336128	335220	335866	0.17	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:51:39	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	691188	690285	687285	689586	0.30	cps
Antimony	121-1	1861815	1867774	1838128	1855906	0.84	cps
Arsenic	75-2	81163	80627	80259	80683	0.56	cps
Barium	135-1	2476568	2490857	2498946	2488790	0.46	cps
Barium	137-1	4255125	4252416	4328088	4278543	1.00	cps
Beryllium	9-1	315434	322050	319720	319068	1.05	cps
Bismuth	209-1	9109100	9178237	9067476	9118271	0.61	cps
Bismuth	209-2	6885900	6746501	6875431	6835944	1.14	cps
Bromine	81-1	7082	6975	7168	7075	1.37	cps
Bromine	81-2	33	43	43	40	14.43	cps
Cadmium	108-1	33178	33809	33291	33426	1.01	cps
Cadmium	106-1	50330	50574	50564	50490	0.27	cps
Cadmium	111-1	452988	456423	453217	454209	0.42	cps
Calcium	43-1	531263	532773	527852	530629	0.48	cps
Calcium	44-1	7617688	7682013	7613041	7637581	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	601895	599879	592611	598129	0.82	cps
Cobalt	59-2	913851	907482	901906	907746	0.66	cps
Copper	63-2	6552783	6460540	6446601	6486642	0.89	cps
Dysprosium	156-1	87	40	53	60	40.07	cps
Dysprosium	156-2	127	113	157	132	16.78	cps
Erbium	164-1	140	110	117	122	12.89	cps
Erbium	164-2	77	93	90	87	10.17	cps
Gadolinium	160-1	100	77	43	73	38.84	cps
Gadolinium	160-2	533	500	550	528	4.82	cps
Holmium	165-1	14862124	14944896	14916473	14907831	0.28	cps
Holmium	165-2	9711607	9534359	9611908	9619291	0.92	cps
Indium	115-1	11295949	11326642	11225288	11282626	0.46	cps
Indium	115-2	3538320	3521090	3534605	3531339	0.26	cps
Iron	56-2	26548533	26707259	26359757	26538516	0.66	cps
Iron	57-2	705294	704748	697323	702455	0.63	cps
Iron	54-2	1474223	1462184	1454386	1463598	0.68	cps
Krypton	83-1	90	117	123	110	16.04	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:51:39	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7179821	7147673	7236785	7188093	0.63	cps
Lead	207-1	6386543	6426106	6395002	6402550	0.33	cps
Lead	208-1	28871964	28935110	29028964	28945346	0.27	cps
Lithium	6-1	1985679	2026800	2025975	2012818	1.17	cps
Magnesium	24-2	5370010	5360744	5343697	5358150	0.25	cps
Manganese	55-2	4572788	4511963	4467544	4517432	1.17	cps
Molybdenum	94-1	6242673	6261968	6237498	6247380	0.21	cps
Molybdenum	95-1	9049345	9198314	9082813	9110157	0.86	cps
Molybdenum	96-1	9956651	9906628	9968977	9944085	0.33	cps
Molybdenum	97-1	5753177	5691468	5748402	5731016	0.60	cps
Molybdenum	98-1	14756105	14784979	14791388	14777491	0.13	cps
Neodymium	150-1	133	163	170	156	12.55	cps
Neodymium	150-2	23	43	20	29	43.68	cps
Nickel	60-2	231019	230446	227682	229716	0.78	cps
Phosphorus	31-2	35464	36196	35899	35853	1.03	cps
Potassium	39-2	3497154	3439224	3443449	3459942	0.93	cps
Rhodium	103-1	10242894	10182679	10088515	10171363	0.76	cps
Rhodium	103-2	5415896	5341014	5374665	5377192	0.70	cps
Scandium	45-1	5864873	5832487	5790486	5829282	0.64	cps
Scandium	45-2	475186	471831	472576	473198	0.37	cps
Selenium	82-1	26565	26552	26137	26418	0.92	cps
Selenium	77-2	2277	2354	2327	2319	1.68	cps
Selenium	78-2	8206	7829	8069	8034	2.37	cps
Silicon	28-1	1864027	1881852	1865587	1870488	0.53	cps
Silver	107-1	2264138	2260047	2255718	2259968	0.19	cps
Silver	109-1	2167234	2140688	2122704	2143542	1.05	cps
Sodium	23-2	8892030	8843300	8748355	8827895	0.83	cps
Strontium	86-1	13912782	14093298	13987816	13997965	0.65	cps
Strontium	88-1	122680958	123783308	123788438	123417568	0.52	cps
Sulfur	34-1	256817	256905	257573	257098	0.16	cps
Terbium	159-1	15393347	15545479	15243581	15394136	0.98	cps
Terbium	159-2	9450708	9465823	9413905	9443479	0.28	cps
Thallium	203-1	1616655	1639823	1634719	1630399	0.75	cps
Thallium	205-1	4245609	4209461	4253886	4236319	0.56	cps
Tin	118-1	1498626	1495015	1495406	1496349	0.13	cps
Titanium	47-1	2145389	2154089	2122763	2140747	0.76	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:51:39	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5849056	5884767	5908389	5880737	0.51	cps
Vanadium	51-2	541136	532700	533982	535940	0.85	cps
Yttrium	89-1	11850234	11857928	11877393	11861851	0.12	cps
Yttrium	89-2	2829864	2799526	2804710	2811367	0.58	cps
Zinc	66-2	1103030	1100580	1093613	1099074	0.44	cps
Zirconium	90-1	2912017	2956727	2986763	2951836	1.27	cps
Zirconium	91-1	661519	659699	659618	660279	0.16	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:54:28	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1315496	1303455	1291827	1303593	0.91	cps
Antimony	121-1	3585073	3623563	3608735	3605790	0.54	cps
Arsenic	75-2	156683	157259	156128	156690	0.36	cps
Barium	135-1	4871607	4927066	4864145	4887606	0.70	cps
Barium	137-1	8422602	8510194	8448047	8460281	0.53	cps
Beryllium	9-1	617745	623027	622429	621067	0.47	cps
Bismuth	209-1	8980024	9047788	9085583	9037798	0.59	cps
Bismuth	209-2	6789332	6779051	6818864	6795749	0.30	cps
Bromine	81-1	6491	6642	6385	6506	1.98	cps
Bromine	81-2	70	30	50	50	40.00	cps
Cadmium	108-1	63866	63890	64154	63970	0.25	cps
Cadmium	106-1	93116	94830	94612	94186	0.99	cps
Cadmium	111-1	873428	888457	882274	881386	0.86	cps
Calcium	43-1	1016629	1021827	1020492	1019649	0.26	cps
Calcium	44-1	14755045	14735499	14750533	14747025	0.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1165212	1156452	1158847	1160170	0.39	cps
Cobalt	59-2	1743112	1755558	1720688	1739786	1.02	cps
Copper	63-2	12649022	12587951	12438244	12558406	0.86	cps
Dysprosium	156-1	97	90	87	91	5.59	cps
Dysprosium	156-2	217	187	187	197	8.81	cps
Erbium	164-1	70	153	157	127	38.77	cps
Erbium	164-2	87	90	70	82	13.03	cps
Gadolinium	160-1	117	110	93	107	11.27	cps
Gadolinium	160-2	520	550	527	532	2.96	cps
Holmium	165-1	14872895	14951359	15006470	14943575	0.45	cps
Holmium	165-2	9874787	9791633	9756424	9807615	0.62	cps
Indium	115-1	10893928	10899491	10891604	10895008	0.04	cps
Indium	115-2	3482130	3441167	3449039	3457445	0.63	cps
Iron	56-2	51493074	51397589	50800496	51230386	0.73	cps
Iron	57-2	1352354	1364403	1353721	1356826	0.49	cps
Iron	54-2	2837864	2843766	2845713	2842448	0.14	cps
Krypton	83-1	140	137	123	133	6.62	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:54:28	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14363966	14573984	14655054	14531001	1.03	cps
Lead	207-1	12801504	12922669	12890850	12871674	0.49	cps
Lead	208-1	57766497	58610504	58733263	58370088	0.90	cps
Lithium	6-1	1987018	1987575	1998086	1990893	0.31	cps
Magnesium	24-2	10420888	10347573	10397842	10388768	0.36	cps
Manganese	55-2	8847922	8726412	8725422	8766585	0.80	cps
Molybdenum	94-1	12314874	12330954	12267567	12304465	0.27	cps
Molybdenum	95-1	17847841	17878507	17978240	17901529	0.38	cps
Molybdenum	96-1	19592202	19598701	19619856	19603587	0.07	cps
Molybdenum	97-1	11213269	11189127	11298612	11233669	0.51	cps
Molybdenum	98-1	29052814	29023132	29165225	29080390	0.26	cps
Neodymium	150-1	313	257	227	266	16.57	cps
Neodymium	150-2	43	53	37	44	18.87	cps
Nickel	60-2	440134	439431	437788	439117	0.27	cps
Phosphorus	31-2	70066	69085	69393	69515	0.72	cps
Potassium	39-2	6740591	6661120	6627594	6676435	0.87	cps
Rhodium	103-1	9777811	9785952	9781373	9781712	0.04	cps
Rhodium	103-2	5329382	5194513	5191109	5238335	1.51	cps
Scandium	45-1	5631736	5627000	5601900	5620212	0.29	cps
Scandium	45-2	466260	462402	460217	462960	0.66	cps
Selenium	82-1	50327	50474	50175	50325	0.30	cps
Selenium	77-2	4587	4697	4657	4647	1.20	cps
Selenium	78-2	15398	15368	15442	15403	0.24	cps
Silicon	28-1	3370036	3393261	3401353	3388217	0.48	cps
Silver	107-1	4308760	4331220	4329322	4323101	0.29	cps
Silver	109-1	4133385	4106459	4105461	4115102	0.38	cps
Sodium	23-2	17377699	17127199	17076332	17193743	0.94	cps
Strontium	86-1	27257092	27308776	27433951	27333273	0.33	cps
Strontium	88-1	240522463	240347563	239387183	240085736	0.25	cps
Sulfur	34-1	361106	360114	358056	359758	0.43	cps
Terbium	159-1	15255974	15207004	15165657	15209545	0.30	cps
Terbium	159-2	9497519	9494158	9439367	9477015	0.34	cps
Thallium	203-1	3629053	3604815	3663536	3632468	0.81	cps
Thallium	205-1	8474370	8592242	8667134	8577915	1.13	cps
Tin	118-1	2994184	3060157	3010471	3021604	1.14	cps
Titanium	47-1	4074589	4122435	4094467	4097164	0.59	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:54:28	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11813509	11957196	12194756	11988487	1.61	cps
Vanadium	51-2	1047578	1040451	1040719	1042916	0.39	cps
Yttrium	89-1	11661831	11682747	11616430	11653669	0.29	cps
Yttrium	89-2	2757483	2754940	2748534	2753652	0.17	cps
Zinc	66-2	2108178	2122580	2102590	2111116	0.49	cps
Zirconium	90-1	5738520	5746765	5778199	5754495	0.36	cps
Zirconium	91-1	1287868	1299596	1294414	1293959	0.45	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:57:17	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2663054	2614397	2627784	2635078	0.95	cps
Antimony	121-1	7319808	7301829	7325783	7315807	0.17	cps
Arsenic	75-2	320479	319182	318609	319423	0.30	cps
Barium	135-1	9803979	9927132	9983789	9904967	0.93	cps
Barium	137-1	17123384	17326538	17193049	17214324	0.60	cps
Beryllium	9-1	1166759	1155787	1169568	1164038	0.63	cps
Bismuth	209-1	9187208	9265024	9343818	9265350	0.85	cps
Bismuth	209-2	6928689	6854057	6737739	6840162	1.41	cps
Bromine	81-1	6565	6862	6832	6753	2.42	cps
Bromine	81-2	30	53	30	38	35.66	cps
Cadmium	108-1	126042	130033	128160	128078	1.56	cps
Cadmium	106-1	182376	185346	185893	184538	1.03	cps
Cadmium	111-1	1788065	1789481	1791154	1789567	0.09	cps
Calcium	43-1	1978760	1963820	1964144	1968908	0.43	cps
Calcium	44-1	29892285	29850300	29848519	29863701	0.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2336090	2270854	2299900	2302281	1.42	cps
Cobalt	59-2	3552439	3551139	3535901	3546493	0.26	cps
Copper	63-2	25206115	24981172	25127777	25105022	0.45	cps
Dysprosium	156-1	160	190	170	173	8.81	cps
Dysprosium	156-2	480	457	387	441	11.01	cps
Erbium	164-1	210	160	190	187	13.48	cps
Erbium	164-2	133	123	107	121	11.12	cps
Gadolinium	160-1	157	133	160	150	9.68	cps
Gadolinium	160-2	500	517	523	513	2.34	cps
Holmium	165-1	15350137	15399434	15302976	15350849	0.31	cps
Holmium	165-2	10018007	9886586	9684652	9863082	1.70	cps
Indium	115-1	11064492	11077361	11068763	11070205	0.06	cps
Indium	115-2	3495432	3500412	3472048	3489297	0.43	cps
Iron	56-2	104894688	103882868	104530182	104435913	0.49	cps
Iron	57-2	2632050	2619906	2643306	2631754	0.44	cps
Iron	54-2	5770093	5718597	5728516	5739069	0.48	cps
Krypton	83-1	143	123	120	129	9.79	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:57:17	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	29410625	29730874	29862810	29668103	0.78	cps
Lead	207-1	25848380	25973636	26214557	26012191	0.72	cps
Lead	208-1	117013444	118485857	119205328	118234877	0.94	cps
Lithium	6-1	1989118	2022900	2002104	2004707	0.85	cps
Magnesium	24-2	21308865	21271907	21121828	21234200	0.47	cps
Manganese	55-2	18059291	17863383	17912027	17944900	0.57	cps
Molybdenum	94-1	24540815	25073631	25091130	24901859	1.26	cps
Molybdenum	95-1	35768829	36452454	36319453	36180245	1.00	cps
Molybdenum	96-1	39284201	39589372	39907272	39593615	0.79	cps
Molybdenum	97-1	22562250	22711746	22792033	22688676	0.51	cps
Molybdenum	98-1	58343396	58979934	59390201	58904510	0.90	cps
Neodymium	150-1	523	527	567	539	4.47	cps
Neodymium	150-2	110	127	127	121	7.95	cps
Nickel	60-2	882839	875114	878047	878667	0.44	cps
Phosphorus	31-2	141288	139350	141258	140632	0.79	cps
Potassium	39-2	13659612	13642821	13582274	13628236	0.30	cps
Rhodium	103-1	9801444	9880870	9810515	9830943	0.44	cps
Rhodium	103-2	5316521	5293098	5229901	5279840	0.85	cps
Scandium	45-1	5785554	5794635	5774763	5784984	0.17	cps
Scandium	45-2	481407	476204	471835	476482	1.01	cps
Selenium	82-1	99536	100595	101049	100393	0.77	cps
Selenium	77-2	9400	9070	9040	9170	2.18	cps
Selenium	78-2	30902	31103	30121	30708	1.69	cps
Silicon	28-1	6461207	6512629	6528920	6500919	0.54	cps
Silver	107-1	8545368	8598339	8665167	8602958	0.70	cps
Silver	109-1	8125064	8143249	8214767	8161027	0.58	cps
Sodium	23-2	35469111	35475165	35182896	35375724	0.47	cps
Strontium	86-1	55285636	55414606	55944746	55548329	0.63	cps
Strontium	88-1	488113499	491239166	490646219	489999628	0.34	cps
Sulfur	34-1	599530	609181	610873	606528	1.01	cps
Terbium	159-1	15740496	15729530	15563485	15677837	0.63	cps
Terbium	159-2	9774067	9747028	9707070	9742722	0.35	cps
Thallium	203-1	7300044	7355204	7548379	7401209	1.76	cps
Thallium	205-1	17470246	17482819	17565193	17506086	0.29	cps
Tin	118-1	6081986	6142335	6170967	6131763	0.74	cps
Titanium	47-1	8197917	8312380	8281338	8263878	0.72	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 15:57:17	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24490148	24818290	24799417	24702618	0.75	cps
Vanadium	51-2	2099544	2095720	2078035	2091099	0.55	cps
Yttrium	89-1	11984986	11867905	11976867	11943253	0.55	cps
Yttrium	89-2	2880009	2811850	2840640	2844166	1.20	cps
Zinc	66-2	4256734	4240167	4235281	4244060	0.26	cps
Zirconium	90-1	11629393	11569159	11812924	11670492	1.09	cps
Zirconium	91-1	2565751	2568998	2614639	2583129	1.06	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:00:03	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13352667	13205497	13222165	13260110	0.61	cps
Antimony	121-1	5291	5481	5795	5522	4.60	cps
Arsenic	75-2	153	193	190	179	12.41	cps
Barium	135-1	3821	3877	3847	3848	0.74	cps
Barium	137-1	6485	6381	6455	6440	0.83	cps
Beryllium	9-1	255	291	248	265	8.78	cps
Bismuth	209-1	8121134	7977261	7213273	7770556	6.28	cps
Bismuth	209-2	6080163	6040038	6026843	6049015	0.46	cps
Bromine	81-1	7555	7412	7249	7405	2.07	cps
Bromine	81-2	53	57	37	49	21.91	cps
Cadmium	108-1	67	63	63	64	2.99	cps
Cadmium	106-1	3140	3254	2794	3063	7.83	cps
Cadmium	111-1	2472	2543	2188	2401	7.83	cps
Calcium	43-1	8540325	8572879	8684050	8599085	0.88	cps
Calcium	44-1	138730251	139049941	139943951	139241381	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10307	10477	10510	10432	1.05	cps
Cobalt	59-2	9520	9493	9480	9498	0.21	cps
Copper	63-2	5611	5738	5835	5728	1.96	cps
Dysprosium	156-1	277	353	277	302	14.65	cps
Dysprosium	156-2	240	220	280	247	12.39	cps
Erbium	164-1	280	287	250	272	7.18	cps
Erbium	164-2	203	213	233	217	7.05	cps
Gadolinium	160-1	303	277	307	296	5.56	cps
Gadolinium	160-2	663	647	580	630	7.00	cps
Holmium	165-1	14372072	14225459	13077542	13891691	5.10	cps
Holmium	165-2	9565432	9317861	9343234	9408842	1.45	cps
Indium	115-1	10361037	10238159	9409401	10002866	5.17	cps
Indium	115-2	3364996	3312153	3368458	3348536	0.94	cps
Iron	56-2	501869339	497479833	502862313	500737161	0.57	cps
Iron	57-2	12389703	12397554	12495707	12427655	0.48	cps
Iron	54-2	27325698	27220010	27025210	27190306	0.56	cps
Krypton	83-1	153	133	160	149	9.32	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:00:03	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7435	7289	7365	7363	1.00	cps
Lead	207-1	6348	6018	6468	6278	3.71	cps
Lead	208-1	29623	28859	29062	29181	1.36	cps
Lithium	6-1	1902410	1898649	1716394	1839151	5.78	cps
Magnesium	24-2	105006502	103543612	104981372	104510495	0.80	cps
Manganese	55-2	9470	9360	9586	9472	1.20	cps
Molybdenum	94-1	7179	6882	7262	7107	2.81	cps
Molybdenum	95-1	7165	7142	7382	7230	1.83	cps
Molybdenum	96-1	15288	14788	15068	15048	1.67	cps
Molybdenum	97-1	4474	4677	4564	4572	2.23	cps
Molybdenum	98-1	11558	11008	11204	11257	2.48	cps
Neodymium	150-1	170	167	157	164	4.22	cps
Neodymium	150-2	110	123	80	104	21.25	cps
Nickel	60-2	4257	4047	4094	4133	2.67	cps
Phosphorus	31-2	197	150	157	168	15.04	cps
Potassium	39-2	67447152	66789172	67403854	67213393	0.55	cps
Rhodium	103-1	9021954	8783290	7976659	8593968	6.37	cps
Rhodium	103-2	4862140	4772731	4786381	4807084	1.00	cps
Scandium	45-1	5684163	5621716	5142731	5482870	5.40	cps
Scandium	45-2	469368	465666	466905	467313	0.40	cps
Selenium	82-1	600	532	565	566	5.98	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	187	137	157	160	15.73	cps
Silicon	28-1	192478	191661	188931	191023	0.97	cps
Silver	107-1	1667	1370	1373	1470	11.59	cps
Silver	109-1	1600	1310	1160	1357	16.49	cps
Sodium	23-2	174924597	173042231	174890991	174285940	0.62	cps
Strontium	86-1	8946	8526	8136	8536	4.75	cps
Strontium	88-1	75291	72812	72568	73557	2.05	cps
Sulfur	34-1	116550	118666	119412	118209	1.26	cps
Terbium	159-1	14853545	14612036	13450341	14305307	5.24	cps
Terbium	159-2	9290935	9242434	9133752	9222374	0.87	cps
Thallium	203-1	940	737	747	808	14.19	cps
Thallium	205-1	2120	1840	1960	1973	7.12	cps
Tin	118-1	6968	7395	7152	7172	2.99	cps
Titanium	47-1	1743	1807	1937	1829	5.39	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:00:03	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1300	1057	940	1099	16.72	cps
Vanadium	51-2	503	587	510	533	8.68	cps
Yttrium	89-1	11401439	11313539	10341255	11018744	5.34	cps
Yttrium	89-2	2736372	2709947	2733699	2726672	0.53	cps
Zinc	66-2	2190	2080	2097	2122	2.79	cps
Zirconium	90-1	7362	7419	7108	7296	2.26	cps
Zirconium	91-1	1593	1633	1527	1585	3.40	cps

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Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:12:01	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72540	72386	73304	72743	0.68	cps
Antimony	121-1	1466136	1473875	1475079	1471697	0.33	cps
Arsenic	75-2	69806	70215	69411	69811	0.58	cps
Barium	135-1	191392	191294	191912	191533	0.17	cps
Barium	137-1	329218	334907	331352	331826	0.87	cps
Beryllium	9-1	123164	123679	124236	123693	0.43	cps
Bismuth	209-1	9399178	9381592	9244253	9341674	0.91	cps
Bismuth	209-2	7068796	7080700	7140909	7096802	0.54	cps
Bromine	81-1	7836	7502	7819	7719	2.43	cps
Bromine	81-2	30	37	30	32	11.95	cps
Cadmium	108-1	12285	12582	12362	12410	1.24	cps
Cadmium	106-1	20451	20218	20011	20226	1.09	cps
Cadmium	111-1	191299	192877	193695	192623	0.63	cps
Calcium	43-1	39535	39361	38131	39009	1.96	cps
Calcium	44-1	635147	636792	636883	636274	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	267065	266258	269165	267496	0.56	cps
Cobalt	59-2	404230	404602	404563	404465	0.05	cps
Copper	63-2	273908	272400	268485	271597	1.03	cps
Dysprosium	156-1	10	30	10	17	69.28	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	100	123	100	108	12.50	cps
Erbium	164-2	70	93	60	74	22.98	cps
Gadolinium	160-1	53	53	60	56	6.93	cps
Gadolinium	160-2	500	533	433	489	10.41	cps
Holmium	165-1	15045073	14947184	14888165	14960140	0.53	cps
Holmium	165-2	9921510	9816244	9837671	9858475	0.56	cps
Indium	115-1	11788581	11540208	11681770	11670186	1.07	cps
Indium	115-2	3767955	3704371	3788128	3753485	1.16	cps
Iron	56-2	4545289	4558936	4529863	4544696	0.32	cps
Iron	57-2	118983	119819	119819	119540	0.40	cps
Iron	54-2	271719	271272	269633	270875	0.41	cps
Krypton	83-1	147	83	77	102	37.80	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:12:01	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1148448	1147000	1159279	1151576	0.58	cps
Lead	207-1	976062	970280	977210	974517	0.38	cps
Lead	208-1	4781201	4841456	4784256	4802304	0.71	cps
Lithium	6-1	2031942	2008136	1995440	2011839	0.92	cps
Magnesium	24-2	287999	287029	288838	287955	0.31	cps
Manganese	55-2	200220	201922	201280	201141	0.43	cps
Molybdenum	94-1	1303	1280	1307	1297	1.12	cps
Molybdenum	95-1	1370	1353	1400	1375	1.72	cps
Molybdenum	96-1	1750	1750	1637	1712	3.82	cps
Molybdenum	97-1	900	963	823	896	7.83	cps
Molybdenum	98-1	2240	2190	2267	2232	1.74	cps
Neodymium	150-1	33	20	27	27	24.99	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	103762	104299	104460	104174	0.35	cps
Phosphorus	31-2	157	153	133	148	8.54	cps
Potassium	39-2	656904	653359	655566	655276	0.27	cps
Rhodium	103-1	10763121	10826616	10705327	10765021	0.56	cps
Rhodium	103-2	5858468	5764427	5859609	5827502	0.94	cps
Scandium	45-1	6176979	6094786	6152973	6141579	0.69	cps
Scandium	45-2	507748	508804	513808	510120	0.63	cps
Selenium	82-1	22834	22958	22952	22915	0.31	cps
Selenium	77-2	1993	2017	2013	2008	0.63	cps
Selenium	78-2	7178	7342	6852	7124	3.50	cps
Silicon	28-1	168407	168336	169036	168593	0.23	cps
Silver	107-1	444124	449251	452952	448776	0.99	cps
Silver	109-1	423493	424796	426361	424883	0.34	cps
Sodium	23-2	799417	800284	794733	798145	0.37	cps
Strontium	86-1	1093	953	1127	1058	8.70	cps
Strontium	88-1	7088	7035	6772	6965	2.44	cps
Sulfur	34-1	143530	142336	141165	142343	0.83	cps
Terbium	159-1	15528222	15417475	15293134	15412944	0.76	cps
Terbium	159-2	9674887	9743911	9810025	9742941	0.69	cps
Thallium	203-1	1444816	1456370	1461254	1454147	0.58	cps
Thallium	205-1	3834513	3852367	3797863	3828248	0.73	cps
Tin	118-1	1607	1623	1573	1601	1.59	cps
Titanium	47-1	227	213	240	227	5.88	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:12:01	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	177	163	103	148	26.43	cps
Vanadium	51-2	229465	227393	228833	228564	0.46	cps
Yttrium	89-1	12296761	12308906	12187408	12264358	0.55	cps
Yttrium	89-2	2945299	2990977	3001899	2979392	1.01	cps
Zinc	66-2	93497	92725	93376	93199	0.45	cps
Zirconium	90-1	1383	1417	1543	1448	5.83	cps
Zirconium	91-1	413	450	450	438	4.84	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:16:34	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87	90	80	86	5.95	cps
Antimony	121-1	533	573	773	627	20.52	cps
Arsenic	75-2	0	13	7	7	99.98	cps
Barium	135-1	77	83	27	62	49.77	cps
Barium	137-1	90	80	133	101	28.04	cps
Beryllium	9-1	77	73	73	75	2.60	cps
Bismuth	209-1	9356804	9214763	9358886	9310151	0.89	cps
Bismuth	209-2	7069441	7101658	7151336	7107478	0.58	cps
Bromine	81-1	7562	7482	7612	7552	0.87	cps
Bromine	81-2	67	33	47	49	34.32	cps
Cadmium	108-1	20	10	10	13	43.30	cps
Cadmium	106-1	3074	3127	2877	3026	4.35	cps
Cadmium	111-1	2151	2189	2027	2122	3.99	cps
Calcium	43-1	213	220	290	241	17.62	cps
Calcium	44-1	5821	5798	5838	5819	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2207	2204	2047	2152	4.25	cps
Cobalt	59-2	107	100	107	104	3.69	cps
Copper	63-2	867	843	853	854	1.37	cps
Dysprosium	156-1	20	20	30	23	24.74	cps
Dysprosium	156-2	20	10	3	11	75.52	cps
Erbium	164-1	103	133	120	119	12.64	cps
Erbium	164-2	77	100	73	83	17.44	cps
Gadolinium	160-1	40	83	90	71	38.18	cps
Gadolinium	160-2	543	527	597	556	6.58	cps
Holmium	165-1	15264659	14987597	14822550	15024935	1.49	cps
Holmium	165-2	9890551	9845105	9865712	9867123	0.23	cps
Indium	115-1	11893794	11864100	11606481	11788125	1.34	cps
Indium	115-2	3798917	3801616	3803604	3801379	0.06	cps
Iron	56-2	14964	14360	14761	14695	2.09	cps
Iron	57-2	1187	1130	1147	1154	2.52	cps
Iron	54-2	1447	1470	1463	1460	0.82	cps
Krypton	83-1	90	133	107	110	19.87	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:16:34	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	510	497	523	510	2.61	cps
Lead	207-1	463	460	487	470	3.09	cps
Lead	208-1	2103	2023	2067	2065	1.94	cps
Lithium	6-1	2031953	2005961	1998011	2011975	0.88	cps
Magnesium	24-2	623	667	667	652	3.84	cps
Manganese	55-2	433	453	460	449	3.09	cps
Molybdenum	94-1	440	493	507	480	7.35	cps
Molybdenum	95-1	330	347	337	338	2.48	cps
Molybdenum	96-1	423	407	377	402	5.88	cps
Molybdenum	97-1	160	290	227	226	28.82	cps
Molybdenum	98-1	530	567	587	561	5.12	cps
Neodymium	150-1	3	10	13	9	57.30	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	577	510	523	537	6.57	cps
Phosphorus	31-2	117	87	133	112	21.07	cps
Potassium	39-2	39033	38308	37987	38443	1.39	cps
Rhodium	103-1	11020962	10934693	10917306	10957653	0.51	cps
Rhodium	103-2	5825800	5881154	5838888	5848614	0.49	cps
Scandium	45-1	6183117	6209996	6164366	6185826	0.37	cps
Scandium	45-2	514166	515821	511895	513961	0.38	cps
Selenium	82-1	504	479	460	481	4.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	127	163	140	143	12.95	cps
Silicon	28-1	158927	162231	160584	160580	1.03	cps
Silver	107-1	370	253	263	296	21.88	cps
Silver	109-1	283	207	227	239	16.65	cps
Sodium	23-2	13790	13279	13756	13608	2.10	cps
Strontium	86-1	227	230	257	238	6.92	cps
Strontium	88-1	327	253	277	286	13.12	cps
Sulfur	34-1	139970	137972	139415	139119	0.74	cps
Terbium	159-1	15607611	15508281	15298898	15471597	1.02	cps
Terbium	159-2	9704517	9679055	9740155	9707909	0.32	cps
Thallium	203-1	143	153	143	147	3.94	cps
Thallium	205-1	463	400	390	418	9.52	cps
Tin	118-1	900	893	867	887	1.99	cps
Titanium	47-1	77	67	93	79	17.07	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:16:34	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	27	7	19	56.72	cps
Vanadium	51-2	7	20	13	13	49.99	cps
Yttrium	89-1	12588991	12385526	12284568	12419695	1.25	cps
Yttrium	89-2	3003692	3017141	2984978	3001937	0.54	cps
Zinc	66-2	330	390	410	377	11.05	cps
Zirconium	90-1	773	757	813	781	3.73	cps
Zirconium	91-1	180	153	133	156	15.05	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:19:54	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12667613	12735131	12627808	12676851	0.43	cps
Antimony	121-1	8259	8389	8566	8405	1.83	cps
Arsenic	75-2	127	143	90	120	22.74	cps
Barium	135-1	2960	2687	2837	2828	4.84	cps
Barium	137-1	4684	4691	4738	4704	0.62	cps
Beryllium	9-1	496	474	562	511	8.91	cps
Bismuth	209-1	9043959	9003625	9055988	9034524	0.30	cps
Bismuth	209-2	6842777	6807917	6844692	6831796	0.30	cps
Bromine	81-1	8039	8346	8089	8158	2.02	cps
Bromine	81-2	143	157	133	144	8.10	cps
Cadmium	108-1	1040	913	953	969	6.68	cps
Cadmium	106-1	3154	2954	2860	2989	5.01	cps
Cadmium	111-1	2673	2582	2435	2563	4.69	cps
Calcium	43-1	1768881	1729614	1748721	1749072	1.12	cps
Calcium	44-1	28276755	27874054	28181957	28110922	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51745	51752	51059	51519	0.77	cps
Cobalt	59-2	4884	4781	4961	4875	1.85	cps
Copper	63-2	22861	23055	23205	23040	0.75	cps
Dysprosium	156-1	47	27	57	43	35.25	cps
Dysprosium	156-2	30	33	50	38	28.37	cps
Erbium	164-1	130	147	123	133	9.01	cps
Erbium	164-2	80	73	53	69	20.15	cps
Gadolinium	160-1	73	53	57	61	17.53	cps
Gadolinium	160-2	507	537	547	530	3.93	cps
Holmium	165-1	15379476	15360317	15374976	15371590	0.07	cps
Holmium	165-2	10021629	9992863	9938743	9984411	0.42	cps
Indium	115-1	11234691	11271843	11348374	11284969	0.51	cps
Indium	115-2	3635254	3673666	3579747	3629556	1.30	cps
Iron	56-2	215779530	213692057	212963797	214145128	0.68	cps
Iron	57-2	5316267	5344696	5343883	5334949	0.30	cps
Iron	54-2	11711834	11672220	11654907	11679654	0.25	cps
Krypton	83-1	177	100	120	132	30.08	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:19:54	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	29305	28159	28343	28602	2.15	cps
Lead	207-1	23637	23123	23050	23270	1.38	cps
Lead	208-1	110383	108043	106731	108386	1.71	cps
Lithium	6-1	1998611	1984961	1987822	1990465	0.36	cps
Magnesium	24-2	21409078	21519196	21224348	21384207	0.70	cps
Manganese	55-2	15962	16052	15949	15987	0.35	cps
Molybdenum	94-1	3844873	3841282	3867613	3851256	0.37	cps
Molybdenum	95-1	6757531	6771233	6781018	6769928	0.17	cps
Molybdenum	96-1	7247605	7377686	7319161	7314817	0.89	cps
Molybdenum	97-1	4259045	4220182	4257552	4245593	0.52	cps
Molybdenum	98-1	10924715	11009021	10955989	10963242	0.39	cps
Neodymium	150-1	53	60	63	59	8.65	cps
Neodymium	150-2	37	17	10	21	65.74	cps
Nickel	60-2	5591	5794	5658	5681	1.83	cps
Phosphorus	31-2	721498	720914	720112	720841	0.10	cps
Potassium	39-2	27667865	27465532	27360727	27498041	0.57	cps
Rhodium	103-1	10016721	9908925	9965893	9963846	0.54	cps
Rhodium	103-2	5410843	5463232	5347979	5407351	1.07	cps
Scandium	45-1	5931846	5825872	5891163	5882960	0.91	cps
Scandium	45-2	493699	493965	488023	491895	0.68	cps
Selenium	82-1	416	484	449	450	7.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	110	143	167	140	20.34	cps
Silicon	28-1	225485	221110	222179	222925	1.02	cps
Silver	107-1	1233	933	810	992	21.94	cps
Silver	109-1	1143	963	773	960	19.27	cps
Sodium	23-2	35984505	35829619	35599939	35804688	0.54	cps
Strontium	86-1	74497	75472	77150	75706	1.77	cps
Strontium	88-1	664337	670018	674399	669585	0.75	cps
Sulfur	34-1	2552696	2527916	2556094	2545568	0.60	cps
Terbium	159-1	15724742	15412574	15690643	15609320	1.10	cps
Terbium	159-2	9889527	9931718	9795867	9872371	0.70	cps
Thallium	203-1	1267	1883	1974	1708	22.52	cps
Thallium	205-1	3067	4221	4591	3960	20.07	cps
Tin	118-1	2134	2210	2317	2220	4.15	cps
Titanium	47-1	1629720	1622204	1659774	1637233	1.21	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:19:54	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	380	420	390	397	5.25	cps
Vanadium	51-2	400	380	453	411	9.22	cps
Yttrium	89-1	12093801	12164096	12100436	12119445	0.32	cps
Yttrium	89-2	2939984	2957574	2906369	2934643	0.89	cps
Zinc	66-2	5551	5424	5374	5450	1.67	cps
Zirconium	90-1	1097	1183	1097	1126	4.45	cps
Zirconium	91-1	277	243	260	260	6.41	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:22:57	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12853499	12793824	12721241	12789521	0.52	cps
Antimony	121-1	154167	157249	156696	156037	1.05	cps
Arsenic	75-2	6672	6962	6865	6833	2.16	cps
Barium	135-1	40511	41116	40327	40651	1.02	cps
Barium	137-1	71800	71807	71110	71572	0.56	cps
Beryllium	9-1	23536	23935	23862	23778	0.89	cps
Bismuth	209-1	9445256	9307730	9241943	9331643	1.11	cps
Bismuth	209-2	6903299	7026318	6986443	6972020	0.90	cps
Bromine	81-1	8979	8673	8979	8877	2.00	cps
Bromine	81-2	207	207	177	197	8.81	cps
Cadmium	108-1	3250	3220	3390	3287	2.76	cps
Cadmium	106-1	6401	6435	6125	6320	2.69	cps
Cadmium	111-1	38357	38836	38490	38561	0.64	cps
Calcium	43-1	1783367	1784609	1773081	1780352	0.36	cps
Calcium	44-1	28461736	28477929	28828801	28589489	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102361	100774	100364	101166	1.04	cps
Cobalt	59-2	80099	78192	78966	79086	1.21	cps
Copper	63-2	72518	72906	71587	72337	0.94	cps
Dysprosium	156-1	37	33	57	42	29.89	cps
Dysprosium	156-2	50	30	43	41	24.77	cps
Erbium	164-1	137	113	143	131	12.01	cps
Erbium	164-2	107	97	83	96	12.25	cps
Gadolinium	160-1	83	87	53	74	24.66	cps
Gadolinium	160-2	513	533	483	510	4.93	cps
Holmium	165-1	15731416	15808679	15680881	15740325	0.41	cps
Holmium	165-2	10236755	10295316	10283669	10271913	0.30	cps
Indium	115-1	11551169	11549238	11584861	11561756	0.17	cps
Indium	115-2	3636731	3670199	3655501	3654144	0.46	cps
Iron	56-2	216964130	216089223	215772310	216275221	0.29	cps
Iron	57-2	5382387	5368173	5348959	5366506	0.31	cps
Iron	54-2	11853468	11785602	11839684	11826251	0.30	cps
Krypton	83-1	143	110	140	131	14.00	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:22:57	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	145054	148429	146206	146563	1.17	cps
Lead	207-1	124487	123337	123737	123854	0.47	cps
Lead	208-1	568866	571887	566724	569159	0.46	cps
Lithium	6-1	1995932	1952734	1971119	1973262	1.10	cps
Magnesium	24-2	21659227	21752726	21546523	21652826	0.48	cps
Manganese	55-2	54676	54053	55040	54590	0.91	cps
Molybdenum	94-1	3888377	3942817	3901077	3910757	0.73	cps
Molybdenum	95-1	6784394	7042783	6991122	6939433	1.97	cps
Molybdenum	96-1	7353068	7514136	7507111	7458105	1.22	cps
Molybdenum	97-1	4296071	4330930	4310037	4312346	0.41	cps
Molybdenum	98-1	11075908	11254529	11303075	11211171	1.07	cps
Neodymium	150-1	47	43	70	53	27.24	cps
Neodymium	150-2	23	13	20	19	26.96	cps
Nickel	60-2	24664	24787	24774	24742	0.27	cps
Phosphorus	31-2	735157	733239	726283	731560	0.64	cps
Potassium	39-2	27731800	27750400	27644489	27708897	0.20	cps
Rhodium	103-1	10167555	10119131	10237332	10174673	0.58	cps
Rhodium	103-2	5584784	5530219	5511955	5542319	0.68	cps
Scandium	45-1	5992092	6035676	6068468	6032079	0.64	cps
Scandium	45-2	501578	495444	498079	498367	0.62	cps
Selenium	82-1	2621	2611	2580	2604	0.82	cps
Selenium	77-2	197	200	243	213	12.20	cps
Selenium	78-2	763	773	690	742	6.13	cps
Silicon	28-1	224717	228296	232349	228454	1.67	cps
Silver	107-1	164787	167696	168090	166858	1.08	cps
Silver	109-1	157370	159214	158381	158322	0.58	cps
Sodium	23-2	36075639	36421551	36375200	36290797	0.52	cps
Strontium	86-1	76340	78870	78789	77999	1.84	cps
Strontium	88-1	674833	686002	687964	682933	1.04	cps
Sulfur	34-1	2572574	2549795	2593862	2572077	0.86	cps
Terbium	159-1	16232941	16280128	16260319	16257796	0.15	cps
Terbium	159-2	10074555	9987280	9987768	10016534	0.50	cps
Thallium	203-1	147636	148367	148448	148151	0.30	cps
Thallium	205-1	348964	355640	353302	352636	0.96	cps
Tin	118-1	2184	2124	2124	2144	1.62	cps
Titanium	47-1	1643473	1640262	1646885	1643540	0.20	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:22:57	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	347	307	400	351	13.34	cps
Vanadium	51-2	44566	44231	43803	44200	0.86	cps
Yttrium	89-1	12366615	12509454	12476964	12451011	0.60	cps
Yttrium	89-2	3000432	2982810	3006333	2996525	0.41	cps
Zinc	66-2	14420	14300	13813	14178	2.27	cps
Zirconium	90-1	983	1090	1067	1047	5.36	cps
Zirconium	91-1	247	230	250	242	4.42	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:26:02	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6661217	6647313	6611348	6639960	0.39	cps
Antimony	121-1	3548623	3623454	3634347	3602141	1.30	cps
Arsenic	75-2	166640	165218	165215	165691	0.50	cps
Barium	135-1	4941732	4935928	4945602	4941087	0.10	cps
Barium	137-1	8514064	8549403	8470617	8511361	0.46	cps
Beryllium	9-1	598932	607601	606084	604206	0.77	cps
Bismuth	209-1	9018922	9032824	8945455	8999067	0.52	cps
Bismuth	209-2	6402479	6837658	6539859	6593332	3.37	cps
Bromine	81-1	7829	7805	7585	7740	1.74	cps
Bromine	81-2	73	90	57	73	22.73	cps
Cadmium	108-1	65420	66518	66582	66173	0.99	cps
Cadmium	106-1	96226	98947	96495	97222	1.54	cps
Cadmium	111-1	900717	908462	907592	905590	0.47	cps
Calcium	43-1	4523343	4565528	4548319	4545730	0.47	cps
Calcium	44-1	71202154	72017617	71968439	71729403	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1185094	1180131	1187717	1184314	0.33	cps
Cobalt	59-2	1784378	1772269	1764005	1773551	0.58	cps
Copper	63-2	12933243	12699918	12788571	12807244	0.92	cps
Dysprosium	156-1	283	250	307	280	10.17	cps
Dysprosium	156-2	293	330	347	323	8.44	cps
Erbium	164-1	277	227	250	251	9.96	cps
Erbium	164-2	170	177	173	173	1.92	cps
Gadolinium	160-1	240	233	230	234	2.17	cps
Gadolinium	160-2	650	587	603	613	5.35	cps
Holmium	165-1	15469434	15651237	15354484	15491718	0.97	cps
Holmium	165-2	9597019	10384474	9754613	9912036	4.20	cps
Indium	115-1	11152236	11121082	11231521	11168280	0.51	cps
Indium	115-2	3378282	3674805	3530234	3527774	4.20	cps
Iron	56-2	259540636	259233169	258991529	259255112	0.11	cps
Iron	57-2	6584803	6476131	6593374	6551436	1.00	cps
Iron	54-2	14141305	14096381	14024256	14087314	0.42	cps
Krypton	83-1	110	117	103	110	6.06	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:26:02	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14185114	14323441	14245254	14251270	0.49	cps
Lead	207-1	12561380	12745781	12629487	12645550	0.74	cps
Lead	208-1	57076048	57518470	57283589	57292702	0.39	cps
Lithium	6-1	1957062	1967005	1956387	1960151	0.30	cps
Magnesium	24-2	52563006	52231773	52458928	52417902	0.32	cps
Manganese	55-2	8892697	8907911	8974400	8925003	0.49	cps
Molybdenum	94-1	12442724	12644309	12600740	12562591	0.84	cps
Molybdenum	95-1	17971455	18299353	18361373	18210727	1.15	cps
Molybdenum	96-1	20073271	20071285	20118436	20087664	0.13	cps
Molybdenum	97-1	11540081	11491092	11582474	11537882	0.40	cps
Molybdenum	98-1	29605918	29814875	29589793	29670195	0.42	cps
Neodymium	150-1	467	430	437	444	4.39	cps
Neodymium	150-2	120	113	110	114	4.45	cps
Nickel	60-2	434739	433964	429765	432823	0.62	cps
Phosphorus	31-2	70016	69674	69132	69607	0.64	cps
Potassium	39-2	33757225	33655225	33576340	33662930	0.27	cps
Rhodium	103-1	9802181	9776021	9726509	9768237	0.39	cps
Rhodium	103-2	5039819	5528675	5230972	5266488	4.68	cps
Scandium	45-1	5959117	5891962	5909606	5920228	0.59	cps
Scandium	45-2	467774	507617	483643	486345	4.12	cps
Selenium	82-1	52064	51963	52540	52189	0.59	cps
Selenium	77-2	4764	4701	4607	4691	1.68	cps
Selenium	78-2	15625	15705	15835	15722	0.67	cps
Silicon	28-1	3393447	3432550	3464987	3430328	1.04	cps
Silver	107-1	4425298	4407592	4386090	4406326	0.45	cps
Silver	109-1	4196937	4206325	4229961	4211074	0.40	cps
Sodium	23-2	87894135	87941782	88053032	87962983	0.09	cps
Strontium	86-1	27903015	27712870	27985766	27867217	0.50	cps
Strontium	88-1	245140283	247841330	247627456	246869690	0.61	cps
Sulfur	34-1	366115	368157	369326	367866	0.44	cps
Terbium	159-1	15895181	15711054	15915723	15840653	0.71	cps
Terbium	159-2	9359940	10126004	9656635	9714193	3.98	cps
Thallium	203-1	3545990	3610771	3595736	3584166	0.95	cps
Thallium	205-1	8320455	8498447	8460309	8426403	1.11	cps
Tin	118-1	3030795	2995955	3074363	3033704	1.29	cps
Titanium	47-1	4219684	4206692	4223552	4216642	0.21	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:26:02	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12047821	12179829	12119859	12115836	0.55	cps
Vanadium	51-2	1073880	1064551	1069467	1069299	0.44	cps
Yttrium	89-1	12281551	12293843	12259789	12278394	0.14	cps
Yttrium	89-2	2735704	3032857	2876341	2881634	5.16	cps
Zinc	66-2	2200839	2181364	2148967	2177057	1.20	cps
Zirconium	90-1	5891998	5927868	5949741	5923203	0.49	cps
Zirconium	91-1	1323528	1339883	1337308	1333573	0.66	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:28:48	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313	340	517	390	28.33	cps
Antimony	121-1	2710	2580	2980	2757	7.40	cps
Arsenic	75-2	13	7	13	11	34.61	cps
Barium	135-1	153	177	143	158	10.84	cps
Barium	137-1	377	253	243	291	25.51	cps
Beryllium	9-1	168	178	124	157	18.15	cps
Bismuth	209-1	9840059	9796187	9768799	9801682	0.37	cps
Bismuth	209-2	7326053	7425201	7259496	7336917	1.14	cps
Bromine	81-1	7485	7892	7819	7732	2.80	cps
Bromine	81-2	63	53	37	51	26.35	cps
Cadmium	108-1	27	17	10	18	47.19	cps
Cadmium	106-1	3494	3284	3354	3377	3.17	cps
Cadmium	111-1	2497	2344	2367	2403	3.44	cps
Calcium	43-1	390	307	327	341	12.75	cps
Calcium	44-1	8252	7059	7102	7471	9.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2157	2184	2057	2132	3.13	cps
Cobalt	59-2	157	187	187	177	9.80	cps
Copper	63-2	1793	1747	1950	1830	5.82	cps
Dysprosium	156-1	13	20	30	21	39.75	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	140	73	90	101	34.31	cps
Erbium	164-2	57	83	43	61	33.33	cps
Gadolinium	160-1	73	40	53	56	30.20	cps
Gadolinium	160-2	457	570	473	500	12.24	cps
Holmium	165-1	15600492	15635205	15819621	15685106	0.75	cps
Holmium	165-2	10019818	10164182	10101636	10095212	0.72	cps
Indium	115-1	11940450	12009415	11976928	11975598	0.29	cps
Indium	115-2	3789056	3852053	3821085	3820731	0.82	cps
Iron	56-2	23972	24630	27632	25412	7.68	cps
Iron	57-2	1290	1303	1383	1326	3.81	cps
Iron	54-2	2090	2050	2057	2066	1.04	cps
Krypton	83-1	127	110	120	119	7.06	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:28:48	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1723	1453	1460	1546	9.96	cps
Lead	207-1	1530	1260	1187	1326	13.64	cps
Lead	208-1	6831	5661	5757	6083	10.68	cps
Lithium	6-1	2089680	2101680	2071638	2087666	0.72	cps
Magnesium	24-2	2197	2320	2714	2410	11.20	cps
Manganese	55-2	750	717	713	727	2.79	cps
Molybdenum	94-1	1467	1237	1390	1365	8.58	cps
Molybdenum	95-1	1563	1293	1307	1388	10.97	cps
Molybdenum	96-1	1517	1570	1627	1571	3.50	cps
Molybdenum	97-1	990	870	837	899	8.97	cps
Molybdenum	98-1	2337	2067	2264	2222	6.28	cps
Neodymium	150-1	10	7	7	8	24.71	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	583	463	527	524	11.45	cps
Phosphorus	31-2	123	143	93	120	20.98	cps
Potassium	39-2	41841	41985	41059	41628	1.20	cps
Rhodium	103-1	11130127	11013523	11016786	11053479	0.60	cps
Rhodium	103-2	5913858	6058692	5925753	5966101	1.35	cps
Scandium	45-1	6163988	6097085	6155663	6138912	0.59	cps
Scandium	45-2	511966	514402	511629	512666	0.30	cps
Selenium	82-1	439	455	500	465	6.78	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	173	150	160	161	7.27	cps
Silicon	28-1	157414	157250	156606	157090	0.27	cps
Silver	107-1	1013	717	647	792	24.57	cps
Silver	109-1	980	677	503	720	33.51	cps
Sodium	23-2	28306	29802	29502	29203	2.71	cps
Strontium	86-1	1040	803	743	862	18.19	cps
Strontium	88-1	7782	5351	5284	6139	23.18	cps
Sulfur	34-1	128363	129066	129863	129097	0.58	cps
Terbium	159-1	16213996	16257258	16030394	16167216	0.75	cps
Terbium	159-2	9934272	10059008	9869623	9954301	0.97	cps
Thallium	203-1	497	403	383	428	14.14	cps
Thallium	205-1	1123	987	863	991	13.12	cps
Tin	118-1	1500	1520	1547	1522	1.54	cps
Titanium	47-1	287	303	277	289	4.66	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:28:48	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	307	247	280	278	10.82	cps
Vanadium	51-2	30	40	70	47	44.61	cps
Yttrium	89-1	12621986	12627611	12484169	12577922	0.65	cps
Yttrium	89-2	3015528	3060505	2991140	3022391	1.16	cps
Zinc	66-2	467	443	500	470	6.06	cps
Zirconium	90-1	1663	1637	1703	1668	2.01	cps
Zirconium	91-1	333	363	367	354	5.18	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BL	Instrumnet Name :	P7
Client Sample ID :	PBS536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:32:47	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	177	167	151	23.79	cps
Antimony	121-1	647	613	753	671	10.90	cps
Arsenic	75-2	10	3	7	7	50.03	cps
Barium	135-1	77	73	60	70	12.60	cps
Barium	137-1	103	137	113	118	14.52	cps
Beryllium	9-1	67	87	83	79	13.54	cps
Bismuth	209-1	9751671	9695166	9667111	9704649	0.44	cps
Bismuth	209-2	7316583	7297561	7302577	7305574	0.13	cps
Bromine	81-1	8079	8312	8242	8211	1.46	cps
Bromine	81-2	57	60	53	57	5.89	cps
Cadmium	108-1	3	17	20	13	66.16	cps
Cadmium	106-1	3390	3410	3370	3390	0.59	cps
Cadmium	111-1	2381	2389	2359	2376	0.66	cps
Calcium	43-1	273	320	260	284	11.08	cps
Calcium	44-1	5928	6045	5881	5951	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2260	2164	2187	2204	2.29	cps
Cobalt	59-2	133	123	110	122	9.58	cps
Copper	63-2	1167	1100	1163	1143	3.29	cps
Dysprosium	156-1	10	13	30	18	60.28	cps
Dysprosium	156-2	10	17	3	10	66.70	cps
Erbium	164-1	160	120	100	127	24.12	cps
Erbium	164-2	53	73	47	58	24.02	cps
Gadolinium	160-1	37	50	73	53	34.79	cps
Gadolinium	160-2	510	557	530	532	4.40	cps
Holmium	165-1	15659491	15718969	15461504	15613321	0.86	cps
Holmium	165-2	10197409	10141173	10075577	10138053	0.60	cps
Indium	115-1	12094576	11982563	11880019	11985719	0.90	cps
Indium	115-2	3862717	3784396	3861069	3836061	1.17	cps
Iron	56-2	15925	16052	16309	16095	1.21	cps
Iron	57-2	1053	1117	1120	1097	3.43	cps
Iron	54-2	1700	1690	1583	1658	3.90	cps
Krypton	83-1	147	160	100	136	23.24	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BL	Instrumnet Name :	P7
Client Sample ID :	PBS536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:32:47	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	790	867	747	801	7.59	cps
Lead	207-1	637	760	603	667	12.38	cps
Lead	208-1	3217	3220	3057	3165	2.95	cps
Lithium	6-1	2072698	2055867	2059477	2062681	0.43	cps
Magnesium	24-2	790	867	973	877	10.50	cps
Manganese	55-2	413	413	473	433	8.00	cps
Molybdenum	94-1	590	587	620	599	3.07	cps
Molybdenum	95-1	420	417	507	448	11.40	cps
Molybdenum	96-1	557	760	577	631	17.76	cps
Molybdenum	97-1	330	320	313	321	2.61	cps
Molybdenum	98-1	790	780	753	774	2.45	cps
Neodymium	150-1	20	23	17	20	16.65	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	477	440	477	464	4.56	cps
Phosphorus	31-2	147	97	130	124	20.46	cps
Potassium	39-2	40751	40714	40678	40714	0.09	cps
Rhodium	103-1	11210694	11130653	11082439	11141262	0.58	cps
Rhodium	103-2	6025602	5899383	6048744	5991243	1.34	cps
Scandium	45-1	6264538	6286316	6150226	6233693	1.17	cps
Scandium	45-2	521768	515684	518492	518648	0.59	cps
Selenium	82-1	372	465	514	450	16.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	190	143	123	152	22.47	cps
Silicon	28-1	156222	157519	158126	157289	0.62	cps
Silver	107-1	210	217	247	224	8.70	cps
Silver	109-1	183	170	167	173	5.09	cps
Sodium	23-2	18037	17734	17857	17876	0.85	cps
Strontium	86-1	340	287	267	298	12.73	cps
Strontium	88-1	897	847	767	837	7.84	cps
Sulfur	34-1	138904	138138	138854	138632	0.31	cps
Terbium	159-1	16113576	16062409	15875972	16017319	0.78	cps
Terbium	159-2	10002846	9960954	9880082	9947961	0.63	cps
Thallium	203-1	260	230	253	248	6.36	cps
Thallium	205-1	547	577	620	581	6.34	cps
Tin	118-1	980	1043	1033	1019	3.34	cps
Titanium	47-1	120	180	153	151	19.89	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BL	Instrumnet Name :	P7
Client Sample ID :	PBS536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:32:47	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57	57	37	50	23.09	cps
Vanadium	51-2	17	10	10	12	31.50	cps
Yttrium	89-1	12870347	12754342	12718641	12781110	0.62	cps
Yttrium	89-2	3089881	3021625	3049371	3053625	1.12	cps
Zinc	66-2	400	320	430	383	14.83	cps
Zirconium	90-1	1007	1063	1097	1056	4.31	cps
Zirconium	91-1	220	217	227	221	2.30	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BS	Instrumnet Name :	P7
Client Sample ID :	LCS536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:36:04	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6118	6155	5751	6008	3.71	cps
Antimony	121-1	30576	31401	31401	31126	1.53	cps
Arsenic	75-2	737	787	747	757	3.50	cps
Barium	135-1	38692	37880	38860	38477	1.36	cps
Barium	137-1	67154	66611	68611	67459	1.53	cps
Beryllium	9-1	2649	2522	2582	2584	2.45	cps
Bismuth	209-1	9542552	9450146	9389604	9460767	0.81	cps
Bismuth	209-2	7206405	7112085	7235687	7184726	0.90	cps
Bromine	81-1	7949	8232	8092	8091	1.75	cps
Bromine	81-2	70	37	33	47	43.45	cps
Cadmium	108-1	270	303	257	277	8.69	cps
Cadmium	106-1	3821	3537	3550	3636	4.40	cps
Cadmium	111-1	6549	6201	6533	6428	3.06	cps
Calcium	43-1	19543	19155	19412	19370	1.02	cps
Calcium	44-1	316870	321723	318160	318918	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13900	13920	13593	13804	1.33	cps
Cobalt	59-2	8519	8232	8526	8426	1.99	cps
Copper	63-2	13116	12872	13126	13038	1.10	cps
Dysprosium	156-1	23	20	40	28	38.58	cps
Dysprosium	156-2	13	23	10	16	44.60	cps
Erbium	164-1	120	97	120	112	12.00	cps
Erbium	164-2	60	70	100	77	27.15	cps
Gadolinium	160-1	67	67	57	63	9.12	cps
Gadolinium	160-2	510	467	590	522	11.98	cps
Holmium	165-1	15403228	15332542	15340720	15358830	0.25	cps
Holmium	165-2	9908661	9984055	9985485	9959401	0.44	cps
Indium	115-1	11898828	11881862	11892275	11890988	0.07	cps
Indium	115-2	3797020	3798950	3843019	3812996	0.68	cps
Iron	56-2	1008135	1003347	1010197	1007226	0.35	cps
Iron	57-2	26079	25498	26136	25905	1.36	cps
Iron	54-2	57041	56566	56750	56785	0.42	cps
Krypton	83-1	160	163	140	154	8.17	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BS	Instrumnet Name :	P7
Client Sample ID :	LCS536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:36:04	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11809	11899	11655	11787	1.04	cps
Lead	207-1	10461	10394	10061	10305	2.08	cps
Lead	208-1	46772	47396	46515	46894	0.97	cps
Lithium	6-1	2000132	2003636	1980344	1994704	0.63	cps
Magnesium	24-2	258727	257097	256029	257284	0.53	cps
Manganese	55-2	4551	4497	4651	4566	1.70	cps
Molybdenum	94-1	31086	30699	30926	30904	0.63	cps
Molybdenum	95-1	37484	36950	37053	37163	0.76	cps
Molybdenum	96-1	42331	41572	41502	41802	1.10	cps
Molybdenum	97-1	23165	23976	23108	23417	2.07	cps
Molybdenum	98-1	61204	60434	60605	60748	0.67	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	2757	2804	2734	2765	1.29	cps
Phosphorus	31-2	120	107	177	134	27.65	cps
Potassium	39-2	366141	363447	362122	363903	0.56	cps
Rhodium	103-1	11125354	11028050	11022944	11058783	0.52	cps
Rhodium	103-2	5909331	5988108	5947141	5948194	0.66	cps
Scandium	45-1	6243433	6214410	6216358	6224734	0.26	cps
Scandium	45-2	517527	515728	517381	516879	0.19	cps
Selenium	82-1	1482	1534	1587	1535	3.43	cps
Selenium	77-2	113	77	77	89	23.81	cps
Selenium	78-2	497	543	533	524	4.69	cps
Silicon	28-1	225324	226297	228141	226587	0.63	cps
Silver	107-1	18001	18762	18161	18308	2.19	cps
Silver	109-1	17140	17484	17447	17357	1.09	cps
Sodium	23-2	413753	416299	415766	415272	0.32	cps
Strontium	86-1	5254	5144	5158	5185	1.16	cps
Strontium	88-1	42140	42685	42963	42596	0.98	cps
Sulfur	34-1	139813	139557	138447	139272	0.52	cps
Terbium	159-1	15960206	15832034	15803605	15865282	0.53	cps
Terbium	159-2	9774236	9775531	9832801	9794189	0.34	cps
Thallium	203-1	13303	13597	13987	13629	2.52	cps
Thallium	205-1	31747	31393	31416	31519	0.63	cps
Tin	118-1	913	1007	1080	1000	8.35	cps
Titanium	47-1	9109	9253	8719	9027	3.06	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BS	Instrumnet Name :	P7
Client Sample ID :	LCS536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:36:04	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41738	42253	41324	41772	1.11	cps
Vanadium	51-2	23899	23909	23682	23830	0.54	cps
Yttrium	89-1	12673680	12602783	12687031	12654498	0.36	cps
Yttrium	89-2	3033753	3032188	3059755	3041899	0.51	cps
Zinc	66-2	5291	5354	5444	5363	1.44	cps
Zirconium	90-1	27032	26631	26324	26662	1.33	cps
Zirconium	91-1	6105	6028	5945	6026	1.33	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:39:23	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3004	3037	3047	3029	0.75	cps
Antimony	121-1	15302	15101	15245	15216	0.68	cps
Arsenic	75-2	373	357	380	370	3.25	cps
Barium	135-1	19400	19373	19360	19378	0.11	cps
Barium	137-1	33332	33750	33426	33503	0.65	cps
Beryllium	9-1	1264	1281	1254	1267	1.07	cps
Bismuth	209-1	9418200	9539971	9405484	9454552	0.79	cps
Bismuth	209-2	7238330	7143885	7257019	7213078	0.84	cps
Bromine	81-1	7932	7609	8036	7859	2.83	cps
Bromine	81-2	70	60	40	57	26.96	cps
Cadmium	108-1	183	173	180	179	2.85	cps
Cadmium	106-1	3677	3607	3514	3599	2.28	cps
Cadmium	111-1	4529	4417	4087	4344	5.29	cps
Calcium	43-1	9897	9907	9516	9773	2.28	cps
Calcium	44-1	162288	162399	165178	163288	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8122	7922	7956	8000	1.34	cps
Cobalt	59-2	4324	4324	4331	4326	0.09	cps
Copper	63-2	6988	6882	7329	7066	3.30	cps
Dysprosium	156-1	20	10	17	16	32.73	cps
Dysprosium	156-2	17	3	7	9	78.08	cps
Erbium	164-1	130	157	123	137	12.91	cps
Erbium	164-2	53	73	87	71	23.60	cps
Gadolinium	160-1	80	43	57	60	30.93	cps
Gadolinium	160-2	507	580	543	543	6.75	cps
Holmium	165-1	15341140	15334162	15100774	15258692	0.90	cps
Holmium	165-2	9914914	9936207	10003595	9951572	0.47	cps
Indium	115-1	12093674	12029015	11881823	12001504	0.90	cps
Indium	115-2	3854529	3879209	3811227	3848322	0.89	cps
Iron	56-2	516734	514324	513563	514874	0.32	cps
Iron	57-2	13486	13616	13389	13497	0.84	cps
Iron	54-2	28958	29035	28711	28901	0.59	cps
Krypton	83-1	130	133	103	122	13.46	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:39:23	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6178	6048	5941	6056	1.96	cps
Lead	207-1	5408	5348	5184	5313	2.18	cps
Lead	208-1	24342	24542	24069	24318	0.98	cps
Lithium	6-1	1972287	1995290	1970315	1979297	0.70	cps
Magnesium	24-2	131143	128928	128336	129469	1.14	cps
Manganese	55-2	2514	2524	2650	2562	2.97	cps
Molybdenum	94-1	16179	16142	15902	16074	0.94	cps
Molybdenum	95-1	18725	17971	19056	18584	2.99	cps
Molybdenum	96-1	21339	21169	21032	21180	0.73	cps
Molybdenum	97-1	11658	12025	11618	11767	1.91	cps
Molybdenum	98-1	30759	30873	30405	30679	0.79	cps
Neodymium	150-1	10	23	17	17	39.99	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1667	1720	1697	1695	1.58	cps
Phosphorus	31-2	107	107	103	106	1.83	cps
Potassium	39-2	203086	201836	201275	202066	0.46	cps
Rhodium	103-1	11066824	11211062	10906498	11061461	1.38	cps
Rhodium	103-2	6004162	5928719	5911507	5948129	0.83	cps
Scandium	45-1	6311555	6269555	6225089	6268733	0.69	cps
Scandium	45-2	520970	522635	515629	519745	0.70	cps
Selenium	82-1	1048	1077	1033	1052	2.13	cps
Selenium	77-2	40	53	53	49	15.74	cps
Selenium	78-2	313	353	360	342	7.38	cps
Silicon	28-1	197018	195350	194931	195766	0.56	cps
Silver	107-1	9186	9603	9336	9375	2.25	cps
Silver	109-1	8583	8649	9030	8754	2.75	cps
Sodium	23-2	214931	215192	214421	214848	0.18	cps
Strontium	86-1	2690	2590	2637	2639	1.90	cps
Strontium	88-1	20888	21693	21639	21407	2.10	cps
Sulfur	34-1	139685	137259	138483	138476	0.88	cps
Terbium	159-1	16026714	15825424	15822721	15891620	0.74	cps
Terbium	159-2	9797932	9738841	9757994	9764922	0.31	cps
Thallium	203-1	6838	6898	6835	6857	0.52	cps
Thallium	205-1	16226	16150	15849	16075	1.24	cps
Tin	118-1	1230	1200	1080	1170	6.78	cps
Titanium	47-1	4591	4784	4631	4669	2.19	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163536BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD536	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:39:23	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21150	21053	20579	20928	1.46	cps
Vanadium	51-2	12235	11681	11815	11910	2.43	cps
Yttrium	89-1	12633870	12700872	12503634	12612792	0.80	cps
Yttrium	89-2	3017451	3071509	3046860	3045273	0.89	cps
Zinc	66-2	2980	2667	2900	2849	5.71	cps
Zirconium	90-1	13650	13727	13787	13721	0.50	cps
Zirconium	91-1	2990	3084	3110	3061	2.06	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BL	Instrumnet Name :	P7
Client Sample ID :	PBS570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:42:39	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	103	87	98	9.84	cps
Antimony	121-1	187	193	237	206	13.21	cps
Arsenic	75-2	0	17	0	6	173.21	cps
Barium	135-1	87	77	53	72	23.69	cps
Barium	137-1	133	117	137	129	8.31	cps
Beryllium	9-1	67	33	60	53	33.05	cps
Bismuth	209-1	9571272	9450417	9377200	9466297	1.04	cps
Bismuth	209-2	7335897	7187716	7191420	7238344	1.17	cps
Bromine	81-1	7815	7996	7522	7778	3.07	cps
Bromine	81-2	37	40	47	41	12.39	cps
Cadmium	108-1	20	10	13	14	35.26	cps
Cadmium	106-1	3414	3237	3207	3286	3.40	cps
Cadmium	111-1	2386	2262	2239	2296	3.43	cps
Calcium	43-1	243	217	290	250	14.85	cps
Calcium	44-1	5745	5975	5901	5874	2.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2170	2344	2227	2247	3.93	cps
Cobalt	59-2	130	103	123	119	11.68	cps
Copper	63-2	1013	983	1030	1009	2.34	cps
Dysprosium	156-1	13	13	10	12	15.73	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	150	120	127	132	11.91	cps
Erbium	164-2	80	60	63	68	15.81	cps
Gadolinium	160-1	70	67	67	68	2.84	cps
Gadolinium	160-2	500	543	550	531	5.11	cps
Holmium	165-1	15442383	15392857	15404353	15413198	0.17	cps
Holmium	165-2	9986019	9932795	9958606	9959140	0.27	cps
Indium	115-1	12002520	11959166	11979995	11980560	0.18	cps
Indium	115-2	3821425	3807309	3836690	3821808	0.38	cps
Iron	56-2	14634	14727	14464	14608	0.91	cps
Iron	57-2	1157	1023	1163	1114	7.09	cps
Iron	54-2	1507	1670	1643	1607	5.45	cps
Krypton	83-1	147	133	127	136	7.51	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BL	Instrumnet Name :	P7
Client Sample ID :	PBS570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:42:39	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	413	423	490	442	9.42	cps
Lead	207-1	407	430	400	412	3.82	cps
Lead	208-1	1727	1880	1807	1805	4.25	cps
Lithium	6-1	2035435	1993629	2000025	2009696	1.12	cps
Magnesium	24-2	703	687	697	696	1.21	cps
Manganese	55-2	370	433	440	414	9.32	cps
Molybdenum	94-1	480	497	517	498	3.69	cps
Molybdenum	95-1	310	277	297	294	5.70	cps
Molybdenum	96-1	460	437	407	434	6.15	cps
Molybdenum	97-1	213	230	217	220	4.01	cps
Molybdenum	98-1	533	607	560	567	6.55	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	597	633	633	621	3.41	cps
Phosphorus	31-2	77	127	77	93	30.93	cps
Potassium	39-2	39658	39100	39267	39342	0.73	cps
Rhodium	103-1	11228730	11150812	11064351	11147964	0.74	cps
Rhodium	103-2	5946299	5974528	5944614	5955147	0.28	cps
Scandium	45-1	6271868	6333781	6267257	6290969	0.59	cps
Scandium	45-2	520206	523799	521838	521948	0.34	cps
Selenium	82-1	421	428	496	448	9.14	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	180	160	190	177	8.65	cps
Silicon	28-1	162025	161520	161476	161674	0.19	cps
Silver	107-1	187	180	143	170	13.72	cps
Silver	109-1	163	167	117	149	18.78	cps
Sodium	23-2	12829	12649	12005	12494	3.47	cps
Strontium	86-1	233	280	223	246	12.32	cps
Strontium	88-1	257	270	197	241	16.20	cps
Sulfur	34-1	137068	137942	137757	137589	0.33	cps
Terbium	159-1	15971866	15595481	15668994	15745447	1.27	cps
Terbium	159-2	9897995	9834040	9852874	9861636	0.33	cps
Thallium	203-1	120	133	103	119	12.65	cps
Thallium	205-1	233	270	250	251	7.31	cps
Tin	118-1	973	897	943	938	4.12	cps
Titanium	47-1	113	103	133	117	13.10	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BL	Instrumnet Name :	P7
Client Sample ID :	PBS570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:42:39	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	17	13	14	13.35	cps
Vanadium	51-2	10	17	3	10	66.70	cps
Yttrium	89-1	12818197	12683103	12639592	12713631	0.73	cps
Yttrium	89-2	3116421	3026825	3056821	3066689	1.49	cps
Zinc	66-2	383	367	363	371	2.89	cps
Zirconium	90-1	780	777	760	772	1.39	cps
Zirconium	91-1	193	147	197	179	15.63	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BS	Instrumnet Name :	P7
Client Sample ID :	LCS570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:45:59	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6478	6348	6431	6419	1.03	cps
Antimony	121-1	30268	30726	30255	30417	0.88	cps
Arsenic	75-2	660	760	763	728	8.07	cps
Barium	135-1	38418	38973	39334	38909	1.19	cps
Barium	137-1	68380	67007	67305	67564	1.07	cps
Beryllium	9-1	2595	2419	2492	2502	3.55	cps
Bismuth	209-1	9465298	9456140	9464257	9461898	0.05	cps
Bismuth	209-2	7130816	7147798	7186654	7155089	0.40	cps
Bromine	81-1	8106	8259	8186	8183	0.94	cps
Bromine	81-2	37	47	53	46	18.41	cps
Cadmium	108-1	260	340	257	286	16.52	cps
Cadmium	106-1	3741	3834	3624	3733	2.82	cps
Cadmium	111-1	6444	6303	6251	6332	1.57	cps
Calcium	43-1	20033	19973	20007	20004	0.15	cps
Calcium	44-1	325333	323557	325319	324736	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13990	13710	13343	13681	2.37	cps
Cobalt	59-2	8683	8392	8889	8655	2.88	cps
Copper	63-2	13349	12992	13116	13153	1.38	cps
Dysprosium	156-1	17	13	23	18	28.64	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	97	130	103	110	16.03	cps
Erbium	164-2	43	70	70	61	25.20	cps
Gadolinium	160-1	57	60	67	61	8.33	cps
Gadolinium	160-2	520	530	543	531	2.20	cps
Holmium	165-1	15334430	15385957	15230117	15316834	0.52	cps
Holmium	165-2	9992100	9962095	10086958	10013717	0.65	cps
Indium	115-1	11953419	12023911	12040437	12005922	0.38	cps
Indium	115-2	3899546	3871328	3835033	3868636	0.84	cps
Iron	56-2	1034168	1024784	1030693	1029882	0.46	cps
Iron	57-2	26874	26647	26620	26714	0.52	cps
Iron	54-2	57881	57295	57884	57687	0.59	cps
Krypton	83-1	133	123	113	123	8.11	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BS	Instrumnet Name :	P7
Client Sample ID :	LCS570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:45:59	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11655	11375	11288	11439	1.68	cps
Lead	207-1	10191	9940	10067	10066	1.24	cps
Lead	208-1	46284	46034	45457	45925	0.92	cps
Lithium	6-1	1991572	1959483	1951202	1967419	1.08	cps
Magnesium	24-2	262564	261150	262049	261921	0.27	cps
Manganese	55-2	4757	4637	4827	4741	2.03	cps
Molybdenum	94-1	31384	31534	31220	31379	0.50	cps
Molybdenum	95-1	37087	37642	37311	37346	0.75	cps
Molybdenum	96-1	42963	42184	42227	42458	1.03	cps
Molybdenum	97-1	24073	23856	23973	23967	0.45	cps
Molybdenum	98-1	61606	60659	61140	61135	0.77	cps
Neodymium	150-1	7	27	20	18	57.27	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	2920	2747	2717	2795	3.93	cps
Phosphorus	31-2	103	107	127	112	11.25	cps
Potassium	39-2	371510	371529	370923	371320	0.09	cps
Rhodium	103-1	11193815	11073000	11211097	11159304	0.67	cps
Rhodium	103-2	6002478	5967581	5931157	5967072	0.60	cps
Scandium	45-1	6374506	6393761	6325611	6364626	0.55	cps
Scandium	45-2	526265	524555	524702	525174	0.18	cps
Selenium	82-1	1624	1700	1676	1666	2.35	cps
Selenium	77-2	107	90	117	104	12.90	cps
Selenium	78-2	510	587	533	543	7.23	cps
Silicon	28-1	229766	231430	232789	231328	0.65	cps
Silver	107-1	18589	18659	18959	18736	1.05	cps
Silver	109-1	17384	17607	17811	17601	1.21	cps
Sodium	23-2	418917	416416	419089	418141	0.36	cps
Strontium	86-1	5021	5211	4968	5066	2.53	cps
Strontium	88-1	42508	42321	42933	42587	0.74	cps
Sulfur	34-1	144159	142773	144065	143665	0.54	cps
Terbium	159-1	15988146	15737229	15600889	15775421	1.25	cps
Terbium	159-2	9877472	9782122	9773804	9811133	0.59	cps
Thallium	203-1	13257	13493	12966	13239	1.99	cps
Thallium	205-1	32158	31637	32028	31941	0.85	cps
Tin	118-1	957	1103	1080	1047	7.53	cps
Titanium	47-1	9293	9420	9300	9337	0.76	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BS	Instrumnet Name :	P7
Client Sample ID :	LCS570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:45:59	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41929	42695	42799	42474	1.12	cps
Vanadium	51-2	24640	24373	23919	24311	1.50	cps
Yttrium	89-1	12802205	12760113	12723695	12762004	0.31	cps
Yttrium	89-2	3082252	3054979	3069781	3069004	0.44	cps
Zinc	66-2	5324	5474	5471	5423	1.58	cps
Zirconium	90-1	26671	26798	26541	26670	0.48	cps
Zirconium	91-1	6021	5875	5925	5940	1.26	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:49:16	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3244	3007	3104	3118	3.82	cps
Antimony	121-1	15455	15498	15178	15377	1.13	cps
Arsenic	75-2	373	383	393	383	2.61	cps
Barium	135-1	19493	19674	19750	19639	0.67	cps
Barium	137-1	34682	34118	34445	34415	0.82	cps
Beryllium	9-1	1314	1325	1234	1291	3.83	cps
Bismuth	209-1	9498909	9398553	9397367	9431610	0.62	cps
Bismuth	209-2	7198059	7120513	7145925	7154832	0.55	cps
Bromine	81-1	8319	8169	8559	8349	2.36	cps
Bromine	81-2	50	50	57	52	7.37	cps
Cadmium	108-1	193	133	193	173	19.98	cps
Cadmium	106-1	3714	3647	3514	3625	2.81	cps
Cadmium	111-1	4588	4323	4388	4433	3.11	cps
Calcium	43-1	10000	10023	9917	9980	0.56	cps
Calcium	44-1	165606	166219	165700	165842	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8376	8139	7895	8137	2.95	cps
Cobalt	59-2	4394	4321	4177	4297	2.57	cps
Copper	63-2	7429	7168	7192	7263	1.98	cps
Dysprosium	156-1	43	13	23	27	57.29	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	147	77	117	113	30.99	cps
Erbium	164-2	47	73	57	59	22.87	cps
Gadolinium	160-1	53	47	70	57	21.21	cps
Gadolinium	160-2	567	527	503	532	6.02	cps
Holmium	165-1	15314146	15292549	15223349	15276681	0.31	cps
Holmium	165-2	9961580	9981253	9905992	9949609	0.39	cps
Indium	115-1	11972443	11948715	11984132	11968430	0.15	cps
Indium	115-2	3803440	3808473	3821606	3811173	0.25	cps
Iron	56-2	522098	522088	518766	520984	0.37	cps
Iron	57-2	13846	14057	14100	14001	0.97	cps
Iron	54-2	29202	29128	29773	29368	1.20	cps
Krypton	83-1	123	120	130	124	4.09	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:49:16	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6061	5891	5705	5886	3.03	cps
Lead	207-1	5214	5161	5161	5179	0.59	cps
Lead	208-1	23978	23585	23024	23529	2.04	cps
Lithium	6-1	1969747	2022000	1973176	1988308	1.47	cps
Magnesium	24-2	132522	131291	130185	131332	0.89	cps
Manganese	55-2	2677	2384	2537	2532	5.79	cps
Molybdenum	94-1	16096	16096	15341	15844	2.75	cps
Molybdenum	95-1	19169	19310	18849	19109	1.24	cps
Molybdenum	96-1	21296	21780	21419	21498	1.17	cps
Molybdenum	97-1	11942	12145	12128	12072	0.94	cps
Molybdenum	98-1	31380	30676	30482	30846	1.53	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1760	1670	1647	1692	3.54	cps
Phosphorus	31-2	133	137	143	138	3.70	cps
Potassium	39-2	205281	205206	205632	205373	0.11	cps
Rhodium	103-1	11252731	11127021	11099599	11159784	0.73	cps
Rhodium	103-2	5969371	6023005	5998144	5996840	0.45	cps
Scandium	45-1	6396802	6424424	6279954	6367060	1.20	cps
Scandium	45-2	524876	526227	523974	525026	0.22	cps
Selenium	82-1	1047	1059	1082	1063	1.69	cps
Selenium	77-2	33	47	70	50	37.12	cps
Selenium	78-2	313	320	350	328	5.96	cps
Silicon	28-1	197953	197172	198321	197815	0.30	cps
Silver	107-1	9560	9553	9523	9545	0.20	cps
Silver	109-1	8719	9160	9016	8965	2.50	cps
Sodium	23-2	214221	214421	213323	213988	0.27	cps
Strontium	86-1	2684	2644	2607	2645	1.45	cps
Strontium	88-1	21689	22220	21476	21795	1.76	cps
Sulfur	34-1	145326	145279	144953	145186	0.14	cps
Terbium	159-1	15847487	15672467	15777825	15765926	0.56	cps
Terbium	159-2	9895141	9742428	9800618	9812729	0.79	cps
Thallium	203-1	6755	6868	6725	6783	1.12	cps
Thallium	205-1	16023	15863	16170	16018	0.96	cps
Tin	118-1	937	897	1030	955	7.17	cps
Titanium	47-1	4451	4724	4694	4623	3.24	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	PB163570BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD570	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:49:16	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21217	20676	21077	20990	1.34	cps
Vanadium	51-2	11788	12162	12002	11984	1.56	cps
Yttrium	89-1	12908869	12785952	12598169	12764330	1.23	cps
Yttrium	89-2	3101048	3109509	3041839	3084132	1.20	cps
Zinc	66-2	2937	2800	2904	2880	2.47	cps
Zirconium	90-1	13887	13827	13753	13822	0.48	cps
Zirconium	91-1	3217	3080	3104	3134	2.33	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01	Instrumnet Name :	P7
Client Sample ID :	MYD3M2	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:52:35	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2388951	2342705	2331660	2354439	1.29	cps
Antimony	121-1	7055	7255	7252	7187	1.59	cps
Arsenic	75-2	15318	15358	15408	15361	0.29	cps
Barium	135-1	966369	971299	967305	968324	0.27	cps
Barium	137-1	1758321	1772771	1750889	1760660	0.63	cps
Beryllium	9-1	1775	1615	1743	1711	4.94	cps
Bismuth	209-1	9508337	9626590	9680993	9605307	0.92	cps
Bismuth	209-2	7036038	7120451	7093645	7083378	0.61	cps
Bromine	81-1	10420	10514	10494	10476	0.47	cps
Bromine	81-2	380	377	363	373	2.36	cps
Cadmium	108-1	270	230	260	253	8.22	cps
Cadmium	106-1	3837	4191	4011	4013	4.40	cps
Cadmium	111-1	5377	5643	5516	5512	2.41	cps
Calcium	43-1	115995	118538	115505	116680	1.40	cps
Calcium	44-1	1786338	1793697	1775978	1785338	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	144366	142994	143966	143775	0.49	cps
Cobalt	59-2	173729	172984	174949	173887	0.57	cps
Copper	63-2	340944	340802	338199	339982	0.45	cps
Dysprosium	156-1	57316	58950	58531	58266	1.46	cps
Dysprosium	156-2	45530	45490	45597	45539	0.12	cps
Erbium	164-1	42755	43431	43364	43183	0.86	cps
Erbium	164-2	27708	27674	27440	27607	0.53	cps
Gadolinium	160-1	50156	51116	50574	50615	0.95	cps
Gadolinium	160-2	33954	34456	34439	34283	0.83	cps
Holmium	165-1	15636616	15557104	15963851	15719191	1.37	cps
Holmium	165-2	10137208	10066141	10059621	10087657	0.43	cps
Indium	115-1	12100564	12060280	12180456	12113767	0.50	cps
Indium	115-2	3802365	3756833	3784549	3781249	0.61	cps
Iron	56-2	102543668	101967078	101613168	102041305	0.46	cps
Iron	57-2	2561069	2547591	2506680	2538447	1.12	cps
Iron	54-2	5568947	5491087	5517010	5525681	0.72	cps
Krypton	83-1	160	167	137	154	10.20	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01	Instrumnet Name :	P7
Client Sample ID :	MYD3M2	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:52:35	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	357595	354318	357964	356626	0.56	cps
Lead	207-1	304315	308713	306597	306542	0.72	cps
Lead	208-1	1394051	1400592	1405220	1399955	0.40	cps
Lithium	6-1	2015153	2001054	2094651	2036953	2.48	cps
Magnesium	24-2	2327883	2346660	2333400	2335981	0.41	cps
Manganese	55-2	6815777	6805546	6813858	6811727	0.08	cps
Molybdenum	94-1	22798	23275	23529	23201	1.60	cps
Molybdenum	95-1	4707	4844	4771	4774	1.43	cps
Molybdenum	96-1	10034	9997	9600	9877	2.43	cps
Molybdenum	97-1	2694	2824	2747	2755	2.37	cps
Molybdenum	98-1	6878	7202	7048	7043	2.30	cps
Neodymium	150-1	102616	104218	103993	103609	0.84	cps
Neodymium	150-2	56881	55351	55037	55756	1.77	cps
Nickel	60-2	66460	65392	66188	66013	0.84	cps
Phosphorus	31-2	13766	13539	13556	13621	0.93	cps
Potassium	39-2	1937332	1908827	1928141	1924767	0.76	cps
Rhodium	103-1	11100511	11181130	11291155	11190932	0.86	cps
Rhodium	103-2	5928666	5874452	5879294	5894137	0.51	cps
Scandium	45-1	6622007	6599038	6658682	6626576	0.45	cps
Scandium	45-2	532897	530283	528173	530451	0.45	cps
Selenium	82-1	544	559	636	580	8.54	cps
Selenium	77-2	157	157	137	150	7.70	cps
Selenium	78-2	243	253	257	251	2.76	cps
Silicon	28-1	37927328	38190300	37790980	37969536	0.53	cps
Silver	107-1	4327	4204	4261	4264	1.45	cps
Silver	109-1	4027	3857	4167	4017	3.87	cps
Sodium	23-2	74804	74814	75400	75006	0.46	cps
Strontium	86-1	107707	109241	108982	108643	0.76	cps
Strontium	88-1	955793	958289	948328	954137	0.54	cps
Sulfur	34-1	141699	138285	134539	138174	2.59	cps
Terbium	159-1	16072567	16140897	16445873	16219779	1.23	cps
Terbium	159-2	10003691	9859765	9899572	9921009	0.75	cps
Thallium	203-1	3761	3884	3751	3798	1.96	cps
Thallium	205-1	9023	9237	8710	8990	2.95	cps
Tin	118-1	10501	10794	10988	10761	2.28	cps
Titanium	47-1	852000	853759	851181	852314	0.15	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01	Instrumnet Name :	P7
Client Sample ID :	MYD3M2	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:52:35	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21471	21501	21578	21516	0.26	cps
Vanadium	51-2	259224	254919	253844	255996	1.11	cps
Yttrium	89-1	13411997	13558911	13772744	13581218	1.34	cps
Yttrium	89-2	3179966	3173576	3194198	3182580	0.33	cps
Zinc	66-2	83039	81960	81772	82257	0.83	cps
Zirconium	90-1	55712	56096	56130	55979	0.42	cps
Zirconium	91-1	12372	12452	12282	12369	0.69	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-02	Instrumnet Name :	P7
Client Sample ID :	MYD3M2D	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:55:44	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2298855	2302885	2346082	2315941	1.13	cps
Antimony	121-1	7102	7305	7072	7160	1.77	cps
Arsenic	75-2	15181	15742	15221	15381	2.03	cps
Barium	135-1	959232	972270	973315	968272	0.81	cps
Barium	137-1	1759843	1755176	1752062	1755694	0.22	cps
Beryllium	9-1	1572	1623	1528	1574	3.02	cps
Bismuth	209-1	9771275	9628963	9700390	9700209	0.73	cps
Bismuth	209-2	7221743	7280828	7144531	7215701	0.95	cps
Bromine	81-1	10207	10537	10334	10359	1.61	cps
Bromine	81-2	410	397	443	417	5.77	cps
Cadmium	108-1	243	260	257	253	3.48	cps
Cadmium	106-1	3914	3584	3644	3714	4.73	cps
Cadmium	111-1	5336	5127	5258	5240	2.02	cps
Calcium	43-1	112865	115300	114346	114170	1.07	cps
Calcium	44-1	1717552	1731351	1723729	1724210	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	144380	143084	143684	143716	0.45	cps
Cobalt	59-2	174845	174676	173756	174426	0.34	cps
Copper	63-2	336436	335213	336083	335910	0.19	cps
Dysprosium	156-1	57795	59318	58933	58682	1.35	cps
Dysprosium	156-2	45634	45697	45473	45601	0.25	cps
Erbium	164-1	43508	44009	43548	43688	0.64	cps
Erbium	164-2	27731	27811	26956	27499	1.72	cps
Gadolinium	160-1	51220	51538	51340	51366	0.31	cps
Gadolinium	160-2	34245	33670	33620	33845	1.03	cps
Holmium	165-1	15927041	15852009	15581258	15786769	1.15	cps
Holmium	165-2	10163991	10317543	10104267	10195267	1.08	cps
Indium	115-1	12036361	12057779	11977629	12023923	0.35	cps
Indium	115-2	3772844	3894394	3742321	3803186	2.12	cps
Iron	56-2	101277305	102001922	101905932	101728386	0.39	cps
Iron	57-2	2513427	2519560	2511924	2514970	0.16	cps
Iron	54-2	5516355	5584920	5606325	5569200	0.84	cps
Krypton	83-1	187	203	157	182	12.98	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-02	Instrumnet Name :	P7
Client Sample ID :	MYD3M2D	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:55:44	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	358056	360731	360505	359764	0.41	cps
Lead	207-1	310022	310704	311447	310724	0.23	cps
Lead	208-1	1409206	1427956	1425469	1420877	0.72	cps
Lithium	6-1	1999629	1961412	2016064	1992368	1.41	cps
Magnesium	24-2	2315585	2351137	2322755	2329826	0.81	cps
Manganese	55-2	6869745	6844146	6860614	6858168	0.19	cps
Molybdenum	94-1	23148	22537	23128	22938	1.51	cps
Molybdenum	95-1	4701	4471	4561	4577	2.53	cps
Molybdenum	96-1	9637	9583	9843	9688	1.42	cps
Molybdenum	97-1	2724	2800	2967	2830	4.40	cps
Molybdenum	98-1	7028	6942	6985	6985	0.62	cps
Neodymium	150-1	104100	104165	104275	104180	0.08	cps
Neodymium	150-2	55676	56148	55643	55822	0.51	cps
Nickel	60-2	66162	66426	66145	66244	0.24	cps
Phosphorus	31-2	13299	13429	13586	13438	1.07	cps
Potassium	39-2	1908030	1886125	1897732	1897296	0.58	cps
Rhodium	103-1	11114477	10869180	11026559	11003405	1.13	cps
Rhodium	103-2	5920858	6030374	5875294	5942176	1.34	cps
Scandium	45-1	6524750	6403108	6424886	6450915	1.01	cps
Scandium	45-2	526483	543212	524071	531255	1.96	cps
Selenium	82-1	529	441	573	515	13.06	cps
Selenium	77-2	97	120	167	128	27.89	cps
Selenium	78-2	283	227	310	273	15.57	cps
Silicon	28-1	36792493	37236425	37142709	37057209	0.63	cps
Silver	107-1	3514	3861	3767	3714	4.83	cps
Silver	109-1	3310	3377	3440	3376	1.93	cps
Sodium	23-2	76556	77393	78234	77394	1.08	cps
Strontium	86-1	107348	107955	108271	107858	0.44	cps
Strontium	88-1	942755	946982	955017	948251	0.66	cps
Sulfur	34-1	126424	123625	119737	123262	2.72	cps
Terbium	159-1	16386575	16264205	16190750	16280510	0.61	cps
Terbium	159-2	9944505	10213862	9799322	9985896	2.11	cps
Thallium	203-1	3064	2970	3110	3048	2.34	cps
Thallium	205-1	7265	7095	7589	7316	3.43	cps
Tin	118-1	10447	10314	10444	10402	0.73	cps
Titanium	47-1	823706	835901	825101	828236	0.81	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-02	Instrumnet Name :	P7
Client Sample ID :	MYD3M2D	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 16:55:44	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21664	21317	22022	21668	1.63	cps
Vanadium	51-2	258869	254336	257979	257061	0.93	cps
Yttrium	89-1	13516281	13369188	13374014	13419828	0.62	cps
Yttrium	89-2	3178042	3279245	3151633	3202973	2.10	cps
Zinc	66-2	82452	81253	82697	82134	0.94	cps
Zirconium	90-1	54675	55882	55474	55344	1.11	cps
Zirconium	91-1	12085	12182	12405	12224	1.34	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD3M2L	Dilution Factor :	5
Date & Time Acquired :	2024-09-29 16:58:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	443519	441799	439101	441473	0.50	cps
Antimony	121-1	1387	1413	1397	1399	0.96	cps
Arsenic	75-2	3000	2767	3004	2924	4.64	cps
Barium	135-1	183975	183701	181416	183031	0.77	cps
Barium	137-1	311071	312166	312146	311794	0.20	cps
Beryllium	9-1	282	338	329	316	9.60	cps
Bismuth	209-1	9671107	9686321	9488815	9615415	1.14	cps
Bismuth	209-2	7247217	7274626	7203866	7241903	0.49	cps
Bromine	81-1	8476	8549	8456	8494	0.58	cps
Bromine	81-2	120	97	93	103	14.06	cps
Cadmium	108-1	47	63	67	59	18.19	cps
Cadmium	106-1	3274	3214	3200	3229	1.21	cps
Cadmium	111-1	2806	2812	2744	2787	1.35	cps
Calcium	43-1	21021	21589	21265	21292	1.34	cps
Calcium	44-1	342939	348537	345844	345773	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28961	28430	28677	28690	0.93	cps
Cobalt	59-2	33183	32933	32291	32803	1.40	cps
Copper	63-2	63705	63199	63494	63466	0.40	cps
Dysprosium	156-1	10768	11131	11088	10996	1.81	cps
Dysprosium	156-2	8543	8499	8446	8496	0.57	cps
Erbium	164-1	8016	8109	8353	8159	2.13	cps
Erbium	164-2	5064	5231	5184	5160	1.67	cps
Gadolinium	160-1	9170	9820	9747	9579	3.72	cps
Gadolinium	160-2	6922	6665	6958	6848	2.34	cps
Holmium	165-1	16293851	15964709	15887599	16048720	1.34	cps
Holmium	165-2	10035754	10277664	9899282	10070900	1.90	cps
Indium	115-1	12530045	12143063	11975508	12216206	2.33	cps
Indium	115-2	3814558	3861036	3774412	3816669	1.14	cps
Iron	56-2	18975549	18736001	18941063	18884204	0.69	cps
Iron	57-2	500083	494855	491433	495457	0.88	cps
Iron	54-2	1089106	1088122	1081671	1086300	0.37	cps
Krypton	83-1	130	143	150	141	7.22	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD3M2L	Dilution Factor :	5
Date & Time Acquired :	2024-09-29 16:58:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	68736	68786	68210	68577	0.47	cps
Lead	207-1	58542	58314	58787	58548	0.40	cps
Lead	208-1	265711	267851	265430	266331	0.50	cps
Lithium	6-1	1916135	1930116	1947002	1931084	0.80	cps
Magnesium	24-2	447645	445637	445476	446253	0.27	cps
Manganese	55-2	1306125	1300504	1297776	1301468	0.33	cps
Molybdenum	94-1	4324	4417	4524	4422	2.26	cps
Molybdenum	95-1	1137	1087	1197	1140	4.83	cps
Molybdenum	96-1	2117	2024	2187	2109	3.89	cps
Molybdenum	97-1	697	683	650	677	3.55	cps
Molybdenum	98-1	1680	1833	1597	1703	7.05	cps
Neodymium	150-1	19554	19520	19714	19596	0.53	cps
Neodymium	150-2	10491	10150	10421	10354	1.74	cps
Nickel	60-2	12976	12502	12569	12682	2.02	cps
Phosphorus	31-2	2734	2547	2504	2595	4.71	cps
Potassium	39-2	406236	403683	403598	404505	0.37	cps
Rhodium	103-1	11242818	10992416	11055210	11096815	1.17	cps
Rhodium	103-2	5940123	6028883	5847994	5939000	1.52	cps
Scandium	45-1	6410788	6287900	6177077	6291922	1.86	cps
Scandium	45-2	514163	524090	510823	516359	1.34	cps
Selenium	82-1	433	416	469	439	6.11	cps
Selenium	77-2	23	27	37	29	24.03	cps
Selenium	78-2	180	167	177	174	3.98	cps
Silicon	28-1	6962184	7091704	7030950	7028279	0.92	cps
Silver	107-1	623	643	730	666	8.52	cps
Silver	109-1	633	603	590	609	3.64	cps
Sodium	23-2	26924	26887	26553	26788	0.76	cps
Strontium	86-1	20341	20668	20377	20462	0.88	cps
Strontium	88-1	174836	175410	176505	175584	0.48	cps
Sulfur	34-1	109532	111499	110821	110617	0.90	cps
Terbium	159-1	16089729	15924699	16205941	16073456	0.88	cps
Terbium	159-2	9823732	10041263	9780639	9881878	1.41	cps
Thallium	203-1	603	583	580	589	2.14	cps
Thallium	205-1	1473	1423	1397	1431	2.72	cps
Tin	118-1	2834	2967	3094	2965	4.39	cps
Titanium	47-1	154354	155533	154513	154800	0.41	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD3M2L	Dilution Factor :	5
Date & Time Acquired :	2024-09-29 16:58:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3971	4241	4024	4078	3.51	cps
Vanadium	51-2	47732	47184	47107	47341	0.72	cps
Yttrium	89-1	12860859	12898419	12622264	12793847	1.17	cps
Yttrium	89-2	3025390	3120936	3011403	3052577	1.95	cps
Zinc	66-2	16189	16699	16252	16380	1.70	cps
Zirconium	90-1	10871	11178	10717	10922	2.15	cps
Zirconium	91-1	2197	2420	2297	2305	4.85	cps

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On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-03	Instrumnet Name :	P7
Client Sample ID :	MYD3M2S	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:02:09	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2407908	2408071	2378207	2398062	0.72	cps
Antimony	121-1	451943	453419	451752	452371	0.20	cps
Arsenic	75-2	22931	22928	22914	22924	0.04	cps
Barium	135-1	3410947	3422702	3440169	3424606	0.43	cps
Barium	137-1	5861324	5890380	5875548	5875751	0.25	cps
Beryllium	9-1	35297	35423	35453	35391	0.23	cps
Bismuth	209-1	9267459	9556870	9450146	9424825	1.55	cps
Bismuth	209-2	7206488	7073541	7014227	7098085	1.39	cps
Bromine	81-1	9516	9620	9523	9553	0.61	cps
Bromine	81-2	417	350	337	368	11.65	cps
Cadmium	108-1	3841	3944	4187	3991	4.46	cps
Cadmium	106-1	8613	8666	8499	8593	0.99	cps
Cadmium	111-1	59429	60484	59495	59803	0.99	cps
Calcium	43-1	108303	109118	108870	108764	0.38	cps
Calcium	44-1	1655274	1661193	1667792	1661420	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	442988	444978	445276	444414	0.28	cps
Cobalt	59-2	1324703	1331703	1327642	1328016	0.26	cps
Copper	63-2	716802	714210	716849	715954	0.21	cps
Dysprosium	156-1	56958	57216	56289	56821	0.84	cps
Dysprosium	156-2	43537	44778	44524	44280	1.48	cps
Erbium	164-1	42050	42551	42708	42437	0.81	cps
Erbium	164-2	26191	26959	26288	26480	1.58	cps
Gadolinium	160-1	49664	49320	49517	49500	0.35	cps
Gadolinium	160-2	33316	32902	33557	33258	1.00	cps
Holmium	165-1	15559430	15737155	15706501	15667695	0.61	cps
Holmium	165-2	10149903	10117382	9986000	10084428	0.86	cps
Indium	115-1	11618923	11956499	11824974	11800132	1.44	cps
Indium	115-2	3807307	3730780	3739098	3759062	1.12	cps
Iron	56-2	99034012	99273435	98898985	99068811	0.19	cps
Iron	57-2	2475490	2455234	2503321	2478015	0.97	cps
Iron	54-2	5429565	5376381	5399748	5401898	0.49	cps
Krypton	83-1	150	177	147	158	10.42	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-03	Instrumnet Name :	P7
Client Sample ID :	MYD3M2S	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:02:09	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	410098	411523	417333	412985	0.93	cps
Lead	207-1	360297	359159	359232	359563	0.18	cps
Lead	208-1	1628789	1632548	1642514	1634617	0.43	cps
Lithium	6-1	1955626	1964980	1984447	1968351	0.75	cps
Magnesium	24-2	2256298	2229569	2244118	2243328	0.60	cps
Manganese	55-2	7191249	7208676	7252027	7217317	0.43	cps
Molybdenum	94-1	22400	22053	22805	22419	1.68	cps
Molybdenum	95-1	4601	4434	4361	4465	2.76	cps
Molybdenum	96-1	9173	9263	9326	9254	0.83	cps
Molybdenum	97-1	2674	2697	2637	2669	1.13	cps
Molybdenum	98-1	6825	6582	6802	6736	1.99	cps
Neodymium	150-1	101220	101663	101908	101597	0.34	cps
Neodymium	150-2	54823	54043	54341	54402	0.72	cps
Nickel	60-2	357056	360034	361113	359401	0.58	cps
Phosphorus	31-2	13309	13119	13039	13156	1.06	cps
Potassium	39-2	1812488	1816899	1821299	1816895	0.24	cps
Rhodium	103-1	10803439	10859758	10959554	10874250	0.73	cps
Rhodium	103-2	5893857	5870417	5796113	5853462	0.87	cps
Scandium	45-1	6212420	6204320	6218684	6211808	0.12	cps
Scandium	45-2	527278	520982	514482	520914	1.23	cps
Selenium	82-1	8726	8463	8530	8573	1.59	cps
Selenium	77-2	837	957	830	874	8.15	cps
Selenium	78-2	2590	2654	2817	2687	4.35	cps
Silicon	28-1	35134435	35336054	35355809	35275433	0.35	cps
Silver	107-1	269421	272843	272830	271698	0.73	cps
Silver	109-1	257283	256901	261597	258594	1.01	cps
Sodium	23-2	69697	70992	71438	70709	1.28	cps
Strontium	86-1	104141	104843	103665	104216	0.57	cps
Strontium	88-1	919677	914988	916841	917168	0.26	cps
Sulfur	34-1	113108	110412	110086	111202	1.49	cps
Terbium	159-1	15876366	16099550	16195857	16057258	1.02	cps
Terbium	159-2	10045019	9918030	9805030	9922693	1.21	cps
Thallium	203-1	196962	202016	201171	200050	1.35	cps
Thallium	205-1	468884	477424	473832	473380	0.91	cps
Tin	118-1	9913	10140	10587	10214	3.36	cps
Titanium	47-1	793754	799064	799067	797295	0.38	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-03	Instrumnet Name :	P7
Client Sample ID :	MYD3M2S	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:02:09	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20920	21097	21254	21090	0.79	cps
Vanadium	51-2	919103	921065	916728	918965	0.24	cps
Yttrium	89-1	12894246	13126582	13096032	13038953	0.97	cps
Yttrium	89-2	3181254	3123300	3086979	3130511	1.52	cps
Zinc	66-2	215643	214585	214433	214887	0.31	cps
Zirconium	90-1	53089	53554	53423	53355	0.45	cps
Zirconium	91-1	11905	12058	11832	11932	0.97	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD3M2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:05:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2948038	2954602	2937198	2946613	0.30	cps
Antimony	121-1	2240119	2222807	2252009	2238312	0.66	cps
Arsenic	75-2	52740	53044	53663	53149	0.89	cps
Barium	135-1	12624165	12781091	12738658	12714638	0.64	cps
Barium	137-1	21834915	22320929	22204704	22120182	1.15	cps
Beryllium	9-1	164662	164964	165644	165090	0.30	cps
Bismuth	209-1	9647299	9510022	9765989	9641103	1.33	cps
Bismuth	209-2	7065237	7079951	7088754	7077981	0.17	cps
Bromine	81-1	9126	9396	9420	9314	1.75	cps
Bromine	81-2	363	397	437	399	9.21	cps
Cadmium	108-1	17614	17881	17718	17738	0.76	cps
Cadmium	106-1	27623	27736	27787	27715	0.30	cps
Cadmium	111-1	270425	278457	277661	275514	1.61	cps
Calcium	43-1	105151	106356	106909	106139	0.85	cps
Calcium	44-1	1616826	1624269	1597267	1612787	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1615109	1612582	1609506	1612399	0.17	cps
Cobalt	59-2	5860920	5803686	5865939	5843515	0.59	cps
Copper	63-2	2279396	2245570	2280311	2268426	0.87	cps
Dysprosium	156-1	55305	55824	56543	55891	1.11	cps
Dysprosium	156-2	44223	43868	44106	44066	0.41	cps
Erbium	164-1	40639	41879	42073	41530	1.87	cps
Erbium	164-2	26532	26308	26722	26521	0.78	cps
Gadolinium	160-1	47918	49316	49129	48788	1.56	cps
Gadolinium	160-2	32755	33243	32818	32939	0.81	cps
Holmium	165-1	15689459	15717901	16283710	15897023	2.11	cps
Holmium	165-2	10005082	9993968	10002089	10000380	0.06	cps
Indium	115-1	11845280	11654657	12124369	11874769	1.99	cps
Indium	115-2	3719149	3721469	3722196	3720938	0.04	cps
Iron	56-2	102409602	103307568	103591305	103102825	0.60	cps
Iron	57-2	2524314	2606412	2535048	2555258	1.75	cps
Iron	54-2	5635458	5650854	5640372	5642228	0.14	cps
Krypton	83-1	200	183	247	210	15.63	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD3M2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:05:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	655672	663758	662225	660552	0.65	cps
Lead	207-1	565722	575160	573930	571604	0.90	cps
Lead	208-1	2592264	2640142	2624523	2618976	0.93	cps
Lithium	6-1	1962601	1924609	1928124	1938445	1.08	cps
Magnesium	24-2	2187954	2206510	2192378	2195614	0.44	cps
Manganese	55-2	9196727	9396535	9328375	9307212	1.09	cps
Molybdenum	94-1	21446	21706	21970	21707	1.21	cps
Molybdenum	95-1	4427	4704	4601	4577	3.06	cps
Molybdenum	96-1	9323	9346	10024	9564	4.16	cps
Molybdenum	97-1	2524	2600	2640	2588	2.29	cps
Molybdenum	98-1	6942	6832	6828	6867	0.94	cps
Neodymium	150-1	100559	100428	100327	100438	0.12	cps
Neodymium	150-2	53420	52992	53003	53138	0.46	cps
Nickel	60-2	1529659	1533084	1548999	1537247	0.67	cps
Phosphorus	31-2	12946	12102	12722	12590	3.47	cps
Potassium	39-2	1763140	1776772	1773106	1771006	0.40	cps
Rhodium	103-1	10894427	10811018	11128793	10944746	1.51	cps
Rhodium	103-2	5806728	5854345	5769568	5810214	0.73	cps
Scandium	45-1	6215798	6295579	6407467	6306281	1.53	cps
Scandium	45-2	513059	514485	511255	512933	0.32	cps
Selenium	82-1	32672	32434	32382	32496	0.48	cps
Selenium	77-2	3220	2884	3067	3057	5.51	cps
Selenium	78-2	9516	10084	9973	9858	3.05	cps
Silicon	28-1	33941350	34536518	34383002	34286957	0.90	cps
Silver	107-1	1316561	1335124	1334551	1328745	0.79	cps
Silver	109-1	1254442	1267246	1258460	1260049	0.52	cps
Sodium	23-2	64461	65662	64826	64983	0.95	cps
Strontium	86-1	101826	103047	102349	102407	0.60	cps
Strontium	88-1	892897	904510	909020	902142	0.92	cps
Sulfur	34-1	106578	105524	106004	106035	0.50	cps
Terbium	159-1	16270815	16281049	16329155	16293673	0.19	cps
Terbium	159-2	9845213	9842453	9700724	9796130	0.84	cps
Thallium	203-1	956194	974832	974146	968390	1.09	cps
Thallium	205-1	2529183	2590282	2532456	2550641	1.35	cps
Tin	118-1	8833	8803	8826	8821	0.18	cps
Titanium	47-1	774320	785359	788849	782843	0.97	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD3M2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:05:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20553	21324	20963	20947	1.84	cps
Vanadium	51-2	3488949	3510604	3475220	3491591	0.51	cps
Yttrium	89-1	13116361	12996492	13442547	13185133	1.75	cps
Yttrium	89-2	3174929	3158415	3095065	3142803	1.34	cps
Zinc	66-2	746847	745848	741332	744675	0.39	cps
Zirconium	90-1	52196	52972	52962	52710	0.84	cps
Zirconium	91-1	12025	12112	12542	12226	2.27	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-04	Instrumnet Name :	P7
Client Sample ID :	MYD475	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:08:13	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3271507	3280426	3247770	3266568	0.52	cps
Antimony	121-1	6421	6432	6545	6466	1.06	cps
Arsenic	75-2	35212	33825	34036	34358	2.17	cps
Barium	135-1	642419	651591	655381	649797	1.03	cps
Barium	137-1	1119199	1125682	1131936	1125606	0.57	cps
Beryllium	9-1	1538	1530	1528	1532	0.33	cps
Bismuth	209-1	9376347	9467254	9482946	9442182	0.61	cps
Bismuth	209-2	7155436	7086070	7052354	7097953	0.74	cps
Bromine	81-1	9350	9136	9380	9289	1.43	cps
Bromine	81-2	453	463	467	461	1.51	cps
Cadmium	108-1	393	430	363	396	8.44	cps
Cadmium	106-1	3657	3657	3834	3716	2.75	cps
Cadmium	111-1	6745	6933	7124	6934	2.73	cps
Calcium	43-1	298347	303439	304460	302082	1.08	cps
Calcium	44-1	4507295	4535216	4549778	4530763	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56455	55749	56421	56209	0.71	cps
Cobalt	59-2	136285	134550	136648	135828	0.83	cps
Copper	63-2	490441	491031	487867	489779	0.34	cps
Dysprosium	156-1	56403	58883	58280	57855	2.24	cps
Dysprosium	156-2	43437	43668	44634	43913	1.45	cps
Erbium	164-1	50641	50752	50618	50670	0.14	cps
Erbium	164-2	31850	32431	32127	32136	0.90	cps
Gadolinium	160-1	55774	56379	57521	56558	1.57	cps
Gadolinium	160-2	38560	38680	38526	38589	0.21	cps
Holmium	165-1	15543436	15791694	15633928	15656353	0.80	cps
Holmium	165-2	10238508	9880410	10006130	10041683	1.81	cps
Indium	115-1	11903503	11861450	11790313	11851755	0.48	cps
Indium	115-2	3754509	3723679	3727313	3735167	0.45	cps
Iron	56-2	93600949	94926655	93072332	93866645	1.02	cps
Iron	57-2	2316737	2329097	2335798	2327210	0.42	cps
Iron	54-2	5154119	5106122	5129991	5130077	0.47	cps
Krypton	83-1	237	170	257	221	20.52	cps

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On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-04	Instrumnet Name :	P7
Client Sample ID :	MYD475	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:08:13	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	621208	627303	633944	627485	1.02	cps
Lead	207-1	571436	575362	581285	576028	0.86	cps
Lead	208-1	2536451	2559479	2579159	2558363	0.84	cps
Lithium	6-1	1878582	1916735	1976787	1924034	2.57	cps
Magnesium	24-2	3054372	3041437	3010011	3035274	0.75	cps
Manganese	55-2	3844642	3869327	3798025	3837331	0.94	cps
Molybdenum	94-1	10007	10247	10134	10129	1.19	cps
Molybdenum	95-1	2030	1990	1990	2003	1.15	cps
Molybdenum	96-1	4791	5128	5248	5055	4.68	cps
Molybdenum	97-1	1137	1123	1073	1111	3.01	cps
Molybdenum	98-1	3190	2927	2880	2999	5.57	cps
Neodymium	150-1	97074	97773	97907	97585	0.46	cps
Neodymium	150-2	53166	51062	51818	52015	2.05	cps
Nickel	60-2	29940	29790	29876	29869	0.25	cps
Phosphorus	31-2	16970	17343	17143	17152	1.09	cps
Potassium	39-2	1227166	1225558	1229237	1227320	0.15	cps
Rhodium	103-1	10717644	10976608	10703292	10799181	1.42	cps
Rhodium	103-2	5892716	5779779	5824238	5832244	0.98	cps
Scandium	45-1	6213709	6150254	6160148	6174704	0.55	cps
Scandium	45-2	523116	514239	509457	515604	1.34	cps
Selenium	82-1	519	565	546	543	4.23	cps
Selenium	77-2	130	163	143	146	11.53	cps
Selenium	78-2	283	227	253	254	11.14	cps
Silicon	28-1	32747540	33179532	33467315	33131463	1.09	cps
Silver	107-1	8276	7685	7302	7754	6.33	cps
Silver	109-1	7359	6938	7245	7181	3.03	cps
Sodium	23-2	80422	81524	82697	81548	1.40	cps
Strontium	86-1	127150	127890	130092	128377	1.19	cps
Strontium	88-1	1123048	1134648	1141403	1133033	0.82	cps
Sulfur	34-1	112457	112402	112308	112389	0.07	cps
Terbium	159-1	16072116	16183727	16330469	16195438	0.80	cps
Terbium	159-2	10254946	9858939	9867482	9993789	2.26	cps
Thallium	203-1	1673	1597	1503	1591	5.35	cps
Thallium	205-1	4007	4014	4081	4034	1.01	cps
Tin	118-1	7729	7502	7529	7587	1.63	cps
Titanium	47-1	1136687	1153611	1156191	1148830	0.92	cps

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On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-04	Instrumnet Name :	P7
Client Sample ID :	MYD475	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:08:13	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12846	12836	13183	12955	1.52	cps
Vanadium	51-2	193838	194044	194564	194148	0.19	cps
Yttrium	89-1	13290254	13460300	13508391	13419649	0.85	cps
Yttrium	89-2	3218911	3101879	3145944	3155578	1.87	cps
Zinc	66-2	179184	178108	180459	179250	0.66	cps
Zirconium	90-1	23736	24541	24190	24156	1.67	cps
Zirconium	91-1	5571	5654	5398	5541	2.36	cps

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On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-05	Instrumnet Name :	P7
Client Sample ID :	MYD476	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:11:25	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3636292	3613441	3565056	3604930	1.01	cps
Antimony	121-1	5031	5191	5178	5133	1.73	cps
Arsenic	75-2	18922	19306	18832	19020	1.32	cps
Barium	135-1	842661	846824	860999	850161	1.13	cps
Barium	137-1	1457669	1484107	1479986	1473921	0.97	cps
Beryllium	9-1	1617	1754	1746	1706	4.50	cps
Bismuth	209-1	9555788	9510543	9508233	9524854	0.28	cps
Bismuth	209-2	7069420	6956140	7036017	7020526	0.83	cps
Bromine	81-1	9637	9486	9570	9564	0.79	cps
Bromine	81-2	363	287	407	352	17.25	cps
Cadmium	108-1	187	143	207	179	18.10	cps
Cadmium	106-1	3550	3540	3404	3498	2.34	cps
Cadmium	111-1	4131	4041	3838	4004	3.75	cps
Calcium	43-1	391976	396341	399021	395779	0.90	cps
Calcium	44-1	5942237	6012884	5952611	5969244	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60196	59865	60464	60175	0.50	cps
Cobalt	59-2	148721	148408	148024	148385	0.24	cps
Copper	63-2	248110	247392	246775	247426	0.27	cps
Dysprosium	156-1	74482	75190	75461	75045	0.67	cps
Dysprosium	156-2	55650	55763	56329	55914	0.65	cps
Erbium	164-1	63741	64789	65576	64702	1.42	cps
Erbium	164-2	41294	42013	41144	41484	1.12	cps
Gadolinium	160-1	72700	74751	74399	73950	1.48	cps
Gadolinium	160-2	50059	48688	50922	49890	2.26	cps
Holmium	165-1	15748401	15629754	15811996	15730050	0.59	cps
Holmium	165-2	10222152	9921129	9955880	10033054	1.64	cps
Indium	115-1	11792880	11843273	11900791	11845648	0.46	cps
Indium	115-2	3761243	3714622	3734189	3736685	0.63	cps
Iron	56-2	96688975	96804172	95923369	96472172	0.50	cps
Iron	57-2	2365745	2411808	2398238	2391930	0.99	cps
Iron	54-2	5189778	5292405	5306553	5262912	1.21	cps
Krypton	83-1	220	210	173	201	12.22	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-05	Instrumnet Name :	P7
Client Sample ID :	MYD476	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:11:25	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	331020	335425	336075	334174	0.82	cps
Lead	207-1	296041	299762	299187	298330	0.67	cps
Lead	208-1	1324169	1346357	1343001	1337842	0.89	cps
Lithium	6-1	1886650	1965483	1946595	1932909	2.13	cps
Magnesium	24-2	3394818	3387375	3389483	3390559	0.11	cps
Manganese	55-2	3905528	3966879	3923698	3932035	0.80	cps
Molybdenum	94-1	10274	10207	10711	10397	2.63	cps
Molybdenum	95-1	2104	2217	2154	2158	2.63	cps
Molybdenum	96-1	5014	5248	5311	5191	3.01	cps
Molybdenum	97-1	1323	1323	1307	1318	0.73	cps
Molybdenum	98-1	2877	3240	3157	3091	6.16	cps
Neodymium	150-1	128462	129379	130349	129397	0.73	cps
Neodymium	150-2	68585	67862	69011	68486	0.85	cps
Nickel	60-2	32579	33558	32793	32976	1.56	cps
Phosphorus	31-2	19132	19082	18284	18833	2.53	cps
Potassium	39-2	881445	882288	880574	881436	0.10	cps
Rhodium	103-1	10859881	10893374	10879654	10877637	0.15	cps
Rhodium	103-2	5996004	5751216	5791692	5846304	2.24	cps
Scandium	45-1	6150955	6223463	6272092	6215503	0.98	cps
Scandium	45-2	518812	519487	512903	517068	0.70	cps
Selenium	82-1	543	532	591	555	5.64	cps
Selenium	77-2	190	203	177	190	7.02	cps
Selenium	78-2	353	303	293	317	10.15	cps
Silicon	28-1	27921980	28332418	28161092	28138497	0.73	cps
Silver	107-1	4194	4317	4461	4324	3.09	cps
Silver	109-1	4201	4281	4437	4306	2.80	cps
Sodium	23-2	77112	78177	78224	77837	0.81	cps
Strontium	86-1	187190	190637	190927	189585	1.10	cps
Strontium	88-1	1669525	1686755	1697327	1684535	0.83	cps
Sulfur	34-1	113289	113406	113142	113279	0.12	cps
Terbium	159-1	16154979	16374802	16100508	16210096	0.90	cps
Terbium	159-2	9730316	9954101	10008404	9897607	1.49	cps
Thallium	203-1	1350	1413	1460	1408	3.92	cps
Thallium	205-1	3474	3374	3387	3412	1.59	cps
Tin	118-1	6075	6198	6468	6247	3.22	cps
Titanium	47-1	993001	1011740	1008200	1004314	0.99	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-05	Instrumnet Name :	P7
Client Sample ID :	MYD476	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:11:25	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14441	14221	14271	14311	0.81	cps
Vanadium	51-2	241885	237581	238675	239380	0.93	cps
Yttrium	89-1	13506842	13797197	13500550	13601530	1.25	cps
Yttrium	89-2	3280973	3192991	3218487	3230817	1.40	cps
Zinc	66-2	103868	101324	101085	102092	1.51	cps
Zirconium	90-1	25028	25923	25178	25376	1.89	cps
Zirconium	91-1	5558	5538	5815	5637	2.74	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-06	Instrumnet Name :	P7
Client Sample ID :	MYD477	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:14:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2474554	2422928	2448190	2448557	1.05	cps
Antimony	121-1	6662	6642	6635	6646	0.21	cps
Arsenic	75-2	41685	40816	41123	41208	1.07	cps
Barium	135-1	562358	561827	564080	562755	0.21	cps
Barium	137-1	970345	979369	983866	977860	0.70	cps
Beryllium	9-1	1207	1238	1206	1217	1.50	cps
Bismuth	209-1	9477243	9543301	9548067	9522870	0.42	cps
Bismuth	209-2	5836913	7496836	7087485	6807078	12.70	cps
Bromine	81-1	9076	8959	9547	9194	3.38	cps
Bromine	81-2	297	313	297	302	3.18	cps
Cadmium	108-1	353	333	317	334	5.49	cps
Cadmium	106-1	3784	3624	3647	3685	2.35	cps
Cadmium	111-1	6635	6371	6679	6562	2.54	cps
Calcium	43-1	271807	273628	275450	273628	0.67	cps
Calcium	44-1	4077376	4133678	4098354	4103136	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45702	44783	44285	44923	1.60	cps
Cobalt	59-2	123294	121604	121836	122245	0.75	cps
Copper	63-2	540340	536013	535693	537349	0.48	cps
Dysprosium	156-1	54388	54847	54863	54699	0.49	cps
Dysprosium	156-2	41488	40558	40321	40789	1.51	cps
Erbium	164-1	47708	48688	48126	48174	1.02	cps
Erbium	164-2	31215	30520	30523	30753	1.30	cps
Gadolinium	160-1	52267	54599	53672	53513	2.19	cps
Gadolinium	160-2	35852	35104	34974	35310	1.34	cps
Holmium	165-1	15671597	15840971	15942654	15818407	0.87	cps
Holmium	165-2	8281691	10618796	10220055	9706847	12.88	cps
Indium	115-1	11910107	11813802	11885480	11869796	0.42	cps
Indium	115-2	3043880	3925116	3735699	3568231	13.00	cps
Iron	56-2	73220431	71893997	72034816	72383081	1.01	cps
Iron	57-2	1839941	1807263	1812171	1819792	0.97	cps
Iron	54-2	4027992	3903184	3909832	3947003	1.78	cps
Krypton	83-1	240	207	253	233	10.30	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-06	Instrumnet Name :	P7
Client Sample ID :	MYD477	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:14:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	662789	669232	677600	669873	1.11	cps
Lead	207-1	614396	619336	622089	618607	0.63	cps
Lead	208-1	2707568	2732272	2753207	2731016	0.84	cps
Lithium	6-1	1929709	1925520	1929720	1928316	0.13	cps
Magnesium	24-2	2319021	2279930	2270443	2289798	1.12	cps
Manganese	55-2	3639339	3597102	3605739	3614060	0.62	cps
Molybdenum	94-1	9843	9893	9853	9863	0.27	cps
Molybdenum	95-1	2380	2360	2414	2385	1.13	cps
Molybdenum	96-1	5214	5064	5384	5221	3.07	cps
Molybdenum	97-1	1287	1380	1443	1370	5.75	cps
Molybdenum	98-1	3607	3654	3600	3620	0.80	cps
Neodymium	150-1	88911	89794	89126	89277	0.52	cps
Neodymium	150-2	47463	46871	46995	47109	0.66	cps
Nickel	60-2	25615	24560	24627	24934	2.37	cps
Phosphorus	31-2	22570	22016	22527	22371	1.38	cps
Potassium	39-2	1124660	1107292	1104505	1112152	0.98	cps
Rhodium	103-1	10838722	10775595	10827248	10813855	0.31	cps
Rhodium	103-2	4788855	6151172	5930175	5623401	13.00	cps
Scandium	45-1	6130971	6114112	6152384	6132489	0.31	cps
Scandium	45-2	406941	536746	511155	484947	14.18	cps
Selenium	82-1	475	543	459	492	9.04	cps
Selenium	77-2	147	120	120	129	11.95	cps
Selenium	78-2	253	233	260	249	5.58	cps
Silicon	28-1	28307704	28324460	28392413	28341525	0.16	cps
Silver	107-1	7375	7672	7672	7573	2.26	cps
Silver	109-1	7352	7299	7145	7265	1.48	cps
Sodium	23-2	80991	80847	82161	81333	0.89	cps
Strontium	86-1	105337	104917	106394	105549	0.72	cps
Strontium	88-1	920483	924455	929797	924912	0.51	cps
Sulfur	34-1	115704	115106	114065	114958	0.72	cps
Terbium	159-1	16148107	15879146	16339069	16122107	1.43	cps
Terbium	159-2	7912928	10379400	9725134	9339154	13.68	cps
Thallium	203-1	1473	1330	1363	1389	5.40	cps
Thallium	205-1	3510	3397	3484	3464	1.71	cps
Tin	118-1	6625	6585	6715	6642	1.00	cps
Titanium	47-1	1010017	1021213	1024053	1018427	0.73	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-06	Instrumnet Name :	P7
Client Sample ID :	MYD477	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:14:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12099	12189	12573	12287	2.05	cps
Vanadium	51-2	155424	152747	150801	152991	1.52	cps
Yttrium	89-1	13353473	13315946	13426767	13365395	0.42	cps
Yttrium	89-2	2632694	3340834	3190856	3054794	12.22	cps
Zinc	66-2	145932	143710	143805	144482	0.87	cps
Zirconium	90-1	23168	23332	23833	23444	1.48	cps
Zirconium	91-1	5381	5484	5361	5409	1.22	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-07	Instrumnet Name :	P7
Client Sample ID :	MYD478	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:17:46	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2173406	2205789	2190074	2189756	0.74	cps
Antimony	121-1	6962	7195	7289	7149	2.35	cps
Arsenic	75-2	34964	35068	34617	34883	0.68	cps
Barium	135-1	597026	608271	603178	602825	0.93	cps
Barium	137-1	1033518	1048259	1040246	1040674	0.71	cps
Beryllium	9-1	1220	1320	1316	1285	4.41	cps
Bismuth	209-1	9624176	9631773	9586257	9614069	0.25	cps
Bismuth	209-2	7054560	7185093	6985922	7075192	1.43	cps
Bromine	81-1	9263	9536	9503	9434	1.58	cps
Bromine	81-2	240	300	320	287	14.52	cps
Cadmium	108-1	363	380	300	348	12.14	cps
Cadmium	106-1	3704	3774	3704	3727	1.08	cps
Cadmium	111-1	7153	7060	7060	7091	0.75	cps
Calcium	43-1	255252	258496	256310	256686	0.64	cps
Calcium	44-1	3865476	3841148	3857993	3854872	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44609	44144	44643	44465	0.63	cps
Cobalt	59-2	109489	109314	111204	110002	0.95	cps
Copper	63-2	626017	620387	619127	621844	0.59	cps
Dysprosium	156-1	53281	54609	55292	54394	1.88	cps
Dysprosium	156-2	40508	39783	39569	39953	1.23	cps
Erbium	164-1	46531	46825	47273	46876	0.80	cps
Erbium	164-2	30336	29180	29728	29748	1.94	cps
Gadolinium	160-1	51394	52264	52454	52037	1.09	cps
Gadolinium	160-2	34877	35989	35211	35359	1.61	cps
Holmium	165-1	15702517	15817657	15747353	15755842	0.37	cps
Holmium	165-2	9852769	10066770	9738734	9886091	1.68	cps
Indium	115-1	11920589	11852731	11789886	11854402	0.55	cps
Indium	115-2	3644712	3731516	3650426	3675551	1.32	cps
Iron	56-2	67559304	66657222	66714786	66977104	0.75	cps
Iron	57-2	1684840	1668782	1680525	1678049	0.50	cps
Iron	54-2	3693306	3625197	3556373	3624959	1.89	cps
Krypton	83-1	180	183	163	176	6.10	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-07	Instrumnet Name :	P7
Client Sample ID :	MYD478	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:17:46	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	807312	810515	813773	810533	0.40	cps
Lead	207-1	735334	740663	745091	740363	0.66	cps
Lead	208-1	3450573	3465026	3482304	3465968	0.46	cps
Lithium	6-1	1905496	1950077	1918138	1924570	1.19	cps
Magnesium	24-2	2042429	2004470	1995400	2014100	1.24	cps
Manganese	55-2	3463954	3442023	3400761	3435579	0.93	cps
Molybdenum	94-1	7329	7158	7415	7301	1.79	cps
Molybdenum	95-1	2290	2410	2550	2417	5.38	cps
Molybdenum	96-1	4494	4617	4821	4644	3.55	cps
Molybdenum	97-1	1413	1337	1450	1400	4.13	cps
Molybdenum	98-1	3564	3607	3487	3553	1.71	cps
Neodymium	150-1	86634	86809	86573	86672	0.14	cps
Neodymium	150-2	46517	45740	46051	46103	0.85	cps
Nickel	60-2	24089	24751	24440	24427	1.35	cps
Phosphorus	31-2	22219	21879	22343	22147	1.08	cps
Potassium	39-2	1209794	1299468	1210379	1239881	4.16	cps
Rhodium	103-1	10863934	10913376	10864987	10880766	0.26	cps
Rhodium	103-2	5767287	5884189	5716968	5789481	1.48	cps
Scandium	45-1	6084949	6062639	6041800	6063129	0.36	cps
Scandium	45-2	497515	510644	490111	499423	2.08	cps
Selenium	82-1	504	586	569	553	7.81	cps
Selenium	77-2	153	120	127	133	13.23	cps
Selenium	78-2	257	230	210	232	10.08	cps
Silicon	28-1	27488012	27706268	27771143	27655141	0.54	cps
Silver	107-1	8086	8319	8423	8276	2.09	cps
Silver	109-1	7402	7562	7705	7556	2.01	cps
Sodium	23-2	80026	80546	81025	80532	0.62	cps
Strontium	86-1	117110	116452	117796	117120	0.57	cps
Strontium	88-1	1016241	1034502	1028632	1026458	0.91	cps
Sulfur	34-1	109751	109851	110354	109985	0.29	cps
Terbium	159-1	16120430	16101559	16041360	16087783	0.26	cps
Terbium	159-2	9713323	9973310	9474761	9720465	2.57	cps
Thallium	203-1	1540	1480	1497	1506	2.06	cps
Thallium	205-1	3337	3430	3380	3383	1.38	cps
Tin	118-1	8413	8579	8833	8608	2.46	cps
Titanium	47-1	1007883	1015035	1013130	1012016	0.37	cps

Reviewed By:mohan
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LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-07	Instrumnet Name :	P7
Client Sample ID :	MYD478	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:17:46	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12956	13023	13207	13062	0.99	cps
Vanadium	51-2	144992	144043	144723	144586	0.34	cps
Yttrium	89-1	13233328	13319826	13147530	13233561	0.65	cps
Yttrium	89-2	3074541	3154176	3059836	3096184	1.64	cps
Zinc	66-2	162637	162937	161735	162437	0.39	cps
Zirconium	90-1	16373	16232	15962	16189	1.29	cps
Zirconium	91-1	3747	3634	3701	3694	1.54	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-14	Instrumnet Name :	P7
Client Sample ID :	MYD485	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:20:58	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2876721	2847456	2867066	2863747	0.52	cps
Antimony	121-1	6778	6955	7015	6916	1.78	cps
Arsenic	75-2	33003	32997	32666	32889	0.59	cps
Barium	135-1	700729	709324	703631	704561	0.62	cps
Barium	137-1	1208688	1224918	1220276	1217961	0.69	cps
Beryllium	9-1	1499	1611	1678	1596	5.68	cps
Bismuth	209-1	9390166	9454912	9444985	9430021	0.37	cps
Bismuth	209-2	7419270	7163032	6959137	7180480	3.21	cps
Bromine	81-1	9627	9783	10067	9826	2.27	cps
Bromine	81-2	413	457	427	432	5.14	cps
Cadmium	108-1	347	367	417	377	9.57	cps
Cadmium	106-1	3824	3697	4011	3844	4.10	cps
Cadmium	111-1	7048	7002	7200	7083	1.46	cps
Calcium	43-1	308962	314883	313223	312356	0.98	cps
Calcium	44-1	4716737	4720911	4756329	4731326	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87579	86617	86831	87009	0.58	cps
Cobalt	59-2	128578	128598	129822	128999	0.55	cps
Copper	63-2	409958	408654	412174	410262	0.43	cps
Dysprosium	156-1	62646	64547	64544	63912	1.72	cps
Dysprosium	156-2	47343	48928	48795	48355	1.82	cps
Erbium	164-1	53599	54663	55125	54462	1.44	cps
Erbium	164-2	34322	34633	34900	34618	0.84	cps
Gadolinium	160-1	62730	62575	62679	62661	0.13	cps
Gadolinium	160-2	42548	40849	40328	41242	2.81	cps
Holmium	165-1	15590998	15348707	15448293	15462666	0.79	cps
Holmium	165-2	10341163	10000583	9880467	10074071	2.37	cps
Indium	115-1	11644220	11700446	11672597	11672421	0.24	cps
Indium	115-2	3848897	3747045	3621991	3739311	3.04	cps
Iron	56-2	85756652	85089335	85724359	85523449	0.44	cps
Iron	57-2	2141040	2122302	2126918	2130087	0.46	cps
Iron	54-2	4649443	4579980	4615016	4614813	0.75	cps
Krypton	83-1	253	150	167	190	29.20	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-14	Instrumnet Name :	P7
Client Sample ID :	MYD485	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:20:58	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	666919	676066	678094	673693	0.88	cps
Lead	207-1	612773	618268	623389	618143	0.86	cps
Lead	208-1	2713267	2740685	2754791	2736247	0.77	cps
Lithium	6-1	1897074	1931241	1912974	1913763	0.89	cps
Magnesium	24-2	2650358	2645192	2632322	2642624	0.35	cps
Manganese	55-2	3810669	3762227	3773277	3782058	0.67	cps
Molybdenum	94-1	9560	9410	8956	9309	3.38	cps
Molybdenum	95-1	2954	2977	2884	2938	1.65	cps
Molybdenum	96-1	5668	5865	5831	5788	1.82	cps
Molybdenum	97-1	1693	1743	1913	1783	6.47	cps
Molybdenum	98-1	4297	4781	4604	4561	5.36	cps
Neodymium	150-1	108386	109121	110011	109173	0.75	cps
Neodymium	150-2	57055	57935	57249	57413	0.81	cps
Nickel	60-2	32475	33524	33661	33220	1.95	cps
Phosphorus	31-2	17784	18161	18067	18004	1.09	cps
Potassium	39-2	1266613	1269083	1264502	1266733	0.18	cps
Rhodium	103-1	10683484	10606584	10735750	10675273	0.61	cps
Rhodium	103-2	5966159	5829607	5740900	5845555	1.94	cps
Scandium	45-1	6006737	6003766	6053081	6021194	0.46	cps
Scandium	45-2	528425	498238	495629	507431	3.59	cps
Selenium	82-1	499	607	510	538	11.05	cps
Selenium	77-2	150	110	187	149	25.76	cps
Selenium	78-2	313	240	267	273	13.58	cps
Silicon	28-1	28039116	28289454	28348405	28225658	0.58	cps
Silver	107-1	6708	6268	6685	6554	3.78	cps
Silver	109-1	6208	6552	6018	6259	4.32	cps
Sodium	23-2	90953	90239	92499	91230	1.27	cps
Strontium	86-1	150991	152931	152924	152282	0.73	cps
Strontium	88-1	1327972	1340172	1341040	1336395	0.55	cps
Sulfur	34-1	111117	111573	113380	112023	1.07	cps
Terbium	159-1	16059404	16014152	16174639	16082732	0.51	cps
Terbium	159-2	10352079	9733865	9566600	9884181	4.19	cps
Thallium	203-1	1287	1303	1400	1330	4.60	cps
Thallium	205-1	3207	3200	3154	3187	0.91	cps
Tin	118-1	8363	8569	8493	8475	1.23	cps
Titanium	47-1	1019764	1031534	1030699	1027332	0.64	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-14	Instrumnet Name :	P7
Client Sample ID :	MYD485	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:20:58	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15029	14875	15225	15043	1.17	cps
Vanadium	51-2	185056	185151	189402	186536	1.33	cps
Yttrium	89-1	13159365	13235170	13331400	13241978	0.65	cps
Yttrium	89-2	3244636	3147639	3085740	3159338	2.54	cps
Zinc	66-2	175080	176057	176270	175802	0.36	cps
Zirconium	90-1	20221	21022	20658	20633	1.94	cps
Zirconium	91-1	4901	4537	4657	4699	3.94	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-15	Instrumnet Name :	P7
Client Sample ID :	MYD486	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:24:10	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1854050	1855711	1834113	1847958	0.65	cps
Antimony	121-1	8629	9260	9440	9110	4.67	cps
Arsenic	75-2	36709	37490	36391	36863	1.53	cps
Barium	135-1	532000	544433	544756	540396	1.35	cps
Barium	137-1	926710	939084	938196	934664	0.74	cps
Beryllium	9-1	1408	1371	1343	1374	2.38	cps
Bismuth	209-1	9334556	9354099	9633729	9440795	1.77	cps
Bismuth	209-2	7357708	6912727	7278706	7183047	3.31	cps
Bromine	81-1	9026	9316	9386	9243	2.07	cps
Bromine	81-2	310	290	243	281	12.17	cps
Cadmium	108-1	230	253	193	226	13.41	cps
Cadmium	106-1	3674	3524	3620	3606	2.11	cps
Cadmium	111-1	5018	4856	4979	4951	1.70	cps
Calcium	43-1	233346	236423	238081	235950	1.02	cps
Calcium	44-1	3491480	3567233	3555481	3538065	1.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53729	52812	52735	53092	1.04	cps
Cobalt	59-2	93130	91627	90923	91893	1.23	cps
Copper	63-2	217331	219137	217105	217858	0.51	cps
Dysprosium	156-1	64376	66111	66486	65658	1.71	cps
Dysprosium	156-2	48791	49370	50213	49458	1.45	cps
Erbium	164-1	53197	52890	54074	53387	1.15	cps
Erbium	164-2	34656	34178	33864	34233	1.17	cps
Gadolinium	160-1	62244	62418	62579	62414	0.27	cps
Gadolinium	160-2	42237	40709	41779	41575	1.89	cps
Holmium	165-1	15505996	15269844	15999404	15591748	2.39	cps
Holmium	165-2	10227890	9807589	10203051	10079510	2.34	cps
Indium	115-1	11625247	11689196	12034118	11782853	1.87	cps
Indium	115-2	3786308	3616331	3747563	3716734	2.40	cps
Iron	56-2	56184969	56500252	56321829	56335684	0.28	cps
Iron	57-2	1388061	1416765	1411491	1405439	1.09	cps
Iron	54-2	3081591	3119547	3062118	3087752	0.95	cps
Krypton	83-1	173	203	233	203	14.75	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-15	Instrumnet Name :	P7
Client Sample ID :	MYD486	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:24:10	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	511272	515457	517426	514718	0.61	cps
Lead	207-1	472206	475816	475806	474609	0.44	cps
Lead	208-1	2078700	2109764	2108590	2099018	0.84	cps
Lithium	6-1	1876825	1886339	1970433	1911199	2.70	cps
Magnesium	24-2	1755102	1737626	1749103	1747277	0.51	cps
Manganese	55-2	2596205	2593899	2607457	2599187	0.28	cps
Molybdenum	94-1	10564	10747	10577	10629	0.96	cps
Molybdenum	95-1	3027	2970	2730	2909	5.41	cps
Molybdenum	96-1	5348	5558	5381	5429	2.08	cps
Molybdenum	97-1	1623	1743	1713	1693	3.69	cps
Molybdenum	98-1	4241	4251	4237	4243	0.16	cps
Neodymium	150-1	110223	113317	112780	112106	1.47	cps
Neodymium	150-2	59043	59351	58497	58964	0.73	cps
Nickel	60-2	27943	27996	27438	27792	1.11	cps
Phosphorus	31-2	18188	18268	18131	18195	0.38	cps
Potassium	39-2	1667677	1663285	1653243	1661402	0.45	cps
Rhodium	103-1	10624936	10514315	11007751	10715667	2.42	cps
Rhodium	103-2	5909910	5690686	5902717	5834438	2.13	cps
Scandium	45-1	5973257	5936947	6141887	6017364	1.82	cps
Scandium	45-2	511022	492961	508108	504030	1.92	cps
Selenium	82-1	540	514	517	524	2.73	cps
Selenium	77-2	173	170	143	162	10.13	cps
Selenium	78-2	260	253	283	266	5.93	cps
Silicon	28-1	23605451	24023622	23874198	23834424	0.89	cps
Silver	107-1	5738	5958	6011	5902	2.46	cps
Silver	109-1	5398	5588	5748	5578	3.14	cps
Sodium	23-2	82878	82077	82479	82478	0.49	cps
Strontium	86-1	94511	94833	94363	94569	0.25	cps
Strontium	88-1	823730	835709	831926	830455	0.74	cps
Sulfur	34-1	110757	112721	111966	111815	0.89	cps
Terbium	159-1	15837009	15684916	16255249	15925725	1.85	cps
Terbium	159-2	10000405	9671619	10133703	9935242	2.39	cps
Thallium	203-1	1477	1583	1563	1541	3.68	cps
Thallium	205-1	3507	3621	3514	3547	1.79	cps
Tin	118-1	6858	7405	7225	7163	3.89	cps
Titanium	47-1	742094	750107	750097	747433	0.62	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-15	Instrumnet Name :	P7
Client Sample ID :	MYD486	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:24:10	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15649	16197	15733	15860	1.86	cps
Vanadium	51-2	115289	114489	113321	114367	0.87	cps
Yttrium	89-1	13078067	12952102	13351745	13127305	1.56	cps
Yttrium	89-2	3224666	3080018	3176999	3160561	2.33	cps
Zinc	66-2	147264	146847	145941	146684	0.46	cps
Zirconium	90-1	24200	24270	25315	24595	2.54	cps
Zirconium	91-1	5451	5474	5514	5480	0.58	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-16	Instrumnet Name :	P7
Client Sample ID :	MYD487	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:27:18	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1682259	1681368	1661868	1675165	0.69	cps
Antimony	121-1	5941	6098	6025	6021	1.30	cps
Arsenic	75-2	36191	35927	36672	36263	1.04	cps
Barium	135-1	614509	614670	619304	616161	0.44	cps
Barium	137-1	1061147	1068717	1069823	1066562	0.44	cps
Beryllium	9-1	1293	1358	1315	1322	2.49	cps
Bismuth	209-1	9427087	9468732	9483799	9459873	0.31	cps
Bismuth	209-2	6969252	7051647	7212274	7077724	1.75	cps
Bromine	81-1	8766	9093	9210	9023	2.55	cps
Bromine	81-2	290	290	357	312	12.33	cps
Cadmium	108-1	273	183	230	229	19.66	cps
Cadmium	106-1	3727	3374	3394	3498	5.68	cps
Cadmium	111-1	5141	5180	5175	5166	0.41	cps
Calcium	43-1	231583	232801	232097	232160	0.26	cps
Calcium	44-1	3460858	3504218	3519550	3494875	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61491	61277	60290	61019	1.05	cps
Cobalt	59-2	102886	102476	101137	102167	0.90	cps
Copper	63-2	237218	236533	232873	235541	0.99	cps
Dysprosium	156-1	67213	67702	68576	67830	1.02	cps
Dysprosium	156-2	51306	50413	51149	50956	0.94	cps
Erbium	164-1	55075	55212	55540	55275	0.43	cps
Erbium	164-2	35772	34285	35047	35035	2.12	cps
Gadolinium	160-1	63580	63691	64481	63917	0.77	cps
Gadolinium	160-2	42491	42832	41468	42263	1.68	cps
Holmium	165-1	15364511	15583431	15483273	15477071	0.71	cps
Holmium	165-2	9696700	9851167	10247106	9931658	2.86	cps
Indium	115-1	11646359	11506741	11790800	11647967	1.22	cps
Indium	115-2	3604862	3707624	3754579	3689022	2.08	cps
Iron	56-2	50258366	50077459	49654828	49996884	0.62	cps
Iron	57-2	1312661	1315206	1292649	1306839	0.95	cps
Iron	54-2	2748259	2730094	2745703	2741352	0.36	cps
Krypton	83-1	167	193	163	174	9.43	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-16	Instrumnet Name :	P7
Client Sample ID :	MYD487	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:27:18	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	834053	840296	838256	837535	0.38	cps
Lead	207-1	759453	763076	771583	764704	0.81	cps
Lead	208-1	3585129	3593053	3610808	3596330	0.37	cps
Lithium	6-1	1863143	1873375	1904713	1880411	1.15	cps
Magnesium	24-2	1595307	1577641	1544605	1572518	1.64	cps
Manganese	55-2	3128846	3122438	3059014	3103432	1.24	cps
Molybdenum	94-1	8412	8669	8923	8668	2.94	cps
Molybdenum	95-1	4094	4214	4051	4120	2.05	cps
Molybdenum	96-1	5661	6171	6178	6004	4.94	cps
Molybdenum	97-1	2510	2447	2624	2527	3.54	cps
Molybdenum	98-1	6348	6315	6645	6436	2.82	cps
Neodymium	150-1	113025	114137	114729	113964	0.76	cps
Neodymium	150-2	60794	60857	60067	60573	0.72	cps
Nickel	60-2	30087	30301	29696	30028	1.02	cps
Phosphorus	31-2	17580	16873	17023	17159	2.17	cps
Potassium	39-2	1573764	1542658	1543633	1553352	1.14	cps
Rhodium	103-1	10593689	10552756	10643499	10596648	0.43	cps
Rhodium	103-2	5734513	5797008	6014864	5848795	2.52	cps
Scandium	45-1	5897119	5846529	5973706	5905784	1.08	cps
Scandium	45-2	482023	495941	502669	493544	2.13	cps
Selenium	82-1	537	503	498	513	4.12	cps
Selenium	77-2	117	160	143	140	15.61	cps
Selenium	78-2	310	297	217	274	18.39	cps
Silicon	28-1	25789339	25803100	25907169	25833202	0.25	cps
Silver	107-1	5608	5848	5611	5689	2.42	cps
Silver	109-1	5161	5241	5604	5335	4.43	cps
Sodium	23-2	87996	89089	88080	88388	0.69	cps
Strontium	86-1	100604	101782	102265	101550	0.84	cps
Strontium	88-1	882592	889936	893239	888589	0.61	cps
Sulfur	34-1	112013	110580	111191	111261	0.65	cps
Terbium	159-1	15882131	15723053	15996915	15867366	0.87	cps
Terbium	159-2	9489520	9781409	9877228	9716052	2.08	cps
Thallium	203-1	1437	1373	1500	1437	4.41	cps
Thallium	205-1	3387	3504	3527	3473	2.16	cps
Tin	118-1	6618	6905	6618	6714	2.47	cps
Titanium	47-1	683317	686962	690970	687083	0.56	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-16	Instrumnet Name :	P7
Client Sample ID :	MYD487	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:27:18	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16714	17008	17008	16910	1.00	cps
Vanadium	51-2	104747	104505	103327	104193	0.73	cps
Yttrium	89-1	13050647	12932572	13121072	13034764	0.73	cps
Yttrium	89-2	3119763	3183846	3219824	3174477	1.60	cps
Zinc	66-2	136557	135023	135219	135600	0.62	cps
Zirconium	90-1	17120	17103	17177	17133	0.22	cps
Zirconium	91-1	3864	3991	3994	3949	1.88	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-17	Instrumnet Name :	P7
Client Sample ID :	MYD488	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:30:29	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1347436	1361480	1327724	1345547	1.26	cps
Antimony	121-1	1987	1907	2180	2025	6.94	cps
Arsenic	75-2	8736	8626	8793	8718	0.97	cps
Barium	135-1	474540	480955	483739	479745	0.98	cps
Barium	137-1	828962	834484	833036	832161	0.34	cps
Beryllium	9-1	901	1000	1103	1001	10.08	cps
Bismuth	209-1	9480678	9433372	9434787	9449612	0.28	cps
Bismuth	209-2	6989439	6963799	7065570	7006269	0.76	cps
Bromine	81-1	8519	8456	8486	8487	0.37	cps
Bromine	81-2	213	250	347	270	25.51	cps
Cadmium	108-1	97	110	113	107	8.27	cps
Cadmium	106-1	3437	3330	3077	3282	5.64	cps
Cadmium	111-1	3432	3318	3178	3309	3.84	cps
Calcium	43-1	267358	269743	270778	269293	0.65	cps
Calcium	44-1	3989102	4069136	4074148	4044129	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39949	40053	39722	39908	0.42	cps
Cobalt	59-2	77063	77374	77971	77469	0.60	cps
Copper	63-2	116458	116045	115985	116163	0.22	cps
Dysprosium	156-1	56955	56480	58210	57215	1.56	cps
Dysprosium	156-2	43607	42678	42645	42977	1.27	cps
Erbium	164-1	44725	45266	45025	45005	0.60	cps
Erbium	164-2	28082	28910	28994	28662	1.76	cps
Gadolinium	160-1	53257	54415	53729	53801	1.08	cps
Gadolinium	160-2	35762	36053	35742	35852	0.49	cps
Holmium	165-1	15507712	15416915	15296933	15407186	0.69	cps
Holmium	165-2	9813137	9780825	9904658	9832873	0.65	cps
Indium	115-1	11722159	11608356	11484203	11604906	1.03	cps
Indium	115-2	3629051	3594928	3616177	3613385	0.48	cps
Iron	56-2	43873828	44252898	43870421	43999049	0.50	cps
Iron	57-2	1151065	1152148	1157926	1153713	0.32	cps
Iron	54-2	2419186	2402787	2428527	2416833	0.54	cps
Krypton	83-1	170	197	200	189	8.71	cps

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LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-17	Instrumnet Name :	P7
Client Sample ID :	MYD488	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:30:29	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	209069	210180	209642	209630	0.27	cps
Lead	207-1	183751	183629	186417	184599	0.85	cps
Lead	208-1	824054	832813	839488	832118	0.93	cps
Lithium	6-1	1834108	1894321	1842283	1856904	1.76	cps
Magnesium	24-2	1290434	1281389	1291517	1287780	0.43	cps
Manganese	55-2	2270367	2271791	2267319	2269826	0.10	cps
Molybdenum	94-1	6912	7322	7038	7091	2.96	cps
Molybdenum	95-1	1637	1627	1663	1642	1.15	cps
Molybdenum	96-1	3367	3490	3570	3476	2.95	cps
Molybdenum	97-1	990	980	977	982	0.71	cps
Molybdenum	98-1	2534	2530	2510	2525	0.50	cps
Neodymium	150-1	99441	100014	100501	99985	0.53	cps
Neodymium	150-2	53009	53367	52400	52925	0.92	cps
Nickel	60-2	21158	21479	21365	21334	0.76	cps
Phosphorus	31-2	18031	17694	17720	17815	1.05	cps
Potassium	39-2	1260498	1259710	1269733	1263314	0.44	cps
Rhodium	103-1	10736136	10468891	10432485	10545837	1.57	cps
Rhodium	103-2	5798043	5705406	5755356	5752935	0.81	cps
Scandium	45-1	5976424	5829516	5833356	5879765	1.42	cps
Scandium	45-2	495054	489991	494720	493255	0.57	cps
Selenium	82-1	518	438	477	477	8.36	cps
Selenium	77-2	133	107	117	119	11.33	cps
Selenium	78-2	257	220	280	252	11.99	cps
Silicon	28-1	20200953	20538452	20390360	20376588	0.83	cps
Silver	107-1	1800	1827	1783	1803	1.21	cps
Silver	109-1	1677	1790	1730	1732	3.27	cps
Sodium	23-2	75795	77480	78522	77266	1.78	cps
Strontium	86-1	68957	69633	69084	69225	0.52	cps
Strontium	88-1	604253	615931	613459	611214	1.01	cps
Sulfur	34-1	103692	104185	103360	103746	0.40	cps
Terbium	159-1	15884797	15667754	15810365	15787639	0.70	cps
Terbium	159-2	9801800	9609468	9732795	9714688	1.00	cps
Thallium	203-1	837	863	840	847	1.72	cps
Thallium	205-1	2127	1977	1937	2014	4.98	cps
Tin	118-1	5154	5264	5111	5177	1.53	cps
Titanium	47-1	593829	603266	603621	600239	0.93	cps

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LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-17	Instrumnet Name :	P7
Client Sample ID :	MYD488	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:30:29	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11025	10864	10915	10935	0.75	cps
Vanadium	51-2	108325	108379	108097	108267	0.14	cps
Yttrium	89-1	13002931	12839374	12818621	12886976	0.78	cps
Yttrium	89-2	3100787	3049191	3087468	3079149	0.87	cps
Zinc	66-2	51916	52264	52114	52098	0.33	cps
Zirconium	90-1	16476	16770	17053	16766	1.72	cps
Zirconium	91-1	3677	3987	3797	3821	4.09	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-18	Instrumnet Name :	P7
Client Sample ID :	MYD489	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:33:40	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1542919	1555092	1548745	1548919	0.39	cps
Antimony	121-1	3114	3227	3184	3175	1.80	cps
Arsenic	75-2	16990	16289	16900	16726	2.28	cps
Barium	135-1	582406	588704	590903	587338	0.75	cps
Barium	137-1	1019658	1026012	1023892	1023187	0.32	cps
Beryllium	9-1	1243	1189	1295	1242	4.27	cps
Bismuth	209-1	9515704	9451020	9479054	9481926	0.34	cps
Bismuth	209-2	7013332	6926296	7230213	7056614	2.22	cps
Bromine	81-1	9066	9196	9036	9100	0.94	cps
Bromine	81-2	423	350	337	370	12.61	cps
Cadmium	108-1	170	123	143	146	16.08	cps
Cadmium	106-1	3527	3240	3430	3399	4.29	cps
Cadmium	111-1	4017	3782	4021	3940	3.47	cps
Calcium	43-1	223224	226254	227174	225551	0.92	cps
Calcium	44-1	3388590	3395317	3456440	3413449	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44144	44455	45198	44599	1.21	cps
Cobalt	59-2	96517	96417	95917	96284	0.33	cps
Copper	63-2	129736	130990	130183	130303	0.49	cps
Dysprosium	156-1	64557	64263	65368	64729	0.88	cps
Dysprosium	156-2	49594	49340	49370	49434	0.28	cps
Erbium	164-1	52779	53957	53599	53445	1.13	cps
Erbium	164-2	33039	33911	33306	33419	1.34	cps
Gadolinium	160-1	60942	62237	62237	61805	1.21	cps
Gadolinium	160-2	42464	41134	40198	41265	2.76	cps
Holmium	165-1	15936363	15463753	15496484	15632200	1.69	cps
Holmium	165-2	9815119	9849623	10164925	9943223	1.94	cps
Indium	115-1	11910809	11653824	11780967	11781867	1.09	cps
Indium	115-2	3688441	3645395	3780010	3704615	1.86	cps
Iron	56-2	45261688	44526513	44301904	44696702	1.12	cps
Iron	57-2	1173272	1168702	1159757	1167244	0.59	cps
Iron	54-2	2454724	2450419	2434719	2446621	0.43	cps
Krypton	83-1	180	150	197	176	13.47	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-18	Instrumnet Name :	P7
Client Sample ID :	MYD489	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:33:40	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	311331	312806	313585	312574	0.37	cps
Lead	207-1	279154	281483	285560	282066	1.15	cps
Lead	208-1	1245966	1259093	1271222	1258761	1.00	cps
Lithium	6-1	1839058	1854315	1809198	1834190	1.25	cps
Magnesium	24-2	1519674	1514283	1479129	1504362	1.46	cps
Manganese	55-2	2846437	2804881	2831037	2827452	0.74	cps
Molybdenum	94-1	7162	6885	7469	7172	4.07	cps
Molybdenum	95-1	2027	2310	2114	2150	6.75	cps
Molybdenum	96-1	3734	4057	4061	3951	4.75	cps
Molybdenum	97-1	1313	1260	1310	1295	2.31	cps
Molybdenum	98-1	3354	3294	3294	3314	1.05	cps
Neodymium	150-1	110764	112188	111370	111441	0.64	cps
Neodymium	150-2	59495	58919	58675	59029	0.71	cps
Nickel	60-2	26453	25582	25392	25809	2.19	cps
Phosphorus	31-2	15902	15805	15782	15829	0.40	cps
Potassium	39-2	1485933	1466170	1472159	1474754	0.69	cps
Rhodium	103-1	10864478	10666360	10667851	10732896	1.06	cps
Rhodium	103-2	5712757	5757585	5929543	5799962	1.97	cps
Scandium	45-1	6028711	5861145	5923311	5937722	1.43	cps
Scandium	45-2	498493	488997	499418	495636	1.16	cps
Selenium	82-1	545	592	544	560	4.91	cps
Selenium	77-2	150	183	97	143	30.50	cps
Selenium	78-2	197	297	313	269	23.47	cps
Silicon	28-1	22727192	22840756	22928399	22832116	0.44	cps
Silver	107-1	3200	3370	3167	3246	3.36	cps
Silver	109-1	2854	3180	2884	2973	6.08	cps
Sodium	23-2	73106	73022	72908	73012	0.14	cps
Strontium	86-1	94048	96041	95400	95163	1.07	cps
Strontium	88-1	832522	844727	841693	839647	0.76	cps
Sulfur	34-1	106937	106669	107451	107019	0.37	cps
Terbium	159-1	16192101	16145516	15988859	16108825	0.66	cps
Terbium	159-2	9945951	9649988	9842378	9812772	1.53	cps
Thallium	203-1	1267	1263	1280	1270	0.69	cps
Thallium	205-1	2817	2947	3054	2939	4.03	cps
Tin	118-1	4764	4848	5068	4893	3.20	cps
Titanium	47-1	629835	636952	636708	634498	0.64	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-18	Instrumnet Name :	P7
Client Sample ID :	MYD489	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:33:40	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13170	13841	14047	13686	3.35	cps
Vanadium	51-2	98428	99089	97606	98374	0.76	cps
Yttrium	89-1	13271083	13065091	13134065	13156746	0.80	cps
Yttrium	89-2	3144982	3093777	3192372	3143710	1.57	cps
Zinc	66-2	85406	85352	85982	85580	0.41	cps
Zirconium	90-1	16216	15945	16623	16261	2.10	cps
Zirconium	91-1	3620	3647	3534	3600	1.65	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:36:51	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6490012	6456076	6394032	6446707	0.75	cps
Antimony	121-1	3608517	3666899	3629538	3634985	0.81	cps
Arsenic	75-2	164793	162559	163553	163635	0.68	cps
Barium	135-1	4865269	4937752	4972041	4925021	1.11	cps
Barium	137-1	8529835	8581738	8585442	8565672	0.36	cps
Beryllium	9-1	572994	577940	578282	576406	0.51	cps
Bismuth	209-1	8951449	9084500	9103064	9046338	0.91	cps
Bismuth	209-2	6441023	6565562	6560733	6522439	1.08	cps
Bromine	81-1	7809	7939	7619	7789	2.07	cps
Bromine	81-2	60	57	37	51	24.69	cps
Cadmium	108-1	66465	67231	67000	66899	0.59	cps
Cadmium	106-1	97897	96068	96058	96674	1.10	cps
Cadmium	111-1	907550	903643	904815	905336	0.22	cps
Calcium	43-1	4486209	4495935	4429273	4470473	0.81	cps
Calcium	44-1	70467104	70902156	70472047	70613769	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1174663	1154399	1170660	1166574	0.92	cps
Cobalt	59-2	1751065	1755409	1750574	1752350	0.15	cps
Copper	63-2	12954831	12869018	12735707	12853185	0.86	cps
Dysprosium	156-1	297	317	303	306	3.33	cps
Dysprosium	156-2	387	337	367	363	6.93	cps
Erbium	164-1	277	290	237	268	10.37	cps
Erbium	164-2	170	213	163	182	14.90	cps
Gadolinium	160-1	237	203	270	237	14.08	cps
Gadolinium	160-2	603	533	597	578	6.69	cps
Holmium	165-1	15685074	15306388	15654688	15548717	1.35	cps
Holmium	165-2	9797353	9930927	9808676	9845652	0.75	cps
Indium	115-1	11350604	11129658	11169670	11216644	1.05	cps
Indium	115-2	3427532	3464802	3468886	3453740	0.66	cps
Iron	56-2	258754403	257010863	256685763	257483676	0.43	cps
Iron	57-2	6551022	6458727	6483675	6497808	0.73	cps
Iron	54-2	13923714	13809707	13965808	13899743	0.58	cps
Krypton	83-1	153	180	107	147	25.31	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:36:51	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14286446	14362984	14500266	14383232	0.75	cps
Lead	207-1	12434319	12693689	12790381	12639463	1.46	cps
Lead	208-1	56636696	57453509	57731142	57273782	0.99	cps
Lithium	6-1	1853190	1855440	1912095	1873575	1.78	cps
Magnesium	24-2	51703601	51353838	50905674	51321038	0.78	cps
Manganese	55-2	8824180	8757134	8721073	8767462	0.60	cps
Molybdenum	94-1	12745844	12682523	12678132	12702167	0.30	cps
Molybdenum	95-1	18454205	18558396	18496901	18503168	0.28	cps
Molybdenum	96-1	20226936	20348927	20233107	20269657	0.34	cps
Molybdenum	97-1	11464258	11598278	11493176	11518571	0.61	cps
Molybdenum	98-1	30141073	30018491	29761677	29973747	0.65	cps
Neodymium	150-1	453	400	410	421	6.73	cps
Neodymium	150-2	130	140	150	140	7.14	cps
Nickel	60-2	433394	431531	428929	431284	0.52	cps
Phosphorus	31-2	66708	66694	67665	67022	0.83	cps
Potassium	39-2	32947525	32675534	32819090	32814049	0.41	cps
Rhodium	103-1	9858360	9751423	9743300	9784361	0.66	cps
Rhodium	103-2	5183775	5217743	5206742	5202753	0.33	cps
Scandium	45-1	5813077	5856380	5828465	5832641	0.38	cps
Scandium	45-2	463084	469861	473446	468797	1.12	cps
Selenium	82-1	52400	52443	52938	52593	0.57	cps
Selenium	77-2	4634	4497	4484	4539	1.83	cps
Selenium	78-2	15538	15178	15749	15488	1.86	cps
Silicon	28-1	3344545	3386741	3358024	3363104	0.64	cps
Silver	107-1	4423234	4419494	4442028	4428252	0.27	cps
Silver	109-1	4212793	4190192	4194664	4199217	0.29	cps
Sodium	23-2	86395339	86489532	85483072	86122648	0.65	cps
Strontium	86-1	27888166	27837005	28243312	27989494	0.79	cps
Strontium	88-1	246286590	246491683	248204883	246994385	0.43	cps
Sulfur	34-1	362694	361945	362127	362255	0.11	cps
Terbium	159-1	16058898	15895049	15950273	15968073	0.52	cps
Terbium	159-2	9445207	9679018	9644937	9589720	1.32	cps
Thallium	203-1	3613082	3568937	3630719	3604246	0.88	cps
Thallium	205-1	8492475	8496624	8480069	8489723	0.10	cps
Tin	118-1	3002108	3066657	3077595	3048787	1.34	cps
Titanium	47-1	4180268	4153760	4105036	4146355	0.92	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:36:51	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12005222	12265068	12111306	12127199	1.08	cps
Vanadium	51-2	1058697	1049537	1049899	1052711	0.49	cps
Yttrium	89-1	12380537	12168611	12376951	12308700	0.99	cps
Yttrium	89-2	2809910	2846068	2860023	2838667	0.91	cps
Zinc	66-2	2176337	2160100	2162788	2166408	0.40	cps
Zirconium	90-1	5987106	5905803	5972996	5955302	0.73	cps
Zirconium	91-1	1318526	1335126	1335590	1329748	0.73	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:39:37	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	353	290	357	333	11.27	cps
Antimony	121-1	2587	2877	2917	2794	6.45	cps
Arsenic	75-2	20	17	30	22	31.22	cps
Barium	135-1	310	210	243	254	20.01	cps
Barium	137-1	600	463	327	463	29.50	cps
Beryllium	9-1	136	112	108	119	12.74	cps
Bismuth	209-1	9945784	9810610	9710379	9822258	1.20	cps
Bismuth	209-2	7265032	7181181	7183740	7209984	0.66	cps
Bromine	81-1	7512	7672	7335	7506	2.24	cps
Bromine	81-2	33	67	47	49	34.32	cps
Cadmium	108-1	20	10	10	13	43.30	cps
Cadmium	106-1	3294	3270	3094	3219	3.40	cps
Cadmium	111-1	2435	2356	2205	2332	5.00	cps
Calcium	43-1	510	440	360	437	17.19	cps
Calcium	44-1	9617	7862	7862	8447	11.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2157	2067	1980	2068	4.27	cps
Cobalt	59-2	167	163	173	168	3.03	cps
Copper	63-2	1630	1610	1650	1630	1.23	cps
Dysprosium	156-1	40	33	50	41	20.41	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	87	130	130	116	21.65	cps
Erbium	164-2	83	73	90	82	10.20	cps
Gadolinium	160-1	60	53	33	49	28.39	cps
Gadolinium	160-2	477	510	487	491	3.48	cps
Holmium	165-1	15779646	15645423	15544351	15656473	0.75	cps
Holmium	165-2	9971931	9834354	9892953	9899746	0.70	cps
Indium	115-1	12002906	11874803	11725560	11867757	1.17	cps
Indium	115-2	3774115	3707252	3758120	3746496	0.93	cps
Iron	56-2	25208	25612	25989	25603	1.53	cps
Iron	57-2	1213	1283	1393	1297	7.00	cps
Iron	54-2	2064	2234	1947	2081	6.93	cps
Krypton	83-1	130	137	97	121	17.69	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:39:37	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1797	1450	1353	1533	15.20	cps
Lead	207-1	1583	1210	1260	1351	15.00	cps
Lead	208-1	7271	6034	5711	6338	12.99	cps
Lithium	6-1	1981661	2003529	1935505	1973565	1.76	cps
Magnesium	24-2	2414	2660	2774	2616	7.04	cps
Manganese	55-2	740	880	873	831	9.50	cps
Molybdenum	94-1	1657	1517	1413	1529	7.99	cps
Molybdenum	95-1	2044	1467	1703	1738	16.68	cps
Molybdenum	96-1	2220	1957	1713	1963	12.91	cps
Molybdenum	97-1	1213	1033	853	1033	17.42	cps
Molybdenum	98-1	3054	2434	2570	2686	12.13	cps
Neodymium	150-1	20	17	3	13	66.16	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	580	580	467	542	12.07	cps
Phosphorus	31-2	123	97	133	118	16.09	cps
Potassium	39-2	36818	36838	37362	37006	0.83	cps
Rhodium	103-1	10939202	10741803	10832967	10837991	0.91	cps
Rhodium	103-2	5833168	5798377	5835677	5822407	0.36	cps
Scandium	45-1	5933528	5888276	5919346	5913716	0.39	cps
Scandium	45-2	487806	485618	484773	486066	0.32	cps
Selenium	82-1	421	428	445	431	2.95	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	147	197	123	156	24.08	cps
Silicon	28-1	146293	147306	147366	146988	0.41	cps
Silver	107-1	663	570	537	590	11.13	cps
Silver	109-1	637	443	460	513	20.87	cps
Sodium	23-2	19292	19259	19072	19208	0.62	cps
Strontium	86-1	2024	1237	1257	1506	29.79	cps
Strontium	88-1	14544	9787	8776	11036	27.91	cps
Sulfur	34-1	124065	125815	124609	124830	0.72	cps
Terbium	159-1	16272956	16026432	16163391	16154260	0.76	cps
Terbium	159-2	9755196	9624771	9702977	9694315	0.68	cps
Thallium	203-1	463	450	380	431	10.38	cps
Thallium	205-1	1227	990	930	1049	14.96	cps
Tin	118-1	1407	1547	1663	1539	8.35	cps
Titanium	47-1	333	367	280	327	13.38	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:39:37	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	733	560	437	577	25.84	cps
Vanadium	51-2	80	63	73	72	11.62	cps
Yttrium	89-1	12429069	12308417	12371979	12369821	0.49	cps
Yttrium	89-2	2935778	2898512	2908065	2914118	0.66	cps
Zinc	66-2	463	543	467	491	9.22	cps
Zirconium	90-1	1780	1593	1573	1649	6.91	cps
Zirconium	91-1	383	283	347	338	14.98	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-08	Instrumnet Name :	P7
Client Sample ID :	MYD479	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:42:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2500592	2485639	2524587	2503606	0.78	cps
Antimony	121-1	7555	7735	7892	7728	2.18	cps
Arsenic	75-2	31904	31881	32132	31972	0.43	cps
Barium	135-1	668592	680479	683517	677530	1.16	cps
Barium	137-1	1156935	1169206	1184277	1170139	1.17	cps
Beryllium	9-1	1310	1572	1526	1469	9.54	cps
Bismuth	209-1	9656726	9643011	9594332	9631356	0.34	cps
Bismuth	209-2	7145925	7127611	7082844	7118793	0.46	cps
Bromine	81-1	9133	9543	9640	9439	2.85	cps
Bromine	81-2	317	410	317	348	15.50	cps
Cadmium	108-1	270	313	313	299	8.37	cps
Cadmium	106-1	3927	3871	3664	3821	3.63	cps
Cadmium	111-1	6201	6141	5962	6101	2.03	cps
Calcium	43-1	256333	258241	260717	258430	0.85	cps
Calcium	44-1	3905217	3873568	3926640	3901808	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47581	49043	48715	48446	1.58	cps
Cobalt	59-2	113176	109919	110496	111197	1.56	cps
Copper	63-2	394865	393340	389806	392670	0.66	cps
Dysprosium	156-1	57433	58705	59770	58636	1.99	cps
Dysprosium	156-2	43587	42728	42447	42921	1.38	cps
Erbium	164-1	49390	51290	50498	50393	1.89	cps
Erbium	164-2	32641	30797	32220	31886	3.03	cps
Gadolinium	160-1	55680	57364	56781	56608	1.51	cps
Gadolinium	160-2	37269	37584	37159	37337	0.59	cps
Holmium	165-1	15871129	15682386	15832641	15795385	0.63	cps
Holmium	165-2	10116524	10015586	10026585	10052898	0.55	cps
Indium	115-1	11890552	11857124	12083127	11943601	1.02	cps
Indium	115-2	3759734	3770526	3755572	3761944	0.21	cps
Iron	56-2	74354459	73545231	74133357	74011016	0.57	cps
Iron	57-2	1862197	1823151	1856349	1847233	1.14	cps
Iron	54-2	4096724	4047677	3981044	4041815	1.44	cps
Krypton	83-1	177	197	210	194	8.63	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-08	Instrumnet Name :	P7
Client Sample ID :	MYD479	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:42:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	667877	678090	680816	675594	1.01	cps
Lead	207-1	612551	622188	623595	619445	0.97	cps
Lead	208-1	2711658	2761704	2757149	2743504	1.01	cps
Lithium	6-1	1941955	1907521	1934638	1928038	0.94	cps
Magnesium	24-2	2336940	2337837	2359829	2344869	0.55	cps
Manganese	55-2	3038290	3032811	3041138	3037413	0.14	cps
Molybdenum	94-1	8596	8469	8946	8670	2.85	cps
Molybdenum	95-1	2220	2217	2270	2236	1.34	cps
Molybdenum	96-1	4377	4744	4644	4589	4.13	cps
Molybdenum	97-1	1277	1320	1433	1343	6.02	cps
Molybdenum	98-1	3117	3450	3490	3353	6.12	cps
Neodymium	150-1	93467	95094	96031	94864	1.37	cps
Neodymium	150-2	50102	50490	50400	50330	0.40	cps
Nickel	60-2	26380	26450	26089	26306	0.73	cps
Phosphorus	31-2	18054	17714	17894	17887	0.95	cps
Potassium	39-2	1206106	1205179	1200621	1203969	0.24	cps
Rhodium	103-1	10764998	10833581	10874197	10824259	0.51	cps
Rhodium	103-2	5910314	5887540	5796394	5864749	1.03	cps
Scandium	45-1	6082160	6104610	6128420	6105063	0.38	cps
Scandium	45-2	511814	513086	513294	512731	0.16	cps
Selenium	82-1	538	581	536	552	4.63	cps
Selenium	77-2	127	167	143	146	13.80	cps
Selenium	78-2	267	270	257	264	2.62	cps
Silicon	28-1	27995252	27973362	28576704	28181773	1.21	cps
Silver	107-1	6765	6812	6628	6735	1.42	cps
Silver	109-1	6538	6431	6331	6434	1.61	cps
Sodium	23-2	70008	70762	72382	71051	1.71	cps
Strontium	86-1	125967	126215	127758	126647	0.77	cps
Strontium	88-1	1097555	1111551	1127660	1112256	1.35	cps
Sulfur	34-1	131147	129641	126048	128945	2.03	cps
Terbium	159-1	16289761	16209376	16381411	16293516	0.53	cps
Terbium	159-2	9850264	9983487	9902577	9912109	0.68	cps
Thallium	203-1	1980	1610	1487	1692	15.17	cps
Thallium	205-1	4581	4134	3941	4218	7.78	cps
Tin	118-1	7745	7038	7265	7350	4.91	cps
Titanium	47-1	1019305	1039595	1041042	1033314	1.18	cps

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On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-08	Instrumnet Name :	P7
Client Sample ID :	MYD479	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:42:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13884	13400	14044	13776	2.43	cps
Vanadium	51-2	180899	176936	176462	178099	1.37	cps
Yttrium	89-1	13266616	13223204	13371014	13286945	0.57	cps
Yttrium	89-2	3210043	3163207	3165588	3179613	0.83	cps
Zinc	66-2	155709	153708	153136	154184	0.88	cps
Zirconium	90-1	19343	19710	20071	19708	1.85	cps
Zirconium	91-1	4374	4424	4704	4501	3.95	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-09	Instrumnet Name :	P7
Client Sample ID :	MYD480	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:46:06	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3113905	3079724	3072452	3088694	0.72	cps
Antimony	121-1	6518	6658	6608	6595	1.08	cps
Arsenic	75-2	27355	27415	27409	27393	0.12	cps
Barium	135-1	565628	570231	569325	568395	0.43	cps
Barium	137-1	984111	996029	997721	992620	0.75	cps
Beryllium	9-1	1310	1391	1349	1350	3.01	cps
Bismuth	209-1	9591439	9542510	9589878	9574609	0.29	cps
Bismuth	209-2	7110524	7043738	6924007	7026089	1.35	cps
Bromine	81-1	9090	9160	9056	9102	0.58	cps
Bromine	81-2	243	300	327	290	14.67	cps
Cadmium	108-1	250	250	280	260	6.66	cps
Cadmium	106-1	3794	3607	3744	3715	2.60	cps
Cadmium	111-1	5378	5414	5468	5420	0.84	cps
Calcium	43-1	327427	335879	333573	332293	1.31	cps
Calcium	44-1	4945130	5066594	5008537	5006754	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52491	51712	52404	52202	0.82	cps
Cobalt	59-2	126551	126366	126806	126574	0.17	cps
Copper	63-2	318534	317438	314346	316772	0.69	cps
Dysprosium	156-1	59820	60429	59857	60035	0.57	cps
Dysprosium	156-2	43965	45136	44306	44469	1.35	cps
Erbium	164-1	51970	53094	53164	52742	1.27	cps
Erbium	164-2	33099	33240	32945	33095	0.44	cps
Gadolinium	160-1	57260	58783	58210	58084	1.32	cps
Gadolinium	160-2	39161	39298	38700	39053	0.80	cps
Holmium	165-1	15743998	15848311	15616104	15736138	0.74	cps
Holmium	165-2	9973857	9920423	9868762	9921014	0.53	cps
Indium	115-1	11852318	11932759	11793404	11859494	0.59	cps
Indium	115-2	3704150	3723762	3696215	3708042	0.38	cps
Iron	56-2	89715199	89177042	89744285	89545509	0.36	cps
Iron	57-2	2244177	2217174	2228045	2229799	0.61	cps
Iron	54-2	4884560	4828165	4875812	4862845	0.62	cps
Krypton	83-1	170	233	257	220	20.39	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-09	Instrumnet Name :	P7
Client Sample ID :	MYD480	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:46:06	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	539856	550141	552161	547386	1.21	cps
Lead	207-1	499337	506302	507321	504320	0.86	cps
Lead	208-1	2204545	2239743	2243003	2229097	0.96	cps
Lithium	6-1	1906835	1938741	1938848	1928141	0.96	cps
Magnesium	24-2	2954016	2948733	2959768	2954172	0.19	cps
Manganese	55-2	3294357	3271234	3280427	3282006	0.35	cps
Molybdenum	94-1	10114	10804	10474	10464	3.30	cps
Molybdenum	95-1	2154	2120	2304	2192	4.45	cps
Molybdenum	96-1	5218	5374	5084	5225	2.78	cps
Molybdenum	97-1	1293	1327	1300	1307	1.35	cps
Molybdenum	98-1	3194	3230	3254	3226	0.94	cps
Neodymium	150-1	98272	100240	99226	99246	0.99	cps
Neodymium	150-2	52982	52143	51279	52135	1.63	cps
Nickel	60-2	28831	27969	28263	28355	1.54	cps
Phosphorus	31-2	25495	24934	24877	25102	1.36	cps
Potassium	39-2	1282235	1266307	1264046	1270862	0.78	cps
Rhodium	103-1	10777736	10963274	10970204	10903738	1.00	cps
Rhodium	103-2	5792710	5833502	5744584	5790265	0.77	cps
Scandium	45-1	6155271	6212728	6135932	6167977	0.65	cps
Scandium	45-2	502899	504223	502230	503117	0.20	cps
Selenium	82-1	551	484	496	510	6.99	cps
Selenium	77-2	143	117	110	123	14.30	cps
Selenium	78-2	260	313	263	279	10.71	cps
Silicon	28-1	30786346	31393381	31362221	31180650	1.10	cps
Silver	107-1	5418	5474	5398	5430	0.73	cps
Silver	109-1	5034	5128	5234	5132	1.95	cps
Sodium	23-2	83830	83568	84108	83835	0.32	cps
Strontium	86-1	128555	129954	130048	129519	0.65	cps
Strontium	88-1	1133047	1139795	1143416	1138753	0.46	cps
Sulfur	34-1	127348	123921	122651	124640	1.95	cps
Terbium	159-1	16324292	16417276	16185943	16309170	0.71	cps
Terbium	159-2	9841570	9762106	9620847	9741507	1.15	cps
Thallium	203-1	1497	1333	1430	1420	5.78	cps
Thallium	205-1	3184	3360	3294	3279	2.72	cps
Tin	118-1	7305	7232	7299	7279	0.56	cps
Titanium	47-1	991765	1005764	1007728	1001752	0.87	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-09	Instrumnet Name :	P7
Client Sample ID :	MYD480	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:46:06	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11692	12609	11829	12043	4.11	cps
Vanadium	51-2	195691	196454	193764	195303	0.71	cps
Yttrium	89-1	13411688	13501071	13243582	13385447	0.98	cps
Yttrium	89-2	3174097	3128990	3100445	3134511	1.18	cps
Zinc	66-2	172460	170980	170271	171237	0.65	cps
Zirconium	90-1	23873	24988	24774	24545	2.41	cps
Zirconium	91-1	5291	5648	5618	5519	3.59	cps

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On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-10	Instrumnet Name :	P7
Client Sample ID :	MYD481	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:49:17	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1856719	1836673	1842597	1845330	0.56	cps
Antimony	121-1	15782	16483	16069	16111	2.19	cps
Arsenic	75-2	65386	66140	64881	65469	0.97	cps
Barium	135-1	547063	551801	553228	550697	0.59	cps
Barium	137-1	948715	951208	954940	951621	0.33	cps
Beryllium	9-1	950	1087	881	973	10.77	cps
Bismuth	209-1	9586111	9512312	9560450	9552957	0.39	cps
Bismuth	209-2	7106986	7002405	6936514	7015302	1.23	cps
Bromine	81-1	9170	8936	9056	9054	1.29	cps
Bromine	81-2	243	290	257	263	9.13	cps
Cadmium	108-1	500	490	507	499	1.68	cps
Cadmium	106-1	4094	4007	3817	3973	3.56	cps
Cadmium	111-1	8804	8633	8619	8685	1.18	cps
Calcium	43-1	684928	693555	691727	690070	0.66	cps
Calcium	44-1	10395757	10451112	10444602	10430490	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34386	35074	34476	34645	1.08	cps
Cobalt	59-2	84090	83826	83913	83943	0.16	cps
Copper	63-2	415011	415388	410853	413751	0.61	cps
Dysprosium	156-1	55144	56797	56476	56139	1.56	cps
Dysprosium	156-2	41815	41832	41628	41758	0.27	cps
Erbium	164-1	46621	45955	47059	46545	1.19	cps
Erbium	164-2	29324	29942	29361	29542	1.17	cps
Gadolinium	160-1	54171	55770	54910	54951	1.46	cps
Gadolinium	160-2	36260	35585	36167	36004	1.02	cps
Holmium	165-1	15649541	15646376	15662256	15652724	0.05	cps
Holmium	165-2	9980567	9865445	9849985	9898666	0.72	cps
Indium	115-1	11986026	11752598	11900997	11879874	0.99	cps
Indium	115-2	3743874	3653100	3633414	3676796	1.60	cps
Iron	56-2	63149179	63203721	62725951	63026284	0.41	cps
Iron	57-2	1567217	1584589	1555754	1569187	0.93	cps
Iron	54-2	3459740	3399117	3350770	3403209	1.60	cps
Krypton	83-1	233	203	200	212	8.65	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-10	Instrumnet Name :	P7
Client Sample ID :	MYD481	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:49:17	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1097358	1104943	1104197	1102166	0.38	cps
Lead	207-1	1015942	1021196	1030031	1022390	0.70	cps
Lead	208-1	4725260	4789173	4809541	4774658	0.92	cps
Lithium	6-1	1906171	1886778	1863025	1885325	1.15	cps
Magnesium	24-2	1930973	1949452	1911948	1930791	0.97	cps
Manganese	55-2	2959620	2921980	2885671	2922424	1.27	cps
Molybdenum	94-1	11398	11241	11028	11222	1.66	cps
Molybdenum	95-1	2300	2300	2334	2311	0.83	cps
Molybdenum	96-1	5184	5101	5194	5160	0.99	cps
Molybdenum	97-1	1327	1387	1330	1348	2.50	cps
Molybdenum	98-1	3594	3564	3290	3483	4.80	cps
Neodymium	150-1	93303	92782	94903	93663	1.18	cps
Neodymium	150-2	50082	48654	48386	49040	1.86	cps
Nickel	60-2	22691	22130	22003	22274	1.64	cps
Phosphorus	31-2	30524	30741	29729	30331	1.76	cps
Potassium	39-2	1378858	1372956	1385046	1378953	0.44	cps
Rhodium	103-1	10718556	10669378	10798947	10728960	0.61	cps
Rhodium	103-2	5807395	5779463	5706283	5764380	0.91	cps
Scandium	45-1	6064026	5973159	5990186	6009124	0.80	cps
Scandium	45-2	502413	497509	489013	496311	1.37	cps
Selenium	82-1	549	594	561	568	4.11	cps
Selenium	77-2	150	137	110	132	15.40	cps
Selenium	78-2	300	293	213	269	17.94	cps
Silicon	28-1	29411379	29609573	29549764	29523572	0.34	cps
Silver	107-1	11088	11208	11094	11130	0.61	cps
Silver	109-1	10060	10647	10524	10410	2.97	cps
Sodium	23-2	84510	84513	84493	84505	0.01	cps
Strontium	86-1	79345	80455	80994	80265	1.05	cps
Strontium	88-1	701066	702352	706551	703323	0.41	cps
Sulfur	34-1	259871	264665	264814	263117	1.07	cps
Terbium	159-1	16008256	15954121	16140821	16034399	0.60	cps
Terbium	159-2	9817235	9648148	9649218	9704867	1.00	cps
Thallium	203-1	2047	1927	1870	1948	4.63	cps
Thallium	205-1	4631	4564	4601	4599	0.73	cps
Tin	118-1	9183	9520	9533	9412	2.11	cps
Titanium	47-1	458245	466711	464735	463230	0.96	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-10	Instrumnet Name :	P7
Client Sample ID :	MYD481	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:49:17	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9787	9717	9967	9824	1.31	cps
Vanadium	51-2	117557	117143	115736	116812	0.82	cps
Yttrium	89-1	13258824	13207619	13271131	13245858	0.25	cps
Yttrium	89-2	3118784	3122338	3078633	3106585	0.78	cps
Zinc	66-2	322920	320161	317059	320046	0.92	cps
Zirconium	90-1	26203	26033	27599	26612	3.23	cps
Zirconium	91-1	6135	6001	6155	6097	1.37	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-11	Instrumnet Name :	P7
Client Sample ID :	MYD482	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:52:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1345006	1344961	1321004	1336990	1.04	cps
Antimony	121-1	1957	2027	2033	2006	2.12	cps
Arsenic	75-2	8996	9276	8916	9063	2.09	cps
Barium	135-1	475947	482457	485201	481202	0.99	cps
Barium	137-1	821355	835443	836714	831170	1.03	cps
Beryllium	9-1	984	987	969	980	0.96	cps
Bismuth	209-1	9290664	9482613	9491937	9421738	1.21	cps
Bismuth	209-2	6987962	6873350	6987879	6949730	0.95	cps
Bromine	81-1	8896	8736	8489	8707	2.35	cps
Bromine	81-2	280	237	237	251	9.96	cps
Cadmium	108-1	97	103	80	93	12.88	cps
Cadmium	106-1	3370	3457	3294	3374	2.42	cps
Cadmium	111-1	3435	3418	3313	3389	1.95	cps
Calcium	43-1	268208	272366	273442	271338	1.02	cps
Calcium	44-1	4046470	4102325	4152143	4100313	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40016	39919	39772	39903	0.31	cps
Cobalt	59-2	77907	78175	78121	78068	0.18	cps
Copper	63-2	113822	117030	116533	115795	1.49	cps
Dysprosium	156-1	57597	56332	56965	56965	1.11	cps
Dysprosium	156-2	42842	42986	43086	42971	0.29	cps
Erbium	164-1	44832	44330	45052	44738	0.83	cps
Erbium	164-2	28526	28125	28259	28303	0.72	cps
Gadolinium	160-1	53847	54398	53917	54054	0.56	cps
Gadolinium	160-2	34730	35639	35121	35163	1.30	cps
Holmium	165-1	15498143	15672226	15548564	15572977	0.58	cps
Holmium	165-2	9977612	9868362	9913313	9919762	0.55	cps
Indium	115-1	11767914	11940279	11790612	11832935	0.79	cps
Indium	115-2	3694788	3632109	3665250	3664049	0.86	cps
Iron	56-2	44048599	43912543	43868916	43943353	0.21	cps
Iron	57-2	1140203	1147356	1150301	1145953	0.45	cps
Iron	54-2	2404369	2423431	2400292	2409364	0.51	cps
Krypton	83-1	180	187	203	190	6.33	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-11	Instrumnet Name :	P7
Client Sample ID :	MYD482	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:52:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	205750	209198	208341	207763	0.86	cps
Lead	207-1	180654	184088	183386	182710	0.99	cps
Lead	208-1	814606	828594	828904	824035	0.99	cps
Lithium	6-1	1845636	1831698	1866732	1848022	0.95	cps
Magnesium	24-2	1294542	1276463	1283791	1284932	0.71	cps
Manganese	55-2	2325187	2316659	2295796	2312548	0.65	cps
Molybdenum	94-1	7335	7369	7155	7286	1.58	cps
Molybdenum	95-1	1727	1710	1637	1691	2.83	cps
Molybdenum	96-1	3610	3380	3570	3520	3.49	cps
Molybdenum	97-1	933	1047	1130	1037	9.52	cps
Molybdenum	98-1	2594	2720	2487	2600	4.49	cps
Neodymium	150-1	98753	100756	99293	99601	1.04	cps
Neodymium	150-2	52848	52628	52568	52681	0.28	cps
Nickel	60-2	21402	21492	20841	21245	1.66	cps
Phosphorus	31-2	17764	17597	17624	17661	0.51	cps
Potassium	39-2	1228215	1266672	1272726	1255871	1.92	cps
Rhodium	103-1	10747786	10861565	10984661	10864671	1.09	cps
Rhodium	103-2	5843292	5740882	5813799	5799324	0.91	cps
Scandium	45-1	5956441	6104849	6058757	6040015	1.26	cps
Scandium	45-2	496991	502024	501626	500213	0.56	cps
Selenium	82-1	467	503	458	476	5.03	cps
Selenium	77-2	153	133	157	148	8.54	cps
Selenium	78-2	260	310	230	267	15.16	cps
Silicon	28-1	20348378	20511068	20672013	20510486	0.79	cps
Silver	107-1	1843	1793	2034	1890	6.70	cps
Silver	109-1	1710	1683	1863	1752	5.54	cps
Sodium	23-2	69827	70624	70691	70381	0.68	cps
Strontium	86-1	69506	69821	69047	69458	0.56	cps
Strontium	88-1	603696	617223	612744	611221	1.13	cps
Sulfur	34-1	120335	119647	118938	119640	0.58	cps
Terbium	159-1	15888778	15983076	16038806	15970220	0.47	cps
Terbium	159-2	9690058	9659189	9691767	9680338	0.19	cps
Thallium	203-1	867	887	843	866	2.51	cps
Thallium	205-1	2157	2194	2010	2120	4.58	cps
Tin	118-1	5411	5461	5715	5529	2.94	cps
Titanium	47-1	595226	605320	609953	603500	1.25	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-11	Instrumnet Name :	P7
Client Sample ID :	MYD482	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:52:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10628	11078	10938	10881	2.12	cps
Vanadium	51-2	108808	108580	109369	108919	0.37	cps
Yttrium	89-1	13151916	13063037	13124919	13113291	0.35	cps
Yttrium	89-2	3093712	3076497	3118687	3096299	0.69	cps
Zinc	66-2	52870	52405	52662	52646	0.44	cps
Zirconium	90-1	16179	16760	16653	16531	1.87	cps
Zirconium	91-1	3811	3731	3784	3775	1.08	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-12	Instrumnet Name :	P7
Client Sample ID :	MYD483	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:55:40	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2081130	2039187	2023621	2047979	1.45	cps
Antimony	121-1	5768	6005	5978	5917	2.19	cps
Arsenic	75-2	24961	25211	25408	25194	0.89	cps
Barium	135-1	626794	630412	632956	630054	0.49	cps
Barium	137-1	1090936	1099888	1098957	1096593	0.45	cps
Beryllium	9-1	1207	1187	1173	1189	1.42	cps
Bismuth	209-1	9469460	9617391	9570564	9552472	0.79	cps
Bismuth	209-2	6933663	7091647	7140410	7055240	1.53	cps
Bromine	81-1	9133	9383	9233	9250	1.36	cps
Bromine	81-2	327	353	340	340	3.92	cps
Cadmium	108-1	293	250	340	294	15.29	cps
Cadmium	106-1	3727	3734	3617	3693	1.77	cps
Cadmium	111-1	6111	6369	6078	6186	2.58	cps
Calcium	43-1	386071	388981	389924	388325	0.52	cps
Calcium	44-1	5793676	5792987	5877668	5821444	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40020	39465	40147	39877	0.91	cps
Cobalt	59-2	97356	95259	97316	96644	1.24	cps
Copper	63-2	535692	532110	528689	532164	0.66	cps
Dysprosium	156-1	62937	64480	64326	63914	1.33	cps
Dysprosium	156-2	47386	47543	48390	47773	1.13	cps
Erbium	164-1	53087	54536	53749	53791	1.35	cps
Erbium	164-2	34112	33824	33821	33919	0.49	cps
Gadolinium	160-1	61611	61835	62133	61860	0.42	cps
Gadolinium	160-2	42635	41672	41100	41802	1.86	cps
Holmium	165-1	15714679	15770686	15636616	15707327	0.43	cps
Holmium	165-2	9808771	9958549	10113169	9960163	1.53	cps
Indium	115-1	11873943	11962593	11814121	11883553	0.63	cps
Indium	115-2	3642685	3685741	3773078	3700501	1.80	cps
Iron	56-2	52660358	53218493	52505689	52794846	0.71	cps
Iron	57-2	1386879	1380882	1365437	1377733	0.80	cps
Iron	54-2	2921535	2909304	2880916	2903918	0.72	cps
Krypton	83-1	237	187	187	203	14.20	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-12	Instrumnet Name :	P7
Client Sample ID :	MYD483	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:55:40	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	665685	679463	677386	674178	1.10	cps
Lead	207-1	603708	614450	618788	612315	1.27	cps
Lead	208-1	2696638	2732126	2748255	2725673	0.97	cps
Lithium	6-1	1845647	1856436	1857733	1853272	0.36	cps
Magnesium	24-2	2012187	2009910	1997912	2006670	0.38	cps
Manganese	55-2	3202284	3181746	3120519	3168183	1.34	cps
Molybdenum	94-1	10811	11141	11408	11120	2.69	cps
Molybdenum	95-1	2137	2137	2207	2160	1.87	cps
Molybdenum	96-1	4727	4891	4754	4791	1.83	cps
Molybdenum	97-1	1290	1333	1103	1242	9.84	cps
Molybdenum	98-1	3384	3260	3277	3307	2.02	cps
Neodymium	150-1	105914	108362	107667	107314	1.18	cps
Neodymium	150-2	57922	55281	56161	56455	2.38	cps
Nickel	60-2	24998	24520	24827	24782	0.98	cps
Phosphorus	31-2	29071	28750	28797	28873	0.60	cps
Potassium	39-2	1599642	1628964	1589373	1605993	1.28	cps
Rhodium	103-1	10656745	10862829	10791491	10770355	0.97	cps
Rhodium	103-2	5755321	5818062	5862662	5812015	0.93	cps
Scandium	45-1	5986262	6067361	6072995	6042206	0.80	cps
Scandium	45-2	494260	501768	498548	498192	0.76	cps
Selenium	82-1	466	523	562	517	9.32	cps
Selenium	77-2	140	140	167	149	10.34	cps
Selenium	78-2	223	277	273	258	11.59	cps
Silicon	28-1	28579315	28730049	29022630	28777332	0.78	cps
Silver	107-1	8663	8696	8923	8760	1.62	cps
Silver	109-1	7959	8429	8439	8276	3.32	cps
Sodium	23-2	81886	83059	83206	82717	0.87	cps
Strontium	86-1	87330	89647	88406	88461	1.31	cps
Strontium	88-1	766018	783745	780846	776870	1.22	cps
Sulfur	34-1	163975	163005	163514	163498	0.30	cps
Terbium	159-1	16177286	16089879	16206973	16158046	0.38	cps
Terbium	159-2	9693964	9938441	9781334	9804580	1.26	cps
Thallium	203-1	1620	1537	1583	1580	2.64	cps
Thallium	205-1	3727	4084	3847	3886	4.67	cps
Tin	118-1	7519	7936	7389	7614	3.75	cps
Titanium	47-1	582601	599276	598742	593539	1.60	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-12	Instrumnet Name :	P7
Client Sample ID :	MYD483	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:55:40	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12076	12206	12232	12171	0.69	cps
Vanadium	51-2	119955	118548	118104	118869	0.81	cps
Yttrium	89-1	13289113	13613441	13345697	13416084	1.29	cps
Yttrium	89-2	3156361	3165587	3123903	3148617	0.70	cps
Zinc	66-2	150704	150660	150065	150477	0.24	cps
Zirconium	90-1	26561	27252	27492	27102	1.78	cps
Zirconium	91-1	6075	6178	6201	6151	1.10	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-13	Instrumnet Name :	P7
Client Sample ID :	MYD484	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:58:50	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3414918	3362230	3404364	3393837	0.82	cps
Antimony	121-1	5064	4791	5011	4955	2.92	cps
Arsenic	75-2	22534	22567	22013	22371	1.39	cps
Barium	135-1	826988	836845	841049	834961	0.86	cps
Barium	137-1	1428090	1450658	1448728	1442492	0.87	cps
Beryllium	9-1	1623	1693	1761	1693	4.07	cps
Bismuth	209-1	9434662	9486484	9224919	9382022	1.48	cps
Bismuth	209-2	6863173	7165509	6893621	6974101	2.39	cps
Bromine	81-1	9740	9490	9443	9558	1.67	cps
Bromine	81-2	363	397	373	378	4.53	cps
Cadmium	108-1	317	300	283	300	5.55	cps
Cadmium	106-1	3744	3444	3587	3592	4.18	cps
Cadmium	111-1	5756	5361	5753	5623	4.04	cps
Calcium	43-1	339613	343328	344047	342329	0.70	cps
Calcium	44-1	5106807	5198567	5221585	5175653	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56883	56957	56816	56886	0.12	cps
Cobalt	59-2	139743	137509	138606	138619	0.81	cps
Copper	63-2	456182	450902	456160	454415	0.67	cps
Dysprosium	156-1	67963	68117	69471	68517	1.21	cps
Dysprosium	156-2	50818	51792	50634	51081	1.22	cps
Erbium	164-1	58221	59469	59630	59107	1.31	cps
Erbium	164-2	37523	37076	36347	36982	1.61	cps
Gadolinium	160-1	66480	67625	66771	66959	0.89	cps
Gadolinium	160-2	44444	44022	44962	44476	1.06	cps
Holmium	165-1	15656060	15470158	15594201	15573473	0.61	cps
Holmium	165-2	9858297	10021476	9722244	9867339	1.52	cps
Indium	115-1	11692725	11630741	11689639	11671035	0.30	cps
Indium	115-2	3603394	3758377	3654428	3672066	2.15	cps
Iron	56-2	95570015	93341985	94370205	94427402	1.18	cps
Iron	57-2	2342284	2306126	2331397	2326602	0.80	cps
Iron	54-2	5176208	5110457	5143211	5143292	0.64	cps
Krypton	83-1	160	173	223	186	17.99	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-13	Instrumnet Name :	P7
Client Sample ID :	MYD484	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:58:50	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	436558	440958	445603	441040	1.03	cps
Lead	207-1	387265	394727	396942	392978	1.29	cps
Lead	208-1	1749909	1773977	1783386	1769091	0.98	cps
Lithium	6-1	1783399	1828387	1819001	1810262	1.31	cps
Magnesium	24-2	3207106	3178646	3240862	3208871	0.97	cps
Manganese	55-2	3739042	3640484	3722605	3700711	1.43	cps
Molybdenum	94-1	9266	9890	9860	9672	3.64	cps
Molybdenum	95-1	1780	1883	2023	1896	6.44	cps
Molybdenum	96-1	5098	4901	5294	5098	3.86	cps
Molybdenum	97-1	1130	1070	1170	1123	4.48	cps
Molybdenum	98-1	2824	2960	2887	2890	2.37	cps
Neodymium	150-1	117232	116936	116980	117050	0.14	cps
Neodymium	150-2	62340	61704	61644	61896	0.62	cps
Nickel	60-2	32215	33093	32572	32627	1.35	cps
Phosphorus	31-2	16279	16079	16319	16225	0.79	cps
Potassium	39-2	1081548	1087125	1077061	1081911	0.47	cps
Rhodium	103-1	10772051	10677624	10580109	10676594	0.90	cps
Rhodium	103-2	5691914	5847853	5719547	5753105	1.45	cps
Scandium	45-1	6035087	6060817	5969810	6021904	0.78	cps
Scandium	45-2	498332	502637	502593	501188	0.49	cps
Selenium	82-1	531	609	468	536	13.20	cps
Selenium	77-2	237	153	140	177	29.65	cps
Selenium	78-2	243	283	277	268	8.00	cps
Silicon	28-1	27717815	27931060	28166075	27938317	0.80	cps
Silver	107-1	5638	5831	6018	5829	3.26	cps
Silver	109-1	5644	5444	5538	5542	1.81	cps
Sodium	23-2	87077	86695	88026	87266	0.79	cps
Strontium	86-1	170181	174153	175715	173350	1.65	cps
Strontium	88-1	1499431	1532477	1521216	1517708	1.11	cps
Sulfur	34-1	115405	113494	113427	114108	0.98	cps
Terbium	159-1	15885511	16099700	16018301	16001171	0.68	cps
Terbium	159-2	9581340	9953763	9502439	9679180	2.49	cps
Thallium	203-1	1147	1143	1293	1195	7.17	cps
Thallium	205-1	3027	2857	2944	2943	2.89	cps
Tin	118-1	7682	7822	7759	7754	0.90	cps
Titanium	47-1	1097657	1112580	1112305	1107514	0.77	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-13	Instrumnet Name :	P7
Client Sample ID :	MYD484	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 17:58:50	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16003	15589	16010	15867	1.52	cps
Vanadium	51-2	220822	222526	220470	221273	0.50	cps
Yttrium	89-1	13319695	13305578	13117290	13247521	0.85	cps
Yttrium	89-2	3126561	3198061	3097103	3140575	1.65	cps
Zinc	66-2	116571	116970	115629	116390	0.59	cps
Zirconium	90-1	23499	24327	23289	23705	2.32	cps
Zirconium	91-1	5501	5464	5064	5343	4.53	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-19	Instrumnet Name :	P7
Client Sample ID :	MYD490	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:02:02	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2658383	2639536	2660140	2652687	0.43	cps
Antimony	121-1	6672	6475	6435	6527	1.94	cps
Arsenic	75-2	39720	38971	39773	39488	1.14	cps
Barium	135-1	636677	643460	641817	640651	0.55	cps
Barium	137-1	1096044	1115410	1107341	1106265	0.88	cps
Beryllium	9-1	1334	1370	1301	1335	2.56	cps
Bismuth	209-1	9450105	9575580	9601325	9542337	0.85	cps
Bismuth	209-2	7011209	7056080	7003613	7023634	0.40	cps
Bromine	81-1	9376	8903	9443	9241	3.19	cps
Bromine	81-2	380	353	353	362	4.25	cps
Cadmium	108-1	447	457	440	448	1.87	cps
Cadmium	106-1	3827	3824	3844	3832	0.28	cps
Cadmium	111-1	8181	8072	8327	8193	1.57	cps
Calcium	43-1	295561	298820	296884	297088	0.55	cps
Calcium	44-1	4460693	4441295	4519493	4473827	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48775	48692	49307	48924	0.68	cps
Cobalt	59-2	125156	124817	123983	124652	0.48	cps
Copper	63-2	549606	548350	548020	548659	0.15	cps
Dysprosium	156-1	58290	59890	58926	59035	1.36	cps
Dysprosium	156-2	43942	43644	44075	43887	0.50	cps
Erbium	164-1	51468	52679	52685	52277	1.34	cps
Erbium	164-2	32966	33116	34138	33407	1.91	cps
Gadolinium	160-1	57437	58183	58277	57966	0.79	cps
Gadolinium	160-2	39328	38640	38700	38889	0.98	cps
Holmium	165-1	15591685	15631050	15836968	15686568	0.84	cps
Holmium	165-2	9899721	9829645	9838509	9855958	0.39	cps
Indium	115-1	11555548	11800818	11864034	11740133	1.39	cps
Indium	115-2	3684529	3625930	3619474	3643311	0.98	cps
Iron	56-2	78843449	79416824	78865584	79041952	0.41	cps
Iron	57-2	1964810	1949227	1991123	1968387	1.08	cps
Iron	54-2	4309006	4318043	4312612	4313220	0.11	cps
Krypton	83-1	230	143	187	187	23.21	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-19	Instrumnet Name :	P7
Client Sample ID :	MYD490	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:02:02	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	894979	907892	914217	905696	1.08	cps
Lead	207-1	819157	832504	833436	828366	0.96	cps
Lead	208-1	3848006	3911707	3964534	3908082	1.49	cps
Lithium	6-1	1832233	1908410	1886650	1875764	2.09	cps
Magnesium	24-2	2460654	2453588	2454746	2456330	0.15	cps
Manganese	55-2	4039389	4023370	4031588	4031449	0.20	cps
Molybdenum	94-1	8336	8439	8976	8584	4.01	cps
Molybdenum	95-1	2480	2484	2264	2409	5.23	cps
Molybdenum	96-1	4994	4848	4988	4943	1.68	cps
Molybdenum	97-1	1327	1263	1393	1328	4.90	cps
Molybdenum	98-1	3494	3580	3594	3556	1.53	cps
Neodymium	150-1	96913	98377	99085	98125	1.13	cps
Neodymium	150-2	51159	52494	51765	51806	1.29	cps
Nickel	60-2	30144	29943	30434	30174	0.82	cps
Phosphorus	31-2	21569	22246	21832	21882	1.56	cps
Potassium	39-2	1427810	1429785	1430271	1429289	0.09	cps
Rhodium	103-1	10606286	10733715	10685519	10675173	0.60	cps
Rhodium	103-2	5799675	5726372	5806430	5777492	0.77	cps
Scandium	45-1	5962663	5923914	5994096	5960224	0.59	cps
Scandium	45-2	498483	491784	495219	495162	0.68	cps
Selenium	82-1	466	570	591	543	12.32	cps
Selenium	77-2	160	120	150	143	14.52	cps
Selenium	78-2	230	277	277	261	10.32	cps
Silicon	28-1	27832750	28317625	28344336	28164904	1.02	cps
Silver	107-1	7722	7822	8012	7852	1.88	cps
Silver	109-1	7145	7569	7782	7499	4.32	cps
Sodium	23-2	87074	88814	88133	88007	1.00	cps
Strontium	86-1	132106	133207	134501	133271	0.90	cps
Strontium	88-1	1152870	1164890	1172817	1163526	0.86	cps
Sulfur	34-1	117860	114461	116261	116194	1.46	cps
Terbium	159-1	16100733	16199725	16280147	16193535	0.55	cps
Terbium	159-2	9811151	9713999	9669554	9731568	0.74	cps
Thallium	203-1	1407	1330	1270	1336	5.13	cps
Thallium	205-1	3347	3220	3337	3302	2.13	cps
Tin	118-1	8593	8649	8766	8669	1.02	cps
Titanium	47-1	1025946	1041323	1040222	1035830	0.83	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-19	Instrumnet Name :	P7
Client Sample ID :	MYD490	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:02:02	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12146	13087	12920	12717	3.95	cps
Vanadium	51-2	161150	160092	160349	160530	0.34	cps
Yttrium	89-1	13130853	13199794	13375986	13235545	0.96	cps
Yttrium	89-2	3129691	3108270	3117497	3118486	0.34	cps
Zinc	66-2	203675	201719	203713	203036	0.56	cps
Zirconium	90-1	19313	19787	19583	19561	1.22	cps
Zirconium	91-1	4184	4584	4494	4421	4.75	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-20	Instrumnet Name :	P7
Client Sample ID :	MYD491	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:05:10	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3355938	3387437	3357450	3366942	0.53	cps
Antimony	121-1	5281	5188	5024	5164	2.52	cps
Arsenic	75-2	29339	28811	28835	28995	1.03	cps
Barium	135-1	790063	803203	804708	799325	1.01	cps
Barium	137-1	1375031	1390000	1388450	1384494	0.59	cps
Beryllium	9-1	1557	1587	1570	1571	0.94	cps
Bismuth	209-1	9401093	9455765	9259134	9371997	1.08	cps
Bismuth	209-2	7027338	6755783	7208986	6997369	3.26	cps
Bromine	81-1	9476	9560	9100	9379	2.62	cps
Bromine	81-2	357	373	370	367	2.41	cps
Cadmium	108-1	287	387	397	357	17.06	cps
Cadmium	106-1	3714	3447	3667	3609	3.95	cps
Cadmium	111-1	6746	6536	6700	6661	1.66	cps
Calcium	43-1	345583	349962	349942	348495	0.72	cps
Calcium	44-1	5242009	5260137	5292826	5264991	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57405	57064	57011	57160	0.37	cps
Cobalt	59-2	144130	142700	142946	143259	0.53	cps
Copper	63-2	520724	528952	521529	523735	0.87	cps
Dysprosium	156-1	72365	72747	72526	72546	0.26	cps
Dysprosium	156-2	54167	53879	54204	54084	0.33	cps
Erbium	164-1	62737	64136	63309	63394	1.11	cps
Erbium	164-2	40171	40652	39887	40237	0.96	cps
Gadolinium	160-1	71521	72888	72328	72246	0.95	cps
Gadolinium	160-2	47433	47734	46995	47388	0.78	cps
Holmium	165-1	15429497	15568161	15433976	15477211	0.51	cps
Holmium	165-2	9881992	9601137	10244666	9909265	3.26	cps
Indium	115-1	11708079	11684255	11483340	11625225	1.06	cps
Indium	115-2	3642582	3577795	3779979	3666785	2.82	cps
Iron	56-2	93645822	95153592	92353685	93717700	1.50	cps
Iron	57-2	2333804	2388316	2340413	2354178	1.26	cps
Iron	54-2	5132151	5149996	5055325	5112491	0.98	cps
Krypton	83-1	203	167	203	191	11.08	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-20	Instrumnet Name :	P7
Client Sample ID :	MYD491	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:05:10	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	583917	590409	587299	587208	0.55	cps
Lead	207-1	528007	536975	535830	533604	0.91	cps
Lead	208-1	2351013	2382320	2379575	2370969	0.73	cps
Lithium	6-1	1814598	1816077	1862361	1831012	1.48	cps
Magnesium	24-2	3116783	3198361	3127063	3147402	1.41	cps
Manganese	55-2	4037439	4073020	3958753	4023071	1.45	cps
Molybdenum	94-1	9973	10164	10164	10100	1.09	cps
Molybdenum	95-1	2474	2614	2760	2616	5.48	cps
Molybdenum	96-1	5858	6005	5681	5848	2.77	cps
Molybdenum	97-1	1657	1543	1477	1559	5.84	cps
Molybdenum	98-1	3934	3941	4137	4004	2.89	cps
Neodymium	150-1	122967	124379	124245	123864	0.63	cps
Neodymium	150-2	66432	66077	64563	65691	1.51	cps
Nickel	60-2	32345	31236	32144	31908	1.85	cps
Phosphorus	31-2	19079	18979	18498	18852	1.65	cps
Potassium	39-2	1093626	1093821	1092158	1093202	0.08	cps
Rhodium	103-1	10633849	10476119	10652236	10587401	0.91	cps
Rhodium	103-2	5699335	5653192	5935631	5762719	2.63	cps
Scandium	45-1	5933149	5869245	5856787	5886394	0.70	cps
Scandium	45-2	487763	491845	504037	494549	1.71	cps
Selenium	82-1	624	574	547	582	6.68	cps
Selenium	77-2	170	120	193	161	23.26	cps
Selenium	78-2	327	217	283	276	20.11	cps
Silicon	28-1	28590567	28874511	28637243	28700774	0.53	cps
Silver	107-1	7082	7312	7222	7205	1.61	cps
Silver	109-1	6915	6692	6938	6848	1.99	cps
Sodium	23-2	97077	97036	98703	97605	0.97	cps
Strontium	86-1	162370	163190	163001	162854	0.26	cps
Strontium	88-1	1418775	1448871	1448882	1438843	1.21	cps
Sulfur	34-1	110227	112329	111059	111205	0.95	cps
Terbium	159-1	15913883	15854285	15798479	15855549	0.36	cps
Terbium	159-2	9576908	9544687	9856610	9659402	1.78	cps
Thallium	203-1	1277	1247	1333	1286	3.42	cps
Thallium	205-1	3070	3290	3300	3220	4.04	cps
Tin	118-1	9396	9460	9563	9473	0.89	cps
Titanium	47-1	1108622	1121298	1122473	1117464	0.69	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-20	Instrumnet Name :	P7
Client Sample ID :	MYD491	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:05:10	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14311	14321	14635	14422	1.28	cps
Vanadium	51-2	214289	211625	210849	212254	0.85	cps
Yttrium	89-1	13208533	13324651	13092103	13208429	0.88	cps
Yttrium	89-2	3172532	3148177	3226769	3182493	1.26	cps
Zinc	66-2	156187	153335	153601	154374	1.02	cps
Zirconium	90-1	22955	23265	23968	23396	2.22	cps
Zirconium	91-1	5051	5224	5154	5143	1.70	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-21	Instrumnet Name :	P7
Client Sample ID :	MYD492	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:08:22	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2024602	2014797	2003671	2014356	0.52	cps
Antimony	121-1	4614	4751	4694	4686	1.47	cps
Arsenic	75-2	29463	29035	29028	29175	0.85	cps
Barium	135-1	552602	561746	557291	557213	0.82	cps
Barium	137-1	948552	972727	970988	964089	1.40	cps
Beryllium	9-1	1155	1205	1268	1209	4.70	cps
Bismuth	209-1	9242297	9288624	9214929	9248617	0.40	cps
Bismuth	209-2	7155124	7069462	7000449	7075011	1.10	cps
Bromine	81-1	9040	9083	9310	9144	1.59	cps
Bromine	81-2	267	343	357	322	15.07	cps
Cadmium	108-1	180	193	183	186	3.74	cps
Cadmium	106-1	3204	3274	3327	3268	1.89	cps
Cadmium	111-1	4380	4350	4538	4422	2.28	cps
Calcium	43-1	273625	276051	277531	275736	0.72	cps
Calcium	44-1	4157546	4170527	4153980	4160685	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38890	38927	38636	38818	0.41	cps
Cobalt	59-2	94059	94421	92097	93526	1.34	cps
Copper	63-2	258980	259068	257627	258559	0.31	cps
Dysprosium	156-1	52899	52829	53317	53015	0.50	cps
Dysprosium	156-2	39716	39873	38994	39528	1.19	cps
Erbium	164-1	45571	46276	46775	46207	1.31	cps
Erbium	164-2	29321	28673	27988	28661	2.33	cps
Gadolinium	160-1	51012	52163	51862	51679	1.16	cps
Gadolinium	160-2	34061	34616	34900	34526	1.24	cps
Holmium	165-1	15253679	15240220	15258464	15250787	0.06	cps
Holmium	165-2	10067094	9962972	9697863	9909309	1.92	cps
Indium	115-1	11550028	11406057	11499767	11485284	0.64	cps
Indium	115-2	3733777	3679240	3635446	3682821	1.34	cps
Iron	56-2	57580759	57268607	56966091	57271819	0.54	cps
Iron	57-2	1438714	1450597	1439830	1443047	0.45	cps
Iron	54-2	3143751	3146109	3139233	3143031	0.11	cps
Krypton	83-1	170	140	207	172	19.39	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-21	Instrumnet Name :	P7
Client Sample ID :	MYD492	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:08:22	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	516718	519945	522524	519729	0.56	cps
Lead	207-1	478161	480305	480753	479740	0.29	cps
Lead	208-1	2098520	2128881	2122706	2116702	0.76	cps
Lithium	6-1	1795184	1792891	1857679	1815252	2.03	cps
Magnesium	24-2	1878791	1897035	1880613	1885480	0.53	cps
Manganese	55-2	2780180	2831703	2823763	2811882	0.99	cps
Molybdenum	94-1	6408	6572	6515	6498	1.28	cps
Molybdenum	95-1	1643	1693	1723	1687	2.40	cps
Molybdenum	96-1	3540	3680	3754	3658	2.96	cps
Molybdenum	97-1	1083	990	1010	1028	4.78	cps
Molybdenum	98-1	2580	2654	2540	2591	2.22	cps
Neodymium	150-1	88136	88431	90723	89097	1.59	cps
Neodymium	150-2	47011	47426	46650	47029	0.83	cps
Nickel	60-2	23118	22464	23185	22922	1.74	cps
Phosphorus	31-2	16796	16539	15942	16426	2.67	cps
Potassium	39-2	1119401	1115921	1112209	1115844	0.32	cps
Rhodium	103-1	10433468	10348953	10480505	10420976	0.64	cps
Rhodium	103-2	5877154	5831484	5724530	5811056	1.35	cps
Scandium	45-1	5731320	5752929	5864270	5782840	1.23	cps
Scandium	45-2	491180	486050	483958	487063	0.76	cps
Selenium	82-1	507	588	455	517	13.01	cps
Selenium	77-2	133	167	160	153	11.50	cps
Selenium	78-2	280	197	233	237	17.65	cps
Silicon	28-1	24888111	25022630	25213667	25041469	0.65	cps
Silver	107-1	4704	4824	4781	4770	1.27	cps
Silver	109-1	4664	4351	4554	4523	3.52	cps
Sodium	23-2	83809	84148	85003	84320	0.73	cps
Strontium	86-1	123637	125516	126353	125169	1.11	cps
Strontium	88-1	1089258	1107756	1106065	1101026	0.93	cps
Sulfur	34-1	113491	113971	114602	114021	0.49	cps
Terbium	159-1	15695036	15562264	15869607	15708969	0.98	cps
Terbium	159-2	9801707	9657743	9734898	9731449	0.74	cps
Thallium	203-1	797	880	880	852	5.65	cps
Thallium	205-1	2154	2400	2330	2295	5.54	cps
Tin	118-1	6795	6878	7075	6916	2.08	cps
Titanium	47-1	846126	851921	855602	851216	0.56	cps

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LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-21	Instrumnet Name :	P7
Client Sample ID :	MYD492	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:08:22	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9110	9337	9147	9198	1.32	cps
Vanadium	51-2	127808	129785	127469	128354	0.97	cps
Yttrium	89-1	12597142	12658731	12760145	12672006	0.65	cps
Yttrium	89-2	3151323	3068362	3041741	3087142	1.85	cps
Zinc	66-2	119778	119778	118690	119416	0.53	cps
Zirconium	90-1	14497	15105	15071	14891	2.29	cps
Zirconium	91-1	3370	3317	3410	3366	1.39	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-22	Instrumnet Name :	P7
Client Sample ID :	MYD493	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:11:32	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2134621	2175121	2142493	2150745	1.00	cps
Antimony	121-1	4614	4681	4984	4760	4.14	cps
Arsenic	75-2	31246	30809	30324	30793	1.50	cps
Barium	135-1	591335	594291	593658	593094	0.26	cps
Barium	137-1	1027781	1030099	1033408	1030429	0.27	cps
Beryllium	9-1	1115	1262	1274	1217	7.26	cps
Bismuth	209-1	9351622	9221755	9536100	9369826	1.69	cps
Bismuth	209-2	6907669	6842611	6898783	6883021	0.51	cps
Bromine	81-1	8749	9353	9043	9048	3.34	cps
Bromine	81-2	263	250	283	266	6.32	cps
Cadmium	108-1	330	267	200	266	24.48	cps
Cadmium	106-1	3677	3304	3400	3460	5.60	cps
Cadmium	111-1	5750	5516	5914	5727	3.49	cps
Calcium	43-1	231228	232987	234649	232955	0.73	cps
Calcium	44-1	3485199	3563437	3534746	3527794	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54073	53611	53715	53800	0.45	cps
Cobalt	59-2	97735	98292	98624	98217	0.46	cps
Copper	63-2	315707	317662	317117	316829	0.32	cps
Dysprosium	156-1	51327	51039	51159	51175	0.28	cps
Dysprosium	156-2	38272	37781	38489	38181	0.95	cps
Erbium	164-1	44123	43668	44875	44222	1.38	cps
Erbium	164-2	27791	28619	27474	27961	2.12	cps
Gadolinium	160-1	49577	50491	50296	50121	0.96	cps
Gadolinium	160-2	33139	33189	33002	33110	0.29	cps
Holmium	165-1	15126033	15162043	15229431	15172502	0.35	cps
Holmium	165-2	9684919	9603653	9622774	9637115	0.44	cps
Indium	115-1	11603078	11356861	11385258	11448399	1.18	cps
Indium	115-2	3590869	3579762	3558587	3576406	0.46	cps
Iron	56-2	64305689	64954089	64923957	64727912	0.57	cps
Iron	57-2	1619029	1639831	1612603	1623821	0.88	cps
Iron	54-2	3557530	3516652	3555613	3543265	0.65	cps
Krypton	83-1	197	137	133	156	22.91	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-22	Instrumnet Name :	P7
Client Sample ID :	MYD493	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:11:32	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	635750	646745	643866	642120	0.89	cps
Lead	207-1	581433	591493	596448	589791	1.30	cps
Lead	208-1	2593226	2631753	2632060	2619013	0.85	cps
Lithium	6-1	1786045	1823159	1876064	1828423	2.47	cps
Magnesium	24-2	1996311	2000762	2008726	2001933	0.31	cps
Manganese	55-2	3078669	3087367	3076116	3080717	0.19	cps
Molybdenum	94-1	7879	7866	8069	7938	1.43	cps
Molybdenum	95-1	1817	1870	2064	1917	6.77	cps
Molybdenum	96-1	4517	4267	4374	4386	2.86	cps
Molybdenum	97-1	1143	1160	1227	1177	3.75	cps
Molybdenum	98-1	2760	3010	2864	2878	4.37	cps
Neodymium	150-1	84739	86500	87026	86088	1.39	cps
Neodymium	150-2	44764	45744	44644	45051	1.34	cps
Nickel	60-2	24630	24363	24303	24432	0.71	cps
Phosphorus	31-2	16499	16416	15898	16271	2.00	cps
Potassium	39-2	961735	946407	963556	957232	0.98	cps
Rhodium	103-1	10475646	10391167	10530947	10465920	0.67	cps
Rhodium	103-2	5693019	5570993	5616383	5626798	1.10	cps
Scandium	45-1	5824751	5729764	5811311	5788609	0.89	cps
Scandium	45-2	473451	477103	471065	473873	0.64	cps
Selenium	82-1	511	524	552	529	3.97	cps
Selenium	77-2	117	123	117	119	3.24	cps
Selenium	78-2	187	260	213	220	16.87	cps
Silicon	28-1	27320653	27384660	27646755	27450690	0.63	cps
Silver	107-1	5891	6011	5938	5947	1.02	cps
Silver	109-1	5768	5928	5905	5867	1.47	cps
Sodium	23-2	85720	86970	86696	86462	0.76	cps
Strontium	86-1	110373	112250	112375	111666	1.00	cps
Strontium	88-1	975294	990682	985727	983901	0.80	cps
Sulfur	34-1	109794	106367	107330	107830	1.64	cps
Terbium	159-1	15796451	15580629	15751236	15709439	0.72	cps
Terbium	159-2	9603403	9330103	9372502	9435336	1.56	cps
Thallium	203-1	910	1050	1037	999	7.74	cps
Thallium	205-1	2320	2347	2280	2316	1.45	cps
Tin	118-1	8696	8583	8666	8648	0.68	cps
Titanium	47-1	936617	945107	949102	943609	0.68	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-22	Instrumnet Name :	P7
Client Sample ID :	MYD493	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:11:32	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11485	11835	11802	11707	1.65	cps
Vanadium	51-2	142354	141263	141283	141633	0.44	cps
Yttrium	89-1	12835282	12644141	12701165	12726863	0.77	cps
Yttrium	89-2	2992183	2958340	2982516	2977680	0.59	cps
Zinc	66-2	127559	125925	127075	126853	0.66	cps
Zirconium	90-1	18181	18198	17981	18120	0.67	cps
Zirconium	91-1	4117	4111	4121	4116	0.12	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-01	Instrumnet Name :	P7
Client Sample ID :	MYD455	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:14:45	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5734894	5683949	5655242	5691362	0.71	cps
Antimony	121-1	18035	17748	18769	18184	2.90	cps
Arsenic	75-2	68152	68554	67673	68126	0.65	cps
Barium	135-1	537561	546993	541585	542046	0.87	cps
Barium	137-1	932248	941660	940462	938124	0.55	cps
Beryllium	9-1	1755	1678	1755	1729	2.59	cps
Bismuth	209-1	9222151	9318489	9171474	9237371	0.81	cps
Bismuth	209-2	6860072	6881072	6871456	6870867	0.15	cps
Bromine	81-1	8883	9050	8979	8971	0.93	cps
Bromine	81-2	280	307	277	288	5.71	cps
Cadmium	108-1	407	397	353	386	7.35	cps
Cadmium	106-1	3727	4221	3761	3903	7.07	cps
Cadmium	111-1	7495	7681	7576	7584	1.23	cps
Calcium	43-1	283061	285269	285694	284675	0.50	cps
Calcium	44-1	4312091	4297138	4296598	4301942	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115353	114389	115028	114923	0.43	cps
Cobalt	59-2	183989	182033	180622	182215	0.93	cps
Copper	63-2	676718	671857	668872	672482	0.59	cps
Dysprosium	156-1	56998	57999	57179	57392	0.93	cps
Dysprosium	156-2	42792	42494	43464	42917	1.16	cps
Erbium	164-1	51340	51043	52428	51604	1.41	cps
Erbium	164-2	32404	31632	32705	32247	1.72	cps
Gadolinium	160-1	55757	56426	56714	56299	0.87	cps
Gadolinium	160-2	36882	36437	37290	36870	1.16	cps
Holmium	165-1	15422672	15380771	15473284	15425576	0.30	cps
Holmium	165-2	9832028	9742279	9632477	9735595	1.03	cps
Indium	115-1	11461679	11481629	11538458	11493922	0.35	cps
Indium	115-2	3625705	3653060	3574594	3617786	1.10	cps
Iron	56-2	227757183	226586570	226501977	226948577	0.31	cps
Iron	57-2	5622472	5609821	5577083	5603125	0.42	cps
Iron	54-2	12341181	12438012	12315927	12365040	0.52	cps
Krypton	83-1	200	180	210	197	7.77	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-01	Instrumnet Name :	P7
Client Sample ID :	MYD455	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:14:45	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	927397	939751	937221	934790	0.70	cps
Lead	207-1	859039	868103	868553	865232	0.62	cps
Lead	208-1	4024787	4075709	4043563	4048020	0.64	cps
Lithium	6-1	1826908	1855429	1824808	1835715	0.93	cps
Magnesium	24-2	4074839	4044727	3995108	4038224	1.00	cps
Manganese	55-2	3779870	3798644	3774268	3784261	0.34	cps
Molybdenum	94-1	31073	31264	31474	31270	0.64	cps
Molybdenum	95-1	4828	4554	4517	4633	3.66	cps
Molybdenum	96-1	13403	13580	13940	13641	2.01	cps
Molybdenum	97-1	2857	2637	2900	2798	5.05	cps
Molybdenum	98-1	7028	7092	7262	7127	1.69	cps
Neodymium	150-1	92924	95252	94125	94100	1.24	cps
Neodymium	150-2	50052	49741	49128	49640	0.95	cps
Nickel	60-2	41918	41514	42199	41877	0.82	cps
Phosphorus	31-2	20440	19893	19526	19953	2.31	cps
Potassium	39-2	1995437	1963544	1969415	1976132	0.86	cps
Rhodium	103-1	10331777	10438696	10415080	10395184	0.54	cps
Rhodium	103-2	5633331	5672421	5639103	5648285	0.37	cps
Scandium	45-1	5952460	5901001	6004074	5952512	0.87	cps
Scandium	45-2	501141	502785	496099	500009	0.70	cps
Selenium	82-1	595	637	565	599	6.04	cps
Selenium	77-2	157	160	150	156	3.27	cps
Selenium	78-2	307	283	247	279	10.85	cps
Silicon	28-1	13220038	13430990	13404539	13351856	0.86	cps
Silver	107-1	7662	7692	7939	7764	1.96	cps
Silver	109-1	7092	7235	7402	7243	2.14	cps
Sodium	23-2	116872	116302	115563	116246	0.56	cps
Strontium	86-1	137818	142323	141425	140522	1.70	cps
Strontium	88-1	1226765	1237800	1242083	1235549	0.64	cps
Sulfur	34-1	111197	112352	112544	112031	0.65	cps
Terbium	159-1	15658271	15908625	15683358	15750085	0.88	cps
Terbium	159-2	9640825	9659377	9587837	9629346	0.39	cps
Thallium	203-1	2347	2277	2177	2267	3.77	cps
Thallium	205-1	5328	5021	5158	5169	2.97	cps
Tin	118-1	10387	10517	10187	10364	1.61	cps
Titanium	47-1	787723	797835	797131	794230	0.71	cps

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LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-01	Instrumnet Name :	P7
Client Sample ID :	MYD455	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:14:45	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16861	17111	17094	17022	0.82	cps
Vanadium	51-2	414192	413297	410793	412761	0.43	cps
Yttrium	89-1	12821148	12868945	12869499	12853197	0.22	cps
Yttrium	89-2	3095864	3017158	3038204	3050408	1.34	cps
Zinc	66-2	275575	275333	272232	274380	0.68	cps
Zirconium	90-1	75560	77851	77513	76975	1.61	cps
Zirconium	91-1	17390	17183	17270	17281	0.60	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-02	Instrumnet Name :	P7
Client Sample ID :	MYD456	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:17:55	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5208708	5159738	5161576	5176674	0.54	cps
Antimony	121-1	8799	9130	8473	8801	3.73	cps
Arsenic	75-2	28945	28484	28725	28718	0.80	cps
Barium	135-1	538813	543296	542223	541444	0.43	cps
Barium	137-1	926338	938877	939363	934859	0.79	cps
Beryllium	9-1	1772	1685	1788	1749	3.17	cps
Bismuth	209-1	9102128	9083730	9136738	9107532	0.30	cps
Bismuth	209-2	6821112	6756158	6774264	6783845	0.49	cps
Bromine	81-1	8639	8949	8553	8714	2.39	cps
Bromine	81-2	337	323	317	326	3.13	cps
Cadmium	108-1	210	170	177	186	11.55	cps
Cadmium	106-1	3430	3267	3304	3334	2.57	cps
Cadmium	111-1	4024	3908	3846	3926	2.31	cps
Calcium	43-1	289242	289746	293445	290811	0.79	cps
Calcium	44-1	4343862	4382508	4358153	4361508	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96248	95329	95775	95784	0.48	cps
Cobalt	59-2	144359	143616	145026	144334	0.49	cps
Copper	63-2	358842	361672	359942	360152	0.40	cps
Dysprosium	156-1	58099	58197	57852	58049	0.31	cps
Dysprosium	156-2	43320	42822	43691	43278	1.01	cps
Erbium	164-1	51464	52177	52351	51997	0.90	cps
Erbium	164-2	32962	32371	32989	32774	1.07	cps
Gadolinium	160-1	55918	56594	57557	56690	1.45	cps
Gadolinium	160-2	37948	37794	37948	37897	0.23	cps
Holmium	165-1	15070883	15401303	15205316	15225834	1.09	cps
Holmium	165-2	9748094	9478276	9512685	9579685	1.53	cps
Indium	115-1	11381238	11410497	11548915	11446884	0.78	cps
Indium	115-2	3571605	3560409	3558169	3563394	0.20	cps
Iron	56-2	175444497	175447231	174991031	175294253	0.15	cps
Iron	57-2	4323375	4273371	4239882	4278876	0.98	cps
Iron	54-2	9565463	9520037	9462379	9515960	0.54	cps
Krypton	83-1	157	197	180	178	11.30	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-02	Instrumnet Name :	P7
Client Sample ID :	MYD456	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:17:55	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	262555	264027	264347	263643	0.36	cps
Lead	207-1	233371	239242	236849	236487	1.25	cps
Lead	208-1	1046903	1063730	1061789	1057474	0.87	cps
Lithium	6-1	1822312	1800263	1816473	1813016	0.63	cps
Magnesium	24-2	3361115	3323052	3274383	3319516	1.31	cps
Manganese	55-2	2981582	2975205	2969711	2975500	0.20	cps
Molybdenum	94-1	21422	22130	22037	21863	1.76	cps
Molybdenum	95-1	3304	3160	3360	3275	3.15	cps
Molybdenum	96-1	9513	10127	9977	9872	3.24	cps
Molybdenum	97-1	2174	2237	2130	2180	2.46	cps
Molybdenum	98-1	5118	5041	4958	5039	1.59	cps
Neodymium	150-1	95464	96548	97014	96342	0.83	cps
Neodymium	150-2	51517	51397	51353	51422	0.17	cps
Nickel	60-2	36027	36448	35923	36132	0.77	cps
Phosphorus	31-2	14861	15044	14303	14736	2.62	cps
Potassium	39-2	1961775	1969968	1951923	1961222	0.46	cps
Rhodium	103-1	10345620	10556282	10360393	10420765	1.13	cps
Rhodium	103-2	5588819	5521745	5573906	5561490	0.63	cps
Scandium	45-1	6024871	5964064	5905191	5964709	1.00	cps
Scandium	45-2	494158	485341	495248	491582	1.11	cps
Selenium	82-1	556	554	563	558	0.88	cps
Selenium	77-2	170	213	163	182	14.90	cps
Selenium	78-2	290	247	277	271	8.19	cps
Silicon	28-1	11650155	11742026	11728054	11706745	0.42	cps
Silver	107-1	3217	3230	3604	3350	6.55	cps
Silver	109-1	3014	3137	3394	3181	6.09	cps
Sodium	23-2	83501	83253	84516	83757	0.80	cps
Strontium	86-1	144396	143555	145369	144440	0.63	cps
Strontium	88-1	1261238	1276337	1275184	1270920	0.66	cps
Sulfur	34-1	112946	112628	113356	112977	0.32	cps
Terbium	159-1	15605564	15906898	15690624	15734362	0.99	cps
Terbium	159-2	9563069	9419688	9418599	9467119	0.88	cps
Thallium	203-1	1520	1510	1597	1542	3.07	cps
Thallium	205-1	3601	3607	3644	3617	0.65	cps
Tin	118-1	7259	7189	7345	7264	1.08	cps
Titanium	47-1	548766	555492	563072	555777	1.29	cps

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LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-02	Instrumnet Name :	P7
Client Sample ID :	MYD456	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:17:55	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14041	13824	14074	13980	0.97	cps
Vanadium	51-2	302647	301467	299592	301235	0.51	cps
Yttrium	89-1	12773954	12836537	12879428	12829973	0.41	cps
Yttrium	89-2	3068966	2976517	3053267	3032916	1.63	cps
Zinc	66-2	110931	107664	107778	108791	1.70	cps
Zirconium	90-1	53724	54246	54758	54243	0.95	cps
Zirconium	91-1	12028	12255	12379	12221	1.45	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-03	Instrumnet Name :	P7
Client Sample ID :	MYD457	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:21:08	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4694138	4630488	4734189	4686271	1.12	cps
Antimony	121-1	16273	16399	16620	16431	1.07	cps
Arsenic	75-2	50482	49897	49676	50018	0.83	cps
Barium	135-1	583657	584864	584579	584367	0.11	cps
Barium	137-1	1000701	1016082	1021792	1012858	1.08	cps
Beryllium	9-1	1586	1540	1672	1599	4.17	cps
Bismuth	209-1	9231058	9323380	9166479	9240306	0.85	cps
Bismuth	209-2	6931437	6903548	6942134	6925706	0.29	cps
Bromine	81-1	8619	8179	8516	8438	2.73	cps
Bromine	81-2	263	283	290	279	4.98	cps
Cadmium	108-1	393	360	433	396	9.28	cps
Cadmium	106-1	3644	3460	3434	3513	3.26	cps
Cadmium	111-1	6143	6188	6048	6126	1.17	cps
Calcium	43-1	266907	267765	269982	268218	0.59	cps
Calcium	44-1	4049833	4070406	4084495	4068245	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87824	87294	86215	87111	0.94	cps
Cobalt	59-2	141146	140749	139632	140509	0.56	cps
Copper	63-2	507874	508514	506837	507742	0.17	cps
Dysprosium	156-1	52116	52250	52658	52342	0.54	cps
Dysprosium	156-2	39646	38733	39057	39146	1.18	cps
Erbium	164-1	46246	46969	47333	46849	1.18	cps
Erbium	164-2	29939	29378	29438	29585	1.04	cps
Gadolinium	160-1	51280	51140	51267	51229	0.15	cps
Gadolinium	160-2	34222	34329	33677	34076	1.03	cps
Holmium	165-1	15360469	15274038	15342779	15325762	0.30	cps
Holmium	165-2	9850233	9749619	9718127	9772659	0.71	cps
Indium	115-1	11525259	11432496	11507227	11488327	0.43	cps
Indium	115-2	3581422	3618185	3569068	3589558	0.71	cps
Iron	56-2	185137784	184736851	184249344	184707993	0.24	cps
Iron	57-2	4604846	4515326	4505973	4542048	1.20	cps
Iron	54-2	10057938	10032989	10006822	10032583	0.25	cps
Krypton	83-1	183	137	190	170	17.09	cps

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LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-03	Instrumnet Name :	P7
Client Sample ID :	MYD457	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:21:08	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	752008	751275	758255	753846	0.51	cps
Lead	207-1	681331	687903	694040	687758	0.92	cps
Lead	208-1	3037844	3072388	3083097	3064443	0.77	cps
Lithium	6-1	1783763	1737704	1773071	1764846	1.37	cps
Magnesium	24-2	3245429	3172569	3279120	3232373	1.68	cps
Manganese	55-2	3329536	3318346	3291184	3313022	0.60	cps
Molybdenum	94-1	27773	28117	28047	27979	0.65	cps
Molybdenum	95-1	3894	4227	3927	4016	4.57	cps
Molybdenum	96-1	11782	11772	12032	11862	1.24	cps
Molybdenum	97-1	2517	2754	2530	2600	5.11	cps
Molybdenum	98-1	6512	6391	6582	6495	1.48	cps
Neodymium	150-1	84226	86319	86476	85674	1.47	cps
Neodymium	150-2	44817	45593	45771	45394	1.12	cps
Nickel	60-2	35983	35632	35098	35571	1.25	cps
Phosphorus	31-2	18742	18455	18628	18608	0.78	cps
Potassium	39-2	2041516	2013509	2072410	2042478	1.44	cps
Rhodium	103-1	10626112	10503963	10476505	10535527	0.76	cps
Rhodium	103-2	5595574	5677790	5681492	5651619	0.86	cps
Scandium	45-1	5933766	5997543	5999267	5976859	0.62	cps
Scandium	45-2	495132	493761	493878	494257	0.15	cps
Selenium	82-1	588	668	596	618	7.13	cps
Selenium	77-2	130	150	137	139	7.33	cps
Selenium	78-2	260	267	260	262	1.47	cps
Silicon	28-1	13461694	13693484	13728507	13627895	1.06	cps
Silver	107-1	5781	5891	6091	5921	2.66	cps
Silver	109-1	5404	5758	5691	5618	3.34	cps
Sodium	23-2	86276	85167	85881	85775	0.66	cps
Strontium	86-1	146662	147254	147975	147297	0.45	cps
Strontium	88-1	1280800	1300391	1307952	1296381	1.08	cps
Sulfur	34-1	114834	115740	114780	115118	0.47	cps
Terbium	159-1	15860800	15679208	15671378	15737129	0.68	cps
Terbium	159-2	9658231	9695879	9659997	9671369	0.22	cps
Thallium	203-1	1860	1947	1893	1900	2.30	cps
Thallium	205-1	4838	4571	4888	4765	3.57	cps
Tin	118-1	8906	9306	9220	9144	2.30	cps
Titanium	47-1	721508	728027	731926	727154	0.72	cps

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LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-03	Instrumnet Name :	P7
Client Sample ID :	MYD457	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:21:08	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16494	17148	17038	16893	2.07	cps
Vanadium	51-2	319486	319023	322836	320448	0.65	cps
Yttrium	89-1	12736166	12695622	13042676	12824821	1.48	cps
Yttrium	89-2	3032694	3037470	3077051	3049072	0.80	cps
Zinc	66-2	221693	220125	221271	221030	0.37	cps
Zirconium	90-1	67551	67374	69473	68133	1.71	cps
Zirconium	91-1	15849	15632	15795	15759	0.72	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-04	Instrumnet Name :	P7
Client Sample ID :	MYD458	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:24:18	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4295825	4383226	4331368	4336806	1.01	cps
Antimony	121-1	19043	20228	19663	19645	3.02	cps
Arsenic	75-2	64955	64195	64325	64491	0.63	cps
Barium	135-1	577036	578753	588545	581445	1.07	cps
Barium	137-1	994892	997088	1008077	1000019	0.71	cps
Beryllium	9-1	1547	1554	1405	1502	5.59	cps
Bismuth	209-1	9333349	9217198	9237364	9262637	0.67	cps
Bismuth	209-2	6869999	6906233	6882445	6886226	0.27	cps
Bromine	81-1	8859	8626	8619	8702	1.57	cps
Bromine	81-2	280	317	280	292	7.24	cps
Cadmium	108-1	360	413	343	372	9.82	cps
Cadmium	106-1	3801	4054	3684	3846	4.92	cps
Cadmium	111-1	7279	7289	7213	7260	0.57	cps
Calcium	43-1	283909	289723	289007	287547	1.10	cps
Calcium	44-1	4325802	4348171	4340863	4338279	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88880	88420	86553	87951	1.40	cps
Cobalt	59-2	127560	125973	126164	126566	0.68	cps
Copper	63-2	545744	540416	540393	542185	0.57	cps
Dysprosium	156-1	46577	46483	47473	46844	1.17	cps
Dysprosium	156-2	35107	35425	35415	35315	0.51	cps
Erbium	164-1	41675	42488	42936	42366	1.51	cps
Erbium	164-2	26649	26582	27043	26758	0.93	cps
Gadolinium	160-1	45350	45955	46092	45799	0.86	cps
Gadolinium	160-2	30887	30847	31482	31072	1.14	cps
Holmium	165-1	15374348	15376844	15388682	15379958	0.05	cps
Holmium	165-2	9871908	9893277	9744319	9836501	0.82	cps
Indium	115-1	11653910	11607772	11509090	11590257	0.64	cps
Indium	115-2	3586512	3620773	3572412	3593232	0.69	cps
Iron	56-2	174690197	174104537	173405944	174066893	0.37	cps
Iron	57-2	4337575	4327868	4261119	4308854	0.97	cps
Iron	54-2	9525194	9409301	9427253	9453916	0.66	cps
Krypton	83-1	190	203	167	187	9.94	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-04	Instrumnet Name :	P7
Client Sample ID :	MYD458	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:24:18	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	799503	801463	817855	806274	1.25	cps
Lead	207-1	738974	743497	743358	741943	0.35	cps
Lead	208-1	3451096	3440923	3491893	3461304	0.78	cps
Lithium	6-1	1839615	1828183	1812370	1826723	0.75	cps
Magnesium	24-2	2994929	2970321	2961928	2975726	0.58	cps
Manganese	55-2	3173203	3165062	3137095	3158453	0.60	cps
Molybdenum	94-1	24364	25138	25332	24945	2.05	cps
Molybdenum	95-1	4551	4424	4801	4592	4.18	cps
Molybdenum	96-1	11485	11395	11701	11527	1.37	cps
Molybdenum	97-1	2867	2980	2974	2940	2.16	cps
Molybdenum	98-1	7332	7382	7205	7306	1.25	cps
Neodymium	150-1	77652	79801	79321	78925	1.43	cps
Neodymium	150-2	41775	41648	40776	41400	1.31	cps
Nickel	60-2	31967	31390	31750	31702	0.92	cps
Phosphorus	31-2	16239	16562	16079	16293	1.51	cps
Potassium	39-2	1910014	1897557	1868052	1891874	1.14	cps
Rhodium	103-1	10360989	10469312	10433117	10421139	0.53	cps
Rhodium	103-2	5718810	5629506	5606452	5651589	1.05	cps
Scandium	45-1	5926240	5955459	5942286	5941329	0.25	cps
Scandium	45-2	494459	489551	492311	492107	0.50	cps
Selenium	82-1	568	574	709	617	12.87	cps
Selenium	77-2	120	130	130	127	4.56	cps
Selenium	78-2	277	233	287	266	10.67	cps
Silicon	28-1	13342425	13335133	13369423	13348994	0.14	cps
Silver	107-1	10621	10968	10541	10710	2.12	cps
Silver	109-1	10000	10521	10234	10251	2.54	cps
Sodium	23-2	78746	79671	79581	79333	0.64	cps
Strontium	86-1	136277	139436	138013	137908	1.15	cps
Strontium	88-1	1202729	1202422	1209179	1204777	0.32	cps
Sulfur	34-1	187894	187211	187242	187449	0.21	cps
Terbium	159-1	15789635	15794593	15925149	15836459	0.49	cps
Terbium	159-2	9718618	9628733	9558544	9635298	0.83	cps
Thallium	203-1	1840	1807	1860	1836	1.47	cps
Thallium	205-1	4307	4187	4384	4293	2.31	cps
Tin	118-1	9286	9043	9160	9163	1.33	cps
Titanium	47-1	582311	590455	588315	587027	0.72	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-04	Instrumnet Name :	P7
Client Sample ID :	MYD458	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:24:18	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13253	13871	13801	13642	2.48	cps
Vanadium	51-2	314210	312465	310936	312537	0.52	cps
Yttrium	89-1	12756429	12761319	12727819	12748523	0.14	cps
Yttrium	89-2	3039312	3069226	2992216	3033585	1.28	cps
Zinc	66-2	248881	249310	248043	248745	0.26	cps
Zirconium	90-1	59517	60209	60367	60031	0.75	cps
Zirconium	91-1	13503	13513	13490	13502	0.09	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05	Instrumnet Name :	P7
Client Sample ID :	MYD459	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:27:29	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5772575	5753101	5673803	5733160	0.91	cps
Antimony	121-1	7152	7185	7005	7114	1.35	cps
Arsenic	75-2	35055	36187	35339	35527	1.66	cps
Barium	135-1	625313	626919	624814	625682	0.18	cps
Barium	137-1	1072566	1084184	1083028	1079926	0.59	cps
Beryllium	9-1	1635	1893	1876	1801	8.01	cps
Bismuth	209-1	9201672	9430729	9275825	9302742	1.26	cps
Bismuth	209-2	6828604	6909209	6838490	6858768	0.64	cps
Bromine	81-1	9016	8929	8933	8959	0.55	cps
Bromine	81-2	250	300	270	273	9.21	cps
Cadmium	108-1	267	297	303	289	6.76	cps
Cadmium	106-1	3577	3731	3467	3592	3.68	cps
Cadmium	111-1	4944	5037	4795	4925	2.48	cps
Calcium	43-1	293249	295523	290909	293227	0.79	cps
Calcium	44-1	4449292	4383630	4417454	4416792	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94050	92115	92132	92766	1.20	cps
Cobalt	59-2	135767	134704	135740	135404	0.45	cps
Copper	63-2	374271	373907	371667	373281	0.38	cps
Dysprosium	156-1	58628	59261	59064	58984	0.55	cps
Dysprosium	156-2	43517	43531	43641	43563	0.16	cps
Erbium	164-1	53110	53810	52726	53215	1.03	cps
Erbium	164-2	32979	33286	33751	33339	1.17	cps
Gadolinium	160-1	57899	58548	58645	58364	0.70	cps
Gadolinium	160-2	38272	38499	38817	38529	0.71	cps
Holmium	165-1	15477802	15343351	15410777	15410643	0.44	cps
Holmium	165-2	9809744	9765250	9582093	9719029	1.24	cps
Indium	115-1	11504973	11486427	11561108	11517503	0.34	cps
Indium	115-2	3580406	3625815	3542606	3582942	1.16	cps
Iron	56-2	191195624	189285011	190543630	190341422	0.51	cps
Iron	57-2	4701726	4697417	4735109	4711417	0.44	cps
Iron	54-2	10506615	10234089	10379039	10373247	1.31	cps
Krypton	83-1	190	180	123	164	21.86	cps

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On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05	Instrumnet Name :	P7
Client Sample ID :	MYD459	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:27:29	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	397340	402803	401408	400517	0.71	cps
Lead	207-1	356676	357560	360045	358094	0.49	cps
Lead	208-1	1594863	1620894	1613416	1609724	0.83	cps
Lithium	6-1	1810398	1869647	1804548	1828198	1.97	cps
Magnesium	24-2	3578432	3565523	3536296	3560083	0.61	cps
Manganese	55-2	3268603	3224973	3242555	3245377	0.68	cps
Molybdenum	94-1	32386	33405	32579	32790	1.65	cps
Molybdenum	95-1	3467	3340	3677	3495	4.87	cps
Molybdenum	96-1	12179	12262	12439	12293	1.08	cps
Molybdenum	97-1	2277	2234	2280	2264	1.15	cps
Molybdenum	98-1	5494	5404	5488	5462	0.92	cps
Neodymium	150-1	98058	99384	99729	99057	0.89	cps
Neodymium	150-2	52471	51196	52949	52205	1.74	cps
Nickel	60-2	33541	33828	33391	33586	0.66	cps
Phosphorus	31-2	14791	14524	14434	14583	1.27	cps
Potassium	39-2	1257119	1241257	1257985	1252120	0.75	cps
Rhodium	103-1	10447591	10546598	10435046	10476412	0.58	cps
Rhodium	103-2	5657122	5610663	5579959	5615915	0.69	cps
Scandium	45-1	5982758	5954843	5905640	5947747	0.66	cps
Scandium	45-2	491892	489029	491157	490693	0.30	cps
Selenium	82-1	546	525	647	573	11.40	cps
Selenium	77-2	150	93	117	120	23.73	cps
Selenium	78-2	237	273	297	269	11.25	cps
Silicon	28-1	20302690	20811691	20245748	20453377	1.52	cps
Silver	107-1	4281	4097	3967	4115	3.83	cps
Silver	109-1	3764	4014	4061	3946	4.04	cps
Sodium	23-2	94682	94635	94400	94572	0.16	cps
Strontium	86-1	145608	146652	146507	146256	0.39	cps
Strontium	88-1	1291405	1296926	1295987	1294773	0.23	cps
Sulfur	34-1	110136	109116	107545	108932	1.20	cps
Terbium	159-1	15873043	15899875	15740872	15837930	0.54	cps
Terbium	159-2	9613937	9650570	9566318	9610275	0.44	cps
Thallium	203-1	1600	1703	1577	1627	4.14	cps
Thallium	205-1	3801	3934	3584	3773	4.68	cps
Tin	118-1	7399	7282	7595	7425	2.13	cps
Titanium	47-1	630460	635808	631936	632735	0.44	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05	Instrumnet Name :	P7
Client Sample ID :	MYD459	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:27:29	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15723	16270	15743	15912	1.95	cps
Vanadium	51-2	349866	346211	346095	347391	0.62	cps
Yttrium	89-1	13039187	12887921	12893708	12940272	0.66	cps
Yttrium	89-2	3052908	3071802	3011387	3045366	1.01	cps
Zinc	66-2	141755	140890	140527	141057	0.45	cps
Zirconium	90-1	80941	83535	82155	82210	1.58	cps
Zirconium	91-1	18305	18538	18148	18330	1.07	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-06	Instrumnet Name :	P7
Client Sample ID :	MYD459D	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:30:39	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5633603	5617221	5566630	5605818	0.62	cps
Antimony	121-1	6762	6945	6665	6791	2.10	cps
Arsenic	75-2	34821	35125	34323	34756	1.16	cps
Barium	135-1	608468	614023	609821	610771	0.47	cps
Barium	137-1	1052021	1052865	1053156	1052680	0.06	cps
Beryllium	9-1	1820	1742	1853	1805	3.16	cps
Bismuth	209-1	9214450	9307855	9225481	9249262	0.55	cps
Bismuth	209-2	6870873	6890728	6810165	6857256	0.61	cps
Bromine	81-1	8489	8836	8776	8700	2.13	cps
Bromine	81-2	300	243	290	278	10.89	cps
Cadmium	108-1	320	287	280	296	7.25	cps
Cadmium	106-1	3781	3637	3604	3674	2.56	cps
Cadmium	111-1	4946	4899	5030	4958	1.34	cps
Calcium	43-1	284633	286581	285773	285662	0.34	cps
Calcium	44-1	4317049	4283468	4282941	4294486	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91686	90935	91710	91444	0.48	cps
Cobalt	59-2	133948	134590	134419	134319	0.25	cps
Copper	63-2	363000	366141	363993	364378	0.44	cps
Dysprosium	156-1	57497	58474	58207	58059	0.87	cps
Dysprosium	156-2	42223	42400	42631	42418	0.48	cps
Erbium	164-1	52338	51441	51893	51890	0.86	cps
Erbium	164-2	32635	32174	32157	32322	0.84	cps
Gadolinium	160-1	56878	57832	56108	56940	1.52	cps
Gadolinium	160-2	38566	37828	37500	37965	1.44	cps
Holmium	165-1	15375186	15283531	15187816	15282178	0.61	cps
Holmium	165-2	9678247	9754899	9642484	9691877	0.59	cps
Indium	115-1	11519476	11533728	11388323	11480509	0.70	cps
Indium	115-2	3541023	3594389	3532622	3556011	0.94	cps
Iron	56-2	187217811	186832397	186622797	186891002	0.16	cps
Iron	57-2	4665814	4605015	4569563	4613464	1.06	cps
Iron	54-2	10241148	10306503	10112279	10219977	0.97	cps
Krypton	83-1	153	167	187	169	9.93	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-06	Instrumnet Name :	P7
Client Sample ID :	MYD459D	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:30:39	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	391120	393148	391983	392084	0.26	cps
Lead	207-1	348375	353231	352556	351387	0.75	cps
Lead	208-1	1567841	1583730	1578131	1576567	0.51	cps
Lithium	6-1	1873257	1786356	1866443	1842019	2.62	cps
Magnesium	24-2	3466273	3438087	3491817	3465392	0.78	cps
Manganese	55-2	3157447	3193756	3179703	3176969	0.58	cps
Molybdenum	94-1	31454	31537	31514	31502	0.14	cps
Molybdenum	95-1	2977	2967	2857	2934	2.27	cps
Molybdenum	96-1	11375	11375	11862	11537	2.44	cps
Molybdenum	97-1	1933	1830	1823	1862	3.31	cps
Molybdenum	98-1	4507	4454	4571	4511	1.30	cps
Neodymium	150-1	96182	97541	97900	97207	0.93	cps
Neodymium	150-2	51310	50664	51139	51037	0.66	cps
Nickel	60-2	33280	32712	32475	32823	1.26	cps
Phosphorus	31-2	14203	13646	13903	13918	2.00	cps
Potassium	39-2	1219142	1205945	1212442	1212510	0.54	cps
Rhodium	103-1	10348462	10331391	10396219	10358691	0.32	cps
Rhodium	103-2	5624629	5551062	5534360	5570017	0.86	cps
Scandium	45-1	5935489	5897820	5896643	5909984	0.37	cps
Scandium	45-2	490134	483077	484811	486007	0.76	cps
Selenium	82-1	582	612	560	585	4.47	cps
Selenium	77-2	130	100	137	122	15.98	cps
Selenium	78-2	270	277	287	278	3.02	cps
Silicon	28-1	19570576	19570576	19596013	19579055	0.08	cps
Silver	107-1	3901	4001	4037	3979	1.78	cps
Silver	109-1	3784	3517	3704	3668	3.73	cps
Sodium	23-2	91241	91064	90889	91065	0.19	cps
Strontium	86-1	141182	143104	143767	142684	0.94	cps
Strontium	88-1	1247870	1259619	1266054	1257847	0.73	cps
Sulfur	34-1	106524	107511	107673	107236	0.58	cps
Terbium	159-1	15742505	15993234	15849215	15861651	0.79	cps
Terbium	159-2	9705249	9499378	9552554	9585727	1.11	cps
Thallium	203-1	1493	1450	1583	1509	4.51	cps
Thallium	205-1	3571	3410	3457	3479	2.37	cps
Tin	118-1	7335	7139	7038	7171	2.11	cps
Titanium	47-1	610585	617283	619422	615763	0.75	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-06	Instrumnet Name :	P7
Client Sample ID :	MYD459D	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:30:39	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15205	15713	15155	15358	2.01	cps
Vanadium	51-2	342631	338030	338416	339692	0.75	cps
Yttrium	89-1	12762885	12882606	12755060	12800184	0.56	cps
Yttrium	89-2	3005795	2998932	2953417	2986048	0.95	cps
Zinc	66-2	138071	137902	135851	137275	0.90	cps
Zirconium	90-1	78716	81189	80636	80181	1.62	cps
Zirconium	91-1	17527	18265	17731	17841	2.13	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD459L	Dilution Factor :	5
Date & Time Acquired :	2024-09-29 18:33:51	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1067209	1066507	1061374	1065030	0.30	cps
Antimony	121-1	1330	1367	1320	1339	1.84	cps
Arsenic	75-2	6608	6515	6521	6548	0.80	cps
Barium	135-1	114680	114879	115225	114928	0.24	cps
Barium	137-1	198133	196708	195718	196853	0.62	cps
Beryllium	9-1	380	397	367	381	4.00	cps
Bismuth	209-1	9137134	9437805	9330165	9301701	1.64	cps
Bismuth	209-2	6898595	6791767	7108567	6932977	2.32	cps
Bromine	81-1	7929	7959	7642	7843	2.23	cps
Bromine	81-2	83	110	90	94	14.70	cps
Cadmium	108-1	57	53	67	59	11.79	cps
Cadmium	106-1	2927	2974	3047	2983	2.03	cps
Cadmium	111-1	2533	2491	2590	2538	1.95	cps
Calcium	43-1	52939	52537	54086	53187	1.51	cps
Calcium	44-1	854298	867300	863904	861834	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18632	17947	18124	18234	1.95	cps
Cobalt	59-2	24814	24961	24370	24715	1.24	cps
Copper	63-2	67829	69356	68499	68562	1.12	cps
Dysprosium	156-1	11028	11041	10824	10964	1.11	cps
Dysprosium	156-2	8122	7919	7759	7933	2.30	cps
Erbium	164-1	9910	9914	9954	9926	0.24	cps
Erbium	164-2	6221	6018	6278	6173	2.22	cps
Gadolinium	160-1	10264	10594	10514	10457	1.65	cps
Gadolinium	160-2	7535	7345	7442	7441	1.28	cps
Holmium	165-1	15390513	15023149	15018765	15144142	1.41	cps
Holmium	165-2	9567529	9338868	9868438	9591612	2.77	cps
Indium	115-1	11785172	11467145	11435284	11562534	1.67	cps
Indium	115-2	3531360	3458916	3610726	3533667	2.15	cps
Iron	56-2	34762919	34425061	34355487	34514489	0.63	cps
Iron	57-2	907587	902683	896071	902113	0.64	cps
Iron	54-2	1900332	1863892	1871645	1878623	1.02	cps
Krypton	83-1	133	113	117	121	8.85	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD459L	Dilution Factor :	5
Date & Time Acquired :	2024-09-29 18:33:51	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	75200	75022	74991	75071	0.15	cps
Lead	207-1	67540	65872	65195	66202	1.82	cps
Lead	208-1	299352	298918	296410	298226	0.53	cps
Lithium	6-1	1788049	1856329	1820694	1821691	1.87	cps
Magnesium	24-2	660286	661795	656823	659634	0.39	cps
Manganese	55-2	598746	595796	592234	595592	0.55	cps
Molybdenum	94-1	6028	6125	6161	6105	1.13	cps
Molybdenum	95-1	787	873	863	841	5.64	cps
Molybdenum	96-1	2540	2540	2440	2507	2.30	cps
Molybdenum	97-1	497	543	433	491	11.24	cps
Molybdenum	98-1	1390	1340	1413	1381	2.71	cps
Neodymium	150-1	18205	18472	18322	18333	0.73	cps
Neodymium	150-2	9663	9770	9737	9723	0.56	cps
Nickel	60-2	6521	6178	6295	6331	2.76	cps
Phosphorus	31-2	2614	2777	2524	2638	4.87	cps
Potassium	39-2	252539	252395	250528	251821	0.45	cps
Rhodium	103-1	10638832	10457136	10356971	10484313	1.36	cps
Rhodium	103-2	5553975	5419931	5581222	5518376	1.56	cps
Scandium	45-1	5713423	5677758	5679552	5690244	0.35	cps
Scandium	45-2	462134	449393	473633	461720	2.63	cps
Selenium	82-1	485	489	433	469	6.71	cps
Selenium	77-2	33	47	20	33	40.01	cps
Selenium	78-2	143	150	203	166	19.86	cps
Silicon	28-1	3836456	3930447	3882398	3883100	1.21	cps
Silver	107-1	830	847	747	808	6.63	cps
Silver	109-1	747	683	690	707	4.92	cps
Sodium	23-2	26426	25711	25608	25915	1.72	cps
Strontium	86-1	27192	26961	27362	27172	0.74	cps
Strontium	88-1	232089	235080	233138	233436	0.65	cps
Sulfur	34-1	99790	100631	98505	99642	1.07	cps
Terbium	159-1	15610428	15209351	15114996	15311592	1.72	cps
Terbium	159-2	9390903	9204861	9693401	9429722	2.61	cps
Thallium	203-1	303	333	300	312	5.88	cps
Thallium	205-1	793	730	717	747	5.49	cps
Tin	118-1	2087	1977	1867	1977	5.57	cps
Titanium	47-1	115319	114076	115984	115126	0.84	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05LX5	Instrumnet Name :	P7
Client Sample ID :	MYD459L	Dilution Factor :	5
Date & Time Acquired :	2024-09-29 18:33:51	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2817	2727	2970	2838	4.34	cps
Vanadium	51-2	63272	62633	62773	62893	0.53	cps
Yttrium	89-1	11966369	12436176	12092204	12164916	2.00	cps
Yttrium	89-2	2831217	2791017	2902196	2841477	1.98	cps
Zinc	66-2	26507	25455	26457	26140	2.27	cps
Zirconium	90-1	15378	15268	15999	15548	2.53	cps
Zirconium	91-1	3304	3360	3380	3348	1.19	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-07	Instrumnet Name :	P7
Client Sample ID :	MYD459S	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:37:05	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5646731	5561646	5501114	5569830	1.31	cps
Antimony	121-1	420088	424918	425364	423457	0.69	cps
Arsenic	75-2	41314	41421	41558	41431	0.30	cps
Barium	135-1	2838887	2895857	2880196	2871647	1.02	cps
Barium	137-1	4934915	4994704	5018896	4982838	0.87	cps
Beryllium	9-1	32826	33178	33020	33008	0.53	cps
Bismuth	209-1	9092763	9049495	9108164	9083474	0.33	cps
Bismuth	209-2	6816159	6829187	6820842	6822062	0.10	cps
Bromine	81-1	8149	8463	8746	8452	3.53	cps
Bromine	81-2	273	250	227	250	9.33	cps
Cadmium	108-1	3647	3507	3821	3658	4.29	cps
Cadmium	106-1	8219	8012	8279	8170	1.71	cps
Cadmium	111-1	55769	57144	56148	56353	1.26	cps
Calcium	43-1	275159	273869	275854	274960	0.37	cps
Calcium	44-1	4143673	4126221	4168839	4146245	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	364461	366325	366217	365668	0.29	cps
Cobalt	59-2	1191499	1188160	1186186	1188615	0.23	cps
Copper	63-2	712445	708947	709890	710427	0.25	cps
Dysprosium	156-1	56065	56500	56891	56485	0.73	cps
Dysprosium	156-2	41799	42367	41187	41784	1.41	cps
Erbium	164-1	50471	50079	51163	50571	1.09	cps
Erbium	164-2	32007	31920	32257	32061	0.55	cps
Gadolinium	160-1	55228	54348	55697	55091	1.24	cps
Gadolinium	160-2	37076	37022	36019	36706	1.62	cps
Holmium	165-1	15079328	15171499	15159851	15136892	0.33	cps
Holmium	165-2	9609296	9580434	9538191	9575974	0.37	cps
Indium	115-1	11265581	11330461	11157080	11251041	0.78	cps
Indium	115-2	3531937	3526068	3518966	3525657	0.18	cps
Iron	56-2	182988871	181420904	181879597	182096457	0.44	cps
Iron	57-2	4538450	4473833	4442014	4484766	1.10	cps
Iron	54-2	9978922	9786736	9838293	9867983	1.01	cps
Krypton	83-1	190	177	180	182	3.81	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-07	Instrumnet Name :	P7
Client Sample ID :	MYD459S	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:37:05	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	438648	441841	443404	441298	0.55	cps
Lead	207-1	389004	393294	394721	392340	0.76	cps
Lead	208-1	1755971	1777931	1777798	1770566	0.71	cps
Lithium	6-1	1804388	1852451	1828505	1828448	1.31	cps
Magnesium	24-2	3369222	3389353	3330378	3362984	0.89	cps
Manganese	55-2	3585665	3567278	3584922	3579288	0.29	cps
Molybdenum	94-1	30291	31026	30054	30457	1.66	cps
Molybdenum	95-1	2960	2880	2807	2883	2.66	cps
Molybdenum	96-1	11284	11074	11218	11192	0.96	cps
Molybdenum	97-1	1917	1883	1713	1838	5.93	cps
Molybdenum	98-1	4607	4671	4437	4572	2.64	cps
Neodymium	150-1	93843	93457	93863	93721	0.24	cps
Neodymium	150-2	49644	49262	49634	49513	0.44	cps
Nickel	60-2	300295	300074	301169	300513	0.19	cps
Phosphorus	31-2	13890	13316	13629	13612	2.11	cps
Potassium	39-2	1177011	1178107	1172963	1176027	0.23	cps
Rhodium	103-1	10294932	10307915	10215401	10272749	0.49	cps
Rhodium	103-2	5521008	5487128	5444985	5484374	0.69	cps
Scandium	45-1	5803338	5819552	5817506	5813465	0.15	cps
Scandium	45-2	481426	477621	478747	479264	0.41	cps
Selenium	82-1	7695	7749	7770	7738	0.50	cps
Selenium	77-2	777	787	730	764	3.96	cps
Selenium	78-2	2577	2430	2340	2449	4.88	cps
Silicon	28-1	19130273	19332293	19186774	19216447	0.54	cps
Silver	107-1	251940	256068	254561	254190	0.82	cps
Silver	109-1	240998	242398	244631	242676	0.76	cps
Sodium	23-2	82650	83313	83595	83186	0.58	cps
Strontium	86-1	138275	138612	139211	138699	0.34	cps
Strontium	88-1	1211311	1218188	1212203	1213901	0.31	cps
Sulfur	34-1	105098	103762	107280	105380	1.68	cps
Terbium	159-1	15470370	15534362	15651644	15552125	0.59	cps
Terbium	159-2	9570355	9449281	9375149	9464928	1.04	cps
Thallium	203-1	187886	191171	190262	189773	0.89	cps
Thallium	205-1	441531	449219	450512	447088	1.09	cps
Tin	118-1	6665	6655	6972	6764	2.66	cps
Titanium	47-1	588705	594090	594534	592443	0.55	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-07	Instrumnet Name :	P7
Client Sample ID :	MYD459S	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:37:05	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14822	14788	14785	14798	0.14	cps
Vanadium	51-2	947408	940201	948311	945307	0.47	cps
Yttrium	89-1	12654183	12665904	12608847	12642978	0.24	cps
Yttrium	89-2	3009659	2992395	2964062	2988705	0.77	cps
Zinc	66-2	257903	257463	259073	258146	0.32	cps
Zirconium	90-1	77524	77493	78029	77682	0.39	cps
Zirconium	91-1	17300	17017	17147	17155	0.83	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD459SRE	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:40:15	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6031208	5894633	5928542	5951461	1.19	cps
Antimony	121-1	2147922	2147061	2151867	2148950	0.12	cps
Arsenic	75-2	68504	67030	66796	67443	1.37	cps
Barium	135-1	11555828	11650146	11781111	11662361	0.97	cps
Barium	137-1	20070278	20209424	20111053	20130252	0.36	cps
Beryllium	9-1	150464	151826	152967	151752	0.83	cps
Bismuth	209-1	9000045	9015571	9008515	9008044	0.09	cps
Bismuth	209-2	6759384	6668331	6712577	6713431	0.68	cps
Bromine	81-1	8176	8112	8446	8245	2.15	cps
Bromine	81-2	267	313	307	296	8.54	cps
Cadmium	108-1	16880	16953	16786	16873	0.50	cps
Cadmium	106-1	26798	26995	26634	26809	0.67	cps
Cadmium	111-1	258472	257615	259478	258521	0.36	cps
Calcium	43-1	268010	268692	268888	268530	0.17	cps
Calcium	44-1	4055223	4082982	4049469	4062558	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1407814	1410476	1407924	1408738	0.11	cps
Cobalt	59-2	5216486	5134914	5216585	5189328	0.91	cps
Copper	63-2	2089044	2096155	2052005	2079068	1.14	cps
Dysprosium	156-1	55204	55502	54813	55173	0.63	cps
Dysprosium	156-2	41381	40568	40181	40710	1.50	cps
Erbium	164-1	49537	49460	49457	49485	0.09	cps
Erbium	164-2	31532	31094	30610	31079	1.48	cps
Gadolinium	160-1	54381	54666	54174	54407	0.45	cps
Gadolinium	160-2	36116	35859	35625	35867	0.68	cps
Holmium	165-1	15076450	14921849	15016363	15004887	0.52	cps
Holmium	165-2	9598392	9401357	9424862	9474870	1.14	cps
Indium	115-1	11175257	11170463	11220913	11188878	0.25	cps
Indium	115-2	3504148	3435600	3479940	3473229	1.00	cps
Iron	56-2	179918444	181054811	179624917	180199391	0.42	cps
Iron	57-2	4445250	4436862	4427340	4436484	0.20	cps
Iron	54-2	9835813	9840362	9892573	9856249	0.32	cps
Krypton	83-1	210	167	217	198	13.73	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD459SRE	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:40:15	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	670812	677620	675348	674593	0.51	cps
Lead	207-1	594406	603235	599091	598911	0.74	cps
Lead	208-1	2684319	2711214	2716667	2704067	0.64	cps
Lithium	6-1	1848615	1840858	1831065	1840179	0.48	cps
Magnesium	24-2	3283154	3243894	3231076	3252708	0.83	cps
Manganese	55-2	5445629	5434749	5373181	5417853	0.72	cps
Molybdenum	94-1	29002	30458	30418	29960	2.77	cps
Molybdenum	95-1	2804	2947	3024	2925	3.82	cps
Molybdenum	96-1	10774	10834	10834	10814	0.32	cps
Molybdenum	97-1	1730	1713	1713	1719	0.56	cps
Molybdenum	98-1	4607	4701	4841	4716	2.49	cps
Neodymium	150-1	92672	92614	92920	92735	0.18	cps
Neodymium	150-2	48844	48001	48285	48377	0.89	cps
Nickel	60-2	1313386	1306132	1295735	1305085	0.68	cps
Phosphorus	31-2	13179	13563	12992	13245	2.20	cps
Potassium	39-2	1148685	1146101	1140140	1144975	0.38	cps
Rhodium	103-1	10106867	10104464	10109604	10106978	0.03	cps
Rhodium	103-2	5388052	5363594	5413597	5388414	0.46	cps
Scandium	45-1	5744030	5760749	5718553	5741111	0.37	cps
Scandium	45-2	471154	471957	471524	471545	0.09	cps
Selenium	82-1	29919	30496	30358	30258	0.99	cps
Selenium	77-2	2627	2744	2900	2757	4.98	cps
Selenium	78-2	9306	9216	9020	9181	1.60	cps
Silicon	28-1	18652081	18950105	18664387	18755524	0.90	cps
Silver	107-1	1164127	1218766	1178221	1187038	2.39	cps
Silver	109-1	1112774	1151798	1103903	1122825	2.27	cps
Sodium	23-2	84882	83337	83266	83829	1.09	cps
Strontium	86-1	135681	133599	135561	134947	0.87	cps
Strontium	88-1	1182109	1194670	1193881	1190220	0.59	cps
Sulfur	34-1	104592	103491	102873	103652	0.84	cps
Terbium	159-1	15630406	15453921	15412049	15498792	0.75	cps
Terbium	159-2	9386134	9331756	9311120	9343003	0.41	cps
Thallium	203-1	922604	940330	932662	931865	0.95	cps
Thallium	205-1	2426475	2438085	2518021	2460861	2.03	cps
Tin	118-1	6662	6588	6632	6627	0.56	cps
Titanium	47-1	576975	581275	580199	579483	0.39	cps

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Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05MS	Instrumnet Name :	P7
Client Sample ID :	MYD459SRE	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:40:15	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14548	14338	14498	14461	0.76	cps
Vanadium	51-2	3189960	3226473	3208876	3208436	0.57	cps
Yttrium	89-1	12407469	12445093	12573243	12475268	0.70	cps
Yttrium	89-2	2923764	2969735	2948266	2947255	0.78	cps
Zinc	66-2	728466	720205	716994	721888	0.82	cps
Zirconium	90-1	76236	76431	75875	76181	0.37	cps
Zirconium	91-1	17404	17607	17047	17353	1.64	cps

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On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-08	Instrumnet Name :	P7
Client Sample ID :	MYD460	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:43:16	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4100938	4047692	4081110	4076580	0.66	cps
Antimony	121-1	14751	14594	14381	14575	1.28	cps
Arsenic	75-2	46409	46365	46630	46468	0.30	cps
Barium	135-1	583393	587679	586655	585909	0.38	cps
Barium	137-1	1006078	1028124	1018921	1017708	1.09	cps
Beryllium	9-1	1473	1476	1560	1503	3.28	cps
Bismuth	209-1	9237094	8439412	9190787	8955764	5.00	cps
Bismuth	209-2	6880343	7214480	6828813	6974545	3.00	cps
Bromine	81-1	8626	8753	9040	8806	2.41	cps
Bromine	81-2	440	367	420	409	9.27	cps
Cadmium	108-1	333	337	377	349	6.91	cps
Cadmium	106-1	3831	3524	3604	3653	4.36	cps
Cadmium	111-1	6732	6392	6293	6472	3.56	cps
Calcium	43-1	354527	364196	361809	360177	1.40	cps
Calcium	44-1	5359218	5460028	5445358	5421535	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82434	80533	80822	81263	1.26	cps
Cobalt	59-2	110835	110422	109928	110395	0.41	cps
Copper	63-2	479331	476918	478469	478239	0.26	cps
Dysprosium	156-1	45139	45654	45296	45363	0.58	cps
Dysprosium	156-2	34435	34496	34031	34321	0.74	cps
Erbium	164-1	39636	40866	39529	40011	1.86	cps
Erbium	164-2	25283	25350	25523	25385	0.49	cps
Gadolinium	160-1	43721	45019	44193	44311	1.48	cps
Gadolinium	160-2	29832	29768	29722	29774	0.19	cps
Holmium	165-1	15065546	13934824	15030413	14676927	4.38	cps
Holmium	165-2	9585696	10119593	9580339	9761876	3.17	cps
Indium	115-1	11220234	10395883	11350718	10988945	4.71	cps
Indium	115-2	3491372	3706229	3511843	3569815	3.32	cps
Iron	56-2	146118018	145075438	146844471	146012642	0.61	cps
Iron	57-2	3604180	3565600	3595271	3588350	0.56	cps
Iron	54-2	7984056	7784446	7970426	7912976	1.41	cps
Krypton	83-1	160	110	123	131	19.75	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-08	Instrumnet Name :	P7
Client Sample ID :	MYD460	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:43:16	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	851408	863568	855746	856908	0.72	cps
Lead	207-1	784513	799226	794253	792664	0.94	cps
Lead	208-1	3701567	3772230	3694500	3722766	1.15	cps
Lithium	6-1	1838469	1734157	1857090	1809905	3.66	cps
Magnesium	24-2	2896316	2876042	2880883	2884414	0.37	cps
Manganese	55-2	3181421	3119188	3154770	3151793	0.99	cps
Molybdenum	94-1	22240	23242	23018	22833	2.30	cps
Molybdenum	95-1	3434	3477	3420	3444	0.86	cps
Molybdenum	96-1	9516	9530	9850	9632	1.96	cps
Molybdenum	97-1	2084	2224	1900	2069	7.84	cps
Molybdenum	98-1	5184	5214	5508	5302	3.37	cps
Neodymium	150-1	76201	76871	76657	76576	0.45	cps
Neodymium	150-2	40424	39609	39622	39885	1.17	cps
Nickel	60-2	31490	31229	31373	31364	0.42	cps
Phosphorus	31-2	14854	14721	15214	14930	1.71	cps
Potassium	39-2	1975947	2036711	1995073	2002577	1.55	cps
Rhodium	103-1	10245947	9402225	10299704	9982625	5.04	cps
Rhodium	103-2	5512955	5837344	5461074	5603791	3.64	cps
Scandium	45-1	5695247	5256315	5808060	5586541	5.22	cps
Scandium	45-2	478048	505785	476643	486825	3.38	cps
Selenium	82-1	598	611	615	608	1.45	cps
Selenium	77-2	103	90	93	96	7.26	cps
Selenium	78-2	233	253	230	239	5.28	cps
Silicon	28-1	16704929	16911215	16786427	16800857	0.62	cps
Silver	107-1	8312	8543	8586	8480	1.73	cps
Silver	109-1	8086	8012	8022	8040	0.49	cps
Sodium	23-2	84443	85495	86169	85369	1.02	cps
Strontium	86-1	182188	184976	184713	183959	0.84	cps
Strontium	88-1	1631656	1664827	1649780	1648754	1.01	cps
Sulfur	34-1	152697	154354	155546	154199	0.93	cps
Terbium	159-1	15479721	14197553	15582694	15086656	5.12	cps
Terbium	159-2	9356447	9905712	9470218	9577459	3.03	cps
Thallium	203-1	2060	1960	1807	1942	6.57	cps
Thallium	205-1	4557	4344	4377	4426	2.59	cps
Tin	118-1	9430	9954	9560	9648	2.83	cps
Titanium	47-1	625484	638646	642875	635668	1.43	cps

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On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-08	Instrumnet Name :	P7
Client Sample ID :	MYD460	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:43:16	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13260	13700	13197	13386	2.05	cps
Vanadium	51-2	238766	235316	239071	237718	0.88	cps
Yttrium	89-1	12540150	11490041	12583204	12204465	5.07	cps
Yttrium	89-2	2982744	3132266	2919639	3011550	3.63	cps
Zinc	66-2	244608	241150	244367	243375	0.79	cps
Zirconium	90-1	55200	57308	57519	56676	2.26	cps
Zirconium	91-1	12459	12886	13206	12850	2.92	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-09	Instrumnet Name :	P7
Client Sample ID :	MYD461	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:46:26	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4585221	4550972	4550564	4562252	0.44	cps
Antimony	121-1	25005	25352	25296	25218	0.74	cps
Arsenic	75-2	53600	53459	54352	53804	0.89	cps
Barium	135-1	477245	481264	484476	480995	0.75	cps
Barium	137-1	825911	843369	838816	836032	1.08	cps
Beryllium	9-1	1491	1542	1608	1547	3.78	cps
Bismuth	209-1	9021482	9192723	9149933	9121379	0.98	cps
Bismuth	209-2	6814202	6859219	6881176	6851532	0.50	cps
Bromine	81-1	7699	8149	7779	7876	3.05	cps
Bromine	81-2	200	243	223	222	9.76	cps
Cadmium	108-1	403	467	397	422	9.15	cps
Cadmium	106-1	3587	3527	3691	3602	2.29	cps
Cadmium	111-1	6776	6973	7037	6929	1.96	cps
Calcium	43-1	264886	266155	268064	266368	0.60	cps
Calcium	44-1	4021777	4013686	4033853	4023106	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92545	92320	91314	92059	0.71	cps
Cobalt	59-2	135569	133927	134082	134526	0.67	cps
Copper	63-2	549471	548010	547444	548308	0.19	cps
Dysprosium	156-1	48918	50042	49785	49582	1.19	cps
Dysprosium	156-2	37209	36925	36882	37005	0.48	cps
Erbium	164-1	44514	44671	45467	44884	1.14	cps
Erbium	164-2	28980	28469	28730	28726	0.89	cps
Gadolinium	160-1	48935	49785	49577	49432	0.90	cps
Gadolinium	160-2	32147	32501	32999	32549	1.31	cps
Holmium	165-1	14985919	15087296	15055652	15042956	0.34	cps
Holmium	165-2	9617245	9744987	9616578	9659603	0.77	cps
Indium	115-1	11258155	11367274	11182267	11269232	0.83	cps
Indium	115-2	3571613	3538455	3526530	3545532	0.66	cps
Iron	56-2	189538057	187217624	188588011	188447897	0.62	cps
Iron	57-2	4739264	4646095	4677943	4687767	1.01	cps
Iron	54-2	10326204	10262644	10302441	10297096	0.31	cps
Krypton	83-1	203	190	173	189	7.96	cps

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LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-09	Instrumnet Name :	P7
Client Sample ID :	MYD461	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:46:26	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	756379	767202	772750	765443	1.09	cps
Lead	207-1	696551	711094	706952	704866	1.06	cps
Lead	208-1	3097061	3140305	3313142	3183503	3.59	cps
Lithium	6-1	1789956	1805813	1806252	1800673	0.52	cps
Magnesium	24-2	3259301	3221863	3289960	3257041	1.05	cps
Manganese	55-2	3098232	3037346	3051832	3062470	1.04	cps
Molybdenum	94-1	27746	28297	28107	28050	1.00	cps
Molybdenum	95-1	4244	4074	4057	4125	2.51	cps
Molybdenum	96-1	11531	11835	12102	11823	2.41	cps
Molybdenum	97-1	2450	2460	2547	2486	2.14	cps
Molybdenum	98-1	6255	6078	6315	6216	1.98	cps
Neodymium	150-1	80223	83022	82281	81842	1.77	cps
Neodymium	150-2	43701	43774	42995	43490	0.99	cps
Nickel	60-2	35512	35248	35225	35328	0.45	cps
Phosphorus	31-2	19449	19139	19306	19298	0.80	cps
Potassium	39-2	2136400	2118287	2171087	2141924	1.25	cps
Rhodium	103-1	10163292	10365586	10304336	10277738	1.01	cps
Rhodium	103-2	5611681	5550255	5506375	5556104	0.95	cps
Scandium	45-1	5833496	5841974	5757820	5811097	0.80	cps
Scandium	45-2	479475	483475	482620	481857	0.44	cps
Selenium	82-1	589	588	621	599	3.08	cps
Selenium	77-2	130	177	127	144	19.35	cps
Selenium	78-2	260	333	260	284	14.88	cps
Silicon	28-1	6243842	6338699	6434063	6338868	1.50	cps
Silver	107-1	8136	7902	7932	7990	1.59	cps
Silver	109-1	7385	7342	7419	7382	0.52	cps
Sodium	23-2	79618	79520	79708	79615	0.12	cps
Strontium	86-1	125052	126572	127368	126330	0.93	cps
Strontium	88-1	1106857	1111239	1122766	1113621	0.74	cps
Sulfur	34-1	155208	155872	158306	156462	1.04	cps
Terbium	159-1	15325449	15477731	15441266	15414815	0.52	cps
Terbium	159-2	9522662	9434128	9574524	9510438	0.75	cps
Thallium	203-1	2040	1997	2177	2071	4.54	cps
Thallium	205-1	4721	4908	4781	4803	1.98	cps
Tin	118-1	11018	11341	11335	11231	1.65	cps
Titanium	47-1	605691	616165	617822	613226	1.07	cps

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LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-09	Instrumnet Name :	P7
Client Sample ID :	MYD461	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:46:26	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14388	15099	15359	14948	3.36	cps
Vanadium	51-2	333577	334091	334847	334172	0.19	cps
Yttrium	89-1	12614324	12642201	12637701	12631409	0.12	cps
Yttrium	89-2	2988466	2989151	2991026	2989548	0.04	cps
Zinc	66-2	244832	246234	245983	245683	0.30	cps
Zirconium	90-1	68301	69714	69708	69241	1.18	cps
Zirconium	91-1	15705	15638	15305	15549	1.38	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-10	Instrumnet Name :	P7
Client Sample ID :	MYD462	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:49:37	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4330674	4311418	4310860	4317650	0.26	cps
Antimony	121-1	9737	10240	10140	10039	2.66	cps
Arsenic	75-2	22561	23422	22651	22878	2.07	cps
Barium	135-1	924096	929991	939701	931263	0.85	cps
Barium	137-1	1698975	1709405	1699825	1702735	0.34	cps
Beryllium	9-1	1533	1544	1496	1524	1.66	cps
Bismuth	209-1	9053032	9055676	9166729	9091812	0.71	cps
Bismuth	209-2	6798094	6787834	6838532	6808153	0.39	cps
Bromine	81-1	8052	7969	8286	8102	2.03	cps
Bromine	81-2	217	227	227	223	2.59	cps
Cadmium	108-1	153	167	150	157	5.63	cps
Cadmium	106-1	3267	3310	3227	3268	1.28	cps
Cadmium	111-1	3420	3454	3394	3423	0.88	cps
Calcium	43-1	216518	218615	220602	218578	0.93	cps
Calcium	44-1	3236962	3286834	3308568	3277455	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93601	93538	94084	93741	0.32	cps
Cobalt	59-2	116461	116823	117562	116949	0.48	cps
Copper	63-2	250723	248870	250164	249919	0.38	cps
Dysprosium	156-1	49239	49557	49911	49569	0.68	cps
Dysprosium	156-2	37547	37437	38011	37665	0.81	cps
Erbium	164-1	43537	43340	44012	43630	0.79	cps
Erbium	164-2	28182	28245	27434	27954	1.61	cps
Gadolinium	160-1	48196	48069	49340	48535	1.44	cps
Gadolinium	160-2	32157	32331	32144	32210	0.32	cps
Holmium	165-1	15141131	15168353	15179409	15162964	0.13	cps
Holmium	165-2	9641779	9699845	9651502	9664375	0.32	cps
Indium	115-1	11461608	11437556	11475501	11458221	0.17	cps
Indium	115-2	3578646	3508930	3539355	3542310	0.99	cps
Iron	56-2	162313991	162128021	160370841	161604284	0.66	cps
Iron	57-2	3974849	3960588	3967780	3967739	0.18	cps
Iron	54-2	8872358	8782358	8751019	8801912	0.72	cps
Krypton	83-1	163	197	177	179	9.38	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-10	Instrumnet Name :	P7
Client Sample ID :	MYD462	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:49:37	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	223199	222859	225519	223859	0.65	cps
Lead	207-1	195485	197443	195674	196201	0.55	cps
Lead	208-1	885268	891034	889248	888517	0.33	cps
Lithium	6-1	1805609	1806970	1806198	1806259	0.04	cps
Magnesium	24-2	2807724	2804510	2811771	2808001	0.13	cps
Manganese	55-2	3676840	3580078	3588637	3615185	1.48	cps
Molybdenum	94-1	29506	29516	29907	29643	0.77	cps
Molybdenum	95-1	6368	6495	6385	6416	1.07	cps
Molybdenum	96-1	13767	14414	14117	14099	2.30	cps
Molybdenum	97-1	4114	4041	4234	4130	2.36	cps
Molybdenum	98-1	10094	10110	10427	10210	1.84	cps
Neodymium	150-1	82325	84508	84253	83695	1.43	cps
Neodymium	150-2	44767	44256	43988	44337	0.89	cps
Nickel	60-2	31246	30758	30952	30985	0.79	cps
Phosphorus	31-2	11398	11678	11801	11626	1.78	cps
Potassium	39-2	1239696	1225146	1235007	1233283	0.60	cps
Rhodium	103-1	10520104	10310758	10349006	10393289	1.07	cps
Rhodium	103-2	5630489	5586872	5571502	5596287	0.55	cps
Scandium	45-1	5780327	5877752	5842899	5833659	0.85	cps
Scandium	45-2	485685	484075	484588	484783	0.17	cps
Selenium	82-1	529	437	590	519	14.89	cps
Selenium	77-2	133	123	127	128	3.98	cps
Selenium	78-2	217	180	237	211	13.61	cps
Silicon	28-1	8727567	8887804	8940852	8852075	1.25	cps
Silver	107-1	2340	2417	2350	2369	1.76	cps
Silver	109-1	2157	2367	2467	2330	6.79	cps
Sodium	23-2	85123	84510	86451	85361	1.16	cps
Strontium	86-1	136323	135917	136071	136104	0.15	cps
Strontium	88-1	1197776	1202828	1210935	1203846	0.55	cps
Sulfur	34-1	108146	109418	109029	108864	0.60	cps
Terbium	159-1	15549384	15505258	15526926	15527189	0.14	cps
Terbium	159-2	9569435	9573979	9383017	9508810	1.15	cps
Thallium	203-1	1670	1697	1713	1693	1.29	cps
Thallium	205-1	3841	3601	3934	3792	4.54	cps
Tin	118-1	7112	7475	7285	7291	2.49	cps
Titanium	47-1	675768	667766	681704	675079	1.04	cps

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LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-10	Instrumnet Name :	P7
Client Sample ID :	MYD462	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:49:37	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16180	16137	15586	15967	2.07	cps
Vanadium	51-2	306753	304381	302515	304550	0.70	cps
Yttrium	89-1	12636022	12472089	12608032	12572048	0.70	cps
Yttrium	89-2	3052419	2989999	2999340	3013919	1.12	cps
Zinc	66-2	86586	86679	86076	86447	0.38	cps
Zirconium	90-1	67785	68616	69510	68637	1.26	cps
Zirconium	91-1	15689	15779	15145	15537	2.21	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-11	Instrumnet Name :	P7
Client Sample ID :	MYD463	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:52:49	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4662735	4707702	4710766	4693734	0.57	cps
Antimony	121-1	10701	11078	10898	10892	1.73	cps
Arsenic	75-2	24844	25469	25582	25298	1.57	cps
Barium	135-1	691787	705212	700441	699147	0.97	cps
Barium	137-1	1200542	1218933	1221853	1213776	0.95	cps
Beryllium	9-1	1647	2018	1878	1848	10.12	cps
Bismuth	209-1	9101275	9134345	9182691	9139437	0.45	cps
Bismuth	209-2	6896888	6857242	6794202	6849444	0.76	cps
Bromine	81-1	8322	8199	8396	8306	1.20	cps
Bromine	81-2	220	207	190	206	7.31	cps
Cadmium	108-1	180	183	183	182	1.06	cps
Cadmium	106-1	3470	3457	3520	3483	0.96	cps
Cadmium	111-1	3863	3998	3909	3924	1.75	cps
Calcium	43-1	230933	232310	232516	231920	0.37	cps
Calcium	44-1	3460871	3516308	3501571	3492917	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102183	103096	101874	102384	0.62	cps
Cobalt	59-2	158615	159066	158678	158786	0.15	cps
Copper	63-2	293035	294041	294013	293696	0.20	cps
Dysprosium	156-1	55743	55509	56232	55828	0.66	cps
Dysprosium	156-2	41167	41377	41073	41206	0.38	cps
Erbium	164-1	48520	49955	49584	49353	1.51	cps
Erbium	164-2	31482	31890	31596	31656	0.66	cps
Gadolinium	160-1	53686	54797	54757	54413	1.16	cps
Gadolinium	160-2	36688	35518	35789	35998	1.70	cps
Holmium	165-1	15123669	15384489	15216010	15241389	0.87	cps
Holmium	165-2	9790757	9716830	9676512	9728033	0.60	cps
Indium	115-1	11281015	11251248	11461083	11331115	1.00	cps
Indium	115-2	3556335	3570876	3527647	3551619	0.62	cps
Iron	56-2	184261851	184595677	186016397	184957975	0.50	cps
Iron	57-2	4547558	4580940	4576555	4568351	0.40	cps
Iron	54-2	10081579	10011371	9968029	10020326	0.57	cps
Krypton	83-1	217	187	160	188	15.10	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-11	Instrumnet Name :	P7
Client Sample ID :	MYD463	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:52:49	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	262452	267474	266514	265480	1.00	cps
Lead	207-1	229943	233894	234809	232882	1.11	cps
Lead	208-1	1040610	1064117	1062852	1055860	1.25	cps
Lithium	6-1	1834826	1827305	1856929	1839687	0.84	cps
Magnesium	24-2	3060567	3099124	3038509	3066067	1.00	cps
Manganese	55-2	3256810	3243654	3275877	3258780	0.50	cps
Molybdenum	94-1	30048	30094	30164	30102	0.20	cps
Molybdenum	95-1	4251	4337	4544	4377	3.44	cps
Molybdenum	96-1	12175	12592	12619	12462	2.00	cps
Molybdenum	97-1	2657	2964	2974	2865	6.29	cps
Molybdenum	98-1	6625	6755	6675	6685	0.98	cps
Neodymium	150-1	90991	91997	93672	92220	1.47	cps
Neodymium	150-2	48931	47904	48256	48364	1.08	cps
Nickel	60-2	37463	37764	37764	37664	0.46	cps
Phosphorus	31-2	13619	13446	13079	13382	2.06	cps
Potassium	39-2	1260574	1267319	1298903	1275599	1.60	cps
Rhodium	103-1	10301512	10377885	10428028	10369142	0.61	cps
Rhodium	103-2	5605364	5555677	5588205	5583082	0.45	cps
Scandium	45-1	5832697	5826306	5859856	5839620	0.31	cps
Scandium	45-2	483896	482747	482845	483163	0.13	cps
Selenium	82-1	493	552	597	547	9.49	cps
Selenium	77-2	120	120	123	121	1.59	cps
Selenium	78-2	270	240	223	244	9.68	cps
Silicon	28-1	10912842	11091411	11030950	11011734	0.82	cps
Silver	107-1	2957	3094	2804	2951	4.92	cps
Silver	109-1	2900	2890	2680	2824	4.40	cps
Sodium	23-2	85398	86581	85589	85856	0.74	cps
Strontium	86-1	142454	144171	145160	143929	0.95	cps
Strontium	88-1	1253260	1270869	1274725	1266284	0.90	cps
Sulfur	34-1	108337	107763	107565	107888	0.37	cps
Terbium	159-1	15395901	15719166	15746448	15620505	1.25	cps
Terbium	159-2	9525891	9608529	9605881	9580100	0.49	cps
Thallium	203-1	1553	1497	1607	1552	3.54	cps
Thallium	205-1	3631	3480	3731	3614	3.48	cps
Tin	118-1	7115	7115	7552	7261	3.47	cps
Titanium	47-1	724632	733323	735922	731293	0.81	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-11	Instrumnet Name :	P7
Client Sample ID :	MYD463	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:52:49	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19391	19688	19247	19442	1.16	cps
Vanadium	51-2	346515	343991	344905	345137	0.37	cps
Yttrium	89-1	12568369	12665366	12847753	12693829	1.12	cps
Yttrium	89-2	3035840	3068314	3020842	3041665	0.80	cps
Zinc	66-2	98676	98931	98116	98575	0.42	cps
Zirconium	90-1	71995	73576	74273	73281	1.59	cps
Zirconium	91-1	16359	16626	16403	16463	0.87	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-12	Instrumnet Name :	P7
Client Sample ID :	MYD464	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:55:59	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4598472	4589974	4522306	4570251	0.91	cps
Antimony	121-1	18005	18055	18782	18281	2.38	cps
Arsenic	75-2	49191	48800	49144	49045	0.44	cps
Barium	135-1	442821	448659	446031	445837	0.66	cps
Barium	137-1	765263	774191	786366	775273	1.37	cps
Beryllium	9-1	1431	1454	1484	1456	1.82	cps
Bismuth	209-1	9149018	9344713	8277453	8923728	6.37	cps
Bismuth	209-2	6898824	6903236	6935141	6912400	0.29	cps
Bromine	81-1	8196	8136	8206	8179	0.46	cps
Bromine	81-2	213	227	237	226	5.19	cps
Cadmium	108-1	383	320	433	379	14.99	cps
Cadmium	106-1	3724	3731	3200	3552	8.56	cps
Cadmium	111-1	5919	6035	5817	5924	1.83	cps
Calcium	43-1	244055	246686	247303	246014	0.70	cps
Calcium	44-1	3671339	3715065	3746511	3710972	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96097	95912	96308	96106	0.21	cps
Cobalt	59-2	137540	136487	137227	137085	0.39	cps
Copper	63-2	460289	460007	458049	459448	0.27	cps
Dysprosium	156-1	48955	49279	50898	49711	2.09	cps
Dysprosium	156-2	35729	36882	36975	36529	1.90	cps
Erbium	164-1	43742	44524	44597	44288	1.07	cps
Erbium	164-2	27694	28028	28215	27979	0.94	cps
Gadolinium	160-1	48095	47564	47647	47769	0.60	cps
Gadolinium	160-2	33370	32174	32421	32655	1.93	cps
Holmium	165-1	15242222	15306197	13741887	14763435	6.00	cps
Holmium	165-2	9735741	9716220	9791004	9747655	0.40	cps
Indium	115-1	11343286	11354586	10290880	10996251	5.56	cps
Indium	115-2	3544200	3632318	3578393	3584970	1.24	cps
Iron	56-2	177709564	176323291	178110977	177381277	0.53	cps
Iron	57-2	4403802	4326074	4368687	4366188	0.89	cps
Iron	54-2	9681903	9561812	9624048	9622587	0.62	cps
Krypton	83-1	207	153	123	161	26.20	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-12	Instrumnet Name :	P7
Client Sample ID :	MYD464	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:55:59	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	710895	717830	721336	716687	0.74	cps
Lead	207-1	654496	663420	671103	663006	1.25	cps
Lead	208-1	2909637	2937779	2948053	2931823	0.68	cps
Lithium	6-1	1826662	1844811	1692951	1788142	4.64	cps
Magnesium	24-2	3100959	3117876	3122326	3113720	0.36	cps
Manganese	55-2	3152232	3122547	3107488	3127422	0.73	cps
Molybdenum	94-1	31073	31364	31464	31300	0.65	cps
Molybdenum	95-1	3751	3887	3977	3872	2.95	cps
Molybdenum	96-1	11308	11785	12062	11718	3.25	cps
Molybdenum	97-1	2457	2270	2370	2366	3.95	cps
Molybdenum	98-1	5875	6075	6238	6062	3.00	cps
Neodymium	150-1	81463	81430	81527	81473	0.06	cps
Neodymium	150-2	42925	42872	43413	43070	0.69	cps
Nickel	60-2	33180	32956	32615	32917	0.86	cps
Phosphorus	31-2	15842	16192	15798	15944	1.35	cps
Potassium	39-2	1883493	1864624	1898717	1882278	0.91	cps
Rhodium	103-1	10317530	10421624	9305307	10014820	6.16	cps
Rhodium	103-2	5534763	5670649	5572134	5592515	1.26	cps
Scandium	45-1	5791201	5810919	5234117	5612079	5.84	cps
Scandium	45-2	480152	478141	480831	479708	0.29	cps
Selenium	82-1	567	564	608	580	4.18	cps
Selenium	77-2	113	110	107	110	3.03	cps
Selenium	78-2	283	223	263	257	11.90	cps
Silicon	28-1	10453021	10642735	10622551	10572769	0.99	cps
Silver	107-1	6058	6035	6221	6105	1.67	cps
Silver	109-1	5564	5594	5568	5576	0.30	cps
Sodium	23-2	80663	80409	81373	80815	0.62	cps
Strontium	86-1	123714	125546	125919	125060	0.94	cps
Strontium	88-1	1087013	1101283	1100517	1096271	0.73	cps
Sulfur	34-1	116026	115670	113588	115095	1.14	cps
Terbium	159-1	15661164	15590637	13993446	15081749	6.25	cps
Terbium	159-2	9655096	9477841	9595254	9576063	0.94	cps
Thallium	203-1	1717	1783	1787	1762	2.24	cps
Thallium	205-1	4211	4011	4034	4085	2.68	cps
Tin	118-1	9253	9527	9840	9540	3.08	cps
Titanium	47-1	701105	710137	711723	707655	0.81	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-12	Instrumnet Name :	P7
Client Sample ID :	MYD464	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:55:59	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14274	13851	14064	14063	1.51	cps
Vanadium	51-2	306611	306346	305436	306131	0.20	cps
Yttrium	89-1	12553534	12555018	11436456	12181670	5.30	cps
Yttrium	89-2	2964584	3032628	2997302	2998171	1.14	cps
Zinc	66-2	221609	221045	222266	221640	0.28	cps
Zirconium	90-1	76873	78629	78397	77967	1.22	cps
Zirconium	91-1	17981	17874	17981	17945	0.34	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-13	Instrumnet Name :	P7
Client Sample ID :	MYD465	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:59:13	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4803750	4851685	4746023	4800486	1.10	cps
Antimony	121-1	5851	5918	5905	5891	0.60	cps
Arsenic	75-2	11571	11561	11384	11506	0.91	cps
Barium	135-1	686102	689498	685981	687193	0.29	cps
Barium	137-1	1188853	1195495	1190088	1191479	0.30	cps
Beryllium	9-1	1949	1985	1987	1974	1.10	cps
Bismuth	209-1	9100047	9110370	9217593	9142670	0.71	cps
Bismuth	209-2	6891914	6814661	6895494	6867356	0.67	cps
Bromine	81-1	9256	9306	9670	9411	2.40	cps
Bromine	81-2	483	420	420	441	8.29	cps
Cadmium	108-1	130	137	153	140	8.59	cps
Cadmium	106-1	3480	3480	3404	3455	1.28	cps
Cadmium	111-1	3172	3174	3105	3150	1.24	cps
Calcium	43-1	250133	251581	251942	251219	0.38	cps
Calcium	44-1	3807108	3811079	3811053	3809747	0.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117090	115505	114003	115533	1.34	cps
Cobalt	59-2	115671	117078	115463	116071	0.76	cps
Copper	63-2	188424	188474	187488	188129	0.30	cps
Dysprosium	156-1	68198	68844	69420	68821	0.89	cps
Dysprosium	156-2	51273	52772	52849	52298	1.70	cps
Erbium	164-1	55717	56129	55982	55942	0.37	cps
Erbium	164-2	34994	35899	35746	35546	1.36	cps
Gadolinium	160-1	64451	65653	64106	64736	1.25	cps
Gadolinium	160-2	42952	43083	42604	42880	0.58	cps
Holmium	165-1	14986606	15056148	14947832	14996862	0.37	cps
Holmium	165-2	9706174	9586935	9704725	9665945	0.71	cps
Indium	115-1	11039970	11422854	11292279	11251701	1.73	cps
Indium	115-2	3486747	3493242	3586462	3522150	1.58	cps
Iron	56-2	141709028	141203025	139696948	140869667	0.74	cps
Iron	57-2	3447804	3488976	3453523	3463434	0.64	cps
Iron	54-2	7728447	7706419	7546591	7660486	1.30	cps
Krypton	83-1	180	163	173	172	4.87	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-13	Instrumnet Name :	P7
Client Sample ID :	MYD465	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:59:13	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	153296	153057	152953	153102	0.11	cps
Lead	207-1	126566	127663	128427	127552	0.73	cps
Lead	208-1	585768	591872	591286	589642	0.57	cps
Lithium	6-1	1838480	1853940	1850351	1847590	0.44	cps
Magnesium	24-2	2933885	2956905	2922967	2937919	0.59	cps
Manganese	55-2	2871912	2865087	2794249	2843749	1.51	cps
Molybdenum	94-1	27793	27933	27526	27751	0.75	cps
Molybdenum	95-1	3560	3620	3661	3614	1.39	cps
Molybdenum	96-1	11031	10094	10581	10568	4.44	cps
Molybdenum	97-1	2217	2290	2210	2239	1.98	cps
Molybdenum	98-1	5418	5348	5448	5404	0.95	cps
Neodymium	150-1	118896	119787	118526	119070	0.54	cps
Neodymium	150-2	62093	63030	61764	62296	1.05	cps
Nickel	60-2	41387	41143	40902	41144	0.59	cps
Phosphorus	31-2	12929	13403	12916	13082	2.12	cps
Potassium	39-2	2410956	2408702	2399915	2406524	0.24	cps
Rhodium	103-1	10133465	10246894	10163801	10181387	0.58	cps
Rhodium	103-2	5461864	5504937	5581503	5516101	1.10	cps
Scandium	45-1	5728797	5721005	5733716	5727839	0.11	cps
Scandium	45-2	472141	469397	474882	472140	0.58	cps
Selenium	82-1	525	584	470	526	10.81	cps
Selenium	77-2	180	127	177	161	18.54	cps
Selenium	78-2	263	213	290	256	15.23	cps
Silicon	28-1	10075219	10213272	10175875	10154789	0.70	cps
Silver	107-1	1657	1690	1800	1716	4.37	cps
Silver	109-1	1713	1737	1553	1668	5.98	cps
Sodium	23-2	69938	70480	69797	70072	0.51	cps
Strontium	86-1	136593	138584	137888	137688	0.73	cps
Strontium	88-1	1209427	1208843	1219086	1212452	0.47	cps
Sulfur	34-1	113725	113430	113591	113582	0.13	cps
Terbium	159-1	15486800	15560932	15555956	15534562	0.27	cps
Terbium	159-2	9473259	9376895	9620246	9490134	1.29	cps
Thallium	203-1	2054	2067	2170	2097	3.05	cps
Thallium	205-1	5011	5121	5308	5147	2.92	cps
Tin	118-1	7789	7482	7902	7724	2.81	cps
Titanium	47-1	624016	632202	632005	629408	0.74	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-13	Instrumnet Name :	P7
Client Sample ID :	MYD465	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 18:59:13	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23167	23741	23855	23588	1.56	cps
Vanadium	51-2	226054	225583	223301	224979	0.65	cps
Yttrium	89-1	12561180	12569918	12610852	12580650	0.21	cps
Yttrium	89-2	3002812	2983706	3055207	3013908	1.23	cps
Zinc	66-2	73463	72856	73218	73179	0.42	cps
Zirconium	90-1	68582	68797	70080	69153	1.17	cps
Zirconium	91-1	16062	15969	15198	15743	3.01	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-14	Instrumnet Name :	P7
Client Sample ID :	MYD466	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:02:22	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5048941	4992359	4974587	5005296	0.78	cps
Antimony	121-1	14985	14841	14971	14932	0.53	cps
Arsenic	75-2	38009	38313	38707	38343	0.91	cps
Barium	135-1	459787	464385	462733	462302	0.50	cps
Barium	137-1	799036	800171	808031	802413	0.61	cps
Beryllium	9-1	1438	1431	1381	1417	2.20	cps
Bismuth	209-1	9062127	9100817	9083855	9082267	0.21	cps
Bismuth	209-2	6687769	6808667	6750892	6749109	0.90	cps
Bromine	81-1	8526	7839	8042	8136	4.34	cps
Bromine	81-2	157	140	163	153	7.84	cps
Cadmium	108-1	243	287	267	266	8.17	cps
Cadmium	106-1	3607	3584	3414	3535	2.99	cps
Cadmium	111-1	4778	4662	4540	4660	2.56	cps
Calcium	43-1	255391	256827	259672	257296	0.85	cps
Calcium	44-1	3856115	3901232	3957074	3904807	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90147	89212	88850	89403	0.75	cps
Cobalt	59-2	129297	127838	128255	128463	0.59	cps
Copper	63-2	366275	364336	363034	364548	0.45	cps
Dysprosium	156-1	50805	51173	51026	51001	0.36	cps
Dysprosium	156-2	37971	37931	37697	37866	0.39	cps
Erbium	164-1	44785	45932	46356	45691	1.78	cps
Erbium	164-2	29391	29020	29107	29173	0.66	cps
Gadolinium	160-1	50283	50440	51551	50758	1.36	cps
Gadolinium	160-2	33784	34004	34045	33944	0.41	cps
Holmium	165-1	15057596	15051554	15004316	15037822	0.19	cps
Holmium	165-2	9454409	9495757	9506966	9485711	0.29	cps
Indium	115-1	11281624	11266807	11225397	11257942	0.26	cps
Indium	115-2	3537801	3503819	3441625	3494415	1.40	cps
Iron	56-2	179015051	176983837	176765151	177588013	0.70	cps
Iron	57-2	4387778	4328221	4326381	4347460	0.80	cps
Iron	54-2	9665397	9616335	9664514	9648749	0.29	cps
Krypton	83-1	213	183	170	189	11.75	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-14	Instrumnet Name :	P7
Client Sample ID :	MYD466	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:02:22	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	409779	412618	415476	412624	0.69	cps
Lead	207-1	373264	376302	378402	375989	0.69	cps
Lead	208-1	1659499	1671766	1680571	1670612	0.63	cps
Lithium	6-1	1798441	1821080	1835983	1818501	1.04	cps
Magnesium	24-2	3327229	3284104	3297156	3302829	0.67	cps
Manganese	55-2	2807280	2848991	2822664	2826312	0.75	cps
Molybdenum	94-1	37989	38818	38905	38571	1.31	cps
Molybdenum	95-1	3507	3437	3484	3476	1.03	cps
Molybdenum	96-1	12569	12999	12939	12836	1.82	cps
Molybdenum	97-1	2210	2094	2050	2118	3.91	cps
Molybdenum	98-1	5528	5331	5311	5390	2.22	cps
Neodymium	150-1	85212	87114	86040	86122	1.11	cps
Neodymium	150-2	44948	45236	45162	45115	0.33	cps
Nickel	60-2	31644	31874	31917	31812	0.46	cps
Phosphorus	31-2	15218	15114	15041	15124	0.59	cps
Potassium	39-2	1211549	1281547	1211492	1234862	3.27	cps
Rhodium	103-1	10215752	10247929	10171310	10211664	0.38	cps
Rhodium	103-2	5463601	5497392	5469601	5476865	0.33	cps
Scandium	45-1	5772535	5741283	5812222	5775347	0.62	cps
Scandium	45-2	476078	472428	469394	472633	0.71	cps
Selenium	82-1	481	572	547	533	8.89	cps
Selenium	77-2	130	130	167	142	14.89	cps
Selenium	78-2	233	210	343	262	27.16	cps
Silicon	28-1	6450848	6550172	6610832	6537284	1.24	cps
Silver	107-1	4021	3987	4064	4024	0.96	cps
Silver	109-1	3714	3877	3871	3821	2.42	cps
Sodium	23-2	68773	68401	70363	69179	1.51	cps
Strontium	86-1	121237	123721	125092	123350	1.58	cps
Strontium	88-1	1074131	1089423	1088681	1084078	0.80	cps
Sulfur	34-1	112151	111916	111618	111895	0.24	cps
Terbium	159-1	15518834	15467403	15590111	15525449	0.40	cps
Terbium	159-2	9370455	9349725	9304792	9341658	0.36	cps
Thallium	203-1	1613	1530	1383	1509	7.72	cps
Thallium	205-1	3691	3671	3494	3618	2.99	cps
Tin	118-1	7459	7629	7799	7629	2.23	cps
Titanium	47-1	598011	602228	607275	602505	0.77	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-14	Instrumnet Name :	P7
Client Sample ID :	MYD466	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:02:22	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14024	13931	14164	14040	0.84	cps
Vanadium	51-2	312822	309734	310703	311086	0.51	cps
Yttrium	89-1	12458216	12467899	12618057	12514724	0.72	cps
Yttrium	89-2	2977088	2958242	2934246	2956525	0.73	cps
Zinc	66-2	146692	146901	144525	146039	0.90	cps
Zirconium	90-1	95306	97017	96202	96175	0.89	cps
Zirconium	91-1	21800	21693	22344	21945	1.59	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:05:35	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5923612	5877978	5870352	5890647	0.49	cps
Antimony	121-1	3434517	3414389	3439691	3429532	0.39	cps
Arsenic	75-2	151511	149491	149467	150156	0.78	cps
Barium	135-1	4645753	4692626	4672801	4670394	0.50	cps
Barium	137-1	8077852	8141473	8000724	8073350	0.87	cps
Beryllium	9-1	541604	549563	548930	546699	0.81	cps
Bismuth	209-1	8624139	8646012	8634753	8634968	0.13	cps
Bismuth	209-2	6248886	6355132	6264578	6289532	0.91	cps
Bromine	81-1	7209	6835	6938	6994	2.76	cps
Bromine	81-2	37	40	33	37	9.10	cps
Cadmium	108-1	62444	61710	62621	62258	0.78	cps
Cadmium	106-1	89708	91784	91012	90835	1.16	cps
Cadmium	111-1	842288	847874	841251	843804	0.42	cps
Calcium	43-1	4095504	4071298	4025289	4064030	0.88	cps
Calcium	44-1	64860774	64693801	64660569	64738381	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1067346	1059401	1063179	1063309	0.37	cps
Cobalt	59-2	1611340	1571318	1603266	1595308	1.33	cps
Copper	63-2	11774773	11701400	11813437	11763203	0.48	cps
Dysprosium	156-1	260	273	237	257	7.23	cps
Dysprosium	156-2	267	340	317	308	12.17	cps
Erbium	164-1	243	260	233	246	5.49	cps
Erbium	164-2	160	143	83	129	31.29	cps
Gadolinium	160-1	210	190	190	197	5.87	cps
Gadolinium	160-2	607	593	573	591	2.84	cps
Holmium	165-1	14816316	14673935	14680454	14723568	0.55	cps
Holmium	165-2	9455114	9347828	9249901	9350948	1.10	cps
Indium	115-1	10575716	10442773	10422857	10480449	0.79	cps
Indium	115-2	3280509	3268245	3220599	3256451	0.97	cps
Iron	56-2	237463356	237973310	236210490	237215719	0.38	cps
Iron	57-2	6016095	5899143	5948519	5954586	0.99	cps
Iron	54-2	12948590	12842754	12937409	12909584	0.45	cps
Krypton	83-1	133	157	177	156	13.94	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:05:35	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13467368	13780954	13725639	13657987	1.23	cps
Lead	207-1	11925339	12237452	12194049	12118947	1.40	cps
Lead	208-1	54005938	55272885	55206714	54828512	1.30	cps
Lithium	6-1	1803959	1825708	1785777	1805148	1.11	cps
Magnesium	24-2	47254924	46979678	46926893	47053832	0.37	cps
Manganese	55-2	8155698	8152881	8091097	8133225	0.45	cps
Molybdenum	94-1	11762046	11793861	11806806	11787571	0.20	cps
Molybdenum	95-1	17139973	17236560	17200125	17192219	0.28	cps
Molybdenum	96-1	18797583	18847541	18681336	18775487	0.45	cps
Molybdenum	97-1	10802821	10724421	10675432	10734225	0.60	cps
Molybdenum	98-1	27867363	27961170	27768530	27865687	0.35	cps
Neodymium	150-1	377	400	430	402	6.65	cps
Neodymium	150-2	100	113	123	112	10.43	cps
Nickel	60-2	393634	389948	391451	391678	0.47	cps
Phosphorus	31-2	61319	61071	61329	61240	0.24	cps
Potassium	39-2	30290495	30043000	30039937	30124477	0.48	cps
Rhodium	103-1	9176175	9193247	9145296	9171573	0.26	cps
Rhodium	103-2	4923706	4901898	4820910	4882171	1.11	cps
Scandium	45-1	5333476	5294195	5289318	5305663	0.46	cps
Scandium	45-2	435887	436120	429012	433673	0.93	cps
Selenium	82-1	48189	48014	48265	48156	0.27	cps
Selenium	77-2	4347	4424	4411	4394	0.93	cps
Selenium	78-2	14254	14350	14160	14255	0.67	cps
Silicon	28-1	3135326	3143792	3122461	3133860	0.34	cps
Silver	107-1	4198044	4165100	4149310	4170818	0.60	cps
Silver	109-1	3963978	3922454	3979446	3955293	0.75	cps
Sodium	23-2	78368121	79053147	79195789	78872352	0.56	cps
Strontium	86-1	25850475	25804076	25945959	25866837	0.28	cps
Strontium	88-1	229739763	229332897	231135490	230069383	0.41	cps
Sulfur	34-1	342243	341389	341752	341795	0.13	cps
Terbium	159-1	15097365	15126300	15008644	15077436	0.41	cps
Terbium	159-2	9197388	9332882	9188224	9239498	0.88	cps
Thallium	203-1	3410745	3473360	3428674	3437593	0.94	cps
Thallium	205-1	8013862	8135653	8158179	8102565	0.96	cps
Tin	118-1	2812807	2842096	2854914	2836606	0.76	cps
Titanium	47-1	3882500	3813416	3776126	3824014	1.41	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV023	Instrumnet Name :	P7
Client Sample ID :	CCV023	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:05:35	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11370402	11593528	11477473	11480467	0.97	cps
Vanadium	51-2	965867	965557	966805	966076	0.07	cps
Yttrium	89-1	11449759	11387909	11338057	11391908	0.49	cps
Yttrium	89-2	2692846	2674245	2638022	2668371	1.04	cps
Zinc	66-2	1987377	2027663	2007486	2007509	1.00	cps
Zirconium	90-1	5536042	5544816	5527556	5536138	0.16	cps
Zirconium	91-1	1233703	1236021	1236273	1235332	0.11	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:08:20	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	263	223	240	242	8.30	cps
Antimony	121-1	2440	2407	2797	2548	8.49	cps
Arsenic	75-2	13	17	17	16	12.40	cps
Barium	135-1	267	263	190	240	18.06	cps
Barium	137-1	540	313	310	388	34.00	cps
Beryllium	9-1	116	85	135	112	22.48	cps
Bismuth	209-1	9552645	9490834	9479575	9507685	0.41	cps
Bismuth	209-2	7100888	6974996	7011001	7028961	0.92	cps
Bromine	81-1	6762	6995	7002	6919	1.98	cps
Bromine	81-2	80	40	43	54	40.77	cps
Cadmium	108-1	13	7	3	8	65.47	cps
Cadmium	106-1	3160	2957	2897	3005	4.59	cps
Cadmium	111-1	2280	2122	2092	2165	4.65	cps
Calcium	43-1	393	333	310	346	12.44	cps
Calcium	44-1	7612	6828	6191	6877	10.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1820	1917	1823	1853	2.96	cps
Cobalt	59-2	137	140	133	137	2.44	cps
Copper	63-2	1167	1217	1267	1217	4.11	cps
Dysprosium	156-1	40	13	47	33	52.92	cps
Dysprosium	156-2	20	10	10	13	43.30	cps
Erbium	164-1	77	130	137	114	28.73	cps
Erbium	164-2	80	73	47	67	26.45	cps
Gadolinium	160-1	63	33	63	53	32.48	cps
Gadolinium	160-2	513	477	437	476	8.06	cps
Holmium	165-1	15295065	15292853	14952808	15180242	1.30	cps
Holmium	165-2	9669878	9647212	9451759	9589617	1.25	cps
Indium	115-1	11522435	11494377	11407699	11474837	0.52	cps
Indium	115-2	3557647	3543947	3554604	3552066	0.20	cps
Iron	56-2	21525	21102	21145	21257	1.10	cps
Iron	57-2	1073	1197	1120	1130	5.51	cps
Iron	54-2	1790	1813	1910	1838	3.46	cps
Krypton	83-1	140	130	190	153	20.96	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:08:20	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1980	1733	1467	1727	14.87	cps
Lead	207-1	1773	1357	1263	1465	18.54	cps
Lead	208-1	7948	6647	5847	6814	15.56	cps
Lithium	6-1	1936373	1935313	1917924	1929870	0.54	cps
Magnesium	24-2	1963	1837	1737	1846	6.16	cps
Manganese	55-2	743	533	650	642	16.38	cps
Molybdenum	94-1	1427	1230	1270	1309	7.94	cps
Molybdenum	95-1	1570	1240	1230	1347	14.37	cps
Molybdenum	96-1	1937	1507	1343	1596	19.21	cps
Molybdenum	97-1	960	793	833	862	10.09	cps
Molybdenum	98-1	2650	2023	2150	2275	14.57	cps
Neodymium	150-1	7	10	23	13	66.12	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	553	440	533	509	11.89	cps
Phosphorus	31-2	63	87	87	79	17.08	cps
Potassium	39-2	34085	33948	34526	34186	0.88	cps
Rhodium	103-1	10557230	10502893	10412764	10490962	0.70	cps
Rhodium	103-2	5626383	5540413	5625559	5597451	0.88	cps
Scandium	45-1	5606105	5514509	5613055	5577890	0.99	cps
Scandium	45-2	459483	455183	459446	458037	0.54	cps
Selenium	82-1	383	442	336	387	13.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	160	140	140	14.29	cps
Silicon	28-1	145862	145929	147821	146537	0.76	cps
Silver	107-1	690	477	383	517	30.43	cps
Silver	109-1	567	377	363	436	26.11	cps
Sodium	23-2	15745	15738	14687	15390	3.96	cps
Strontium	86-1	1393	977	880	1083	25.18	cps
Strontium	88-1	11305	7575	6228	8369	31.42	cps
Sulfur	34-1	118273	120100	121871	120082	1.50	cps
Terbium	159-1	15898186	15618107	15501784	15672692	1.30	cps
Terbium	159-2	9461824	9447741	9400930	9436832	0.34	cps
Thallium	203-1	567	437	377	460	21.11	cps
Thallium	205-1	1347	1087	927	1120	18.93	cps
Tin	118-1	1303	1463	1500	1422	7.35	cps
Titanium	47-1	317	270	273	287	9.08	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB023	Instrumnet Name :	P7
Client Sample ID :	CCB023	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:08:20	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	540	397	300	412	29.29	cps
Vanadium	51-2	43	47	30	40	22.05	cps
Yttrium	89-1	12005787	11850901	11870546	11909078	0.71	cps
Yttrium	89-2	2833467	2796429	2798646	2809514	0.74	cps
Zinc	66-2	373	353	370	366	2.93	cps
Zirconium	90-1	1517	1423	1327	1422	6.68	cps
Zirconium	91-1	317	310	310	312	1.23	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-15	Instrumnet Name :	P7
Client Sample ID :	MYD467	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:11:39	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5437735	5342995	5364620	5381784	0.92	cps
Antimony	121-1	15822	16129	16433	16128	1.89	cps
Arsenic	75-2	40378	40966	40338	40561	0.87	cps
Barium	135-1	517982	516513	523771	519422	0.74	cps
Barium	137-1	885687	891322	899966	892325	0.81	cps
Beryllium	9-1	1709	1760	1719	1729	1.58	cps
Bismuth	209-1	7308841	9601887	9493560	8801429	14.70	cps
Bismuth	209-2	7182721	7097828	7003946	7094832	1.26	cps
Bromine	81-1	7932	7856	7999	7929	0.91	cps
Bromine	81-2	207	170	220	199	13.02	cps
Cadmium	108-1	260	240	277	259	7.09	cps
Cadmium	106-1	2927	3671	3560	3386	11.85	cps
Cadmium	111-1	4317	4928	4822	4689	6.96	cps
Calcium	43-1	307673	310500	314278	310817	1.07	cps
Calcium	44-1	4638093	4702243	4723693	4688010	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104515	103746	105234	104499	0.71	cps
Cobalt	59-2	174528	171972	173867	173456	0.76	cps
Copper	63-2	344599	345084	343151	344278	0.29	cps
Dysprosium	156-1	57490	56349	56864	56901	1.00	cps
Dysprosium	156-2	42160	42618	42852	42543	0.83	cps
Erbium	164-1	50113	51872	51475	51153	1.80	cps
Erbium	164-2	32882	32053	32441	32459	1.28	cps
Gadolinium	160-1	55372	55372	56453	55732	1.12	cps
Gadolinium	160-2	37213	37487	37176	37292	0.46	cps
Holmium	165-1	12103403	15925783	15832832	14620673	14.91	cps
Holmium	165-2	10101922	9945663	10052758	10033448	0.80	cps
Indium	115-1	8900603	11992985	11876652	10923413	16.05	cps
Indium	115-2	3725465	3641458	3728334	3698419	1.33	cps
Iron	56-2	220576403	219129050	219083037	219596163	0.39	cps
Iron	57-2	5415110	5374000	5392492	5393867	0.38	cps
Iron	54-2	12025359	11829826	11918169	11924451	0.82	cps
Krypton	83-1	227	157	197	193	18.16	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-15	Instrumnet Name :	P7
Client Sample ID :	MYD467	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:11:39	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	437181	437787	443182	439384	0.75	cps
Lead	207-1	397412	397874	404743	400010	1.03	cps
Lead	208-1	1770253	1766661	1788997	1775304	0.68	cps
Lithium	6-1	1443283	1915470	1886800	1748518	15.14	cps
Magnesium	24-2	3962276	3915859	3921533	3933223	0.64	cps
Manganese	55-2	3208134	3159738	3143951	3170608	1.05	cps
Molybdenum	94-1	30338	29847	30739	30308	1.47	cps
Molybdenum	95-1	4577	4601	4507	4562	1.07	cps
Molybdenum	96-1	12926	13183	13543	13217	2.35	cps
Molybdenum	97-1	2797	2830	3034	2887	4.44	cps
Molybdenum	98-1	7142	7215	7209	7189	0.56	cps
Neodymium	150-1	94393	94560	95007	94653	0.34	cps
Neodymium	150-2	49945	50082	49232	49753	0.92	cps
Nickel	60-2	41684	41644	41651	41660	0.05	cps
Phosphorus	31-2	21819	21115	21455	21463	1.64	cps
Potassium	39-2	1646153	1673509	1663410	1661024	0.83	cps
Rhodium	103-1	8017153	10813123	10693677	9841318	16.06	cps
Rhodium	103-2	5888663	5817624	5818870	5841719	0.70	cps
Scandium	45-1	4684081	6251799	6154430	5696770	15.42	cps
Scandium	45-2	512149	513989	510457	512199	0.34	cps
Selenium	82-1	401	615	584	533	21.73	cps
Selenium	77-2	140	150	183	158	14.38	cps
Selenium	78-2	240	313	317	290	14.94	cps
Silicon	28-1	9128220	9197027	9439789	9255012	1.77	cps
Silver	107-1	3894	3607	3567	3689	4.83	cps
Silver	109-1	3594	3354	3597	3515	3.97	cps
Sodium	23-2	90503	88851	90115	89823	0.96	cps
Strontium	86-1	152413	154036	155275	153908	0.93	cps
Strontium	88-1	1343528	1350767	1377897	1357397	1.33	cps
Sulfur	34-1	135921	135329	134054	135102	0.71	cps
Terbium	159-1	12258376	16340815	16252714	14950635	15.60	cps
Terbium	159-2	9961855	9852630	9824070	9879518	0.74	cps
Thallium	203-1	2210	2264	1870	2115	10.09	cps
Thallium	205-1	5301	4741	4744	4929	6.54	cps
Tin	118-1	7605	7806	7782	7731	1.42	cps
Titanium	47-1	708862	717154	727626	717881	1.31	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-15	Instrumnet Name :	P7
Client Sample ID :	MYD467	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:11:39	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17034	17101	16871	17002	0.70	cps
Vanadium	51-2	415044	414998	414625	414889	0.06	cps
Yttrium	89-1	10097752	13203788	13252923	12184821	14.84	cps
Yttrium	89-2	3179656	3168131	3124344	3157377	0.92	cps
Zinc	66-2	179254	178722	178702	178893	0.18	cps
Zirconium	90-1	73965	75546	74618	74710	1.06	cps
Zirconium	91-1	16109	16937	17414	16820	3.92	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-16	Instrumnet Name :	P7
Client Sample ID :	MYD468	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:14:50	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4063366	4063638	3969470	4032158	1.35	cps
Antimony	121-1	18772	19694	18893	19119	2.62	cps
Arsenic	75-2	49569	48258	48352	48726	1.50	cps
Barium	135-1	432177	437034	434423	434544	0.56	cps
Barium	137-1	745456	757102	752788	751782	0.78	cps
Beryllium	9-1	1426	1373	1382	1393	2.03	cps
Bismuth	209-1	9579826	9475599	9560512	9538646	0.58	cps
Bismuth	209-2	6963612	7106903	7017140	7029218	1.03	cps
Bromine	81-1	8146	8236	8026	8136	1.30	cps
Bromine	81-2	227	160	190	192	17.37	cps
Cadmium	108-1	317	377	313	336	10.62	cps
Cadmium	106-1	3887	3777	3757	3807	1.84	cps
Cadmium	111-1	6237	5948	6168	6117	2.47	cps
Calcium	43-1	205630	208556	211225	208470	1.34	cps
Calcium	44-1	3131249	3144257	3186942	3154149	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85665	86516	86047	86076	0.50	cps
Cobalt	59-2	116460	116796	116340	116532	0.20	cps
Copper	63-2	442346	433470	434758	436858	1.10	cps
Dysprosium	156-1	45206	46109	45370	45561	1.06	cps
Dysprosium	156-2	33590	33784	33740	33705	0.30	cps
Erbium	164-1	40261	40539	42494	41098	2.96	cps
Erbium	164-2	26151	26495	25643	26097	1.64	cps
Gadolinium	160-1	44146	45387	46082	45205	2.17	cps
Gadolinium	160-2	30022	30159	29752	29978	0.69	cps
Holmium	165-1	15765673	15928642	15810051	15834789	0.53	cps
Holmium	165-2	10063396	10003366	9812908	9959890	1.31	cps
Indium	115-1	11841522	11973313	11878087	11897641	0.57	cps
Indium	115-2	3671265	3725110	3659491	3685289	0.95	cps
Iron	56-2	169624394	168470864	168852287	168982515	0.35	cps
Iron	57-2	4135672	4165772	4121825	4141090	0.54	cps
Iron	54-2	9165193	9098728	9186218	9150046	0.50	cps
Krypton	83-1	123	143	177	148	18.23	cps

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On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-16	Instrumnet Name :	P7
Client Sample ID :	MYD468	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:14:50	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	645189	652473	649333	648998	0.56	cps
Lead	207-1	589451	600847	596752	595684	0.97	cps
Lead	208-1	2624784	2655454	2652714	2644317	0.64	cps
Lithium	6-1	1855890	1868104	1883532	1869175	0.74	cps
Magnesium	24-2	2812239	2801803	2774528	2796190	0.70	cps
Manganese	55-2	2624017	2592815	2644060	2620297	0.99	cps
Molybdenum	94-1	28421	28615	29032	28689	1.09	cps
Molybdenum	95-1	3897	3681	3997	3858	4.20	cps
Molybdenum	96-1	11605	11678	11214	11499	2.17	cps
Molybdenum	97-1	2490	2377	2427	2431	2.34	cps
Molybdenum	98-1	6305	6451	6502	6419	1.59	cps
Neodymium	150-1	76697	76727	75152	76192	1.18	cps
Neodymium	150-2	40287	40595	40070	40317	0.65	cps
Nickel	60-2	30755	30989	30618	30787	0.61	cps
Phosphorus	31-2	14941	15121	15374	15145	1.44	cps
Potassium	39-2	1613688	1585500	1602070	1600419	0.89	cps
Rhodium	103-1	10838213	10794544	10790701	10807819	0.24	cps
Rhodium	103-2	5827309	5857942	5724793	5803348	1.20	cps
Scandium	45-1	6153926	6204278	6089531	6149245	0.94	cps
Scandium	45-2	506008	507240	503631	505626	0.36	cps
Selenium	82-1	585	584	549	573	3.56	cps
Selenium	77-2	93	90	107	97	9.13	cps
Selenium	78-2	240	203	280	241	15.90	cps
Silicon	28-1	9425604	9603586	9414258	9481149	1.12	cps
Silver	107-1	5551	5488	5711	5583	2.06	cps
Silver	109-1	5181	5194	5201	5192	0.20	cps
Sodium	23-2	81779	82090	80733	81534	0.87	cps
Strontium	86-1	116889	118307	118740	117979	0.82	cps
Strontium	88-1	1027918	1046234	1041908	1038687	0.92	cps
Sulfur	34-1	116449	116520	116147	116372	0.17	cps
Terbium	159-1	16366071	16427753	16216888	16336904	0.66	cps
Terbium	159-2	9908397	9889752	9763796	9853982	0.80	cps
Thallium	203-1	1810	1687	1723	1740	3.64	cps
Thallium	205-1	4164	4041	4087	4097	1.52	cps
Tin	118-1	8843	8636	9026	8835	2.21	cps
Titanium	47-1	761429	768456	770210	766699	0.61	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-16	Instrumnet Name :	P7
Client Sample ID :	MYD468	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:14:50	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14348	14525	14695	14522	1.19	cps
Vanadium	51-2	321799	318580	320507	320296	0.51	cps
Yttrium	89-1	12964703	13140211	13322923	13142612	1.36	cps
Yttrium	89-2	3125322	3119322	3061793	3102146	1.13	cps
Zinc	66-2	196102	196359	194866	195776	0.41	cps
Zirconium	90-1	69885	71125	71804	70938	1.37	cps
Zirconium	91-1	15718	15642	15932	15764	0.95	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-17	Instrumnet Name :	P7
Client Sample ID :	MYD469	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:18:02	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3683710	3647336	3669084	3666710	0.50	cps
Antimony	121-1	19767	20428	20331	20175	1.77	cps
Arsenic	75-2	37557	37227	37862	37548	0.85	cps
Barium	135-1	456703	459422	456419	457515	0.36	cps
Barium	137-1	791634	788934	788303	789624	0.22	cps
Beryllium	9-1	1464	1310	1405	1393	5.56	cps
Bismuth	209-1	9434974	9349437	9557828	9447413	1.11	cps
Bismuth	209-2	7324117	7137454	6985922	7149165	2.37	cps
Bromine	81-1	8172	8106	7865	8048	2.01	cps
Bromine	81-2	150	153	180	161	10.20	cps
Cadmium	108-1	367	290	357	338	12.34	cps
Cadmium	106-1	3884	3784	3620	3763	3.53	cps
Cadmium	111-1	5642	5753	5358	5585	3.64	cps
Calcium	43-1	189750	191913	191066	190910	0.57	cps
Calcium	44-1	2866262	2927008	2893724	2895665	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92464	91408	92598	92157	0.71	cps
Cobalt	59-2	103218	103973	103094	103429	0.46	cps
Copper	63-2	375665	375680	374744	375363	0.14	cps
Dysprosium	156-1	54244	54465	54204	54304	0.26	cps
Dysprosium	156-2	40090	40264	40097	40150	0.25	cps
Erbium	164-1	44066	45577	45280	44974	1.78	cps
Erbium	164-2	27520	28095	28198	27938	1.31	cps
Gadolinium	160-1	51906	51748	52187	51947	0.43	cps
Gadolinium	160-2	34005	33600	33710	33772	0.62	cps
Holmium	165-1	15890573	15503842	15435483	15609966	1.57	cps
Holmium	165-2	10166965	10071555	9787993	10008837	1.97	cps
Indium	115-1	11812188	11602315	11633240	11682581	0.97	cps
Indium	115-2	3789621	3721257	3632411	3714430	2.12	cps
Iron	56-2	137355658	138784305	138068888	138069617	0.52	cps
Iron	57-2	3385870	3399793	3398750	3394804	0.23	cps
Iron	54-2	7473492	7530374	7472793	7492220	0.44	cps
Krypton	83-1	180	167	160	169	6.03	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-17	Instrumnet Name :	P7
Client Sample ID :	MYD469	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:18:02	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	568136	566421	566691	567083	0.16	cps
Lead	207-1	517373	522105	524820	521433	0.72	cps
Lead	208-1	2301001	2310684	2318496	2310060	0.38	cps
Lithium	6-1	1843837	1822441	1839583	1835287	0.62	cps
Magnesium	24-2	2587141	2586321	2582976	2585479	0.09	cps
Manganese	55-2	2586238	2617346	2615922	2606502	0.67	cps
Molybdenum	94-1	37184	37812	38420	37805	1.64	cps
Molybdenum	95-1	4171	4304	4261	4245	1.60	cps
Molybdenum	96-1	12629	12579	13099	12769	2.25	cps
Molybdenum	97-1	2777	2504	2747	2676	5.60	cps
Molybdenum	98-1	6455	6558	6902	6638	3.52	cps
Neodymium	150-1	91464	91655	92139	91753	0.38	cps
Neodymium	150-2	47848	47918	47965	47910	0.12	cps
Nickel	60-2	33167	32535	32973	32892	0.98	cps
Phosphorus	31-2	15778	16449	16656	16294	2.82	cps
Potassium	39-2	1981737	1953488	1983398	1972874	0.85	cps
Rhodium	103-1	10618795	10646341	10684659	10649932	0.31	cps
Rhodium	103-2	5928368	5759234	5679545	5789049	2.19	cps
Scandium	45-1	6012244	6014444	6033770	6020153	0.20	cps
Scandium	45-2	501160	500488	490543	497397	1.20	cps
Selenium	82-1	605	531	576	571	6.56	cps
Selenium	77-2	133	140	113	129	10.77	cps
Selenium	78-2	283	273	293	283	3.53	cps
Silicon	28-1	8304996	8485604	8470393	8420331	1.19	cps
Silver	107-1	5281	5078	5231	5197	2.04	cps
Silver	109-1	4511	4687	4591	4596	1.93	cps
Sodium	23-2	66118	66690	67038	66615	0.70	cps
Strontium	86-1	98590	98815	100419	99275	1.00	cps
Strontium	88-1	869220	884316	873010	875515	0.90	cps
Sulfur	34-1	119391	118518	117725	118545	0.70	cps
Terbium	159-1	16036684	16048458	16050749	16045297	0.05	cps
Terbium	159-2	10048418	9744549	9573228	9788732	2.46	cps
Thallium	203-1	1870	1810	1933	1871	3.30	cps
Thallium	205-1	4177	4447	4317	4314	3.13	cps
Tin	118-1	7912	8052	7802	7922	1.58	cps
Titanium	47-1	608453	612563	611184	610733	0.34	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-17	Instrumnet Name :	P7
Client Sample ID :	MYD469	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:18:02	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17598	18460	17922	17993	2.42	cps
Vanadium	51-2	216284	215101	216132	215839	0.30	cps
Yttrium	89-1	12981625	12893545	12812410	12895860	0.66	cps
Yttrium	89-2	3182444	3121442	3036280	3113389	2.36	cps
Zinc	66-2	188746	186114	188540	187800	0.78	cps
Zirconium	90-1	94196	96615	95558	95456	1.27	cps
Zirconium	91-1	21105	21282	21676	21355	1.37	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-18	Instrumnet Name :	P7
Client Sample ID :	MYD470	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:21:11	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4714334	4765292	4715900	4731842	0.61	cps
Antimony	121-1	14467	14741	14421	14543	1.19	cps
Arsenic	75-2	34654	34614	35048	34772	0.69	cps
Barium	135-1	526018	531287	535632	530979	0.91	cps
Barium	137-1	911947	923637	915108	916898	0.66	cps
Beryllium	9-1	1544	1559	1642	1582	3.36	cps
Bismuth	209-1	9324359	9262089	9227375	9271274	0.53	cps
Bismuth	209-2	7059472	6897534	6949210	6968739	1.19	cps
Bromine	81-1	8126	8476	8309	8304	2.11	cps
Bromine	81-2	170	227	217	204	14.79	cps
Cadmium	108-1	293	300	337	310	7.53	cps
Cadmium	106-1	3781	3644	3484	3636	4.08	cps
Cadmium	111-1	5808	5598	5300	5569	4.58	cps
Calcium	43-1	236010	238830	238136	237658	0.62	cps
Calcium	44-1	3562708	3624075	3556981	3581254	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91327	90067	88591	89995	1.52	cps
Cobalt	59-2	129967	129156	129640	129588	0.31	cps
Copper	63-2	441257	441653	437504	440138	0.52	cps
Dysprosium	156-1	47975	48634	47289	47966	1.40	cps
Dysprosium	156-2	35221	36019	35548	35596	1.13	cps
Erbium	164-1	43444	43233	42942	43207	0.58	cps
Erbium	164-2	27337	27434	27350	27374	0.19	cps
Gadolinium	160-1	46142	46621	46912	46558	0.83	cps
Gadolinium	160-2	30794	30857	30436	30696	0.74	cps
Holmium	165-1	15314833	15394344	15442155	15383777	0.42	cps
Holmium	165-2	9831856	9766356	9780215	9792809	0.35	cps
Indium	115-1	11508820	11689813	11591106	11596580	0.78	cps
Indium	115-2	3595751	3631866	3565538	3597718	0.92	cps
Iron	56-2	183464944	181619824	182002591	182362453	0.53	cps
Iron	57-2	4466855	4504163	4464019	4478346	0.50	cps
Iron	54-2	9912167	9926649	9851041	9896619	0.41	cps
Krypton	83-1	183	207	190	193	6.22	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-18	Instrumnet Name :	P7
Client Sample ID :	MYD470	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:21:11	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	509564	519720	518393	515892	1.07	cps
Lead	207-1	463578	467274	466628	465827	0.42	cps
Lead	208-1	2062227	2088837	2081012	2077359	0.66	cps
Lithium	6-1	1881700	1861547	1828965	1857404	1.43	cps
Magnesium	24-2	3229423	3246822	3265079	3247108	0.55	cps
Manganese	55-2	2914458	2917755	2901272	2911162	0.30	cps
Molybdenum	94-1	32720	32833	33348	32967	1.02	cps
Molybdenum	95-1	3390	3550	3547	3496	2.62	cps
Molybdenum	96-1	12095	11618	12452	12055	3.47	cps
Molybdenum	97-1	1977	2030	2097	2035	2.96	cps
Molybdenum	98-1	5201	5541	5154	5299	3.98	cps
Neodymium	150-1	77572	78443	78470	78162	0.65	cps
Neodymium	150-2	41247	41514	40401	41054	1.42	cps
Nickel	60-2	33945	34283	34075	34101	0.50	cps
Phosphorus	31-2	13816	13620	13786	13741	0.77	cps
Potassium	39-2	1767446	1742624	1750237	1753435	0.73	cps
Rhodium	103-1	10663974	10466522	10583354	10571283	0.94	cps
Rhodium	103-2	5672930	5677246	5577889	5642688	1.00	cps
Scandium	45-1	6019041	5996268	5971113	5995474	0.40	cps
Scandium	45-2	491610	492994	488890	491165	0.43	cps
Selenium	82-1	570	533	585	563	4.79	cps
Selenium	77-2	120	127	103	117	10.30	cps
Selenium	78-2	297	263	240	267	10.68	cps
Silicon	28-1	9124501	9143245	9117728	9128491	0.14	cps
Silver	107-1	4084	4054	3937	4025	1.93	cps
Silver	109-1	3721	3634	3747	3701	1.60	cps
Sodium	23-2	72951	73219	73350	73174	0.28	cps
Strontium	86-1	134945	136337	136129	135804	0.55	cps
Strontium	88-1	1186296	1192474	1195171	1191313	0.38	cps
Sulfur	34-1	115143	115439	116449	115677	0.59	cps
Terbium	159-1	15732873	15856068	15781505	15790149	0.39	cps
Terbium	159-2	9556986	9617317	9490891	9555064	0.66	cps
Thallium	203-1	1603	1580	1447	1543	5.48	cps
Thallium	205-1	3594	3614	3520	3576	1.37	cps
Tin	118-1	7979	8026	8356	8120	2.53	cps
Titanium	47-1	769785	779000	775159	774648	0.60	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-18	Instrumnet Name :	P7
Client Sample ID :	MYD470	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:21:11	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14635	14968	14855	14819	1.14	cps
Vanadium	51-2	330577	329940	330249	330256	0.10	cps
Yttrium	89-1	12747430	12784469	12748392	12760097	0.17	cps
Yttrium	89-2	3043306	3030868	3012691	3028955	0.51	cps
Zinc	66-2	160983	160323	159659	160322	0.41	cps
Zirconium	90-1	81313	82875	82446	82212	0.98	cps
Zirconium	91-1	18412	18001	18545	18319	1.55	cps

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On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-19	Instrumnet Name :	P7
Client Sample ID :	MYD471	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:24:24	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5480905	5453723	5483778	5472802	0.30	cps
Antimony	121-1	11081	11038	11044	11054	0.21	cps
Arsenic	75-2	31239	30962	30481	30894	1.24	cps
Barium	135-1	657650	666000	669128	664259	0.89	cps
Barium	137-1	1142145	1154666	1158218	1151676	0.73	cps
Beryllium	9-1	1789	1828	2066	1894	7.92	cps
Bismuth	209-1	9274660	9219487	9310477	9268208	0.49	cps
Bismuth	209-2	6859552	6867294	6789228	6838691	0.63	cps
Bromine	81-1	9603	9366	9777	9582	2.15	cps
Bromine	81-2	553	457	513	508	9.57	cps
Cadmium	108-1	230	273	297	267	12.69	cps
Cadmium	106-1	3784	3607	3667	3686	2.44	cps
Cadmium	111-1	5095	4961	5036	5031	1.34	cps
Calcium	43-1	498068	508228	512838	506378	1.49	cps
Calcium	44-1	7609462	7710880	7686876	7669072	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122438	121726	122798	122321	0.45	cps
Cobalt	59-2	134476	133874	131439	133263	1.21	cps
Copper	63-2	363742	362755	362547	363014	0.18	cps
Dysprosium	156-1	67062	67337	68208	67536	0.89	cps
Dysprosium	156-2	50537	51099	50413	50683	0.72	cps
Erbium	164-1	55513	56490	56470	56158	0.99	cps
Erbium	164-2	35629	35539	35919	35696	0.56	cps
Gadolinium	160-1	63690	66138	64839	64889	1.89	cps
Gadolinium	160-2	42905	43979	42190	43025	2.09	cps
Holmium	165-1	15320209	15400483	15301431	15340708	0.34	cps
Holmium	165-2	9794283	9730117	9719652	9748017	0.41	cps
Indium	115-1	11561681	11506422	11448937	11505680	0.49	cps
Indium	115-2	3548467	3557619	3608817	3571634	0.91	cps
Iron	56-2	157064788	156520598	157542838	157042741	0.33	cps
Iron	57-2	3873384	3888426	3889607	3883806	0.23	cps
Iron	54-2	8539422	8586415	8440294	8522044	0.88	cps
Krypton	83-1	153	177	193	174	11.52	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-19	Instrumnet Name :	P7
Client Sample ID :	MYD471	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:24:24	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	431809	435038	438111	434986	0.72	cps
Lead	207-1	391354	395287	398535	395059	0.91	cps
Lead	208-1	1745257	1761401	1764285	1756981	0.58	cps
Lithium	6-1	1875336	1854968	1850672	1860325	0.71	cps
Magnesium	24-2	3927753	3902052	3950486	3926764	0.62	cps
Manganese	55-2	3447270	3423714	3400792	3423925	0.68	cps
Molybdenum	94-1	29521	29359	29800	29560	0.75	cps
Molybdenum	95-1	3951	3957	4034	3981	1.16	cps
Molybdenum	96-1	11174	11601	11822	11532	2.85	cps
Molybdenum	97-1	2427	2437	2540	2468	2.54	cps
Molybdenum	98-1	5895	5881	6021	5932	1.30	cps
Neodymium	150-1	116170	116869	119272	117437	1.39	cps
Neodymium	150-2	61999	60998	62183	61727	1.03	cps
Nickel	60-2	46114	46208	46502	46274	0.44	cps
Phosphorus	31-2	19502	19346	18538	19129	2.71	cps
Potassium	39-2	2763875	2785362	2789897	2779712	0.50	cps
Rhodium	103-1	10458767	10383938	10381938	10408214	0.42	cps
Rhodium	103-2	5650542	5632647	5595662	5626284	0.50	cps
Scandium	45-1	5966685	5902445	5954114	5941081	0.57	cps
Scandium	45-2	488210	485251	491387	488283	0.63	cps
Selenium	82-1	626	597	587	603	3.32	cps
Selenium	77-2	130	110	147	129	14.24	cps
Selenium	78-2	310	273	267	283	8.24	cps
Silicon	28-1	12128640	12233469	12188261	12183457	0.43	cps
Silver	107-1	4914	4978	5201	5031	2.99	cps
Silver	109-1	4381	4811	4874	4689	5.73	cps
Sodium	23-2	77011	77825	77909	77582	0.64	cps
Strontium	86-1	159300	160183	161106	160197	0.56	cps
Strontium	88-1	1411802	1422605	1430040	1421482	0.65	cps
Sulfur	34-1	141932	141733	142261	141975	0.19	cps
Terbium	159-1	15778576	15855937	15801615	15812043	0.25	cps
Terbium	159-2	9551878	9519845	9633821	9568515	0.61	cps
Thallium	203-1	2114	2107	2214	2145	2.79	cps
Thallium	205-1	5061	5274	5281	5205	2.41	cps
Tin	118-1	8483	8779	8563	8608	1.78	cps
Titanium	47-1	439159	446406	444913	443493	0.86	cps

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LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-19	Instrumnet Name :	P7
Client Sample ID :	MYD471	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:24:24	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18059	18219	18396	18225	0.93	cps
Vanadium	51-2	235902	237006	237144	236684	0.29	cps
Yttrium	89-1	12908901	12965144	12974159	12949401	0.27	cps
Yttrium	89-2	3046958	3084192	3073726	3068292	0.63	cps
Zinc	66-2	170454	169880	169769	170034	0.22	cps
Zirconium	90-1	72628	75650	73499	73926	2.10	cps
Zirconium	91-1	16172	16479	17043	16565	2.67	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-20	Instrumnet Name :	P7
Client Sample ID :	MYD472	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:27:33	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4590042	4558394	4553859	4567432	0.43	cps
Antimony	121-1	19697	20271	20194	20054	1.55	cps
Arsenic	75-2	61918	61701	61376	61665	0.44	cps
Barium	135-1	531013	536016	535061	534030	0.50	cps
Barium	137-1	918675	924700	929790	924388	0.60	cps
Beryllium	9-1	1524	1596	1546	1555	2.38	cps
Bismuth	209-1	9145563	9188311	9158924	9164266	0.24	cps
Bismuth	209-2	6775388	6747562	6816679	6779877	0.51	cps
Bromine	81-1	8332	8442	8436	8404	0.73	cps
Bromine	81-2	207	200	200	202	1.90	cps
Cadmium	108-1	400	373	343	372	7.62	cps
Cadmium	106-1	3824	3811	3791	3808	0.44	cps
Cadmium	111-1	6147	6350	6244	6247	1.62	cps
Calcium	43-1	345325	344129	347214	345556	0.45	cps
Calcium	44-1	5192151	5187180	5237051	5205461	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100760	100414	100626	100600	0.17	cps
Cobalt	59-2	137681	135925	135720	136442	0.79	cps
Copper	63-2	513154	513588	512611	513118	0.10	cps
Dysprosium	156-1	53843	53548	53752	53714	0.28	cps
Dysprosium	156-2	40501	40625	39856	40328	1.02	cps
Erbium	164-1	46862	46992	47069	46974	0.22	cps
Erbium	164-2	30062	29929	29501	29831	0.98	cps
Gadolinium	160-1	52595	52916	52796	52769	0.31	cps
Gadolinium	160-2	35715	34656	34613	34995	1.78	cps
Holmium	165-1	15336260	15120543	15281129	15245977	0.74	cps
Holmium	165-2	9545835	9653312	9545759	9581635	0.65	cps
Indium	115-1	11487577	11353215	11422961	11421251	0.59	cps
Indium	115-2	3537049	3491995	3570241	3533095	1.11	cps
Iron	56-2	186667331	185178311	185944217	185929953	0.40	cps
Iron	57-2	4621606	4535168	4593790	4583522	0.96	cps
Iron	54-2	10089185	10126549	10005544	10073759	0.62	cps
Krypton	83-1	167	150	193	170	12.86	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-20	Instrumnet Name :	P7
Client Sample ID :	MYD472	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:27:33	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	720567	733611	738335	730838	1.26	cps
Lead	207-1	668965	676289	678218	674490	0.72	cps
Lead	208-1	2961009	3005744	3003281	2990012	0.84	cps
Lithium	6-1	1834237	1822676	1884057	1846990	1.77	cps
Magnesium	24-2	3388832	3375273	3393309	3385805	0.28	cps
Manganese	55-2	3038955	2961090	2999427	2999824	1.30	cps
Molybdenum	94-1	30739	31036	31337	31037	0.96	cps
Molybdenum	95-1	4791	4567	4647	4669	2.42	cps
Molybdenum	96-1	12736	12489	13313	12846	3.29	cps
Molybdenum	97-1	2684	2904	3127	2905	7.63	cps
Molybdenum	98-1	7048	7162	7142	7117	0.85	cps
Neodymium	150-1	89531	90565	90431	90176	0.62	cps
Neodymium	150-2	46620	47028	47296	46981	0.72	cps
Nickel	60-2	35328	36555	35649	35844	1.77	cps
Phosphorus	31-2	19182	19342	18878	19134	1.23	cps
Potassium	39-2	1610585	1619019	1599098	1609567	0.62	cps
Rhodium	103-1	10344076	10356024	10380587	10360229	0.18	cps
Rhodium	103-2	5560133	5518306	5575661	5551367	0.53	cps
Scandium	45-1	5825185	5836411	5841540	5834378	0.14	cps
Scandium	45-2	480428	477980	475942	478117	0.47	cps
Selenium	82-1	604	617	605	609	1.16	cps
Selenium	77-2	107	130	157	131	19.08	cps
Selenium	78-2	330	260	237	276	17.63	cps
Silicon	28-1	10407373	10490524	10343312	10413736	0.71	cps
Silver	107-1	9266	9390	9006	9221	2.12	cps
Silver	109-1	8676	8553	8743	8657	1.11	cps
Sodium	23-2	66586	67648	68116	67450	1.16	cps
Strontium	86-1	128837	129617	129971	129475	0.45	cps
Strontium	88-1	1135429	1146035	1145645	1142370	0.53	cps
Sulfur	34-1	178213	176530	174264	176336	1.12	cps
Terbium	159-1	15656732	15491606	15544802	15564380	0.54	cps
Terbium	159-2	9466894	9436813	9669779	9524495	1.33	cps
Thallium	203-1	1793	1807	1843	1815	1.43	cps
Thallium	205-1	4161	4014	4311	4162	3.57	cps
Tin	118-1	8329	8543	8633	8501	1.83	cps
Titanium	47-1	509305	512598	510210	510705	0.33	cps

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LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-20	Instrumnet Name :	P7
Client Sample ID :	MYD472	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:27:33	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14922	15673	15209	15268	2.48	cps
Vanadium	51-2	337621	336062	334277	335987	0.50	cps
Yttrium	89-1	12710718	12666279	12690650	12689216	0.18	cps
Yttrium	89-2	2963769	2978946	2990586	2977767	0.45	cps
Zinc	66-2	224969	225765	226064	225599	0.25	cps
Zirconium	90-1	76585	77938	76578	77034	1.02	cps
Zirconium	91-1	16810	16840	17227	16959	1.37	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-21	Instrumnet Name :	P7
Client Sample ID :	MYD473	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:30:46	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5726273	5691929	5708870	5709024	0.30	cps
Antimony	121-1	9917	9813	9887	9872	0.54	cps
Arsenic	75-2	39248	39750	39730	39576	0.72	cps
Barium	135-1	553835	558402	561219	557819	0.67	cps
Barium	137-1	958471	968657	970282	965803	0.66	cps
Beryllium	9-1	1685	1720	1662	1689	1.71	cps
Bismuth	209-1	8976444	9097216	8953177	9008946	0.86	cps
Bismuth	209-2	6741818	6759301	6763962	6755027	0.17	cps
Bromine	81-1	7916	8172	7849	7979	2.14	cps
Bromine	81-2	237	247	173	219	18.17	cps
Cadmium	108-1	227	250	237	238	4.92	cps
Cadmium	106-1	3614	3497	3527	3546	1.71	cps
Cadmium	111-1	4671	4363	4527	4520	3.41	cps
Calcium	43-1	295913	301039	302582	299845	1.16	cps
Calcium	44-1	4500285	4541146	4587047	4542826	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103750	101411	102857	102673	1.15	cps
Cobalt	59-2	144245	143653	144928	144275	0.44	cps
Copper	63-2	376996	375746	373410	375384	0.48	cps
Dysprosium	156-1	57852	58591	58685	58376	0.78	cps
Dysprosium	156-2	42872	42909	43427	43069	0.72	cps
Erbium	164-1	50434	52043	52398	51625	2.03	cps
Erbium	164-2	32905	32301	32735	32647	0.96	cps
Gadolinium	160-1	56627	57491	58204	57440	1.37	cps
Gadolinium	160-2	38252	37306	37945	37834	1.28	cps
Holmium	165-1	14971489	15022254	15077346	15023696	0.35	cps
Holmium	165-2	9541184	9630132	9542785	9571367	0.53	cps
Indium	115-1	11266491	11349573	11279271	11298445	0.40	cps
Indium	115-2	3548523	3515272	3498181	3520658	0.73	cps
Iron	56-2	188256757	188412917	187887464	188185713	0.14	cps
Iron	57-2	4663085	4636465	4635483	4645011	0.34	cps
Iron	54-2	10269338	10253120	10202750	10241736	0.34	cps
Krypton	83-1	140	187	197	174	17.34	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-21	Instrumnet Name :	P7
Client Sample ID :	MYD473	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:30:46	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	324495	326333	325784	325538	0.29	cps
Lead	207-1	288409	295249	296952	293537	1.54	cps
Lead	208-1	1299874	1319521	1318933	1312776	0.85	cps
Lithium	6-1	1798827	1826191	1818316	1814444	0.78	cps
Magnesium	24-2	3698776	3664357	3710279	3691137	0.65	cps
Manganese	55-2	3326998	3344146	3307775	3326306	0.55	cps
Molybdenum	94-1	31748	32476	32944	32389	1.86	cps
Molybdenum	95-1	3554	3494	3634	3560	1.97	cps
Molybdenum	96-1	12439	12222	12275	12312	0.92	cps
Molybdenum	97-1	2150	2197	2210	2186	1.44	cps
Molybdenum	98-1	5694	5554	5811	5687	2.26	cps
Neodymium	150-1	97937	99199	98592	98576	0.64	cps
Neodymium	150-2	51992	52250	51246	51829	1.01	cps
Nickel	60-2	35111	34931	34857	34966	0.37	cps
Phosphorus	31-2	16155	16716	16686	16519	1.91	cps
Potassium	39-2	984827	982218	979516	982187	0.27	cps
Rhodium	103-1	10296862	10359621	10249877	10302120	0.53	cps
Rhodium	103-2	5547922	5524429	5510534	5527628	0.34	cps
Scandium	45-1	5817211	5862140	5839227	5839526	0.38	cps
Scandium	45-2	480813	484731	483248	482931	0.41	cps
Selenium	82-1	576	569	539	561	3.49	cps
Selenium	77-2	170	133	163	156	12.55	cps
Selenium	78-2	300	243	240	261	12.92	cps
Silicon	28-1	10572449	10657894	10613618	10614654	0.40	cps
Silver	107-1	3030	3107	3190	3109	2.57	cps
Silver	109-1	3100	2944	3034	3026	2.60	cps
Sodium	23-2	111258	113605	113605	112823	1.20	cps
Strontium	86-1	150375	151371	152294	151347	0.63	cps
Strontium	88-1	1305429	1330941	1328683	1321684	1.07	cps
Sulfur	34-1	111933	109358	109008	110100	1.45	cps
Terbium	159-1	15635307	15710321	15431389	15592339	0.93	cps
Terbium	159-2	9572646	9476095	9407277	9485339	0.88	cps
Thallium	203-1	1350	1387	1343	1360	1.72	cps
Thallium	205-1	3434	3564	3410	3469	2.38	cps
Tin	118-1	7789	7816	7976	7860	1.29	cps
Titanium	47-1	600841	609209	609173	606408	0.79	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-21	Instrumnet Name :	P7
Client Sample ID :	MYD473	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:30:46	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14244	14708	14925	14626	2.38	cps
Vanadium	51-2	328445	330719	328634	329266	0.38	cps
Yttrium	89-1	12654085	12661454	12649699	12655079	0.05	cps
Yttrium	89-2	2997824	2996177	2962986	2985662	0.66	cps
Zinc	66-2	128923	128910	129428	129087	0.23	cps
Zirconium	90-1	79906	80954	81249	80703	0.88	cps
Zirconium	91-1	17464	18345	18735	18181	3.58	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-22	Instrumnet Name :	P7
Client Sample ID :	MYD474	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:33:57	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3815478	3848365	3813067	3825637	0.52	cps
Antimony	121-1	14611	15025	15505	15047	2.97	cps
Arsenic	75-2	28668	28688	27970	28442	1.44	cps
Barium	135-1	459359	463069	461822	461417	0.41	cps
Barium	137-1	789869	799398	802217	797161	0.81	cps
Beryllium	9-1	1549	1485	1336	1457	7.53	cps
Bismuth	209-1	9127352	9123918	9069828	9107033	0.35	cps
Bismuth	209-2	6901363	6937222	6926733	6921773	0.27	cps
Bromine	81-1	7639	7862	7916	7805	1.88	cps
Bromine	81-2	170	267	173	203	26.99	cps
Cadmium	108-1	233	213	260	236	9.94	cps
Cadmium	106-1	3544	3484	3414	3480	1.87	cps
Cadmium	111-1	4157	4283	4051	4164	2.79	cps
Calcium	43-1	229330	235742	236616	233896	1.70	cps
Calcium	44-1	3483132	3536178	3546863	3522058	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85464	85044	86365	85624	0.79	cps
Cobalt	59-2	108069	107260	106927	107419	0.55	cps
Copper	63-2	292423	294123	289382	291976	0.82	cps
Dysprosium	156-1	53726	54288	55000	54338	1.18	cps
Dysprosium	156-2	41250	41257	41003	41170	0.35	cps
Erbium	164-1	45975	46039	45343	45786	0.84	cps
Erbium	164-2	28947	29635	29267	29283	1.18	cps
Gadolinium	160-1	51447	52130	52013	51863	0.70	cps
Gadolinium	160-2	35114	35027	34786	34976	0.48	cps
Holmium	165-1	15033463	15164311	15112726	15103500	0.44	cps
Holmium	165-2	9781492	9709396	9717097	9735995	0.41	cps
Indium	115-1	11506473	11218802	11306593	11343956	1.30	cps
Indium	115-2	3597014	3627021	3575307	3599781	0.72	cps
Iron	56-2	144091158	144305755	143402088	143933000	0.33	cps
Iron	57-2	3501457	3540099	3551508	3531021	0.74	cps
Iron	54-2	7806855	7823468	7834026	7821449	0.18	cps
Krypton	83-1	147	183	137	156	15.80	cps

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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-22	Instrumnet Name :	P7
Client Sample ID :	MYD474	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:33:57	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	297935	297029	296955	297306	0.18	cps
Lead	207-1	268069	266550	267655	267425	0.29	cps
Lead	208-1	1194764	1196319	1197606	1196229	0.12	cps
Lithium	6-1	1807366	1838619	1784020	1810002	1.51	cps
Magnesium	24-2	2886140	2837758	2880284	2868061	0.92	cps
Manganese	55-2	2733130	2674333	2694174	2700546	1.11	cps
Molybdenum	94-1	29790	30438	30756	30328	1.62	cps
Molybdenum	95-1	5071	5578	5148	5265	5.19	cps
Molybdenum	96-1	12906	12679	12576	12720	1.33	cps
Molybdenum	97-1	3247	3197	3357	3267	2.51	cps
Molybdenum	98-1	8089	8239	8359	8229	1.64	cps
Neodymium	150-1	90985	90115	90280	90460	0.51	cps
Neodymium	150-2	49042	48577	49129	48916	0.61	cps
Nickel	60-2	35265	35609	34583	35152	1.49	cps
Phosphorus	31-2	18525	18181	18118	18274	1.20	cps
Potassium	39-2	1900459	1875327	1866999	1880928	0.93	cps
Rhodium	103-1	10330478	10324565	10396535	10350526	0.39	cps
Rhodium	103-2	5657613	5601855	5688457	5649309	0.78	cps
Scandium	45-1	5698485	5759011	5794733	5750743	0.85	cps
Scandium	45-2	485840	487604	483885	485776	0.38	cps
Selenium	82-1	572	528	587	562	5.46	cps
Selenium	77-2	130	133	123	129	3.95	cps
Selenium	78-2	263	250	303	272	10.20	cps
Silicon	28-1	8607326	8710582	8818171	8712026	1.21	cps
Silver	107-1	5148	5421	5464	5344	3.21	cps
Silver	109-1	4764	4991	4881	4879	2.32	cps
Sodium	23-2	77838	78479	77785	78034	0.49	cps
Strontium	86-1	102594	102832	102869	102765	0.15	cps
Strontium	88-1	897002	907516	911432	905316	0.82	cps
Sulfur	34-1	113867	116342	116782	115663	1.36	cps
Terbium	159-1	15638387	15522908	15526513	15562603	0.42	cps
Terbium	159-2	9678999	9600210	9681590	9653600	0.48	cps
Thallium	203-1	1633	1790	1713	1712	4.58	cps
Thallium	205-1	4181	4007	4297	4162	3.51	cps
Tin	118-1	7272	7002	6965	7080	2.37	cps
Titanium	47-1	565041	571233	574582	570285	0.85	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-22	Instrumnet Name :	P7
Client Sample ID :	MYD474	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 19:33:57	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15536	16060	16080	15892	1.94	cps
Vanadium	51-2	241018	236793	238517	238776	0.89	cps
Yttrium	89-1	12513382	12568841	12498336	12526853	0.30	cps
Yttrium	89-2	3050430	3023336	3040062	3037943	0.45	cps
Zinc	66-2	118723	118357	116983	118021	0.78	cps
Zirconium	90-1	72287	72662	72665	72538	0.30	cps
Zirconium	91-1	16423	16159	16760	16447	1.83	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:37:10	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517358	516843	510792	514998	0.71	cps
Antimony	121-1	1670	1813	1757	1747	4.13	cps
Arsenic	75-2	3470	3524	3674	3556	2.97	cps
Barium	135-1	229456	228871	231557	229961	0.61	cps
Barium	137-1	407481	399552	395727	400920	1.50	cps
Beryllium	9-1	405	415	401	407	1.78	cps
Bismuth	209-1	9388064	9454996	9649026	9497362	1.43	cps
Bismuth	209-2	6943611	6854370	7102491	6966824	1.80	cps
Bromine	81-1	7499	7785	7929	7738	2.83	cps
Bromine	81-2	140	140	150	143	4.03	cps
Cadmium	108-1	63	80	57	67	18.03	cps
Cadmium	106-1	3077	3004	2917	2999	2.67	cps
Cadmium	111-1	2793	2787	2706	2762	1.76	cps
Calcium	43-1	25909	26129	25802	25947	0.64	cps
Calcium	44-1	416969	422234	419604	419603	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32528	33731	33033	33097	1.82	cps
Cobalt	59-2	39609	39148	39612	39456	0.68	cps
Copper	63-2	75378	76367	75606	75784	0.68	cps
Dysprosium	156-1	14114	13737	14187	14013	1.72	cps
Dysprosium	156-2	10711	10758	10491	10653	1.34	cps
Erbium	164-1	10547	10534	10771	10617	1.25	cps
Erbium	164-2	6478	6648	6402	6509	1.94	cps
Gadolinium	160-1	12659	12539	12189	12462	1.96	cps
Gadolinium	160-2	8606	8299	8182	8363	2.62	cps
Holmium	165-1	15314928	15072542	15271464	15219645	0.85	cps
Holmium	165-2	9611298	9429398	9682727	9574474	1.36	cps
Indium	115-1	11503290	11457380	11561960	11507543	0.46	cps
Indium	115-2	3506088	3477436	3548877	3510800	1.02	cps
Iron	56-2	22945965	23012148	22703950	22887354	0.71	cps
Iron	57-2	592971	593050	587541	591187	0.53	cps
Iron	54-2	1308166	1297207	1289233	1298202	0.73	cps
Krypton	83-1	193	137	127	152	23.62	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:37:10	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	85953	87094	86989	86679	0.73	cps
Lead	207-1	76427	75297	73682	75135	1.84	cps
Lead	208-1	342825	346899	342392	344039	0.72	cps
Lithium	6-1	1773231	1841747	1829255	1814744	2.01	cps
Magnesium	24-2	521127	521804	518350	520427	0.35	cps
Manganese	55-2	1526201	1507855	1516431	1516829	0.61	cps
Molybdenum	94-1	5738	5531	5738	5669	2.11	cps
Molybdenum	95-1	1227	1237	1157	1207	3.61	cps
Molybdenum	96-1	2764	2550	2490	2601	5.52	cps
Molybdenum	97-1	760	773	790	774	1.94	cps
Molybdenum	98-1	2010	1940	1927	1959	2.29	cps
Neodymium	150-1	25366	25520	25162	25349	0.71	cps
Neodymium	150-2	13477	13216	12823	13172	2.50	cps
Nickel	60-2	15268	15371	15074	15238	0.99	cps
Phosphorus	31-2	2970	2977	2914	2954	1.18	cps
Potassium	39-2	463773	463676	458335	461928	0.67	cps
Rhodium	103-1	10607373	10557932	10453942	10539749	0.74	cps
Rhodium	103-2	5561063	5475128	5678071	5571420	1.83	cps
Scandium	45-1	5653149	5651678	5673582	5659470	0.22	cps
Scandium	45-2	460744	451499	466023	459422	1.60	cps
Selenium	82-1	345	415	423	394	10.88	cps
Selenium	77-2	20	33	30	28	24.98	cps
Selenium	78-2	153	163	153	157	3.69	cps
Silicon	28-1	8301010	8364537	8273159	8312902	0.56	cps
Silver	107-1	677	723	710	703	3.42	cps
Silver	109-1	653	653	670	659	1.46	cps
Sodium	23-2	24473	25151	25224	24949	1.66	cps
Strontium	86-1	25228	25442	24901	25190	1.08	cps
Strontium	88-1	225221	225669	221969	224286	0.90	cps
Sulfur	34-1	103373	102836	100622	102277	1.43	cps
Terbium	159-1	16133048	15746035	15641786	15840290	1.63	cps
Terbium	159-2	9528069	9229928	9587705	9448568	2.03	cps
Thallium	203-1	713	607	670	663	8.09	cps
Thallium	205-1	1540	1587	1580	1569	1.61	cps
Tin	118-1	3260	3257	2937	3151	5.89	cps
Titanium	47-1	186811	187239	185997	186682	0.34	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:37:10	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5218	5231	5194	5214	0.36	cps
Vanadium	51-2	57552	57305	56074	56977	1.39	cps
Yttrium	89-1	12323774	12212741	12460662	12332392	1.01	cps
Yttrium	89-2	2818551	2793054	2888861	2833489	1.75	cps
Zinc	66-2	19530	18986	19176	19230	1.44	cps
Zirconium	90-1	12682	13236	13483	13134	3.12	cps
Zirconium	91-1	3110	2840	2750	2900	6.46	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2D	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:40:25	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	503025	500249	497110	500128	0.59	cps
Antimony	121-1	1560	1743	1567	1623	6.41	cps
Arsenic	75-2	3164	3454	3360	3326	4.45	cps
Barium	135-1	222491	223611	223582	223228	0.29	cps
Barium	137-1	388778	392421	383137	388112	1.21	cps
Beryllium	9-1	390	320	396	369	11.43	cps
Bismuth	209-1	9301007	9250642	9487421	9346357	1.33	cps
Bismuth	209-2	6889167	6858366	6840093	6862542	0.36	cps
Bromine	81-1	7802	7825	7732	7787	0.62	cps
Bromine	81-2	127	107	137	123	12.39	cps
Cadmium	108-1	90	63	60	71	23.12	cps
Cadmium	106-1	3084	3080	2910	3025	3.28	cps
Cadmium	111-1	2719	2762	2622	2701	2.66	cps
Calcium	43-1	24717	24453	23665	24278	2.25	cps
Calcium	44-1	399622	405384	399612	401540	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32054	32672	32742	32489	1.17	cps
Cobalt	59-2	38152	38062	37784	37999	0.50	cps
Copper	63-2	73680	73884	73469	73678	0.28	cps
Dysprosium	156-1	13290	13500	13633	13474	1.29	cps
Dysprosium	156-2	10621	10377	10551	10516	1.19	cps
Erbium	164-1	10267	10240	10427	10312	0.98	cps
Erbium	164-2	6255	6392	6678	6442	3.36	cps
Gadolinium	160-1	12335	12022	11922	12093	1.78	cps
Gadolinium	160-2	8536	8423	8116	8358	2.60	cps
Holmium	165-1	14961176	15073209	14840717	14958367	0.78	cps
Holmium	165-2	9503897	9301733	9412375	9406002	1.08	cps
Indium	115-1	11364956	11411541	11280577	11352358	0.58	cps
Indium	115-2	3509589	3443979	3436411	3463326	1.16	cps
Iron	56-2	22223811	22092215	22049126	22121717	0.41	cps
Iron	57-2	575342	573050	573619	574004	0.21	cps
Iron	54-2	1263586	1256451	1251262	1257100	0.49	cps
Krypton	83-1	147	100	150	132	21.14	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2D	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:40:25	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	85573	85087	83974	84878	0.97	cps
Lead	207-1	73745	74023	72284	73351	1.27	cps
Lead	208-1	339952	339997	335267	338405	0.80	cps
Lithium	6-1	1806884	1832223	1811459	1816855	0.74	cps
Magnesium	24-2	507719	505449	505041	506070	0.29	cps
Manganese	55-2	1511111	1490094	1458819	1486675	1.77	cps
Molybdenum	94-1	5488	5311	5561	5453	2.36	cps
Molybdenum	95-1	1147	1147	1263	1186	5.68	cps
Molybdenum	96-1	2447	2510	2374	2444	2.80	cps
Molybdenum	97-1	703	703	747	718	3.49	cps
Molybdenum	98-1	1750	1943	1953	1882	6.09	cps
Neodymium	150-1	24612	24648	24171	24477	1.09	cps
Neodymium	150-2	12362	12629	13196	12729	3.35	cps
Nickel	60-2	15004	14804	14641	14816	1.23	cps
Phosphorus	31-2	2990	2990	3074	3018	1.59	cps
Potassium	39-2	450395	447085	446896	448125	0.44	cps
Rhodium	103-1	10499261	10191452	10180978	10290563	1.76	cps
Rhodium	103-2	5527745	5418317	5386543	5444202	1.36	cps
Scandium	45-1	5570005	5545732	5503522	5539753	0.61	cps
Scandium	45-2	446509	445703	439829	444014	0.82	cps
Selenium	82-1	384	443	406	411	7.27	cps
Selenium	77-2	40	37	40	39	4.94	cps
Selenium	78-2	183	193	150	176	12.93	cps
Silicon	28-1	7939939	7943899	7971376	7951738	0.22	cps
Silver	107-1	690	580	740	670	12.22	cps
Silver	109-1	520	640	650	603	11.99	cps
Sodium	23-2	21642	22189	22032	21955	1.28	cps
Strontium	86-1	24694	24000	24407	24367	1.43	cps
Strontium	88-1	214657	217430	214781	215623	0.73	cps
Sulfur	34-1	97767	97941	96864	97524	0.59	cps
Terbium	159-1	15492752	15310578	15277249	15360193	0.76	cps
Terbium	159-2	9258694	9284888	9242058	9261880	0.23	cps
Thallium	203-1	703	697	653	684	3.97	cps
Thallium	205-1	1680	1517	1570	1589	5.24	cps
Tin	118-1	2794	2787	2827	2803	0.76	cps
Titanium	47-1	177730	178940	178987	178553	0.40	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2D	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:40:25	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5188	5351	5214	5251	1.67	cps
Vanadium	51-2	55585	55826	54980	55464	0.79	cps
Yttrium	89-1	12061410	12008917	12077434	12049254	0.30	cps
Yttrium	89-2	2784642	2762733	2698845	2748740	1.62	cps
Zinc	66-2	18759	18555	18258	18524	1.36	cps
Zirconium	90-1	12302	12522	12309	12378	1.01	cps
Zirconium	91-1	2764	2914	2704	2794	3.87	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD3M2L	Dilution Factor :	20
Date & Time Acquired :	2024-09-29 19:43:41	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96021	96283	95716	96007	0.30	cps
Antimony	121-1	367	377	350	364	3.70	cps
Arsenic	75-2	700	553	650	634	11.75	cps
Barium	135-1	44252	44563	43436	44084	1.32	cps
Barium	137-1	75690	74809	72406	74302	2.29	cps
Beryllium	9-1	105	75	105	95	18.22	cps
Bismuth	209-1	9564550	9362007	9276095	9400884	1.58	cps
Bismuth	209-2	6807772	7084925	6825482	6906060	2.25	cps
Bromine	81-1	7815	7282	7705	7601	3.71	cps
Bromine	81-2	83	60	53	66	24.03	cps
Cadmium	108-1	17	7	23	16	53.90	cps
Cadmium	106-1	3084	2727	2687	2833	7.71	cps
Cadmium	111-1	2274	2021	2028	2107	6.83	cps
Calcium	43-1	4908	4764	4774	4815	1.66	cps
Calcium	44-1	82429	82483	80693	81868	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7432	7585	7552	7523	1.07	cps
Cobalt	59-2	7389	7452	7439	7426	0.45	cps
Copper	63-2	14811	14083	14447	14447	2.52	cps
Dysprosium	156-1	2647	2974	2564	2728	7.94	cps
Dysprosium	156-2	2110	1974	2197	2094	5.38	cps
Erbium	164-1	2237	2137	2030	2135	4.84	cps
Erbium	164-2	1227	1240	1233	1233	0.54	cps
Gadolinium	160-1	2484	2304	2337	2375	4.03	cps
Gadolinium	160-2	1933	2024	2034	1997	2.76	cps
Holmium	165-1	15105902	15295064	14657426	15019464	2.18	cps
Holmium	165-2	9276570	9562439	9283185	9374065	1.74	cps
Indium	115-1	11365650	11586954	11122145	11358250	2.05	cps
Indium	115-2	3448857	3520300	3419267	3462808	1.50	cps
Iron	56-2	4240219	4253958	4252149	4248775	0.18	cps
Iron	57-2	109092	110673	110207	109991	0.74	cps
Iron	54-2	242261	241746	241587	241865	0.15	cps
Krypton	83-1	120	120	133	124	6.19	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD3M2L	Dilution Factor :	20
Date & Time Acquired :	2024-09-29 19:43:41	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17428	17268	16804	17166	1.89	cps
Lead	207-1	14655	14705	14421	14593	1.04	cps
Lead	208-1	68321	67649	66059	67343	1.72	cps
Lithium	6-1	1858761	1763182	1793941	1805295	2.70	cps
Magnesium	24-2	97452	96661	97094	97069	0.41	cps
Manganese	55-2	290698	287158	288313	288723	0.63	cps
Molybdenum	94-1	1363	1390	1470	1408	3.94	cps
Molybdenum	95-1	477	453	437	456	4.41	cps
Molybdenum	96-1	687	740	750	726	4.69	cps
Molybdenum	97-1	330	290	280	300	8.82	cps
Molybdenum	98-1	790	800	717	769	5.92	cps
Neodymium	150-1	4798	4617	4647	4687	2.06	cps
Neodymium	150-2	2320	2484	2547	2450	4.77	cps
Nickel	60-2	3174	3284	3237	3231	1.71	cps
Phosphorus	31-2	553	540	593	562	4.94	cps
Potassium	39-2	110873	109849	110215	110313	0.47	cps
Rhodium	103-1	10320828	10211365	10002527	10178240	1.59	cps
Rhodium	103-2	5412720	5554958	5377227	5448301	1.73	cps
Scandium	45-1	5563067	5459013	5376947	5466343	1.71	cps
Scandium	45-2	437992	447690	433076	439586	1.69	cps
Selenium	82-1	389	424	411	408	4.43	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	190	120	137	149	24.56	cps
Silicon	28-1	1712002	1708189	1686956	1702382	0.79	cps
Silver	107-1	190	177	207	191	7.86	cps
Silver	109-1	163	147	110	140	19.49	cps
Sodium	23-2	10944	11131	10881	10985	1.18	cps
Strontium	86-1	4938	4894	4491	4774	5.16	cps
Strontium	88-1	41973	41579	40980	41511	1.20	cps
Sulfur	34-1	95083	93356	94007	94149	0.93	cps
Terbium	159-1	15401590	15200244	14916392	15172742	1.61	cps
Terbium	159-2	9282954	9421435	9145751	9283380	1.48	cps
Thallium	203-1	230	150	173	184	22.30	cps
Thallium	205-1	413	450	303	389	19.63	cps
Tin	118-1	1150	1163	1217	1177	3.00	cps
Titanium	47-1	34977	35325	34239	34847	1.59	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD3M2L	Dilution Factor :	20
Date & Time Acquired :	2024-09-29 19:43:41	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	987	940	920	949	3.61	cps
Vanadium	51-2	10801	10480	10417	10566	1.95	cps
Yttrium	89-1	12085716	11745705	11617767	11816396	2.05	cps
Yttrium	89-2	2718848	2786892	2692047	2732596	1.79	cps
Zinc	66-2	3827	3771	3941	3846	2.25	cps
Zirconium	90-1	2767	2984	3010	2920	4.57	cps
Zirconium	91-1	643	657	607	636	4.07	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2S	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:46:56	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	524821	518128	519231	520727	0.69	cps
Antimony	121-1	105066	106027	105010	105368	0.54	cps
Arsenic	75-2	5068	5094	4974	5045	1.25	cps
Barium	135-1	742703	741154	750127	744661	0.64	cps
Barium	137-1	1301326	1288932	1278287	1289515	0.89	cps
Beryllium	9-1	8117	8111	7854	8027	1.87	cps
Bismuth	209-1	8844288	8873238	9129517	8949014	1.75	cps
Bismuth	209-2	6750892	6748062	6726542	6741832	0.20	cps
Bromine	81-1	7375	7479	7615	7490	1.61	cps
Bromine	81-2	120	140	107	122	13.73	cps
Cadmium	108-1	923	887	893	901	2.17	cps
Cadmium	106-1	3911	4037	4054	4001	1.96	cps
Cadmium	111-1	15204	15331	15569	15368	1.20	cps
Calcium	43-1	24216	23999	23588	23934	1.33	cps
Calcium	44-1	385196	389277	390097	388190	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98157	96919	98207	97761	0.75	cps
Cobalt	59-2	292190	290871	290233	291098	0.34	cps
Copper	63-2	157461	155313	156127	156300	0.69	cps
Dysprosium	156-1	13580	13283	13700	13521	1.59	cps
Dysprosium	156-2	10180	10294	10354	10276	0.86	cps
Erbium	164-1	9567	9824	10297	9896	3.74	cps
Erbium	164-2	6342	6301	6275	6306	0.53	cps
Gadolinium	160-1	11732	11955	11505	11731	1.92	cps
Gadolinium	160-2	8379	8116	8293	8262	1.63	cps
Holmium	165-1	14489614	14232817	14418510	14380314	0.92	cps
Holmium	165-2	9283853	9266696	9259680	9270076	0.13	cps
Indium	115-1	10817600	10905700	10916562	10879954	0.50	cps
Indium	115-2	3393825	3408270	3375750	3392615	0.48	cps
Iron	56-2	22009212	21790932	21672937	21824361	0.78	cps
Iron	57-2	563650	564608	562217	563492	0.21	cps
Iron	54-2	1247946	1236301	1242755	1242334	0.47	cps
Krypton	83-1	93	107	133	111	18.33	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2S	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:46:56	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	96976	97842	100871	98563	2.07	cps
Lead	207-1	86798	84859	84567	85408	1.42	cps
Lead	208-1	385302	390255	391253	388937	0.82	cps
Lithium	6-1	1755650	1795045	1784620	1778438	1.15	cps
Magnesium	24-2	494236	486927	490588	490584	0.74	cps
Manganese	55-2	1583774	1590298	1582005	1585359	0.28	cps
Molybdenum	94-1	5248	5775	5054	5359	6.96	cps
Molybdenum	95-1	1220	1170	1210	1200	2.20	cps
Molybdenum	96-1	2587	2564	2314	2488	6.09	cps
Molybdenum	97-1	647	647	713	669	5.75	cps
Molybdenum	98-1	1973	1887	1827	1896	3.89	cps
Neodymium	150-1	22922	24014	24742	23893	3.83	cps
Neodymium	150-2	12482	12906	12666	12685	1.68	cps
Nickel	60-2	78836	78048	78930	78605	0.62	cps
Phosphorus	31-2	2797	2737	2747	2760	1.16	cps
Potassium	39-2	436132	430591	436214	434312	0.74	cps
Rhodium	103-1	9911240	9791742	9795198	9832727	0.69	cps
Rhodium	103-2	5317380	5359085	5284852	5320439	0.70	cps
Scandium	45-1	5255376	5223550	5282647	5253858	0.56	cps
Scandium	45-2	433679	431438	431357	432158	0.30	cps
Selenium	82-1	2314	2232	2222	2256	2.24	cps
Selenium	77-2	200	173	223	199	12.58	cps
Selenium	78-2	597	727	797	707	14.36	cps
Silicon	28-1	7780075	7840269	7822404	7814249	0.40	cps
Silver	107-1	61928	63120	64000	63016	1.65	cps
Silver	109-1	58979	59813	58701	59164	0.98	cps
Sodium	23-2	19599	19940	19746	19762	0.86	cps
Strontium	86-1	24230	23382	23542	23718	1.90	cps
Strontium	88-1	208415	211380	208469	209421	0.81	cps
Sulfur	34-1	94584	93215	91881	93226	1.45	cps
Terbium	159-1	15091600	14666808	14724792	14827733	1.55	cps
Terbium	159-2	9204279	9197106	9159477	9186954	0.26	cps
Thallium	203-1	47924	47034	46780	47246	1.27	cps
Thallium	205-1	111287	114674	110706	112222	1.91	cps
Tin	118-1	2670	2607	2894	2724	5.53	cps
Titanium	47-1	178999	173019	173586	175201	1.88	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2S	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:46:56	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4998	4958	4898	4951	1.02	cps
Vanadium	51-2	200240	200371	198078	199563	0.65	cps
Yttrium	89-1	11330542	11426023	11686349	11480971	1.60	cps
Yttrium	89-2	2723885	2700638	2708333	2710952	0.44	cps
Zinc	66-2	48325	47863	47813	48000	0.59	cps
Zirconium	90-1	12135	12479	12489	12367	1.63	cps
Zirconium	91-1	2874	2737	2730	2780	2.91	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:50:12	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	646613	643048	645672	645111	0.29	cps
Antimony	121-1	514372	506455	504869	508565	1.00	cps
Arsenic	75-2	12162	12365	11908	12145	1.89	cps
Barium	135-1	3037490	3010479	2977885	3008618	0.99	cps
Barium	137-1	5294258	5122518	5165780	5194186	1.72	cps
Beryllium	9-1	38299	37977	37944	38073	0.51	cps
Bismuth	209-1	9119693	8908577	9007600	9011957	1.17	cps
Bismuth	209-2	6752162	6700840	6620984	6691329	0.99	cps
Bromine	81-1	7725	7529	7579	7611	1.34	cps
Bromine	81-2	107	140	130	126	13.62	cps
Cadmium	108-1	4241	3931	4237	4136	4.31	cps
Cadmium	106-1	8899	8593	8459	8650	2.61	cps
Cadmium	111-1	67178	65393	65771	66114	1.42	cps
Calcium	43-1	23164	23141	23064	23123	0.23	cps
Calcium	44-1	381979	376527	374626	377711	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	353778	356293	355125	355065	0.35	cps
Cobalt	59-2	1297304	1298829	1286784	1294306	0.51	cps
Copper	63-2	491829	493646	494043	493173	0.24	cps
Dysprosium	156-1	13350	13059	13540	13316	1.82	cps
Dysprosium	156-2	10424	10307	10097	10276	1.61	cps
Erbium	164-1	9834	9523	9577	9645	1.72	cps
Erbium	164-2	6321	6428	6135	6295	2.36	cps
Gadolinium	160-1	11562	11655	11488	11568	0.72	cps
Gadolinium	160-2	7956	7969	7836	7920	0.93	cps
Holmium	165-1	14811112	14192136	14325063	14442770	2.26	cps
Holmium	165-2	9301619	9247252	9105652	9218174	1.10	cps
Indium	115-1	11178179	10887372	10883706	10983086	1.54	cps
Indium	115-2	3344103	3345454	3374563	3354707	0.51	cps
Iron	56-2	22492171	22485855	22268525	22415517	0.57	cps
Iron	57-2	584851	584097	585058	584669	0.09	cps
Iron	54-2	1288851	1291979	1284646	1288492	0.29	cps
Krypton	83-1	120	137	157	138	13.33	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:50:12	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	159605	157183	157584	158124	0.82	cps
Lead	207-1	137470	137544	135538	136851	0.83	cps
Lead	208-1	632332	621196	622038	625188	0.99	cps
Lithium	6-1	1782627	1779638	1770853	1777706	0.34	cps
Magnesium	24-2	477966	479398	477670	478345	0.19	cps
Manganese	55-2	2064322	2064090	2047623	2058678	0.47	cps
Molybdenum	94-1	5394	5124	5158	5225	2.82	cps
Molybdenum	95-1	1170	1197	1307	1225	5.92	cps
Molybdenum	96-1	2314	2394	2370	2359	1.74	cps
Molybdenum	97-1	787	827	720	778	6.93	cps
Molybdenum	98-1	1753	1947	2137	1946	9.85	cps
Neodymium	150-1	23520	23283	23226	23343	0.67	cps
Neodymium	150-2	12245	12656	12512	12471	1.67	cps
Nickel	60-2	336230	334256	329981	333489	0.96	cps
Phosphorus	31-2	2924	2640	2800	2788	5.10	cps
Potassium	39-2	425913	427158	424558	425876	0.31	cps
Rhodium	103-1	10112377	9816182	9799198	9909252	1.78	cps
Rhodium	103-2	5276992	5252622	5286238	5271951	0.33	cps
Scandium	45-1	5389420	5258768	5199124	5282437	1.84	cps
Scandium	45-2	427998	427585	426245	427276	0.21	cps
Selenium	82-1	7798	7663	7738	7733	0.88	cps
Selenium	77-2	570	680	587	612	9.68	cps
Selenium	78-2	2570	2274	2190	2345	8.52	cps
Silicon	28-1	7695350	7715948	7563083	7658127	1.08	cps
Silver	107-1	310472	306931	304761	307388	0.94	cps
Silver	109-1	295950	291785	289540	292425	1.11	cps
Sodium	23-2	17724	18087	18474	18095	2.08	cps
Strontium	86-1	23849	23332	23305	23495	1.31	cps
Strontium	88-1	207398	205644	204460	205834	0.72	cps
Sulfur	34-1	93302	90680	92089	92024	1.43	cps
Terbium	159-1	15227452	14864399	14902572	14998141	1.33	cps
Terbium	159-2	9084181	9044637	8958826	9029215	0.71	cps
Thallium	203-1	233098	227610	228163	229624	1.32	cps
Thallium	205-1	550158	540100	540610	543623	1.04	cps
Tin	118-1	2804	2524	2530	2619	6.10	cps
Titanium	47-1	172665	169810	167580	170019	1.50	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2747-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD3M2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:50:12	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5041	4894	4894	4943	1.71	cps
Vanadium	51-2	760914	766022	763974	763637	0.34	cps
Yttrium	89-1	11656631	11484204	11377394	11506076	1.22	cps
Yttrium	89-2	2674653	2682135	2699660	2685483	0.48	cps
Zinc	66-2	166502	166024	167500	166676	0.45	cps
Zirconium	90-1	12465	12085	11875	12142	2.46	cps
Zirconium	91-1	2760	3017	2897	2891	4.44	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:53:23	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1355548	1317306	1310564	1327806	1.83	cps
Antimony	121-1	1743	1807	2094	1881	9.91	cps
Arsenic	75-2	8462	8019	8406	8296	2.91	cps
Barium	135-1	148818	143766	143690	145425	2.02	cps
Barium	137-1	249824	256767	255488	254026	1.45	cps
Beryllium	9-1	479	517	367	455	17.14	cps
Bismuth	209-1	9018485	8720936	8813965	8851129	1.72	cps
Bismuth	209-2	6775888	6767084	6678279	6740417	0.80	cps
Bromine	81-1	7042	7529	7319	7296	3.35	cps
Bromine	81-2	107	93	100	100	6.67	cps
Cadmium	108-1	63	57	73	64	13.01	cps
Cadmium	106-1	3040	2894	2847	2927	3.45	cps
Cadmium	111-1	2807	2616	2558	2660	4.90	cps
Calcium	43-1	67080	67677	68407	67721	0.98	cps
Calcium	44-1	1087711	1094657	1093847	1092071	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22276	22140	22313	22243	0.41	cps
Cobalt	59-2	31403	30952	30698	31018	1.15	cps
Copper	63-2	133260	134070	133748	133693	0.31	cps
Dysprosium	156-1	13987	13580	13767	13778	1.48	cps
Dysprosium	156-2	10521	10120	10080	10240	2.38	cps
Erbium	164-1	12976	12479	12309	12588	2.75	cps
Erbium	164-2	8092	7622	7846	7853	3.00	cps
Gadolinium	160-1	13650	14081	14027	13919	1.69	cps
Gadolinium	160-2	9580	9620	9050	9417	3.38	cps
Holmium	165-1	14867786	14181041	14240404	14429744	2.64	cps
Holmium	165-2	9296472	9323389	9229027	9282963	0.52	cps
Indium	115-1	11115060	10899285	10824589	10946311	1.38	cps
Indium	115-2	3437503	3420612	3418007	3425374	0.31	cps
Iron	56-2	44089878	43734806	43611476	43812053	0.57	cps
Iron	57-2	1144387	1141344	1139805	1141845	0.20	cps
Iron	54-2	2422001	2421301	2387878	2410393	0.81	cps
Krypton	83-1	107	97	107	103	5.59	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:53:23	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	97315	95288	94092	95565	1.70	cps
Lead	207-1	85345	85436	86667	85816	0.86	cps
Lead	208-1	382832	384387	383550	383590	0.20	cps
Lithium	6-1	1774238	1782145	1751214	1769199	0.91	cps
Magnesium	24-2	842909	834066	834126	837033	0.61	cps
Manganese	55-2	760772	751865	755130	755922	0.60	cps
Molybdenum	94-1	7765	7896	7435	7699	3.08	cps
Molybdenum	95-1	1033	987	970	997	3.29	cps
Molybdenum	96-1	3164	3037	2947	3049	3.57	cps
Molybdenum	97-1	640	587	660	629	6.03	cps
Molybdenum	98-1	1580	1680	1600	1620	3.27	cps
Neodymium	150-1	22985	23196	23847	23343	1.92	cps
Neodymium	150-2	12352	12312	12576	12413	1.14	cps
Nickel	60-2	10771	10350	11004	10708	3.09	cps
Phosphorus	31-2	3314	3280	3207	3267	1.67	cps
Potassium	39-2	307170	306286	303774	305744	0.58	cps
Rhodium	103-1	9911644	9794794	9745721	9817386	0.87	cps
Rhodium	103-2	5323346	5269834	5310047	5301076	0.53	cps
Scandium	45-1	5375000	5363087	5257534	5331874	1.21	cps
Scandium	45-2	437441	437391	435850	436894	0.21	cps
Selenium	82-1	469	461	448	459	2.32	cps
Selenium	77-2	30	23	23	26	15.07	cps
Selenium	78-2	153	147	140	147	4.55	cps
Silicon	28-1	4753405	4715622	4767603	4745543	0.57	cps
Silver	107-1	1293	1190	1217	1233	4.35	cps
Silver	109-1	1317	1087	1083	1162	11.51	cps
Sodium	23-2	27114	26917	26843	26958	0.52	cps
Strontium	86-1	34143	34009	34039	34064	0.21	cps
Strontium	88-1	295873	302358	303057	300429	1.32	cps
Sulfur	34-1	90194	92699	92984	91959	1.67	cps
Terbium	159-1	14775921	14826976	14855931	14819610	0.27	cps
Terbium	159-2	9192224	9201537	9148248	9180670	0.31	cps
Thallium	203-1	520	517	397	478	14.71	cps
Thallium	205-1	1153	990	1023	1056	8.18	cps
Tin	118-1	3080	2984	3104	3056	2.08	cps
Titanium	47-1	142900	142961	141359	142407	0.64	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:53:23	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3664	3631	3604	3633	0.83	cps
Vanadium	51-2	78593	79501	78640	78911	0.65	cps
Yttrium	89-1	11617816	11481857	11489943	11529872	0.66	cps
Yttrium	89-2	2723086	2738687	2726477	2729417	0.30	cps
Zinc	66-2	33922	33183	33855	33653	1.21	cps
Zirconium	90-1	19076	19083	19470	19209	1.17	cps
Zirconium	91-1	6791	4194	4224	5070	29.41	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459D	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:56:55	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1341914	1311116	1324844	1325958	1.16	cps
Antimony	121-1	1600	1673	1823	1699	6.70	cps
Arsenic	75-2	8002	8272	8379	8218	2.36	cps
Barium	135-1	146700	144673	147122	146165	0.90	cps
Barium	137-1	253210	255717	250377	253101	1.06	cps
Beryllium	9-1	456	450	433	446	2.68	cps
Bismuth	209-1	8868722	8836400	8930554	8878559	0.54	cps
Bismuth	209-2	6771746	6730788	6593325	6698619	1.40	cps
Bromine	81-1	6952	6958	7295	7068	2.78	cps
Bromine	81-2	110	100	87	99	11.84	cps
Cadmium	108-1	100	80	90	90	11.11	cps
Cadmium	106-1	2980	2827	2810	2873	3.26	cps
Cadmium	111-1	2646	2550	2574	2590	1.94	cps
Calcium	43-1	67054	67358	67603	67338	0.41	cps
Calcium	44-1	1076030	1084281	1083667	1081326	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22624	22934	22917	22825	0.76	cps
Cobalt	59-2	31917	31844	31463	31741	0.77	cps
Copper	63-2	86609	86163	87708	86827	0.92	cps
Dysprosium	156-1	13483	13567	13957	13669	1.85	cps
Dysprosium	156-2	10010	10267	10414	10230	2.00	cps
Erbium	164-1	12589	12449	12512	12517	0.56	cps
Erbium	164-2	7746	8169	7882	7932	2.73	cps
Gadolinium	160-1	13470	13930	13363	13588	2.22	cps
Gadolinium	160-2	9807	9353	9653	9604	2.40	cps
Holmium	165-1	14824685	14212610	14529590	14522295	2.11	cps
Holmium	165-2	9304021	9172829	9184515	9220455	0.79	cps
Indium	115-1	11185087	10791416	11005974	10994159	1.79	cps
Indium	115-2	3433596	3397057	3373000	3401218	0.90	cps
Iron	56-2	44268584	43809788	43823141	43967171	0.59	cps
Iron	57-2	1141225	1139020	1138335	1139527	0.13	cps
Iron	54-2	2433684	2408446	2373319	2405150	1.26	cps
Krypton	83-1	107	153	80	113	32.75	cps

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459D	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:56:55	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	96167	93002	95771	94980	1.82	cps
Lead	207-1	84772	86000	84048	84940	1.16	cps
Lead	208-1	378551	380763	378692	379335	0.33	cps
Lithium	6-1	1751171	1748343	1756132	1751882	0.23	cps
Magnesium	24-2	840299	839410	831529	837079	0.58	cps
Manganese	55-2	759244	752540	755449	755744	0.44	cps
Molybdenum	94-1	7739	7709	7485	7644	1.81	cps
Molybdenum	95-1	897	953	830	893	6.91	cps
Molybdenum	96-1	2817	2954	2870	2880	2.39	cps
Molybdenum	97-1	507	523	483	504	3.98	cps
Molybdenum	98-1	1510	1330	1403	1415	6.40	cps
Neodymium	150-1	22808	22775	23490	23024	1.75	cps
Neodymium	150-2	12736	12145	12439	12440	2.37	cps
Nickel	60-2	8232	7795	7935	7988	2.79	cps
Phosphorus	31-2	3307	3214	3294	3271	1.54	cps
Potassium	39-2	307678	306364	306419	306820	0.24	cps
Rhodium	103-1	9988175	10004668	9936067	9976303	0.36	cps
Rhodium	103-2	5354804	5291712	5257447	5301321	0.93	cps
Scandium	45-1	5431546	5379722	5424385	5411884	0.52	cps
Scandium	45-2	442111	439912	440778	440934	0.25	cps
Selenium	82-1	377	395	498	423	15.38	cps
Selenium	77-2	27	33	33	31	12.36	cps
Selenium	78-2	227	137	120	161	35.62	cps
Silicon	28-1	4731700	4730020	4745379	4735700	0.18	cps
Silver	107-1	1037	983	957	992	4.11	cps
Silver	109-1	937	980	897	938	4.44	cps
Sodium	23-2	25845	25555	26453	25951	1.77	cps
Strontium	86-1	34330	33518	33712	33853	1.25	cps
Strontium	88-1	296175	298603	297406	297395	0.41	cps
Sulfur	34-1	93074	94097	93849	93674	0.57	cps
Terbium	159-1	14932935	15268461	14638117	14946504	2.11	cps
Terbium	159-2	9223750	9180113	9126673	9176845	0.53	cps
Thallium	203-1	350	383	387	373	5.43	cps
Thallium	205-1	1060	997	907	988	7.80	cps
Tin	118-1	2420	2400	2340	2387	1.74	cps
Titanium	47-1	144973	145504	147093	145857	0.76	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459D	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 19:56:55	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3631	3704	3551	3628	2.11	cps
Vanadium	51-2	79645	78157	79974	79259	1.22	cps
Yttrium	89-1	11583386	11532801	11611164	11575784	0.34	cps
Yttrium	89-2	2745990	2747050	2721912	2738317	0.52	cps
Zinc	66-2	33267	32946	32703	32972	0.86	cps
Zirconium	90-1	19536	19193	19249	19326	0.95	cps
Zirconium	91-1	4457	4214	4114	4262	4.14	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD459L	Dilution Factor :	20
Date & Time Acquired :	2024-09-29 20:01:39	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	265631	262630	264379	264213	0.57	cps
Antimony	121-1	413	333	380	376	10.70	cps
Arsenic	75-2	1757	1707	1640	1701	3.44	cps
Barium	135-1	28368	28392	28469	28409	0.18	cps
Barium	137-1	49619	49897	49135	49550	0.78	cps
Beryllium	9-1	88	99	145	111	27.36	cps
Bismuth	209-1	9059901	8928264	8879794	8955986	1.04	cps
Bismuth	209-2	6823713	6738697	6780820	6781077	0.63	cps
Bromine	81-1	6958	7122	7425	7168	3.31	cps
Bromine	81-2	57	47	63	56	15.09	cps
Cadmium	108-1	10	33	10	18	75.77	cps
Cadmium	106-1	2640	2634	2647	2640	0.25	cps
Cadmium	111-1	1978	1930	2006	1971	1.94	cps
Calcium	43-1	13553	13846	13706	13702	1.07	cps
Calcium	44-1	220060	220796	219312	220056	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5691	5955	6095	5913	3.46	cps
Cobalt	59-2	6371	6378	6478	6409	0.93	cps
Copper	63-2	20117	19650	20277	20015	1.63	cps
Dysprosium	156-1	2697	2797	2634	2709	3.04	cps
Dysprosium	156-2	2187	2020	1963	2057	5.65	cps
Erbium	164-1	2547	2574	2477	2532	1.97	cps
Erbium	164-2	1573	1550	1553	1559	0.81	cps
Gadolinium	160-1	2640	2710	2680	2677	1.31	cps
Gadolinium	160-2	2220	2137	2257	2205	2.79	cps
Holmium	165-1	14506219	14341552	14288462	14378744	0.79	cps
Holmium	165-2	9287169	9153709	9236557	9225812	0.73	cps
Indium	115-1	10931946	10977471	10896946	10935454	0.37	cps
Indium	115-2	3447433	3492433	3445335	3461734	0.77	cps
Iron	56-2	8709697	8653129	8548874	8637233	0.94	cps
Iron	57-2	225412	224157	223205	224258	0.49	cps
Iron	54-2	493353	492985	486626	490988	0.77	cps
Krypton	83-1	137	80	120	112	25.95	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD459L	Dilution Factor :	20
Date & Time Acquired :	2024-09-29 20:01:39	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18840	19103	19000	18981	0.70	cps
Lead	207-1	17371	17365	16911	17215	1.53	cps
Lead	208-1	77085	75959	76301	76448	0.76	cps
Lithium	6-1	1776981	1768924	1773992	1773299	0.23	cps
Magnesium	24-2	163996	162481	163804	163427	0.50	cps
Manganese	55-2	149733	148400	148413	148848	0.51	cps
Molybdenum	94-1	1660	1827	1710	1732	4.94	cps
Molybdenum	95-1	383	460	420	421	9.11	cps
Molybdenum	96-1	927	877	910	904	2.81	cps
Molybdenum	97-1	247	240	287	258	9.79	cps
Molybdenum	98-1	667	620	747	678	9.45	cps
Neodymium	150-1	4664	4671	4674	4670	0.11	cps
Neodymium	150-2	2394	2320	2590	2435	5.74	cps
Nickel	60-2	1963	1967	2003	1978	1.12	cps
Phosphorus	31-2	763	723	713	733	3.61	cps
Potassium	39-2	84261	85186	84177	84542	0.66	cps
Rhodium	103-1	10163924	10113710	10103025	10126886	0.32	cps
Rhodium	103-2	5392965	5389368	5404720	5395684	0.15	cps
Scandium	45-1	5445616	5358813	5399958	5401463	0.80	cps
Scandium	45-2	438254	440387	440716	439785	0.30	cps
Selenium	82-1	372	418	420	403	6.67	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	183	140	153	159	13.97	cps
Silicon	28-1	1042444	1043849	1044535	1043609	0.10	cps
Silver	107-1	293	243	230	256	13.07	cps
Silver	109-1	223	193	167	194	14.58	cps
Sodium	23-2	11004	10630	10807	10814	1.73	cps
Strontium	86-1	6728	6652	6995	6792	2.65	cps
Strontium	88-1	58948	59453	59577	59326	0.56	cps
Sulfur	34-1	96264	95925	96304	96165	0.22	cps
Terbium	159-1	14944746	14862371	14684891	14830669	0.90	cps
Terbium	159-2	9093964	9117360	9215113	9142146	0.70	cps
Thallium	203-1	150	153	97	133	23.85	cps
Thallium	205-1	337	317	360	338	6.42	cps
Tin	118-1	1043	1087	983	1038	5.00	cps
Titanium	47-1	28717	29592	28540	28950	1.95	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD459L	Dilution Factor :	20
Date & Time Acquired :	2024-09-29 20:01:39	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	793	867	650	770	14.31	cps
Vanadium	51-2	15802	15662	15308	15590	1.63	cps
Yttrium	89-1	11647925	11572040	11477325	11565763	0.74	cps
Yttrium	89-2	2774845	2725906	2725727	2742159	1.03	cps
Zinc	66-2	6602	6978	6925	6835	2.98	cps
Zirconium	90-1	3907	4271	4344	4174	5.60	cps
Zirconium	91-1	823	947	933	901	7.51	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459S	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 20:04:57	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1379401	1354234	1326776	1353470	1.94	cps
Antimony	121-1	103945	104117	105554	104539	0.84	cps
Arsenic	75-2	9983	10023	10204	10070	1.16	cps
Barium	135-1	674299	658416	663344	665353	1.22	cps
Barium	137-1	1141502	1161419	1162691	1155204	1.03	cps
Beryllium	9-1	8054	7996	7915	7988	0.87	cps
Bismuth	209-1	9007204	8709926	8836525	8851219	1.69	cps
Bismuth	209-2	6825857	6708353	6781111	6771774	0.88	cps
Bromine	81-1	7212	7649	7459	7440	2.94	cps
Bromine	81-2	87	90	93	90	3.70	cps
Cadmium	108-1	940	853	907	900	4.86	cps
Cadmium	106-1	4127	4211	4131	4156	1.14	cps
Cadmium	111-1	15280	15670	15490	15480	1.26	cps
Calcium	43-1	65447	67780	67516	66914	1.91	cps
Calcium	44-1	1080532	1084053	1075394	1079993	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90248	90114	89198	89853	0.64	cps
Cobalt	59-2	292853	289502	287886	290080	0.87	cps
Copper	63-2	175441	174949	172309	174233	0.97	cps
Dysprosium	156-1	13640	13743	13256	13547	1.89	cps
Dysprosium	156-2	10334	10070	10334	10246	1.48	cps
Erbium	164-1	12225	12492	12285	12334	1.14	cps
Erbium	164-2	8192	8132	7672	7999	3.56	cps
Gadolinium	160-1	13377	13810	14207	13798	3.01	cps
Gadolinium	160-2	9593	9650	9100	9448	3.20	cps
Holmium	165-1	14739588	14215927	14296030	14417181	1.96	cps
Holmium	165-2	9458069	9312714	9322169	9364317	0.87	cps
Indium	115-1	11213199	10832483	10850313	10965332	1.96	cps
Indium	115-2	3480047	3467428	3448679	3465385	0.46	cps
Iron	56-2	44006939	44220939	43870846	44032908	0.40	cps
Iron	57-2	1151307	1148239	1141101	1146882	0.46	cps
Iron	54-2	2423933	2441337	2353238	2406169	1.94	cps
Krypton	83-1	137	100	133	123	16.44	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459S	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 20:04:57	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	109391	105915	106966	107424	1.66	cps
Lead	207-1	96452	96694	96123	96423	0.30	cps
Lead	208-1	432227	433822	434688	433579	0.29	cps
Lithium	6-1	1796877	1768024	1757364	1774088	1.15	cps
Magnesium	24-2	835458	831789	825911	831053	0.58	cps
Manganese	55-2	886051	883728	884963	884914	0.13	cps
Molybdenum	94-1	7245	7322	7649	7405	2.89	cps
Molybdenum	95-1	920	863	903	896	3.25	cps
Molybdenum	96-1	2980	2980	2894	2951	1.70	cps
Molybdenum	97-1	677	603	613	631	6.30	cps
Molybdenum	98-1	1517	1433	1457	1469	2.93	cps
Neodymium	150-1	23239	23009	22772	23007	1.02	cps
Neodymium	150-2	12823	12152	11952	12309	3.71	cps
Nickel	60-2	74447	73864	72769	73693	1.16	cps
Phosphorus	31-2	3224	3264	3407	3298	2.92	cps
Potassium	39-2	307932	306691	303964	306196	0.66	cps
Rhodium	103-1	10075216	9891959	9913907	9960361	1.00	cps
Rhodium	103-2	5450407	5443950	5432125	5442161	0.17	cps
Scandium	45-1	5478745	5409614	5408367	5432242	0.74	cps
Scandium	45-2	447447	446650	445531	446543	0.22	cps
Selenium	82-1	2168	2264	2258	2230	2.41	cps
Selenium	77-2	243	190	177	203	17.35	cps
Selenium	78-2	637	697	663	666	4.52	cps
Silicon	28-1	4730127	4716395	4741392	4729305	0.26	cps
Silver	107-1	62390	62263	63257	62637	0.86	cps
Silver	109-1	57306	60418	60070	59265	2.88	cps
Sodium	23-2	23889	24319	24236	24148	0.95	cps
Strontium	86-1	33625	34160	34390	34058	1.15	cps
Strontium	88-1	291741	300303	298519	296854	1.52	cps
Sulfur	34-1	98209	97341	96338	97296	0.96	cps
Terbium	159-1	14963954	14959579	14819541	14914358	0.55	cps
Terbium	159-2	9335192	9261718	9178479	9258463	0.85	cps
Thallium	203-1	45158	45439	46817	45804	1.94	cps
Thallium	205-1	108726	109375	109986	109362	0.58	cps
Tin	118-1	2297	2140	3467	2635	27.53	cps
Titanium	47-1	144751	144058	144697	144502	0.27	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459S	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 20:04:57	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3597	3504	3504	3535	1.52	cps
Vanadium	51-2	226487	229238	226112	227279	0.75	cps
Yttrium	89-1	11878713	11548271	11668303	11698429	1.43	cps
Yttrium	89-2	2774079	2795581	2773687	2781116	0.45	cps
Zinc	66-2	63012	63139	62624	62925	0.43	cps
Zirconium	90-1	19143	18645	19046	18944	1.39	cps
Zirconium	91-1	4144	4221	4564	4310	5.19	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459SRE	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 20:08:10	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1475755	1426667	1443390	1448604	1.72	cps
Antimony	121-1	505678	505691	504705	505358	0.11	cps
Arsenic	75-2	17240	17037	16699	16992	1.61	cps
Barium	135-1	2885539	2874761	2878722	2879674	0.19	cps
Barium	137-1	4920341	4986118	4932299	4946253	0.71	cps
Beryllium	9-1	37256	37420	38298	37658	1.49	cps
Bismuth	209-1	8971283	8827597	8677106	8825328	1.67	cps
Bismuth	209-2	5071010	6963799	6720611	6251807	16.47	cps
Bromine	81-1	7732	7329	7652	7571	2.82	cps
Bromine	81-2	80	123	80	94	26.49	cps
Cadmium	108-1	4327	4254	4177	4253	1.76	cps
Cadmium	106-1	8743	8359	8679	8594	2.39	cps
Cadmium	111-1	65036	64912	65806	65251	0.74	cps
Calcium	43-1	66230	64292	64359	64960	1.69	cps
Calcium	44-1	1062301	1056815	1054481	1057866	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	351952	345144	346230	347775	1.05	cps
Cobalt	59-2	1304283	1269735	1273035	1282351	1.49	cps
Copper	63-2	517358	505668	506019	509682	1.30	cps
Dysprosium	156-1	13316	13193	13503	13338	1.17	cps
Dysprosium	156-2	9964	10160	10174	10099	1.17	cps
Erbium	164-1	12192	12376	11952	12173	1.75	cps
Erbium	164-2	7912	7779	7796	7829	0.93	cps
Gadolinium	160-1	13146	13016	13006	13056	0.60	cps
Gadolinium	160-2	9433	9373	8636	9148	4.85	cps
Holmium	165-1	14471581	14199533	14230167	14300427	1.04	cps
Holmium	165-2	7009618	9595189	9275369	8626725	16.34	cps
Indium	115-1	11061130	10916205	10755634	10910990	1.40	cps
Indium	115-2	2545903	3535025	3407126	3162685	17.01	cps
Iron	56-2	44904943	43939731	44278873	44374515	1.10	cps
Iron	57-2	1165214	1142926	1144083	1150741	1.09	cps
Iron	54-2	2465982	2413253	2423066	2434100	1.15	cps
Krypton	83-1	113	120	137	123	9.75	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459SRE	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 20:08:10	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	164892	167299	165942	166044	0.73	cps
Lead	207-1	146341	146628	146375	146448	0.11	cps
Lead	208-1	659928	665963	662048	662646	0.46	cps
Lithium	6-1	1775203	1785402	1765356	1775320	0.56	cps
Magnesium	24-2	819909	803381	805599	809630	1.11	cps
Manganese	55-2	1347130	1344006	1343497	1344878	0.15	cps
Molybdenum	94-1	7509	7585	7405	7500	1.20	cps
Molybdenum	95-1	900	1023	1030	984	7.44	cps
Molybdenum	96-1	2964	2954	3007	2975	0.95	cps
Molybdenum	97-1	563	530	573	556	4.08	cps
Molybdenum	98-1	1530	1543	1477	1517	2.33	cps
Neodymium	150-1	22278	22745	22638	22554	1.09	cps
Neodymium	150-2	12215	12085	11812	12037	1.71	cps
Nickel	60-2	329546	323768	322859	325391	1.11	cps
Phosphorus	31-2	3370	2997	3210	3193	5.87	cps
Potassium	39-2	299432	298559	298747	298913	0.15	cps
Rhodium	103-1	10083550	9992456	9811883	9962630	1.39	cps
Rhodium	103-2	3948818	5535342	5263693	4915951	17.26	cps
Scandium	45-1	5459546	5351120	5302281	5370982	1.50	cps
Scandium	45-2	323981	451206	439726	404971	17.38	cps
Selenium	82-1	7779	7990	7959	7909	1.44	cps
Selenium	77-2	700	720	733	718	2.34	cps
Selenium	78-2	2367	2367	2420	2385	1.29	cps
Silicon	28-1	4636950	4673746	4631763	4647486	0.49	cps
Silver	107-1	292304	285636	283388	287109	1.62	cps
Silver	109-1	272357	272893	274001	273084	0.31	cps
Sodium	23-2	24850	25277	25151	25093	0.87	cps
Strontium	86-1	33010	33404	32593	33002	1.23	cps
Strontium	88-1	289737	290973	290169	290293	0.22	cps
Sulfur	34-1	97931	95680	96526	96712	1.18	cps
Terbium	159-1	14870783	14869206	14457051	14732346	1.62	cps
Terbium	159-2	6899590	9434579	9155928	8496699	16.36	cps
Thallium	203-1	226025	228047	228173	227415	0.53	cps
Thallium	205-1	533874	531649	531143	532222	0.27	cps
Tin	118-1	2390	2110	2274	2258	6.23	cps
Titanium	47-1	140017	142580	141450	141349	0.91	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	P2785-05MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD459SRE	Dilution Factor :	4
Date & Time Acquired :	2024-09-29 20:08:10	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3424	3327	3817	3523	7.37	cps
Vanadium	51-2	803209	791149	797486	797281	0.76	cps
Yttrium	89-1	11700760	11666102	11499740	11622201	0.92	cps
Yttrium	89-2	2045452	2832587	2754793	2544277	17.05	cps
Zinc	66-2	182052	179133	180503	180563	0.81	cps
Zirconium	90-1	18535	18752	18458	18582	0.82	cps
Zirconium	91-1	4147	4141	4364	4217	3.01	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 20:11:22	DataFile Name :	086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5655950	5725988	5669759	5683899	0.65	cps
Antimony	121-1	3307206	3325276	3325786	3319423	0.32	cps
Arsenic	75-2	144364	147066	146703	146044	1.00	cps
Barium	135-1	4533121	4527262	4522914	4527766	0.11	cps
Barium	137-1	7767188	7725566	7812421	7768391	0.56	cps
Beryllium	9-1	522678	528765	531604	527683	0.86	cps
Bismuth	209-1	8200636	8263321	8379619	8281192	1.10	cps
Bismuth	209-2	6239000	6262997	6153193	6218397	0.93	cps
Bromine	81-1	6868	6852	6958	6893	0.83	cps
Bromine	81-2	50	63	43	52	19.50	cps
Cadmium	108-1	59819	59609	59618	59682	0.20	cps
Cadmium	106-1	87475	87971	89349	88265	1.10	cps
Cadmium	111-1	812310	820369	824932	819204	0.78	cps
Calcium	43-1	3860438	3883725	3876296	3873486	0.31	cps
Calcium	44-1	61333739	61941487	62184956	61820061	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1028444	1025333	1025885	1026554	0.16	cps
Cobalt	59-2	1557440	1546704	1561630	1555258	0.50	cps
Copper	63-2	11322045	11312288	11266829	11300387	0.26	cps
Dysprosium	156-1	340	247	280	289	16.37	cps
Dysprosium	156-2	347	360	370	359	3.26	cps
Erbium	164-1	190	240	240	223	12.93	cps
Erbium	164-2	163	113	167	148	20.22	cps
Gadolinium	160-1	297	250	250	266	10.14	cps
Gadolinium	160-2	607	567	533	569	6.45	cps
Holmium	165-1	14212820	14267607	14262612	14247680	0.21	cps
Holmium	165-2	9256859	9258289	9176185	9230444	0.51	cps
Indium	115-1	10143029	10161918	10166006	10156985	0.12	cps
Indium	115-2	3168247	3165403	3174187	3169279	0.14	cps
Iron	56-2	229979517	229042623	229536283	229519474	0.20	cps
Iron	57-2	5710688	5683593	5796574	5730285	1.03	cps
Iron	54-2	12536851	12444842	12540061	12507251	0.43	cps
Krypton	83-1	93	140	150	128	23.67	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 20:11:22	DataFile Name :	086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13207488	13270802	13362714	13280335	0.59	cps
Lead	207-1	11605713	11774856	11826045	11735538	0.98	cps
Lead	208-1	52689738	53170482	53837939	53232719	1.08	cps
Lithium	6-1	1744657	1719115	1774153	1745975	1.58	cps
Magnesium	24-2	44520268	45117881	44707031	44781727	0.68	cps
Manganese	55-2	7870240	7805686	7864421	7846782	0.46	cps
Molybdenum	94-1	11327027	11305414	11497107	11376516	0.92	cps
Molybdenum	95-1	16421813	16580649	16643078	16548513	0.69	cps
Molybdenum	96-1	18067544	18190863	18267081	18175163	0.55	cps
Molybdenum	97-1	10276423	10373172	10469559	10373051	0.93	cps
Molybdenum	98-1	26834420	26980929	27046485	26953944	0.40	cps
Neodymium	150-1	500	480	497	492	2.18	cps
Neodymium	150-2	143	207	130	160	25.60	cps
Nickel	60-2	381782	381343	380566	381230	0.16	cps
Phosphorus	31-2	58658	59843	58839	59114	1.08	cps
Potassium	39-2	28998925	29053183	28892136	28981415	0.28	cps
Rhodium	103-1	8862102	8775974	8853610	8830562	0.54	cps
Rhodium	103-2	4762853	4758906	4783662	4768474	0.28	cps
Scandium	45-1	5070153	5091384	5131016	5097518	0.61	cps
Scandium	45-2	418148	418821	416913	417961	0.23	cps
Selenium	82-1	46414	46674	46737	46608	0.37	cps
Selenium	77-2	4417	4224	4194	4278	2.83	cps
Selenium	78-2	13890	14010	14103	14001	0.76	cps
Silicon	28-1	2919761	2947585	2962144	2943163	0.73	cps
Silver	107-1	4037341	3985291	4023817	4015483	0.67	cps
Silver	109-1	3811648	3807749	3861581	3826992	0.78	cps
Sodium	23-2	75661184	76446981	75386942	75831702	0.73	cps
Strontium	86-1	24942797	25243808	25229265	25138623	0.68	cps
Strontium	88-1	221097023	223923643	223634430	222885032	0.70	cps
Sulfur	34-1	325251	325741	325316	325436	0.08	cps
Terbium	159-1	14527145	14504951	14630926	14554340	0.46	cps
Terbium	159-2	9030385	9026348	8962807	9006513	0.42	cps
Thallium	203-1	3326912	3324871	3334783	3328855	0.16	cps
Thallium	205-1	7792473	7832036	7884863	7836457	0.59	cps
Tin	118-1	2750065	2797487	2774351	2773968	0.85	cps
Titanium	47-1	3620732	3658801	3697805	3659113	1.05	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P7
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 20:11:22	DataFile Name :	086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10878014	11192319	11181156	11083830	1.61	cps
Vanadium	51-2	927884	928208	920637	925576	0.46	cps
Yttrium	89-1	10865381	10956427	10971018	10930942	0.52	cps
Yttrium	89-2	2564598	2565902	2549176	2559892	0.36	cps
Zinc	66-2	1965792	1962997	1985457	1971415	0.62	cps
Zirconium	90-1	5349827	5401190	5353877	5368298	0.53	cps
Zirconium	91-1	1184156	1187330	1196265	1189250	0.53	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 20:14:07	DataFile Name :	087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347	390	403	380	7.80	cps
Antimony	121-1	2664	2644	3050	2786	8.23	cps
Arsenic	75-2	13	7	10	10	33.30	cps
Barium	135-1	190	167	210	189	11.48	cps
Barium	137-1	427	383	333	381	12.26	cps
Beryllium	9-1	159	105	65	110	43.03	cps
Bismuth	209-1	9235242	9302360	9228936	9255513	0.44	cps
Bismuth	209-2	6957410	7004528	6951291	6971076	0.42	cps
Bromine	81-1	6978	6958	7138	7025	1.40	cps
Bromine	81-2	37	43	40	40	8.32	cps
Cadmium	108-1	27	10	7	14	74.18	cps
Cadmium	106-1	3057	2990	2887	2978	2.88	cps
Cadmium	111-1	2208	2156	2090	2151	2.76	cps
Calcium	43-1	413	360	267	347	21.41	cps
Calcium	44-1	7068	6688	6588	6782	3.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2084	1763	1757	1868	10.00	cps
Cobalt	59-2	130	183	220	178	25.46	cps
Copper	63-2	1200	1217	1223	1213	0.99	cps
Dysprosium	156-1	43	17	23	28	49.95	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	70	130	83	94	33.36	cps
Erbium	164-2	73	80	57	70	17.17	cps
Gadolinium	160-1	70	50	63	61	16.66	cps
Gadolinium	160-2	493	490	457	480	4.22	cps
Holmium	165-1	14820624	14699079	14793403	14771035	0.43	cps
Holmium	165-2	9394952	9536380	9499245	9476859	0.77	cps
Indium	115-1	11238803	11300124	11257252	11265393	0.28	cps
Indium	115-2	3551500	3483645	3534118	3523088	1.00	cps
Iron	56-2	24253	24684	26320	25085	4.35	cps
Iron	57-2	1123	1220	1200	1181	4.32	cps
Iron	54-2	2020	2067	2270	2119	6.27	cps
Krypton	83-1	130	123	133	129	3.95	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 20:14:07	DataFile Name :	087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1954	1707	1623	1761	9.75	cps
Lead	207-1	1553	1473	1400	1476	5.20	cps
Lead	208-1	7348	6797	6337	6827	7.41	cps
Lithium	6-1	1885589	1888621	1871468	1881893	0.49	cps
Magnesium	24-2	2387	2457	2650	2498	5.46	cps
Manganese	55-2	793	703	743	747	6.04	cps
Molybdenum	94-1	1470	1293	1317	1360	7.06	cps
Molybdenum	95-1	1490	1343	1357	1397	5.81	cps
Molybdenum	96-1	1663	1473	1503	1547	6.60	cps
Molybdenum	97-1	997	850	813	887	10.94	cps
Molybdenum	98-1	2444	2100	2184	2242	7.99	cps
Neodymium	150-1	20	7	33	20	66.65	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	487	540	423	483	12.08	cps
Phosphorus	31-2	87	77	83	82	6.19	cps
Potassium	39-2	34102	34235	33707	34015	0.81	cps
Rhodium	103-1	10221682	10281931	10214436	10239350	0.36	cps
Rhodium	103-2	5501849	5508884	5473812	5494848	0.34	cps
Scandium	45-1	5455776	5477708	5514383	5482622	0.54	cps
Scandium	45-2	448316	452927	445780	449008	0.81	cps
Selenium	82-1	326	379	337	347	8.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	137	117	124	8.61	cps
Silicon	28-1	136726	135290	137870	136629	0.95	cps
Silver	107-1	510	473	437	473	7.75	cps
Silver	109-1	520	410	400	443	15.02	cps
Sodium	23-2	14667	14517	14604	14596	0.52	cps
Strontium	86-1	1317	990	1030	1112	16.02	cps
Strontium	88-1	10460	7795	7669	8642	18.24	cps
Sulfur	34-1	116023	118108	117396	117176	0.90	cps
Terbium	159-1	15201089	15411091	15040039	15217407	1.22	cps
Terbium	159-2	9347979	9365498	9210982	9308153	0.91	cps
Thallium	203-1	680	510	477	556	19.63	cps
Thallium	205-1	1427	1350	1100	1292	13.22	cps
Tin	118-1	1363	1423	1653	1480	10.34	cps
Titanium	47-1	293	237	333	288	16.88	cps

Reviewed By:mohan
On:10/9/2024 7:43:32 AM
Inst Id :P7

LB Number :	LB132658	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P7
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired :	2024-09-29 20:14:07	DataFile Name :	087CCBE.d

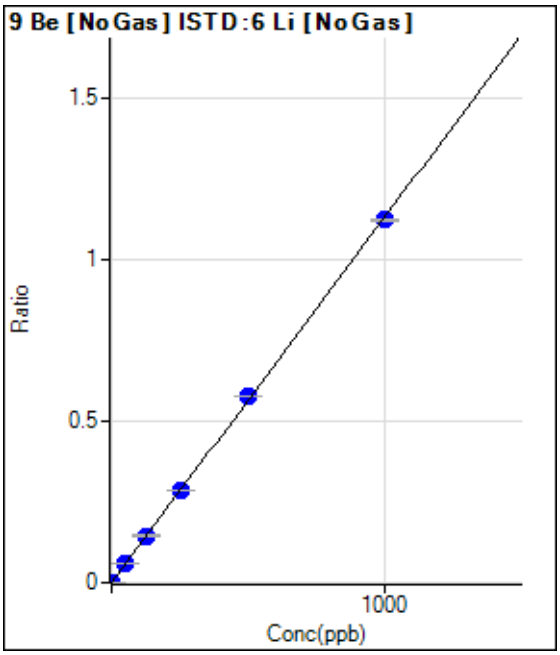
Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	500	367	377	414	17.92	cps
Vanadium	51-2	50	53	63	56	12.49	cps
Yttrium	89-1	11566954	11663168	11764876	11664999	0.85	cps
Yttrium	89-2	2751028	2792500	2756228	2766585	0.82	cps
Zinc	66-2	457	417	437	437	4.58	cps
Zirconium	90-1	1567	1630	1723	1640	4.81	cps
Zirconium	91-1	300	350	310	320	8.27	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7101424MS2.b\
Analysis File: P7101424MS2.batch.bin
DA Date-Time: 2024-10-15 06:38:25
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-14 13:52:29
2	005CALS.d	S02	2024-10-14 13:55:53
3	006CALS.d	S03	2024-10-14 13:59:19
4	007CALS.d	S04	2024-10-14 14:02:34
5	008CALS.d	S05	2024-10-14 14:05:46
6	009CALS.d	S06	2024-10-14 14:08:44
7	010CALS.d	S07	2024-10-14 14:11:40
8	011CALS.d	S08	2024-10-14 14:14:26

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.00	0.0001	P	27.1
2	☐	1.000	1.084	1033.38	0.0013	P	3.0
3	☐	50.000	52.887	46324.30	0.0598	P	0.9
4	☐	125.000	128.651	112362.88	0.1454	P	1.0
5	☐	250.000	253.822	218404.74	0.2868	P	0.6
6	☐	500.000	510.144	431602.38	0.5763	P	0.5
7	☐	1000.000	993.372	820512.23	1.1220	P	0.7
8	☐			474.46	0.0007	P	15.3

y = 0.0011 * x + 1.1797E-004

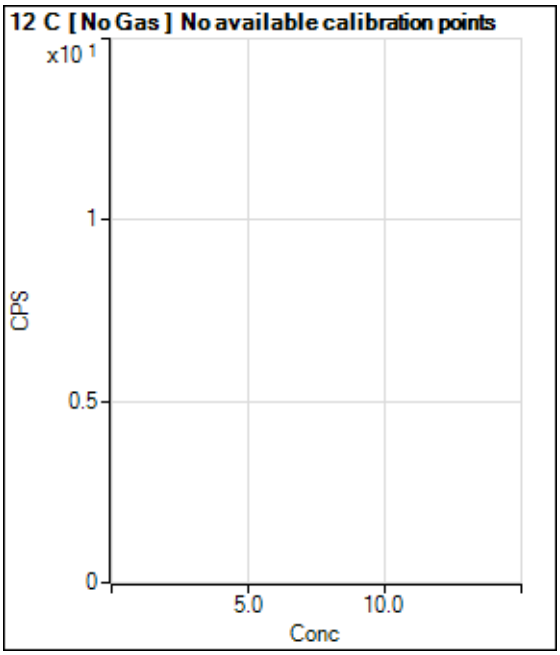
R = 0.9999

DL = 0.08495

BEC = 0.1045

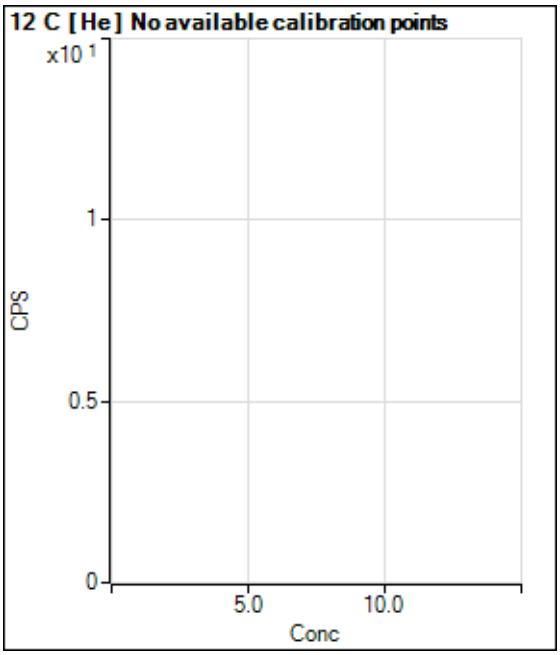
Weight: <None>

Min Conc: 0

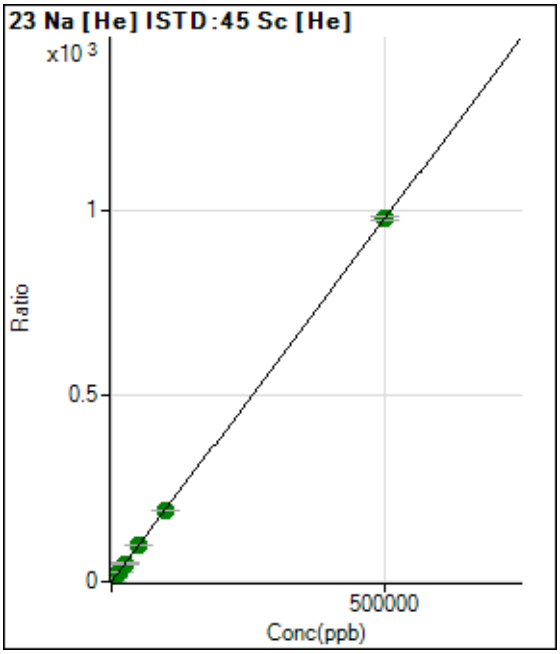


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7



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

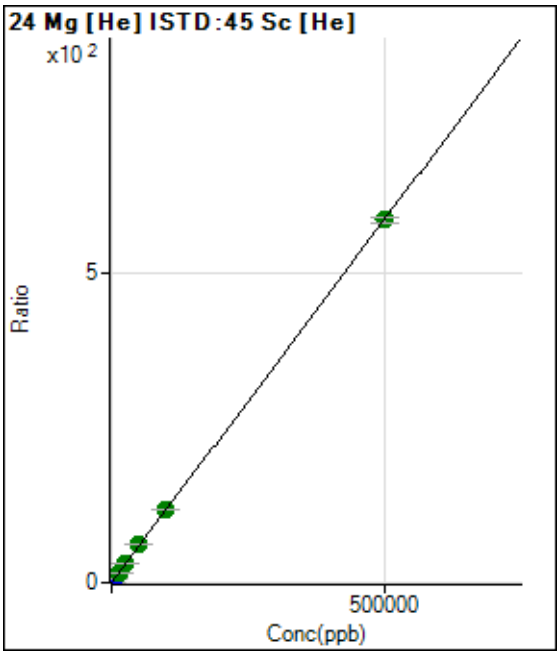


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9461.86	0.0702	P	3.1
2	☐	500.000	544.447	152301.91	1.1334	P	1.0
3	☐	5000.000	5060.837	1350661.91	9.9535	A	1.5
4	☐	12500.000	12598.926	3244424.85	24.6746	A	0.2
5	☐	25000.000	25032.765	6394828.79	48.9566	A	1.1
6	☐	50000.000	50816.842	12742705.92	99.3102	A	1.0
7	☐	100000.00	98505.223	24639221.85	192.4408	A	1.2
8	☐	500000.00	500212.50	121343551.5	976.9339	A	1.2

y = 0.0020 * x + 0.0702
R = 1.0000
DL = 3.296
BEC = 35.93

Weight: <None>
Min Conc: 0

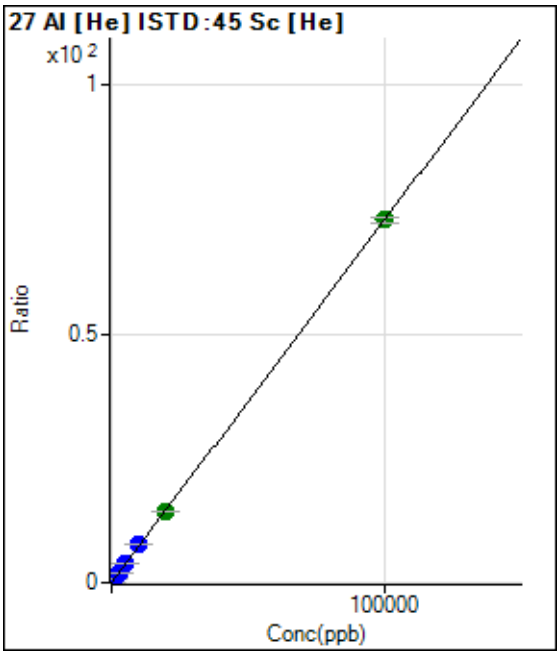
Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1474.53	0.0109	P	2.7
2	☐	500.000	573.797	92141.27	0.6857	P	0.9
3	☐	5000.000	5383.686	860586.38	6.3419	P	0.9
4	☐	12500.000	13015.551	2013956.89	15.3165	A	0.6
5	☐	25000.000	25670.220	3944504.87	30.1978	A	1.4
6	☐	50000.000	52191.451	7876417.52	61.3854	A	1.4
7	☐	100000.00	101060.76	15216833.80	118.8531	A	1.6
8	☐	500000.00	499518.39	72961270.02	587.4185	A	1.4

y = 0.0012 * x + 0.0109
R = 1.0000
DL = 0.7626
BEC = 9.298

Weight: <None>
Min Conc: 0

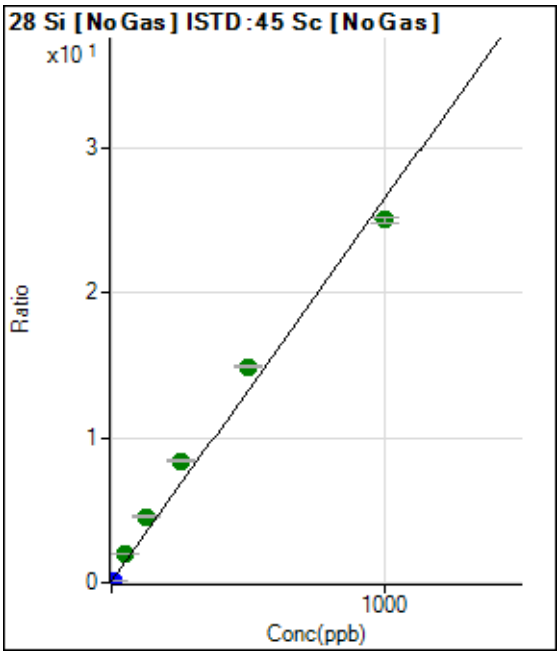


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.45	0.0008	P	16.8
2	☐	20.000	185.956	18321.02	0.1364	P	2.0
3	☐	1000.000	1043.571	103352.50	0.7616	P	0.8
4	☐	2500.000	2609.653	250280.88	1.9034	P	0.6
5	☐	5000.000	5168.907	492372.30	3.7693	P	0.8
6	☐	10000.000	10417.916	974695.91	7.5963	P	1.0
7	☐	20000.000	19652.597	1834633.05	14.3292	A	1.6
8	☐	100000.00	100016.03	9057277.22	72.9208	A	1.3

y = 7.2908E-004 * x + 7.7491E-004
R = 1.0000
DL = 0.5366
BEC = 1.063

Weight: <None>
Min Conc: 0

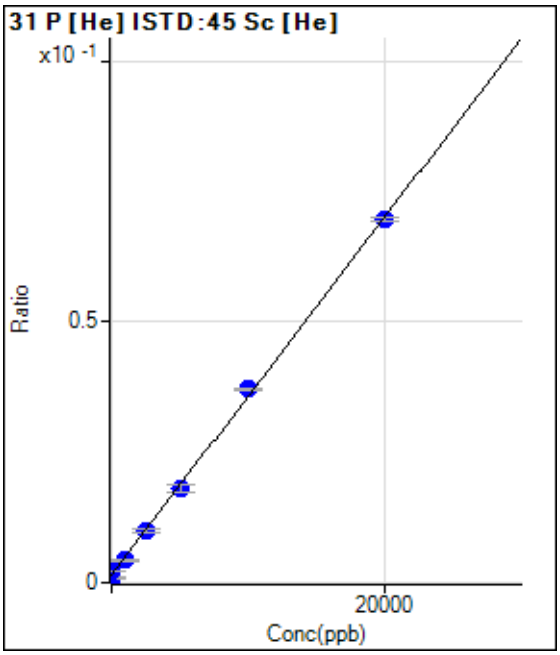
Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	149116.62	0.0951	P	0.7
2	☐	10.000	0.431	168528.52	0.1064	P	1.3
3	☐	50.000	71.456	3158972.94	1.9815	A	0.6
4	☐	125.000	169.384	7211829.68	4.5667	A	0.8
5	☐	250.000	315.887	13145200.78	8.4343	A	0.9
6	☐	500.000	562.240	22804749.94	14.9380	A	1.6
7	☐	1000.000	945.883	38040938.32	25.0660	A	1.8
8	☐			491739.34	0.3400	P	15.7

y = 0.0264 * x + 0.0951
R = 0.9934
DL = 0.07417
BEC = 3.601

Weight: <None>
Min Conc: 0

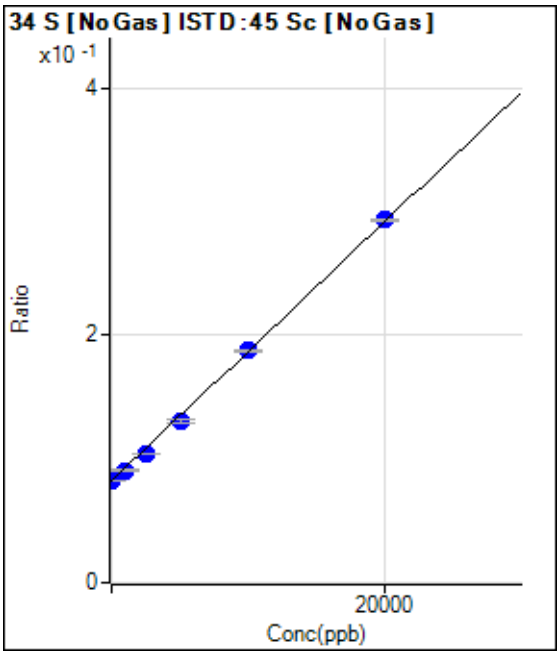


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-193.326	113.33	0.0008	P	22.6
2	☐	0.000	193.326	291.12	0.0022	P	1.4
3	☐	1000.000	817.728	584.46	0.0043	P	9.9
4	☐	2500.000	2455.156	1304.51	0.0099	P	5.9
5	☐	5000.000	4851.384	2369.09	0.0181	P	7.6
6	☐	10000.000	10383.351	4760.78	0.0371	P	0.8
7	☐	20000.000	19860.198	8910.44	0.0696	P	1.2
8	☐			147.78	0.0012	P	16.1

y = 3.4284E-006 * x + 0.0015
R = 0.9995
DL = 96.19
BEC = 438.6

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-11.707	129178.19	0.0823	P	1.2
2	☐	0.000	11.707	130782.63	0.0826	P	1.1
3	☐	1000.000	743.255	143891.19	0.0903	P	1.8
4	☐	2500.000	2075.643	164576.44	0.1042	P	1.0
5	☐	5000.000	4572.513	203167.24	0.1304	P	1.7
6	☐	10000.000	10084.038	287173.16	0.1881	P	0.8
7	☐	20000.000	20130.735	445158.16	0.2933	P	0.5
8	☐			113181.94	0.0782	P	1.9

y = 1.0475E-005 * x + 0.0825

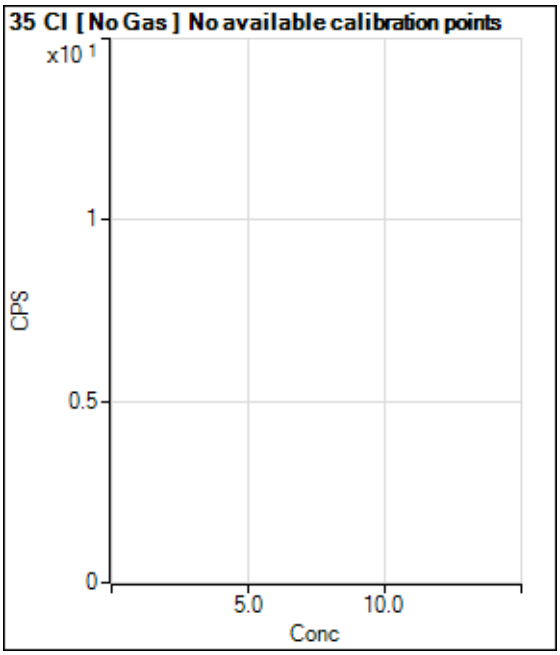
R = 0.9996

DL = 267.8

BEC = 7874

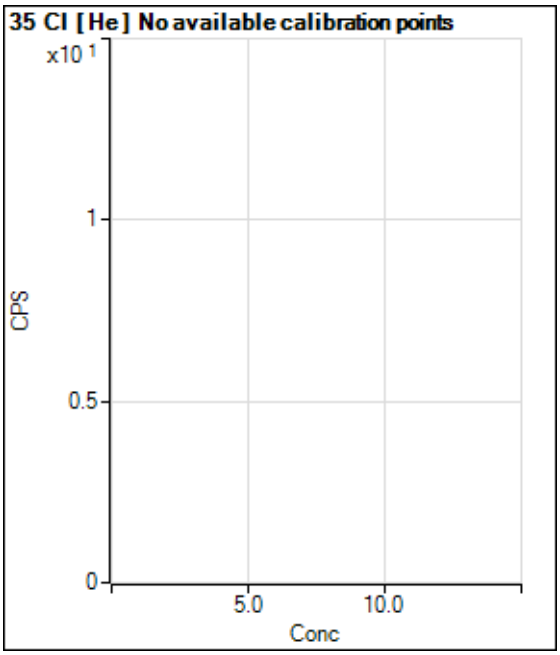
Weight: <None>

Min Conc: 0

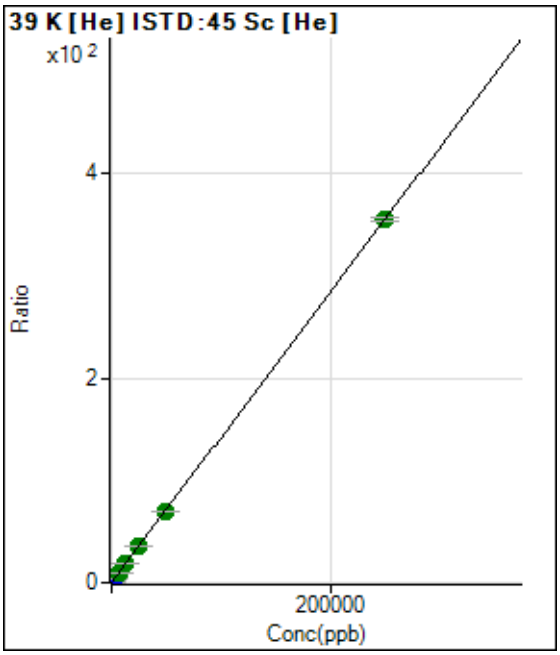


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

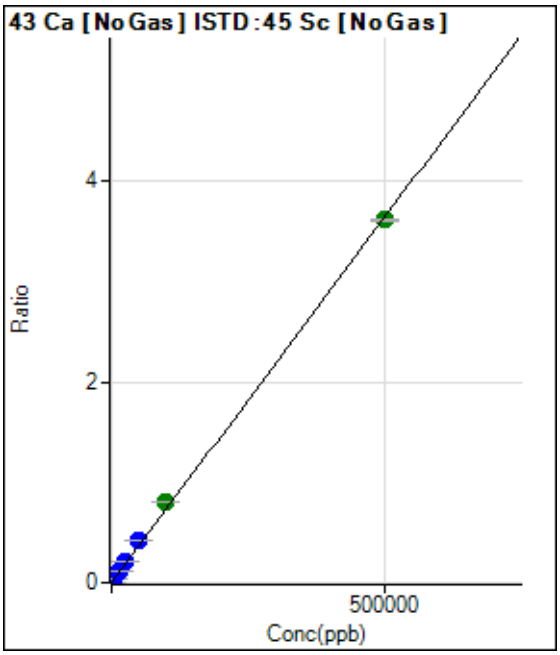


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33045.93	0.2451	P	1.0
2	☐	500.000	559.067	139256.20	1.0363	P	0.8
3	☐	2500.000	2664.195	544916.96	4.0156	P	0.8
4	☐	6250.000	6279.301	1200741.51	9.1319	A	0.1
5	☐	12500.000	12586.129	2358654.76	18.0577	A	1.6
6	☐	25000.000	25410.905	4645959.76	36.2080	A	0.7
7	☐	50000.000	48880.810	8888107.23	69.4240	A	1.8
8	☐	250000.00	250175.94	44007893.23	354.3084	A	1.2

y = 0.0014 * x + 0.2451
R = 1.0000
DL = 5.097
BEC = 173.2

Weight: <None>
Min Conc: 0

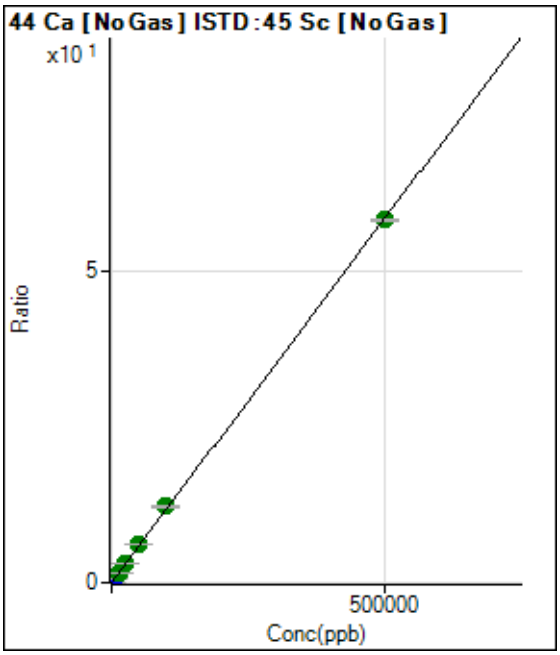
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.67	0.0001	P	1.4
2	☐	500.000	555.177	6587.03	0.0042	P	2.4
3	☐	5000.000	5922.763	68920.90	0.0432	P	1.9
4	☐	12500.000	14620.014	168261.59	0.1065	P	1.1
5	☐	25000.000	28875.221	327756.69	0.2103	P	1.6
6	☐	50000.000	58891.964	654684.11	0.4288	P	0.5
7	☐	100000.00	110572.28	1221662.97	0.8050	A	0.7
8	☐	500000.00	496740.30	5236290.58	3.6161	A	0.4

y = 7.2794E-006 * x + 1.1899E-004
R = 0.9997
DL = 0.6823
BEC = 16.35

Weight: <None>
Min Conc: 0

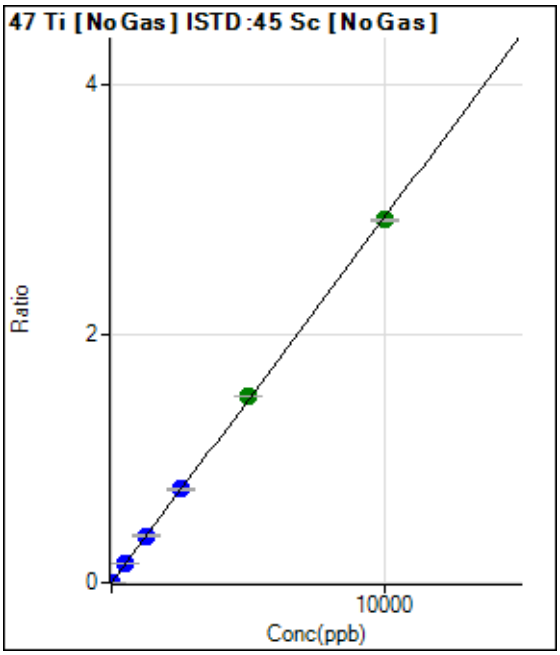


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2885.87	0.0018	P	5.5
2	☐	500.000	566.542	107491.38	0.0679	P	1.4
3	☐	5000.000	5726.828	1067317.06	0.6695	P	0.4
4	☐	12500.000	13238.838	2440301.20	1.5452	A	0.5
5	☐	25000.000	26349.145	4790157.39	3.0736	A	1.6
6	☐	50000.000	53645.998	9551015.90	6.2559	A	0.5
7	☐	100000.00	104639.80	18515536.95	12.2008	A	0.6
8	☐	500000.00	498614.17	84175966.52	58.1307	A	0.4

y = 1.1658E-004 * x + 0.0018
R = 0.9999
DL = 2.624
BEC = 15.78

Weight: <None>
Min Conc: 0

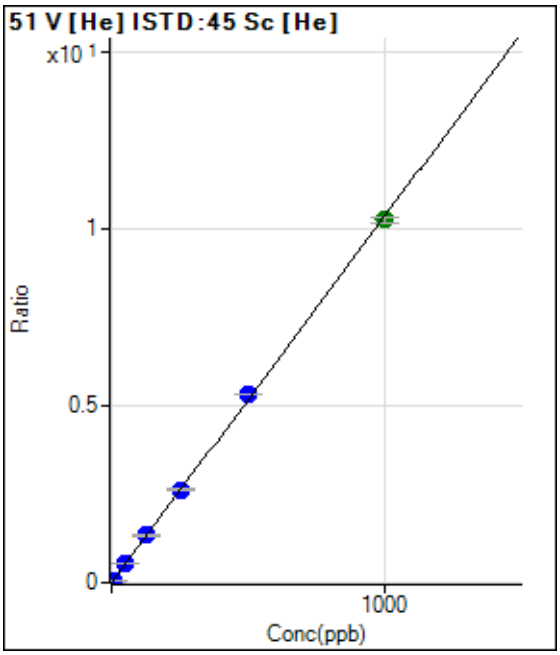
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.56	0.0000	P	25.0
2	☐	5.000	5.997	2835.85	0.0018	P	1.9
3	☐	500.000	521.297	244152.99	0.1531	P	0.8
4	☐	1250.000	1288.056	597518.04	0.3784	P	0.8
5	☐	2500.000	2554.150	1169201.62	0.7502	P	1.6
6	☐	5000.000	5099.031	2286620.72	1.4977	A	0.5
7	☐	10000.000	9931.125	4426819.90	2.9170	A	0.3
8	☐			577.79	0.0004	P	6.9

y = 2.9372E-004 * x + 2.9002E-005
R = 0.9999
DL = 0.07403
BEC = 0.09874

Weight: <None>
Min Conc: 0

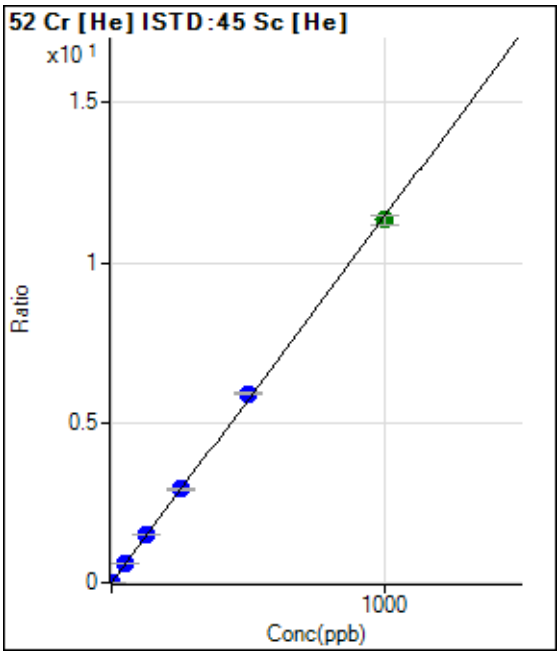


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0001	P	17.4
2	☐	5.000	5.299	7369.65	0.0548	P	2.6
3	☐	50.000	51.042	71588.60	0.5276	P	1.3
4	☐	125.000	128.648	174821.71	1.3296	P	0.4
5	☐	250.000	254.340	343345.84	2.6285	P	0.9
6	☐	500.000	515.468	683527.93	5.3270	P	0.6
7	☐	1000.000	990.672	1310724.54	10.2379	A	1.8
8	☐			248.89	0.0020	P	11.1

y = 0.0103 * x + 8.2398E-005
R = 0.9998
DL = 0.004156
BEC = 0.007973

Weight: <None>
Min Conc: 0

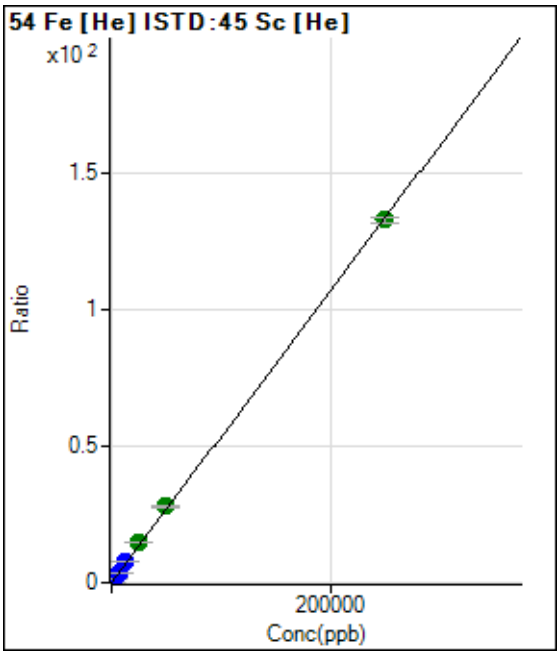
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	182.23	0.0014	P	4.7
2	☐	2.000	2.074	3373.74	0.0251	P	4.1
3	☐	50.000	51.203	79727.99	0.5875	P	0.9
4	☐	125.000	128.909	194225.78	1.4771	P	0.5
5	☐	250.000	255.030	381550.86	2.9210	P	1.0
6	☐	500.000	515.113	756840.38	5.8985	P	1.1
7	☐	1000.000	990.637	1452044.94	11.3424	A	2.4
8	☐			4643.72	0.0374	P	18.2

y = 0.0114 * x + 0.0014
R = 0.9998
DL = 0.01664
BEC = 0.118

Weight: <None>
Min Conc: 0

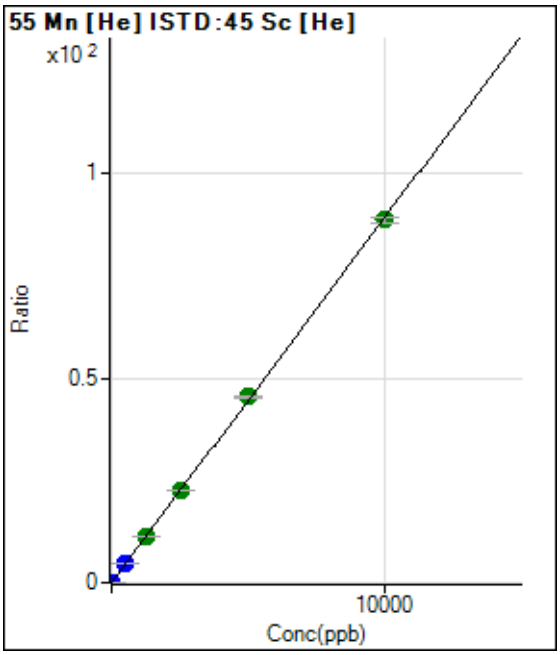


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	843.36	0.0063	P	5.6
2	☐	50.000	61.138	5217.62	0.0388	P	1.0
3	☐	2500.000	2822.703	204918.63	1.5101	P	0.5
4	☐	6250.000	7091.354	497585.63	3.7842	P	0.4
5	☐	12500.000	14004.017	975351.29	7.4670	P	1.2
6	☐	25000.000	27276.415	1865387.63	14.5380	A	1.4
7	☐	50000.000	52527.359	3583766.96	27.9906	A	1.4
8	☐	250000.00	249167.42	16488655.45	132.7522	A	1.5

y = 5.3276E-004 * x + 0.0063
R = 0.9999
DL = 1.965
BEC = 11.74

Weight: <None>
Min Conc: 0

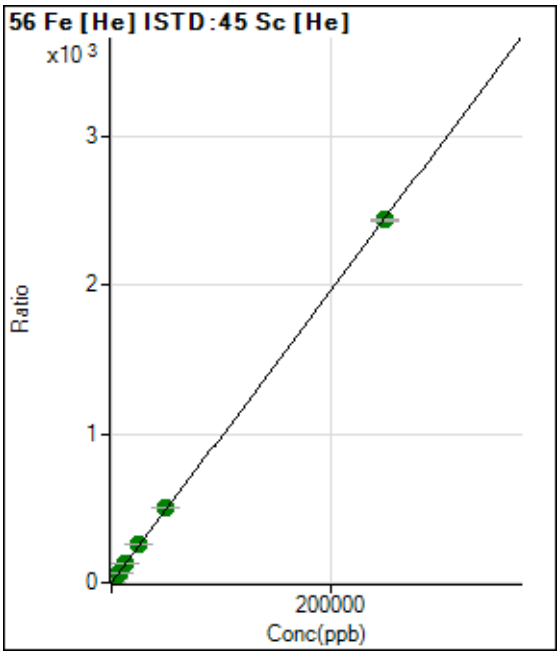
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0014	P	17.9
2	☐	1.000	1.293	1736.78	0.0129	P	1.7
3	☐	500.000	513.527	621102.40	4.5770	P	0.7
4	☐	1250.000	1263.850	1480891.85	11.2626	A	0.4
5	☐	2500.000	2530.025	2944824.23	22.5444	A	1.2
6	☐	5000.000	5087.776	5816957.97	45.3345	A	1.1
7	☐	10000.000	9946.198	11346637.33	88.6241	A	1.6
8	☐			4897.51	0.0394	P	6.4

y = 0.0089 * x + 0.0014
R = 0.9999
DL = 0.08466
BEC = 0.1573

Weight: <None>
Min Conc: 0

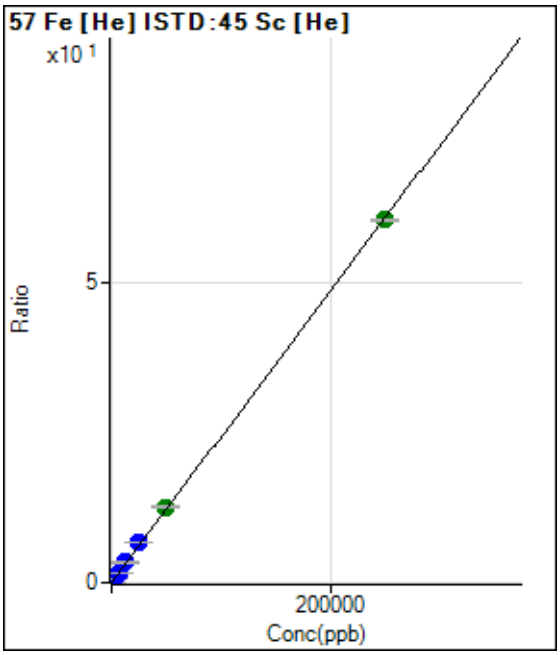


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5611.10	0.0416	P	2.2
2	☐	50.000	59.599	83828.46	0.6239	P	1.9
3	☐	2500.000	2667.621	3542256.09	26.1038	A	1.4
4	☐	6250.000	6654.987	8554557.23	65.0597	A	0.5
5	☐	12500.000	13240.117	16902581.00	129.3953	A	0.7
6	☐	25000.000	26861.495	33678355.61	262.4738	A	1.1
7	☐	50000.000	51761.934	64749457.92	505.7467	A	1.7
8	☐	250000.00	249412.65	302676735.4	2,436.760	A	0.6

y = 0.0098 * x + 0.0416
R = 1.0000
DL = 0.2868
BEC = 4.26

Weight: <None>
Min Conc: 0

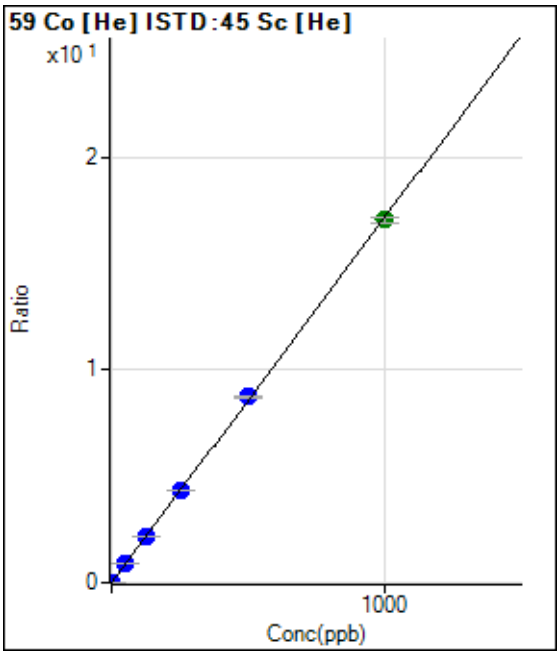
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	583.35	0.0043	P	10.9
2	☐	50.000	63.068	2639.15	0.0196	P	3.8
3	☐	2500.000	2789.296	92508.86	0.6817	P	1.0
4	☐	6250.000	7043.266	225473.37	1.7148	P	0.4
5	☐	12500.000	13886.368	441076.80	3.3766	P	0.7
6	☐	25000.000	28056.650	874822.59	6.8179	P	1.0
7	☐	50000.000	51925.668	1615067.46	12.6145	A	1.8
8	☐	250000.00	249217.15	7518127.18	60.5267	A	0.8

y = 2.4285E-004 * x + 0.0043
R = 0.9999
DL = 5.833
BEC = 17.82

Weight: <None>
Min Conc: 0

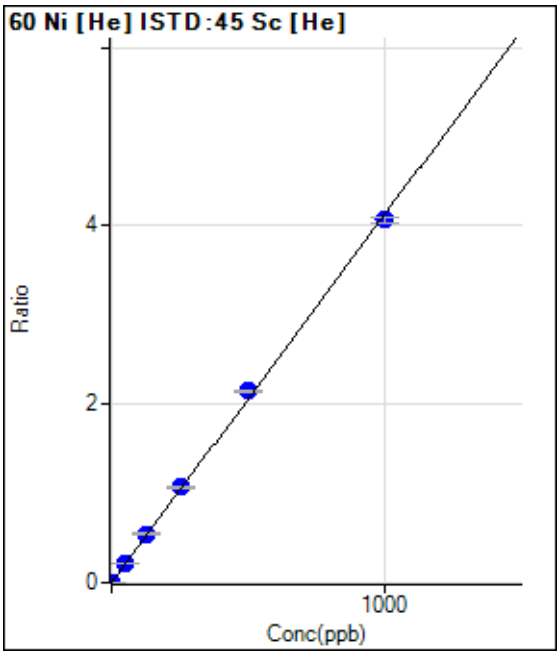


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0002	P	22.9
2	☐	1.000	1.092	2551.35	0.0190	P	3.8
3	☐	50.000	51.219	119341.89	0.8795	P	1.3
4	☐	125.000	128.313	289649.30	2.2029	P	0.2
5	☐	250.000	252.931	567171.34	4.3420	P	1.1
6	☐	500.000	509.080	1121325.35	8.7391	P	1.1
7	☐	1000.000	994.252	2185252.73	17.0675	A	1.4
8	☐			5458.82	0.0440	P	2.2

y = 0.0172 * x + 2.3093E-004
R = 0.9999
DL = 0.009227
BEC = 0.01345

Weight: <None>
Min Conc: 0

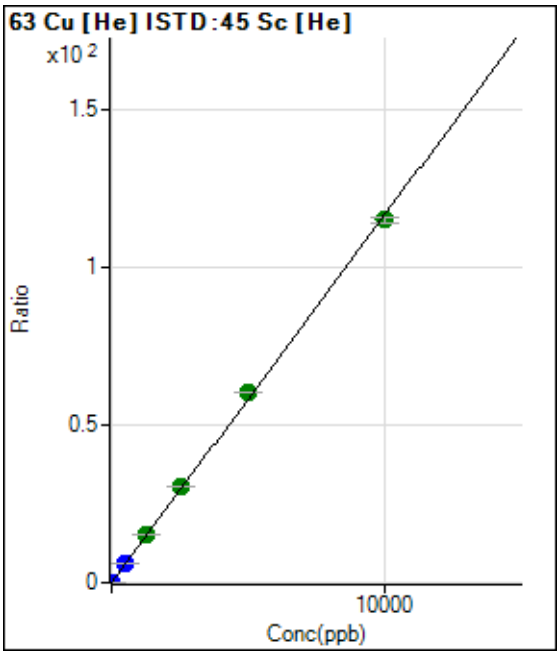
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0003	P	15.7
2	☐	1.000	1.126	667.80	0.0050	P	7.0
3	☐	50.000	52.899	29645.95	0.2185	P	0.3
4	☐	125.000	132.915	72110.99	0.5484	P	1.0
5	☐	250.000	259.154	139633.58	1.0690	P	1.1
6	☐	500.000	520.371	275380.28	2.1462	P	0.6
7	☐	1000.000	986.391	520820.62	4.0679	P	1.3
8	☐			1853.47	0.0149	P	1.6

y = 0.0041 * x + 3.2965E-004
R = 0.9996
DL = 0.03777
BEC = 0.07994

Weight: <None>
Min Conc: 0

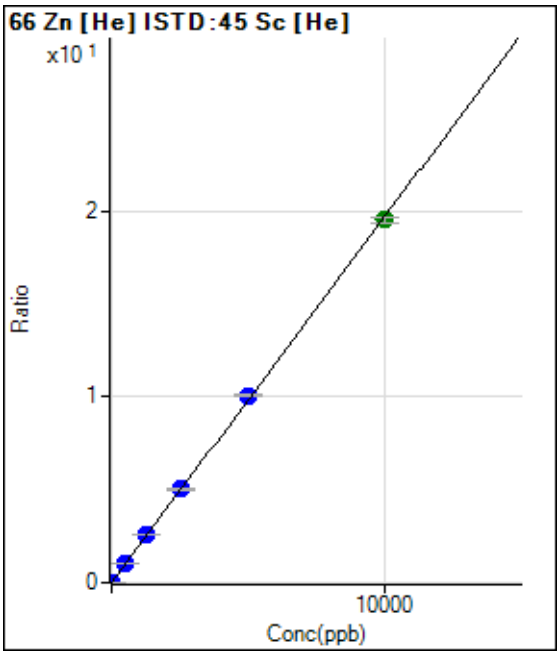


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	356.67	0.0026	P	5.2
2	☐	2.000	2.165	3742.72	0.0279	P	4.5
3	☐	500.000	518.490	819681.12	6.0404	P	0.3
4	☐	1250.000	1330.283	2037232.56	15.4936	A	0.3
5	☐	2500.000	2616.593	3980332.72	30.4724	A	1.4
6	☐	5000.000	5174.855	7732527.18	60.2630	A	0.7
7	☐	10000.000	9872.464	14719702.00	114.9658	A	1.3
8	☐			2916.98	0.0235	P	1.9

y = 0.0116 * x + 0.0026
R = 0.9997
DL = 0.0352
BEC = 0.2271

Weight: <None>
Min Conc: 0

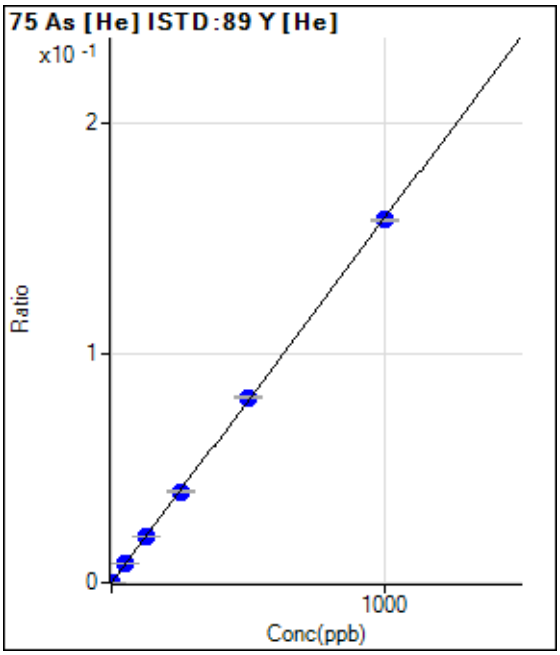
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	151.12	0.0011	P	2.6
2	☐	5.000	6.096	1762.35	0.0131	P	1.1
3	☐	500.000	516.931	138164.13	1.0182	P	0.9
4	☐	1250.000	1291.616	334285.53	2.5423	P	0.4
5	☐	2500.000	2552.534	656167.17	5.0231	P	0.5
6	☐	5000.000	5117.359	1292019.63	10.0693	P	0.9
7	☐	10000.000	9922.138	2499567.72	19.5226	A	1.6
8	☐			761.14	0.0061	P	6.0

y = 0.0020 * x + 0.0011
R = 0.9999
DL = 0.04398
BEC = 0.5696

Weight: <None>
Min Conc: 0

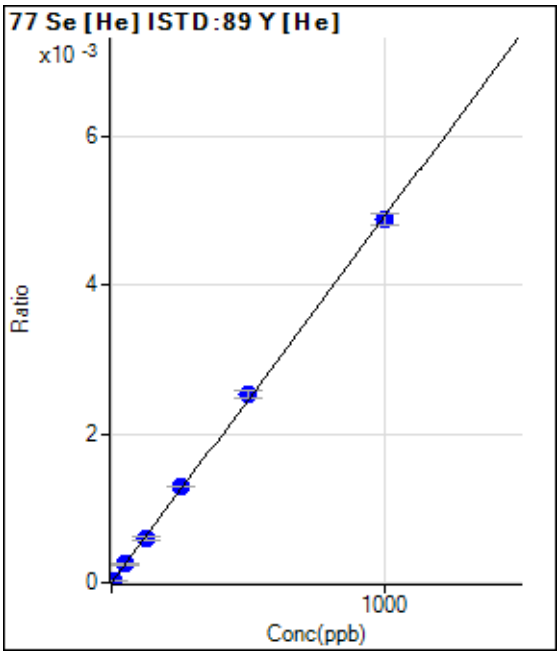


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	43.4
2	☐	1.000	1.049	205.56	0.0002	P	19.5
3	☐	50.000	50.842	9914.49	0.0081	P	0.5
4	☐	125.000	126.632	24013.94	0.0201	P	0.1
5	☐	250.000	250.273	47369.68	0.0398	P	0.7
6	☐	500.000	507.555	94831.23	0.0806	P	0.9
7	☐	1000.000	995.908	184238.48	0.1582	P	0.9
8	☐			123.34	0.0001	P	7.1

y = 1.5882E-004 * x + 3.6974E-006
R = 1.0000
DL = 0.03033
BEC = 0.02328

Weight: <None>
Min Conc: 0

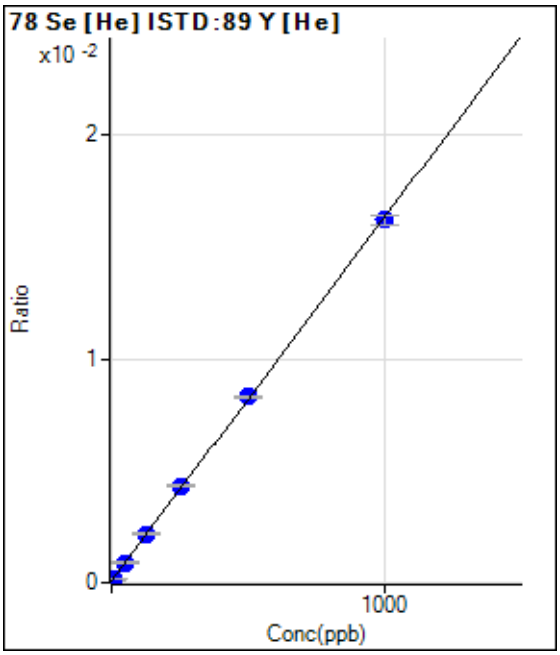
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.554	21.11	0.0000	P	23.7
3	☐	50.000	51.548	311.12	0.0003	P	11.8
4	☐	125.000	119.650	702.25	0.0006	P	8.1
5	☐	250.000	261.323	1531.20	0.0013	P	0.5
6	☐	500.000	513.156	2968.11	0.0025	P	4.0
7	☐	1000.000	991.190	5676.70	0.0049	P	3.1
8	☐			0.00	0.0000	P	

y = 4.9170E-006 * x + 0.0000E+000
R = 0.9998
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

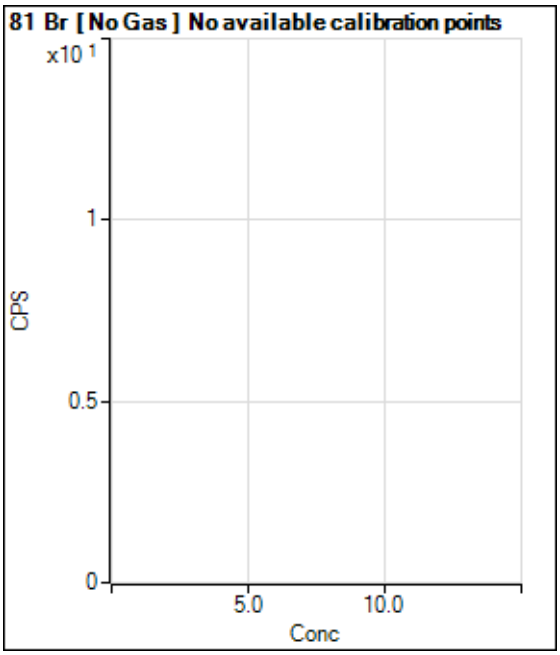


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103.33	0.0001	P	17.7
2	☐	5.000	4.736	196.67	0.0002	P	21.7
3	☐	50.000	50.167	1104.50	0.0009	P	2.9
4	☐	125.000	129.519	2611.37	0.0022	P	3.3
5	☐	250.000	261.645	5160.94	0.0043	P	3.3
6	☐	500.000	506.528	9768.84	0.0083	P	1.2
7	☐	1000.000	993.253	18869.88	0.0162	P	2.5
8	☐			85.56	0.0001	P	9.2

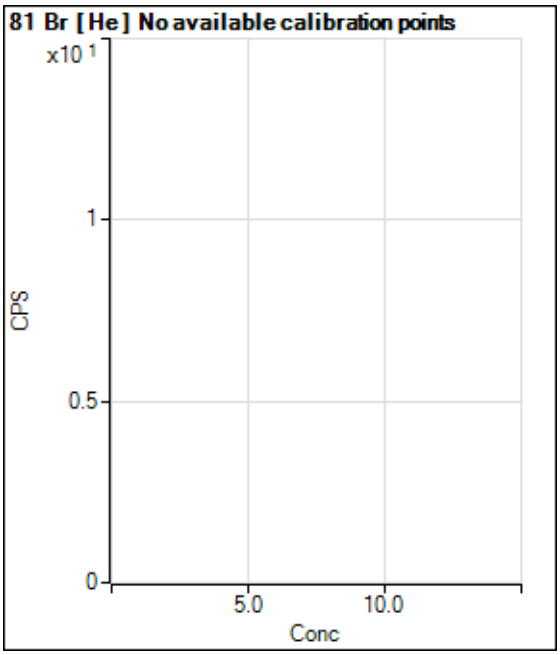
y = 1.6225E-005 * x + 8.5957E-005
R = 0.9999
DL = 2.814
BEC = 5.298

Weight: <None>
Min Conc: 0

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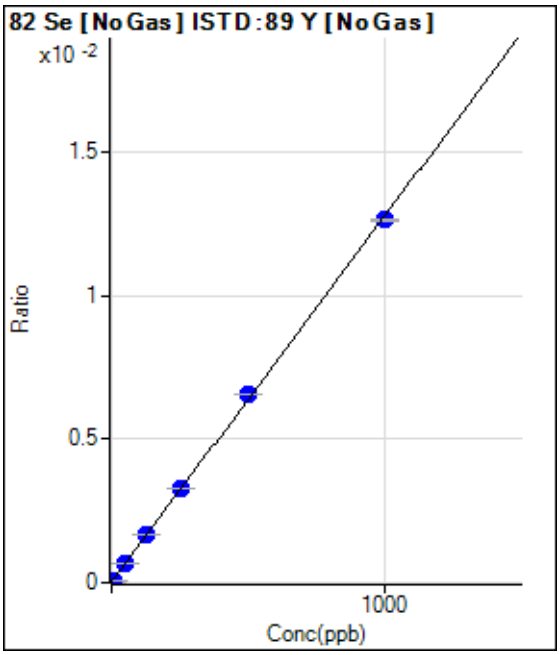


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7042.85		P	2.1
2	☐			7109.55		P	0.8
3	☐			6859.43		P	2.9
4	☐			6852.76		P	3.2
5	☐			6906.13		P	1.4
6	☐			6752.73		P	2.7
7	☐			6810.51		P	0.9
8	☐			6614.88		P	3.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			48.89		P	3.9
2	☐			32.22		P	59.7
3	☐			34.44		P	43.6
4	☐			25.56		P	30.1
5	☐			31.11		P	27.0
6	☐			31.11		P	22.3
7	☐			28.89		P	48.0
8	☐			51.11		P	26.4

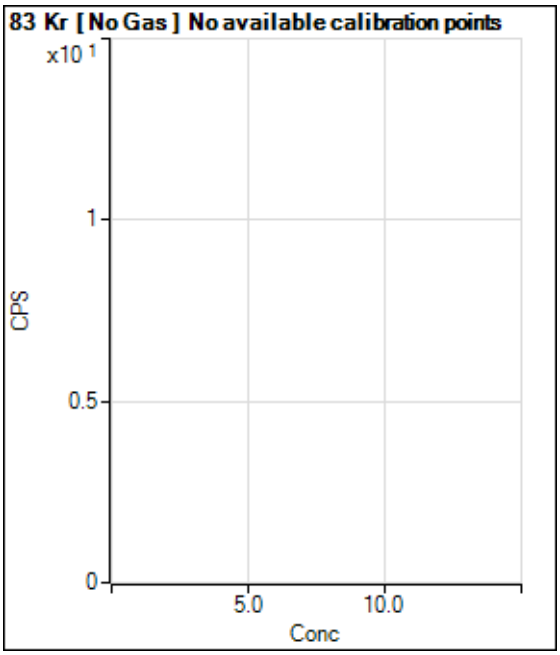
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.53	0.0000	P	15.3
2	☐	5.000	5.262	432.93	0.0001	P	5.8
3	☐	50.000	53.131	3426.52	0.0007	P	1.6
4	☐	125.000	129.029	8244.87	0.0017	P	0.5
5	☐	250.000	256.294	15990.05	0.0033	P	1.6
6	☐	500.000	514.984	31622.28	0.0066	P	0.5
7	☐	1000.000	990.273	61221.12	0.0126	P	0.7
8	☐			146.54	0.0000	P	25.1

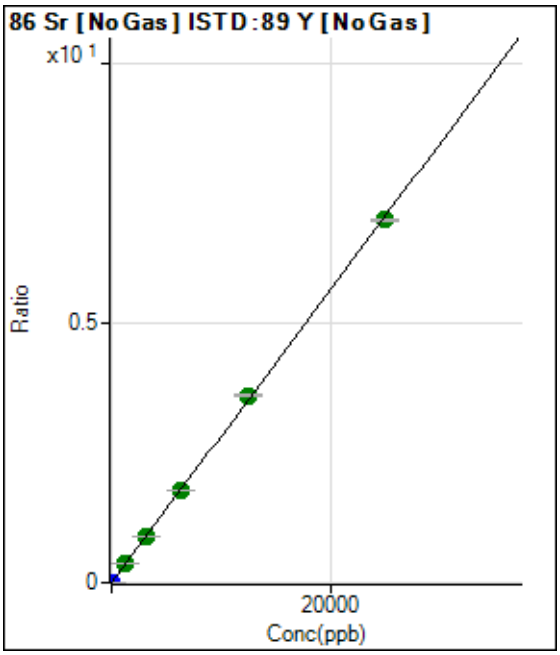
y = 1.2751E-005 * x + 2.0103E-005
R = 0.9998
DL = 0.7229
BEC = 1.577

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			77.78		P	27.2
2	☐			77.78		P	27.6
3	☐			75.55		P	9.2
4	☐			90.00		P	35.3
5	☐			91.11		P	4.2
6	☐			74.44		P	6.8
7	☐			90.00		P	16.1
8	☐			107.78		P	19.9

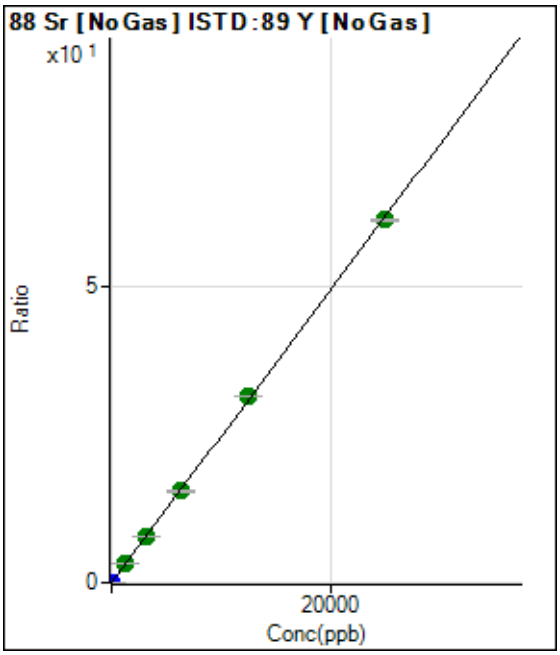
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0000	P	18.1
2	☐	1.000	1.060	1611.22	0.0003	P	2.7
3	☐	1250.000	1294.833	1790520.96	0.3645	A	0.7
4	☐	3125.000	3162.824	4407949.90	0.8904	A	1.0
5	☐	6250.000	6313.216	8642586.05	1.7772	A	1.7
6	☐	12500.000	12817.694	17323201.41	3.6083	A	0.7
7	☐	25000.000	24818.379	33820953.94	6.9865	A	0.6
8	☐			4725.31	0.0011	P	8.3

y = 2.8151E-004 * x + 2.6058E-005
R = 0.9999
DL = 0.05015
BEC = 0.09257

Weight: <None>
Min Conc: 0

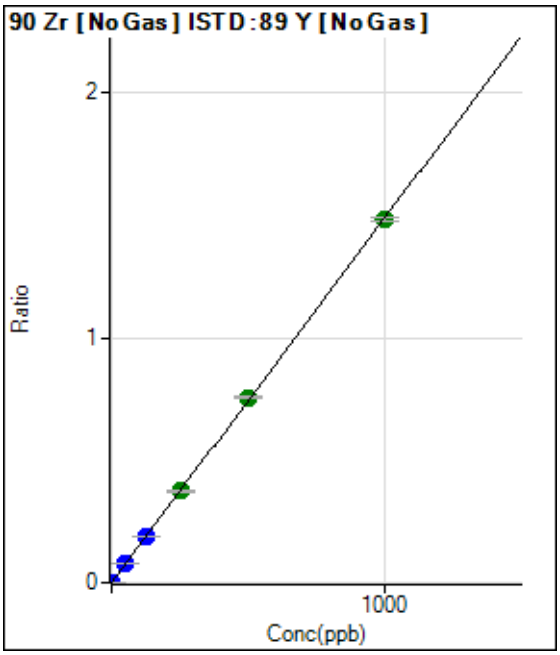


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.34	0.0000	P	8.0
2	☐	1.000	1.048	13015.87	0.0026	P	1.2
3	☐	1250.000	1269.517	15408010.74	3.1370	A	1.5
4	☐	3125.000	3148.208	38516109.70	7.7793	A	1.0
5	☐	6250.000	6283.359	75507466.10	15.5263	A	1.0
6	☐	12500.000	12783.261	151650786.6	31.5876	A	0.8
7	☐	25000.000	24846.153	297210486.6	61.3952	A	0.8
8	☐			40264.39	0.0090	P	4.6

y = 0.0025 * x + 3.1578E-005
R = 0.9999
DL = 0.003072
BEC = 0.01278

Weight: <None>
Min Conc: 0

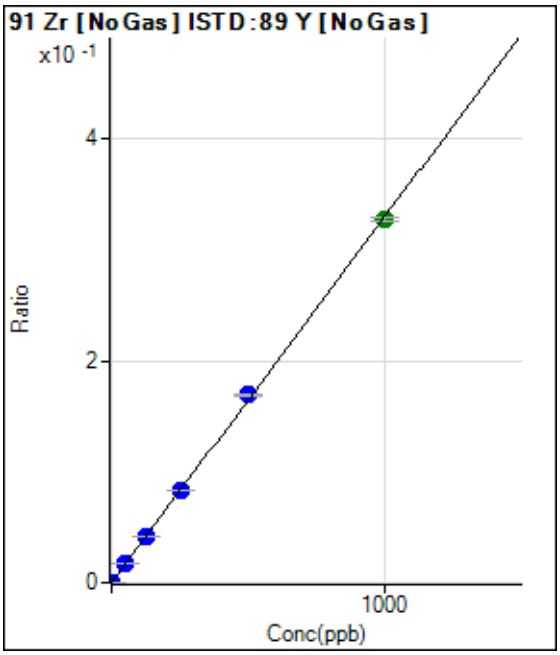
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.33	0.0000	P	9.2
2	☐	1.000	1.128	8492.53	0.0017	P	3.4
3	☐	50.000	50.761	371389.59	0.0756	P	0.3
4	☐	125.000	124.490	917807.33	0.1854	P	0.5
5	☐	250.000	252.079	1825372.09	0.3754	A	1.5
6	☐	500.000	507.502	3627830.05	0.7557	A	1.0
7	☐	1000.000	995.755	7176687.04	1.4826	A	1.0
8	☐			3462.67	0.0008	P	4.0

y = 0.0015 * x + 3.1560E-005
R = 1.0000
DL = 0.005877
BEC = 0.0212

Weight: <None>
Min Conc: 0

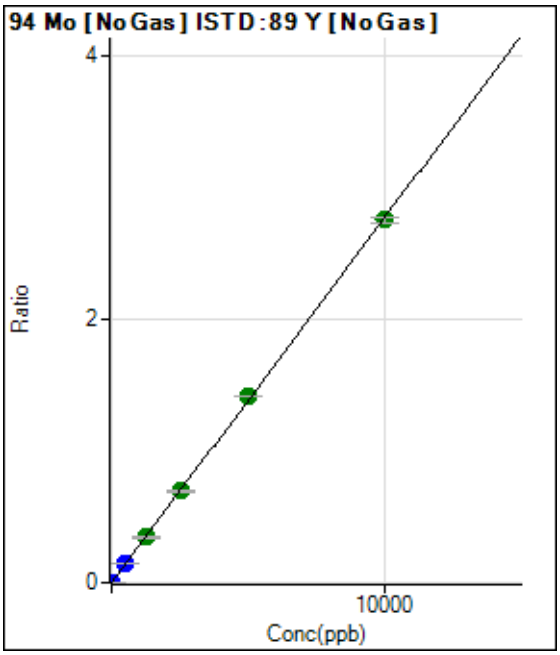


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	36.6
2	☐	1.000	1.074	1779.02	0.0004	P	5.7
3	☐	50.000	50.857	82284.30	0.0168	P	1.5
4	☐	125.000	126.121	205646.90	0.0415	P	0.9
5	☐	250.000	252.992	405184.76	0.0833	P	1.5
6	☐	500.000	513.252	811498.48	0.1690	P	0.5
7	☐	1000.000	992.443	1582110.22	0.3268	A	1.0
8	☐			804.47	0.0002	P	8.2

y = 3.2932E-004 * x + 4.7937E-006
R = 0.9999
DL = 0.01599
BEC = 0.01456

Weight: <None>
Min Conc: 0

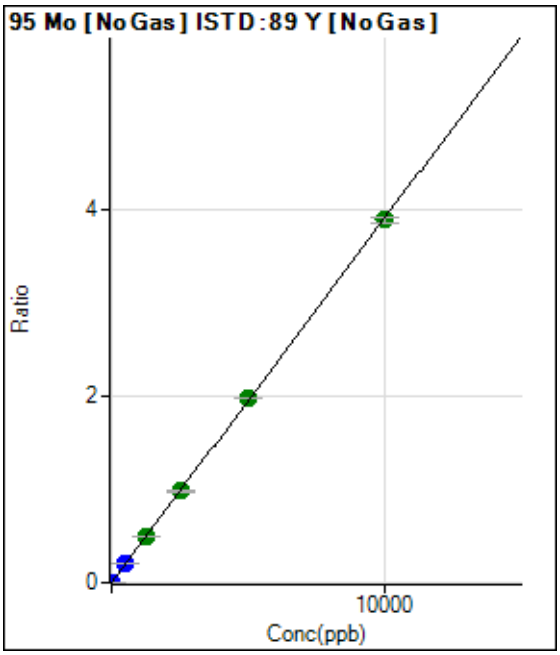
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.22	0.0000	P	34.7
2	☐	5.000	6.813	9467.57	0.0019	P	1.7
3	☐	500.000	507.968	692170.67	0.1409	P	0.8
4	☐	1250.000	1245.130	1710062.67	0.3454	A	1.5
5	☐	2500.000	2528.797	3411095.68	0.7015	A	2.0
6	☐	5000.000	5096.148	6786713.79	1.4136	A	0.2
7	☐	10000.000	9944.936	13352683.55	2.7586	A	1.9
8	☐			2896.98	0.0006	P	3.1

y = 2.7739E-004 * x + 1.6951E-005
R = 0.9999
DL = 0.06357
BEC = 0.06111

Weight: <None>
Min Conc: 0

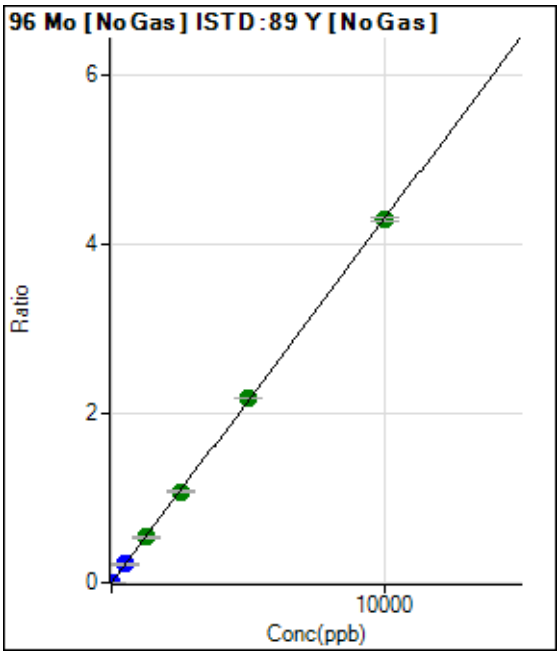


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0000	P	25.3
2	☐	5.000	5.595	10876.35	0.0022	P	1.4
3	☐	500.000	506.501	971615.29	0.1978	P	0.8
4	☐	1250.000	1263.859	2443585.07	0.4936	A	0.9
5	☐	2500.000	2516.172	4778487.98	0.9827	A	1.9
6	☐	5000.000	5071.031	9507844.30	1.9804	A	0.6
7	☐	10000.000	9958.384	18824592.36	3.8891	A	1.7
8	☐			2803.63	0.0006	P	2.5

y = 3.9053E-004 * x + 5.4956E-006
R = 1.0000
DL = 0.01066
BEC = 0.01407

Weight: <None>
Min Conc: 0

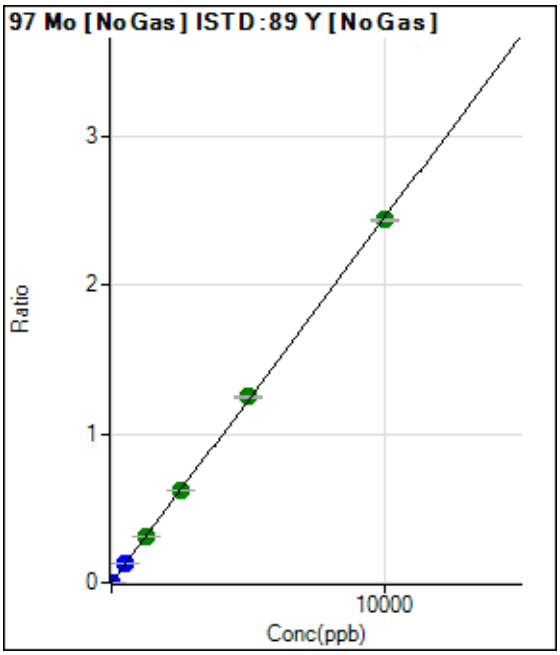
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0000	P	42.8
2	☐	5.000	5.769	12378.65	0.0025	P	2.0
3	☐	500.000	502.949	1063894.91	0.2166	P	1.2
4	☐	1250.000	1248.098	2660992.37	0.5375	A	1.2
5	☐	2500.000	2508.038	5252479.92	1.0801	A	1.7
6	☐	5000.000	5063.939	10470079.15	2.1808	A	0.7
7	☐	10000.000	9966.111	20775584.00	4.2920	A	0.9
8	☐			6061.32	0.0014	P	1.9

y = 4.3065E-004 * x + 8.6651E-006
R = 1.0000
DL = 0.02584
BEC = 0.02012

Weight: <None>
Min Conc: 0

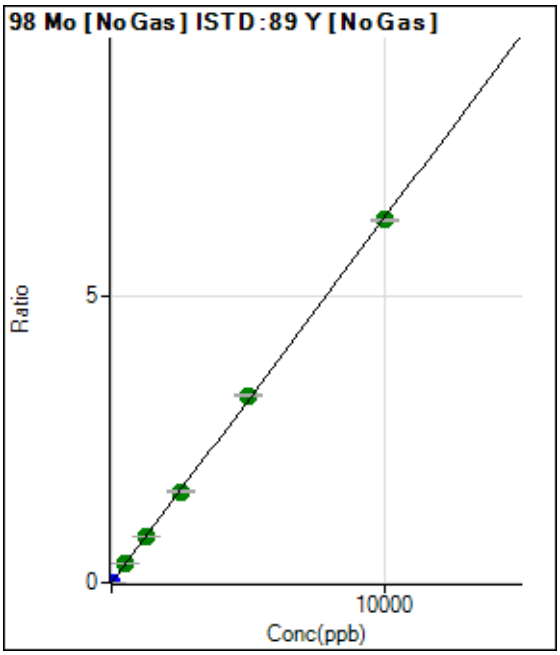


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.56	0.0000	P	60.6
2	☐	5.000	5.660	6916.14	0.0014	P	1.6
3	☐	500.000	505.800	610065.78	0.1242	P	1.0
4	☐	1250.000	1246.863	1515789.42	0.3062	A	1.0
5	☐	2500.000	2532.626	3024463.50	0.6219	A	1.1
6	☐	5000.000	5095.521	6007065.33	1.2512	A	1.1
7	☐	10000.000	9944.185	11820332.60	2.4419	A	0.4
8	☐			1557.88	0.0003	P	5.6

y = 2.4556E-004 * x + 3.1882E-006
R = 0.9999
DL = 0.0236
BEC = 0.01298

Weight: <None>
Min Conc: 0

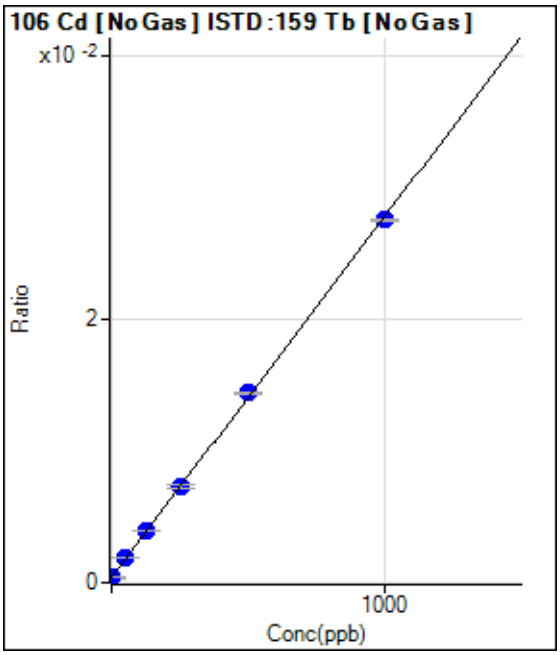
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.34	0.0000	P	9.4
2	☐	5.000	5.699	18018.98	0.0036	P	0.9
3	☐	500.000	506.174	1578505.41	0.3214	A	1.2
4	☐	1250.000	1242.188	3904647.09	0.7887	A	0.2
5	☐	2500.000	2499.742	7718222.46	1.5871	A	1.1
6	☐	5000.000	5118.804	15602494.21	3.2499	A	1.0
7	☐	10000.000	9941.330	30553244.55	6.3117	A	0.3
8	☐			3809.42	0.0009	P	5.0

y = 6.3489E-004 * x + 1.0971E-005
R = 0.9999
DL = 0.004879
BEC = 0.01728

Weight: <None>
Min Conc: 0

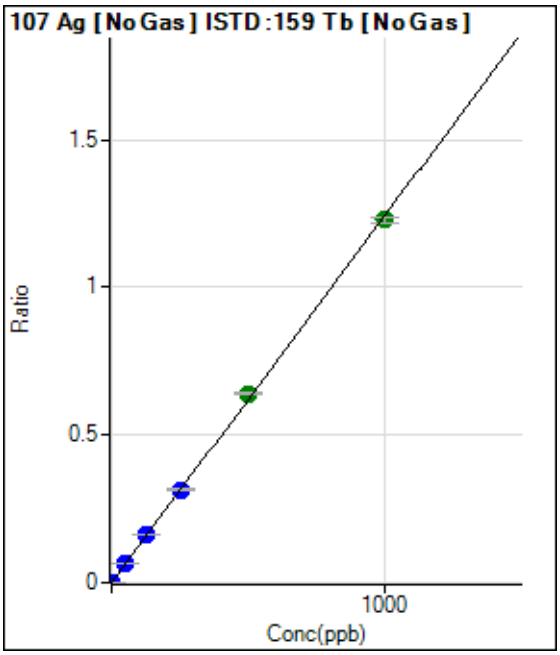


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1513.43	0.0004	P	7.9
2	☐	1.000	1.401	1703.45	0.0004	P	2.6
3	☐	50.000	54.136	7733.23	0.0019	P	2.9
4	☐	125.000	128.847	16358.22	0.0039	P	1.3
5	☐	250.000	253.718	30915.10	0.0073	P	3.0
6	☐	500.000	512.557	60187.23	0.0144	P	1.0
7	☐	1000.000	992.104	115989.58	0.0275	P	0.8
8	☐			1478.98	0.0004	P	5.0

y = 2.7377E-005 * x + 3.7095E-004
R = 0.9999
DL = 3.195
BEC = 13.55

Weight: <None>
Min Conc: 0

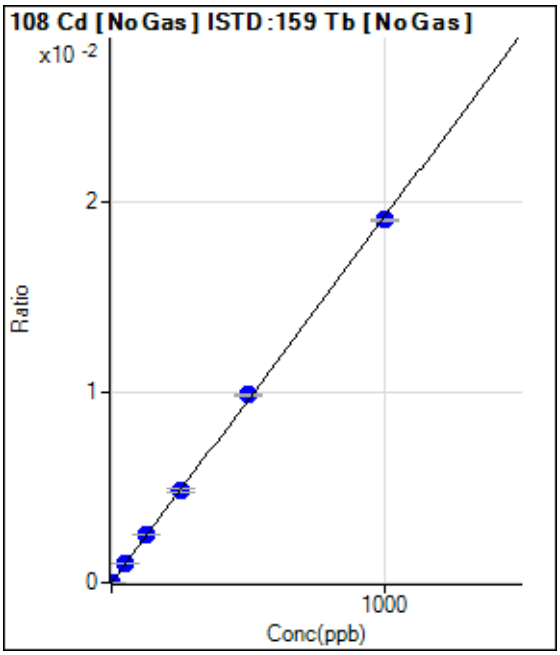
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.56	0.0000	P	22.5
2	☐	1.000	1.059	5503.32	0.0013	P	3.4
3	☐	50.000	53.507	276968.51	0.0664	P	0.8
4	☐	125.000	130.744	680630.46	0.1622	P	0.8
5	☐	250.000	253.277	1327623.28	0.3142	P	2.5
6	☐	500.000	516.542	2677502.56	0.6408	A	1.6
7	☐	1000.000	990.017	5173979.40	1.2281	A	1.4
8	☐			552.24	0.0001	P	10.8

y = 0.0012 * x + 8.6891E-006
R = 0.9998
DL = 0.004737
BEC = 0.007004

Weight: <None>
Min Conc: 0

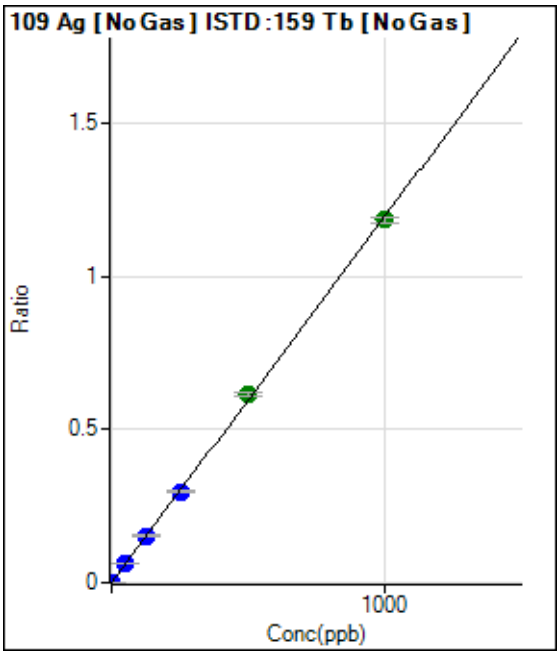


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	1.000	1.029	83.33	0.0000	P	27.1
3	☐	50.000	52.493	4211.76	0.0010	P	3.7
4	☐	125.000	131.378	10606.19	0.0025	P	3.2
5	☐	250.000	252.960	20554.65	0.0049	P	3.2
6	☐	500.000	512.752	41206.09	0.0099	P	1.0
7	☐	1000.000	991.962	80369.76	0.0191	P	0.8
8	☐			35.56	0.0000	P	42.9

y = 1.9231E-005 * x + 2.6646E-007
R = 0.9999
DL = 0.072
BEC = 0.01386

Weight: <None>
Min Conc: 0

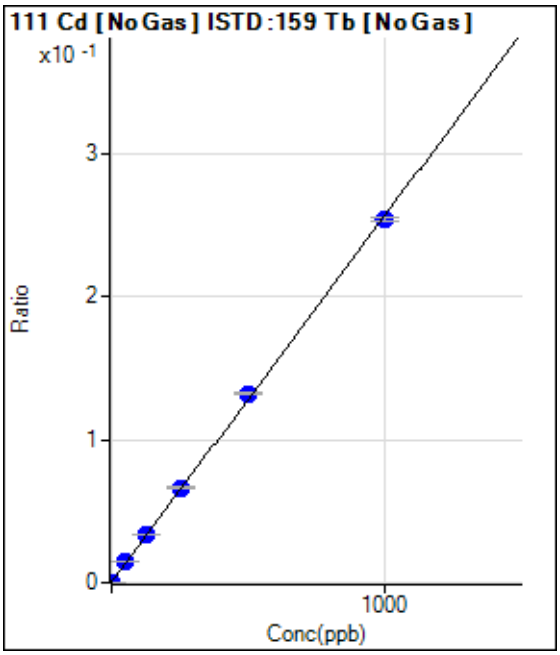
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0000	P	34.8
2	☐	1.000	0.997	4992.01	0.0012	P	0.4
3	☐	50.000	52.584	262432.36	0.0629	P	1.7
4	☐	125.000	128.401	644529.11	0.1536	P	0.8
5	☐	250.000	248.487	1255947.36	0.2972	P	2.4
6	☐	500.000	515.903	2578465.06	0.6171	A	2.4
7	☐	1000.000	991.872	4998303.99	1.1864	A	1.5
8	☐			533.35	0.0001	P	10.9

y = 0.0012 * x + 7.3673E-006
R = 0.9998
DL = 0.006438
BEC = 0.006159

Weight: <None>
Min Conc: 0

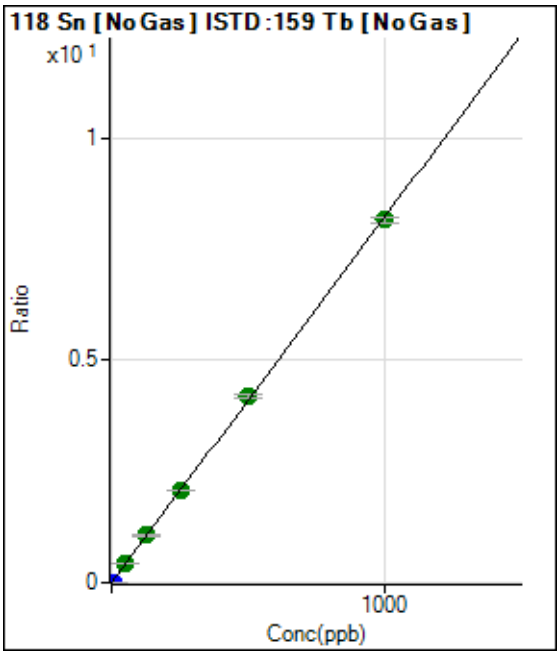


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1060.84	0.0003	P	7.8
2	☐	1.000	1.149	2307.48	0.0006	P	1.3
3	☐	50.000	54.416	59268.05	0.0142	P	0.6
4	☐	125.000	131.698	142709.84	0.0340	P	1.4
5	☐	250.000	257.350	279769.16	0.0662	P	2.6
6	☐	500.000	514.680	552241.01	0.1322	P	1.2
7	☐	1000.000	989.764	1069715.14	0.2539	P	1.0
8	☐			1148.18	0.0003	P	5.0

y = 2.5627E-004 * x + 2.6002E-004
R = 0.9998
DL = 0.2381
BEC = 1.015

Weight: <None>
Min Conc: 0

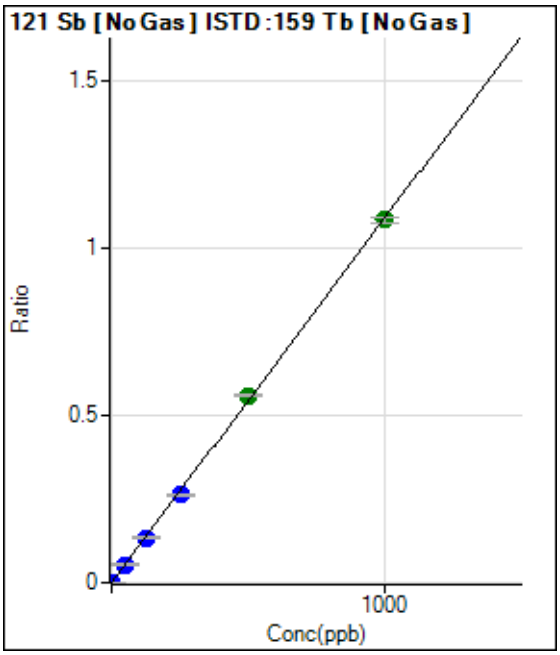
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1053.39	0.0003	P	1.0
2	☐	5.000	0.557	20101.85	0.0048	P	0.0
3	☐	50.000	52.221	1789017.77	0.4289	A	2.1
4	☐	125.000	128.951	4442378.03	1.0586	A	0.4
5	☐	250.000	253.170	8781970.35	2.0781	A	1.7
6	☐	500.000	510.803	17519465.43	4.1927	A	1.2
7	☐	1000.000	993.223	34343146.99	8.1521	A	1.7
8	☐			4180.66	0.0011	P	4.1

y = 0.0082 * x + 2.5793E-004
R = 0.9999
DL = 0.0009869
BEC = 0.03143

Weight: <None>
Min Conc: 0

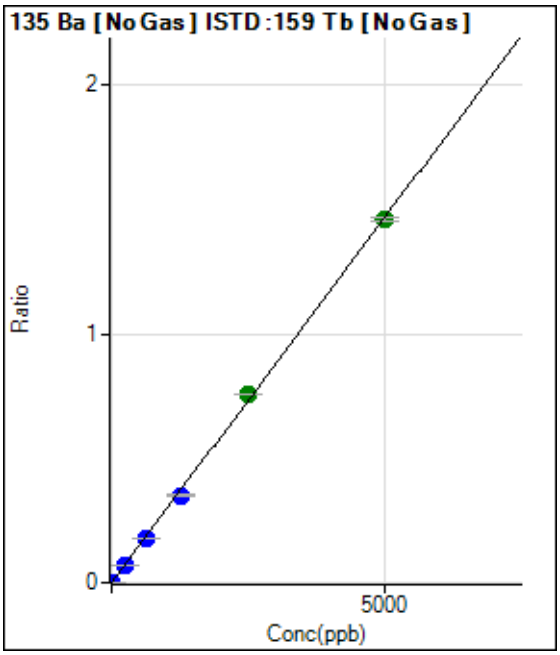


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	13.6
2	☐	2.000	2.032	9258.60	0.0022	P	3.5
3	☐	50.000	50.101	227722.69	0.0546	P	1.5
4	☐	125.000	123.662	565294.01	0.1347	P	0.8
5	☐	250.000	241.846	1113213.52	0.2635	P	2.3
6	☐	500.000	512.634	2333427.45	0.5584	A	1.2
7	☐	1000.000	995.883	4570139.27	1.0848	A	1.7
8	☐			1906.81	0.0005	P	6.1

y = 0.0011 * x + 1.2265E-005
R = 0.9998
DL = 0.004591
BEC = 0.01126

Weight: <None>
Min Conc: 0

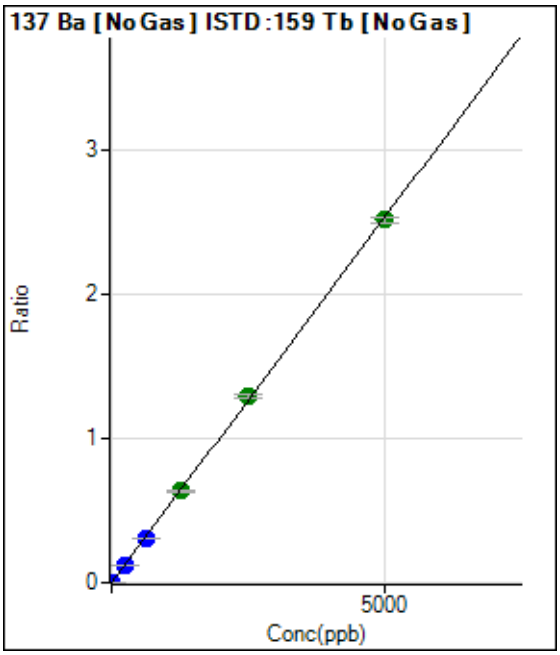
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.44	0.0000	P	43.1
2	☐	10.000	9.844	12056.30	0.0029	P	4.4
3	☐	250.000	245.631	300776.52	0.0721	P	1.7
4	☐	625.000	604.513	744525.40	0.1774	P	0.8
5	☐	1250.000	1190.941	1476964.44	0.3495	P	2.3
6	☐	2500.000	2589.178	3175647.00	0.7599	A	0.2
7	☐	5000.000	4972.955	6148858.45	1.4595	A	1.1
8	☐			2093.51	0.0005	P	3.7

y = 2.9349E-004 * x + 8.4086E-006
R = 0.9997
DL = 0.03703
BEC = 0.02865

Weight: <None>
Min Conc: 0

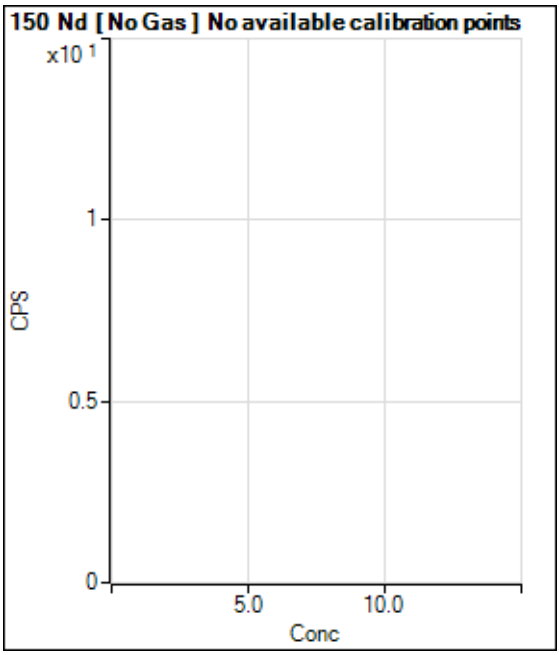


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.56	0.0000	P	1.1
2	☐	10.000	9.919	20955.50	0.0050	P	2.2
3	☐	250.000	244.624	516410.80	0.1238	P	1.6
4	☐	625.000	605.053	1284660.62	0.3061	P	0.5
5	☐	1250.000	1258.746	2690977.37	0.6369	A	2.7
6	☐	2500.000	2561.229	5414689.85	1.2959	A	1.5
7	☐	5000.000	4969.961	10593183.31	2.5145	A	1.7
8	☐			3774.99	0.0010	P	3.3

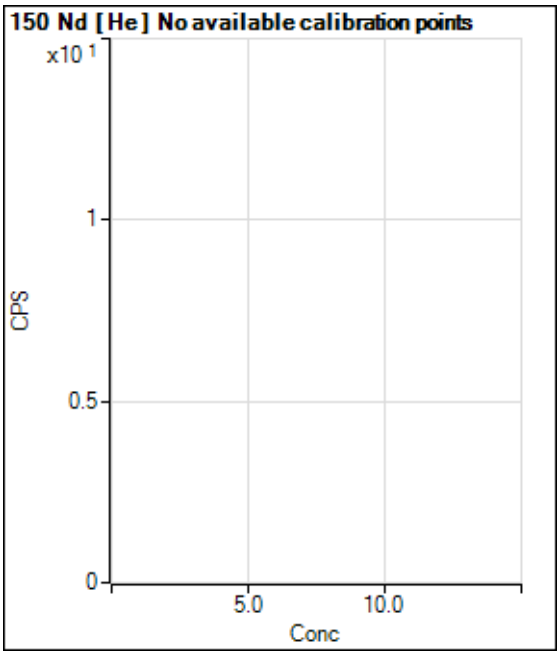
y = 5.0594E-004 * x + 1.8499E-005
R = 0.9999
DL = 0.001223
BEC = 0.03656

Weight: <None>
Min Conc: 0

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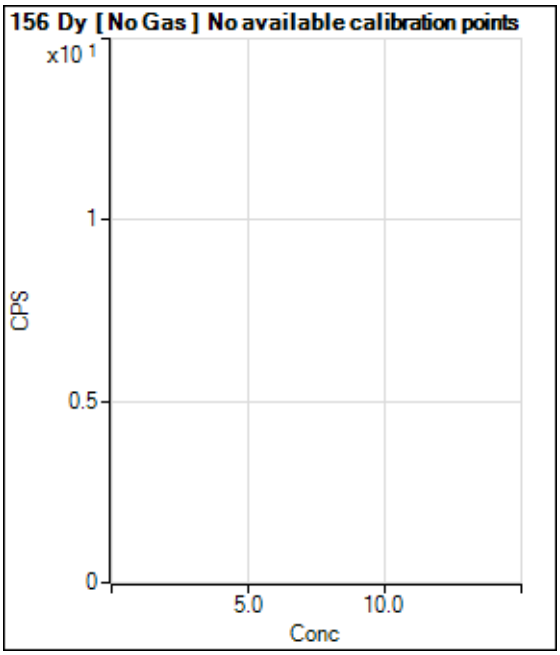


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	50.0
2	☐			1.11		P	173.
3	☐			31.11		P	24.7
4	☐			73.33		P	12.0
5	☐			156.67		P	7.7
6	☐			318.90		P	15.2
7	☐			567.80		P	7.0
8	☐			92.22		P	10.4

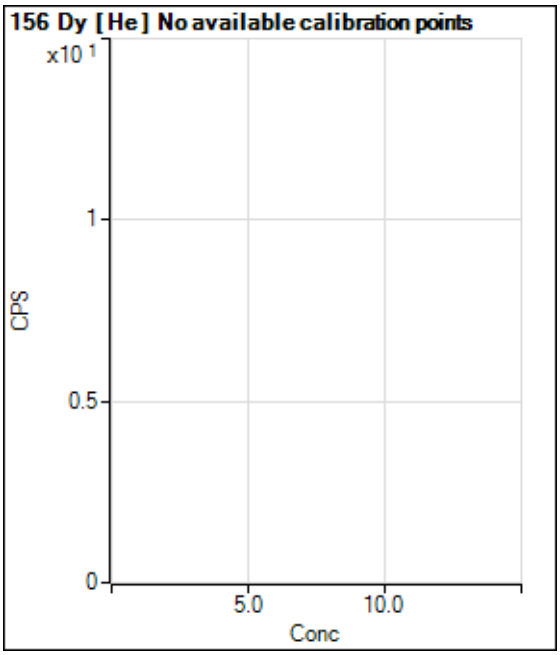


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			8.89		P	21.6
4	☐			17.78		P	57.3
5	☐			40.00		P	16.7
6	☐			83.33		P	17.4
7	☐			133.34		P	0.0
8	☐			38.89		P	32.4

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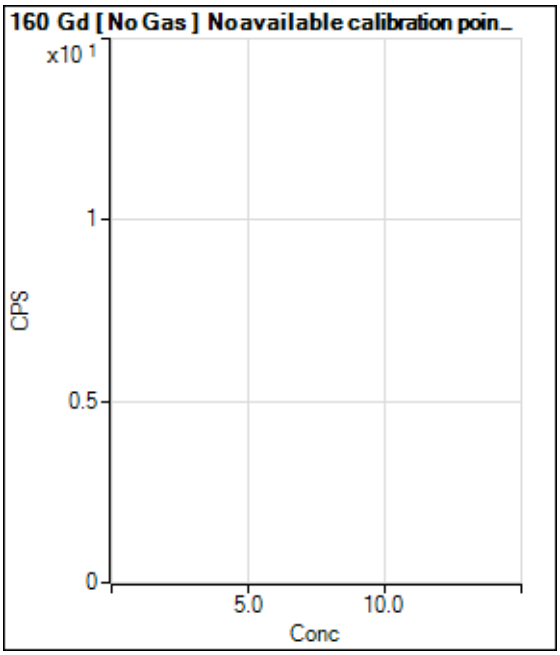


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			104.45		P	6.6
2	☐			94.45		P	16.7
3	☐			80.00		P	8.3
4	☐			112.23		P	29.9
5	☐			102.22		P	13.6
6	☐			152.22		P	11.0
7	☐			243.34		P	9.0
8	☐			214.45		P	5.9

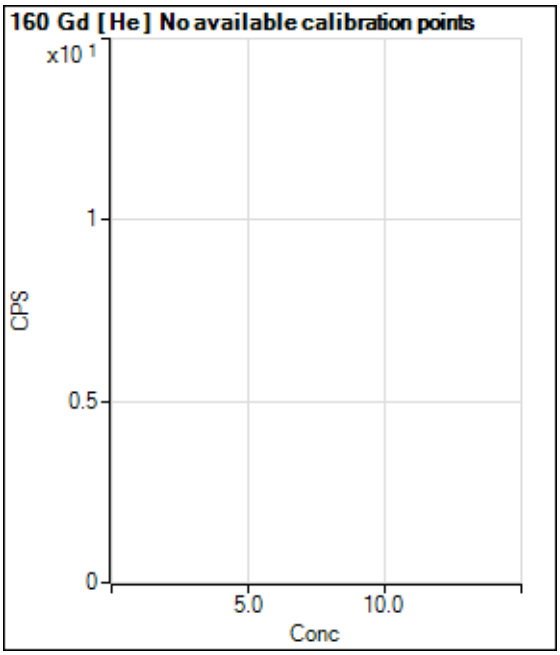


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			27.78		P	38.6
2	☐			18.89		P	36.7
3	☐			35.56		P	23.6
4	☐			40.00		P	43.3
5	☐			82.22		P	8.4
6	☐			187.78		P	8.2
7	☐			306.68		P	18.0
8	☐			148.89		P	25.0

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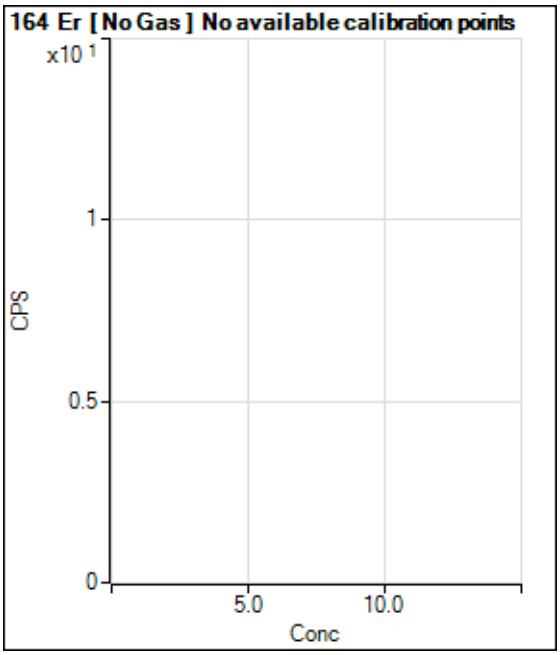


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.33		P	50.0
2	☐			14.44		P	58.1
3	☐			14.44		P	53.3
4	☐			22.22		P	22.9
5	☐			27.78		P	25.0
6	☐			68.89		P	12.2
7	☐			128.89		P	1.5
8	☐			136.67		P	16.0

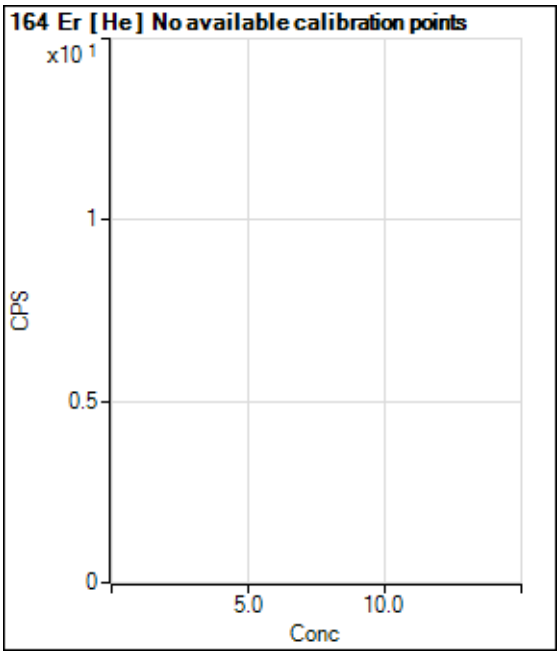


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			110.00		P	36.7
2	☐			116.67		P	9.9
3	☐			125.56		P	25.8
4	☐			131.12		P	5.3
5	☐			138.89		P	18.6
6	☐			171.11		P	7.4
7	☐			177.78		P	11.3
8	☐			205.56		P	10.4

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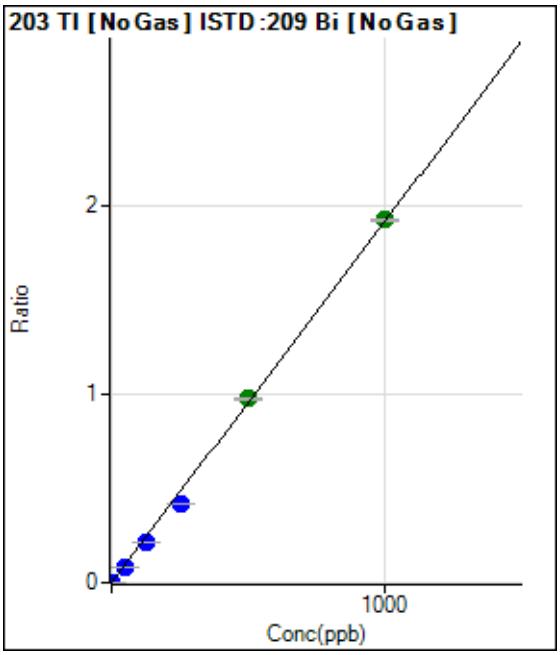


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15.55		P	44.6
2	☐			13.33		P	50.0
3	☐			21.11		P	18.2
4	☐			31.11		P	6.2
5	☐			52.22		P	43.4
6	☐			64.45		P	24.4
7	☐			107.78		P	9.4
8	☐			170.00		P	15.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	21.6
2	☐			12.22		P	15.7
3	☐			8.89		P	57.3
4	☐			26.67		P	12.5
5	☐			30.00		P	0.0
6	☐			55.55		P	6.9
7	☐			88.89		P	32.3
8	☐			113.33		P	15.6

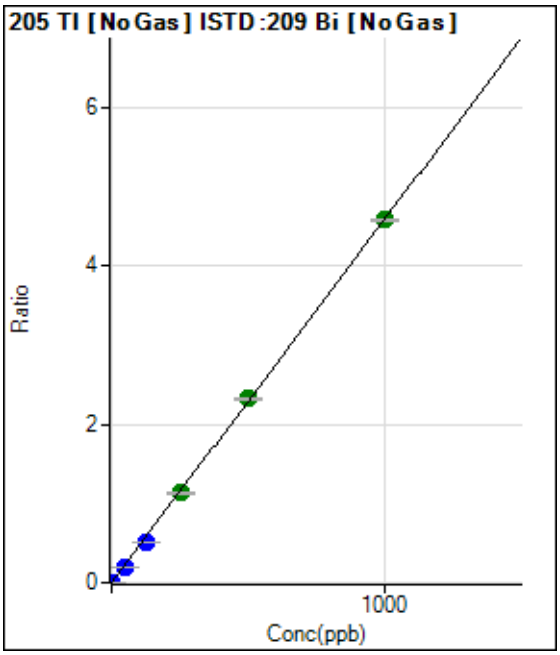
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	12.3
2	☐	1.000	0.862	4440.77	0.0017	P	2.2
3	☐	50.000	44.210	224639.33	0.0848	P	1.0
4	☐	125.000	110.871	564352.34	0.2125	P	1.1
5	☐	250.000	218.972	1120910.60	0.4197	P	0.7
6	☐	500.000	509.010	2542773.89	0.9755	A	0.8
7	☐	1000.000	1005.308	5023139.09	1.9266	A	0.8
8	☐			392.23	0.0002	P	26.7

y = 0.0019 * x + 2.7844E-005
R = 0.9994
DL = 0.005361
BEC = 0.01453

Weight: <None>
Min Conc: 0

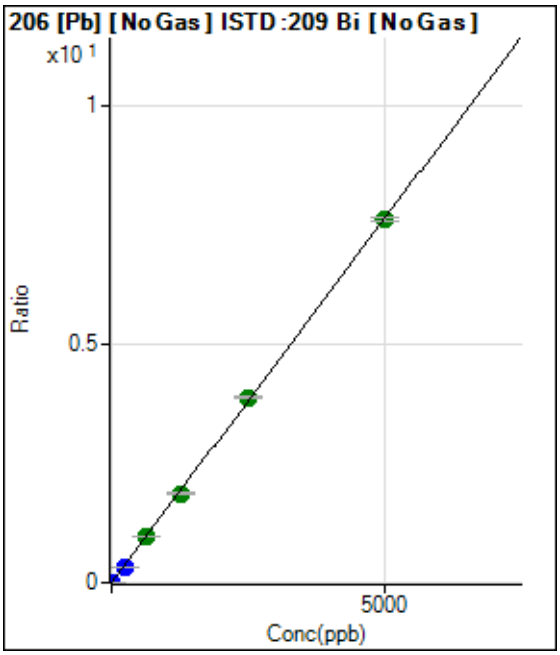


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.00	0.0001	P	12.7
2	☐	1.000	0.887	10906.65	0.0041	P	0.6
3	☐	50.000	43.926	534336.71	0.2016	P	0.4
4	☐	125.000	110.314	1344291.07	0.5062	P	1.1
5	☐	250.000	246.576	3021487.45	1.1313	A	2.3
6	☐	500.000	507.753	6072451.72	2.3296	A	1.2
7	☐	1000.000	999.119	11951865.80	4.5840	A	0.5
8	☐			935.60	0.0004	P	10.5

y = 0.0046 * x + 5.3921E-005
R = 0.9998
DL = 0.004473
BEC = 0.01175

Weight: <None>
Min Conc: 0

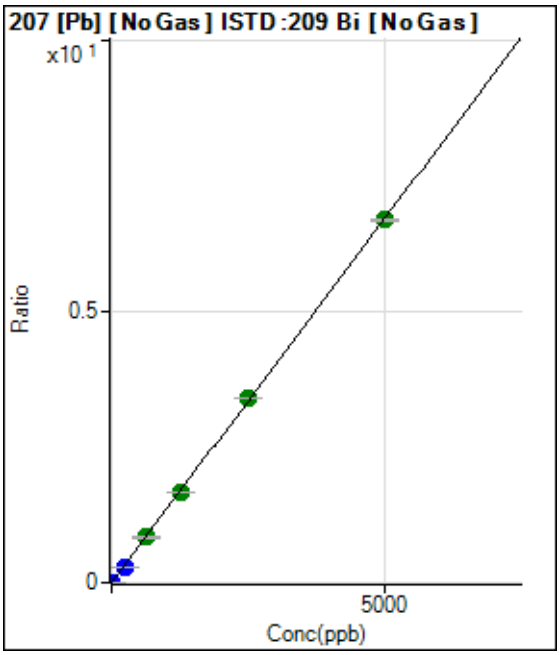
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.78	0.0001	P	4.4
2	☐	1.000	0.925	4037.30	0.0015	P	1.4
3	☐	250.000	221.350	896287.15	0.3381	P	0.4
4	☐	625.000	624.453	2532919.29	0.9537	A	0.3
5	☐	1250.000	1228.473	5010762.74	1.8761	A	1.4
6	☐	2500.000	2544.267	10127954.85	3.8854	A	0.9
7	☐	5000.000	4984.749	19846610.68	7.6123	A	0.9
8	☐			3001.55	0.0013	P	15.3

y = 0.0015 * x + 1.1472E-004
R = 0.9999
DL = 0.009985
BEC = 0.07513

Weight: <None>
Min Conc: 0

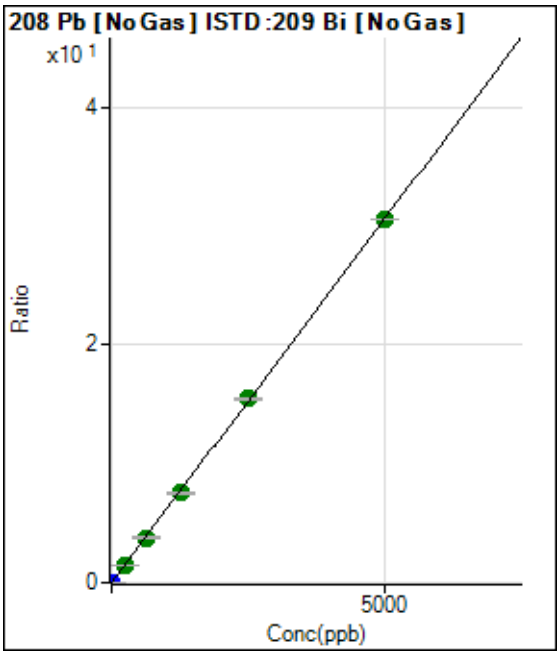


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.45	0.0001	P	5.6
2	☐	1.000	0.896	3426.02	0.0013	P	3.6
3	☐	250.000	218.889	778493.03	0.2937	P	0.1
4	☐	625.000	622.898	2219114.01	0.8356	A	1.5
5	☐	1250.000	1240.176	4443054.59	1.6635	A	1.6
6	☐	2500.000	2533.588	8858565.98	3.3984	A	0.5
7	☐	5000.000	4987.480	17442125.99	6.6898	A	0.8
8	☐			2792.94	0.0012	P	22.8

y = 0.0013 * x + 9.4221E-005
R = 0.9999
DL = 0.01177
BEC = 0.07025

Weight: <None>
Min Conc: 0

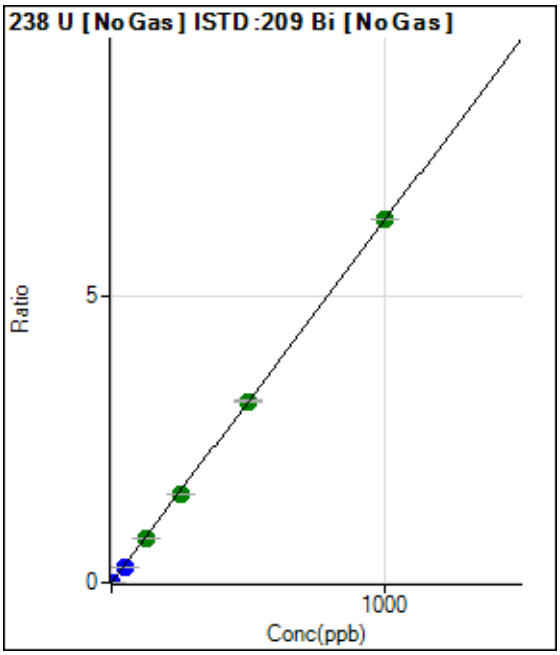
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1163.36	0.0004	P	4.2
2	☐	1.000	0.909	15879.34	0.0060	P	1.9
3	☐	250.000	235.917	3823966.01	1.4426	A	0.4
4	☐	625.000	619.821	10063924.95	3.7895	A	1.1
5	☐	1250.000	1233.110	20134898.97	7.5385	A	1.0
6	☐	2500.000	2532.327	40353070.51	15.4807	A	1.1
7	☐	5000.000	4989.410	79527037.70	30.5010	A	0.2
8	☐			14266.57	0.0063	P	36.6

y = 0.0061 * x + 4.4838E-004
R = 1.0000
DL = 0.009206
BEC = 0.07335

Weight: <None>
Min Conc: 0

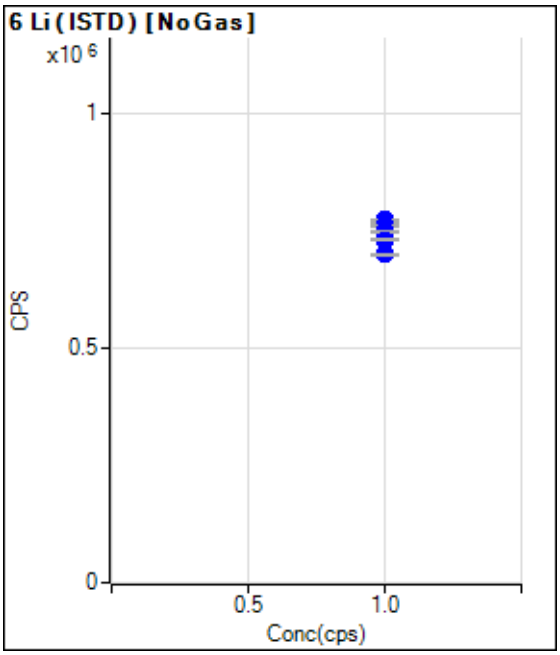


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.44	0.0000	P	41.5
2	☐	1.000	0.837	13964.05	0.0053	P	1.7
3	☐	50.000	41.628	695308.67	0.2623	P	0.4
4	☐	125.000	120.945	2023899.99	0.7621	A	1.0
5	☐	250.000	244.110	4108373.44	1.5381	A	0.6
6	☐	500.000	501.607	8238799.81	3.1606	A	0.3
7	☐	1000.000	1001.595	16455245.17	6.3110	A	0.2
8	☐			1124.56	0.0005	P	92.7

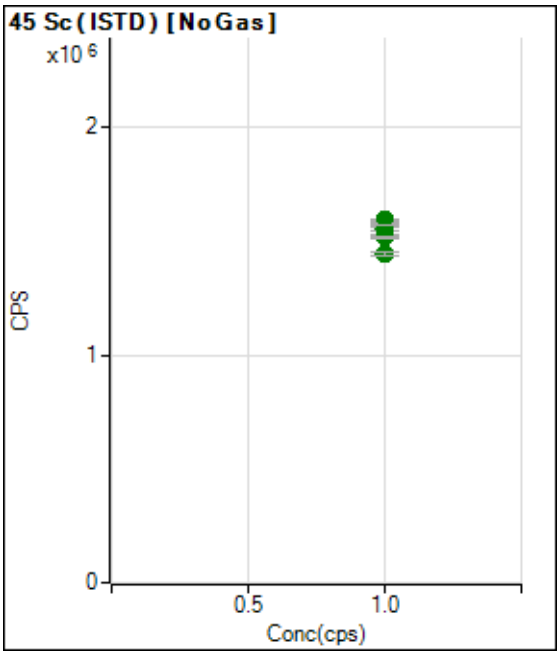
y = 0.0063 * x + 9.4200E-006
R = 1.0000
DL = 0.001862
BEC = 0.001495

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
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Inst Id :P7

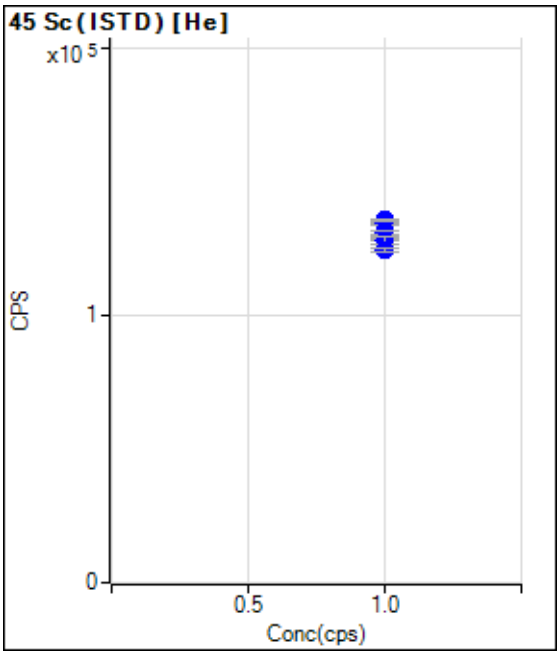


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		764455.71		P	1.4
2	☐	1.000		769715.68		P	0.5
3	☐	1.000		774034.09		P	0.3
4	☐	1.000		772742.11		P	0.7
5	☐	1.000		761579.11		P	0.3
6	☐	1.000		748959.81		P	0.1
7	☐	1.000		731291.27		P	0.3
8	☐	1.000		699669.16		P	1.0

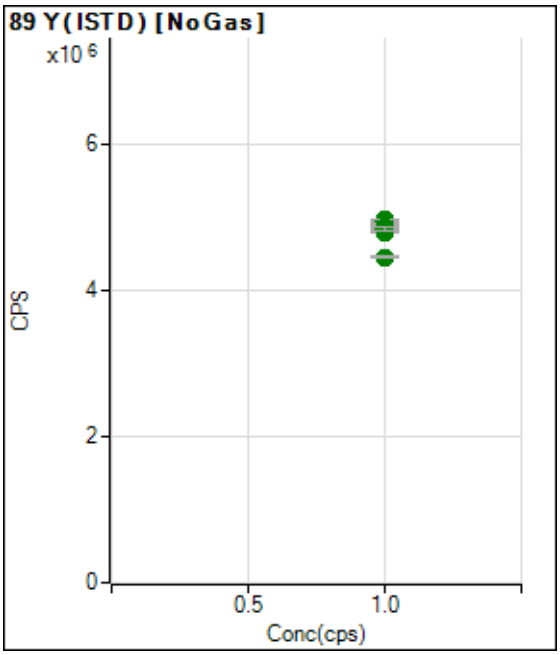


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1568741.68		A	0.8
2	☐	1.000		1583565.15		A	1.3
3	☐	1.000		1594280.72		A	0.6
4	☐	1.000		1579260.00		A	0.6
5	☐	1.000		1558627.11		A	1.2
6	☐	1.000		1526746.58		A	0.7
7	☐	1.000		1517563.71		A	0.4
8	☐	1.000		1448080.47		A	1.1

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On:10/16/2024 4:13:57 AM
Inst Id :P7

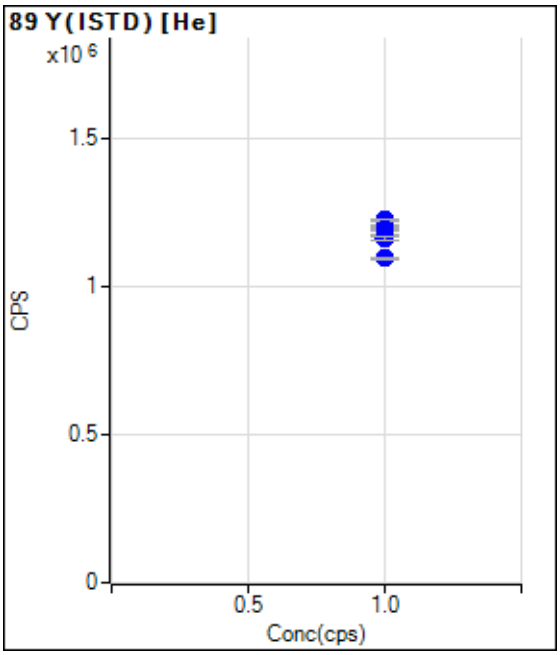


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2	☐	1.000		134386.83		P	1.3
3	☐	1.000		135700.89		P	0.2
4	☐	1.000		131488.58		P	0.2
5	☐	1.000		130633.48		P	1.1
6	☐	1.000		128315.44		P	0.4
7	☐	1.000		128052.88		P	1.7
8	☐	1.000		124217.94		P	1.0

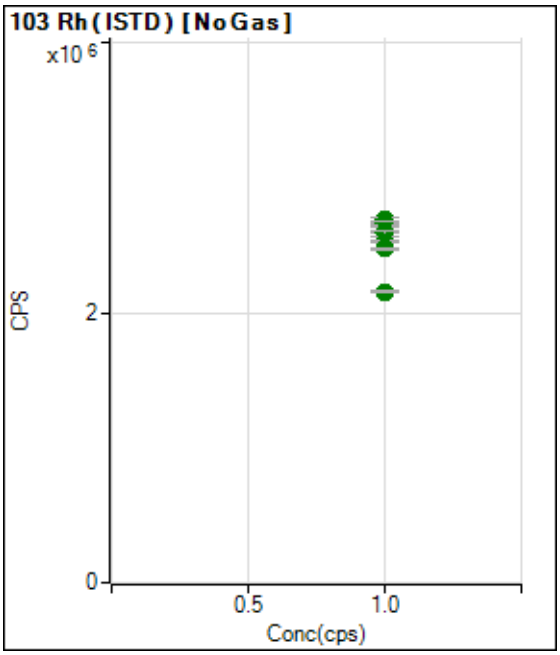


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4856881.94		A	1.6
2	☐	1.000		4965159.82		A	0.4
3	☐	1.000		4912047.91		A	1.0
4	☐	1.000		4950933.61		A	0.9
5	☐	1.000		4863592.95		A	1.3
6	☐	1.000		4800955.20		A	0.2
7	☐	1.000		4840791.91		A	0.8
8	☐	1.000		4456874.38		A	0.9

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On:10/16/2024 4:13:57 AM
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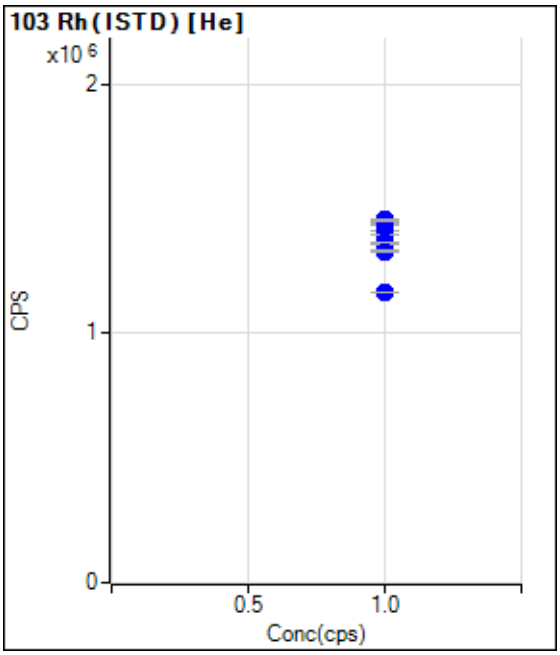


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1201843.82		P	0.3
2	☐	1.000		1207394.10		P	0.4
3	☐	1.000		1227325.75		P	0.5
4	☐	1.000		1193839.46		P	0.3
5	☐	1.000		1191666.38		P	0.2
6	☐	1.000		1176398.49		P	0.2
7	☐	1.000		1164861.11		P	0.8
8	☐	1.000		1096402.18		P	0.3

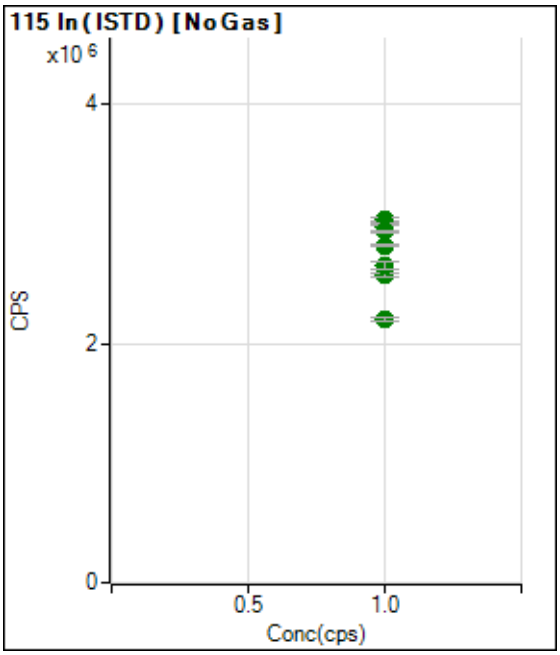


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2637586.64		A	2.4
2	☐	1.000		2686817.88		A	1.0
3	☐	1.000		2662424.42		A	0.8
4	☐	1.000		2610216.38		A	1.8
5	☐	1.000		2587951.77		A	1.4
6	☐	1.000		2527170.08		A	0.9
7	☐	1.000		2474774.86		A	0.5
8	☐	1.000		2156773.84		A	1.1

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
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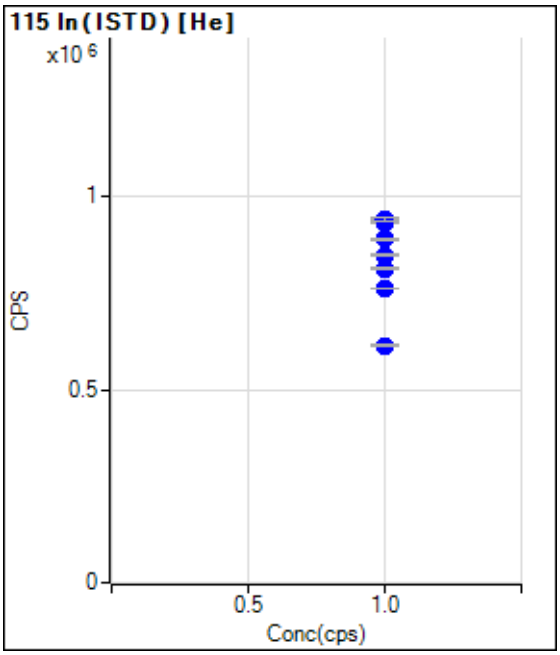


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1440777.65		P	0.5
2	☐	1.000		1447994.08		P	0.1
3	☐	1.000		1456721.80		P	0.8
4	☐	1.000		1414607.88		P	0.2
5	☐	1.000		1398057.84		P	0.4
6	☐	1.000		1364195.60		P	0.6
7	☐	1.000		1331453.49		P	0.7
8	☐	1.000		1165052.23		P	0.4

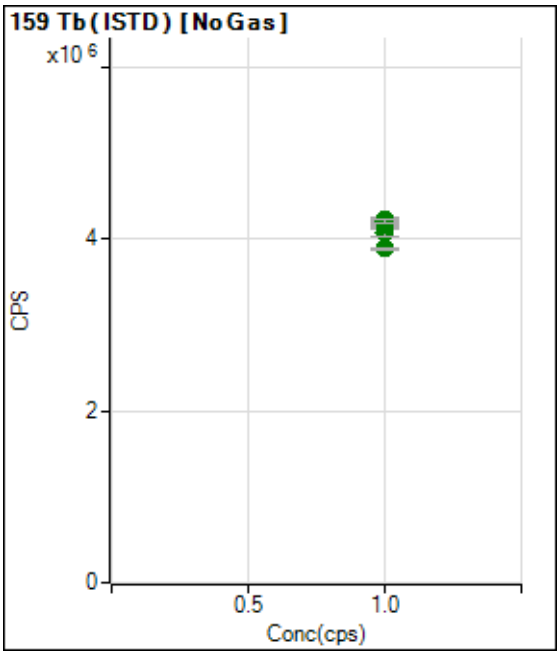


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2975046.85		A	1.9
2	☐	1.000		3032499.32		A	1.2
3	☐	1.000		3001606.87		A	0.3
4	☐	1.000		2935372.01		A	0.6
5	☐	1.000		2818584.37		A	0.7
6	☐	1.000		2570520.06		A	1.7
7	☐	1.000		2201257.23		A	1.7
8	☐	1.000		2658636.70		A	2.4

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

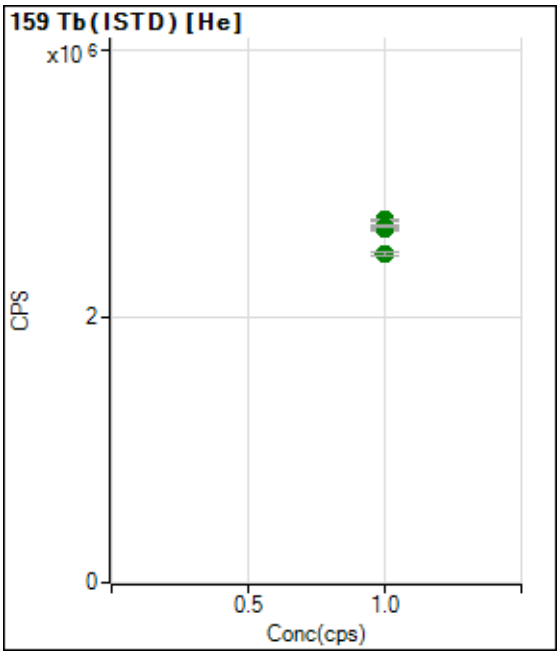


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1	☐	1.000		934655.35		P	0.1
2	☐	1.000		938969.72		P	0.4
3	☐	1.000		940597.01		P	1.0
4	☐	1.000		891822.37		P	0.5
5	☐	1.000		848017.74		P	0.6
6	☐	1.000		762230.80		P	0.3
7	☐	1.000		614745.39		P	1.1
8	☐	1.000		814453.09		P	0.2

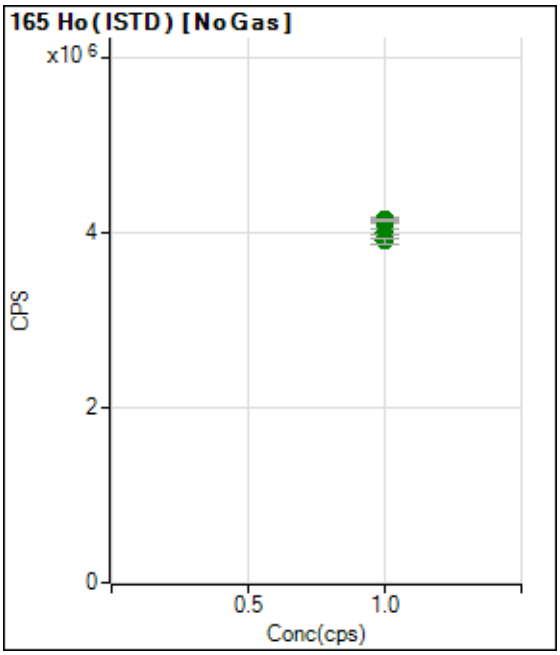


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐	1.000		4161070.74		A	0.9
3	☐	1.000		4172412.06		A	1.5
4	☐	1.000		4196502.96		A	1.3
5	☐	1.000		4226715.14		A	1.9
6	☐	1.000		4178921.43		A	1.0
7	☐	1.000		4213101.81		A	0.6
8	☐	1.000		3888572.68		A	1.0

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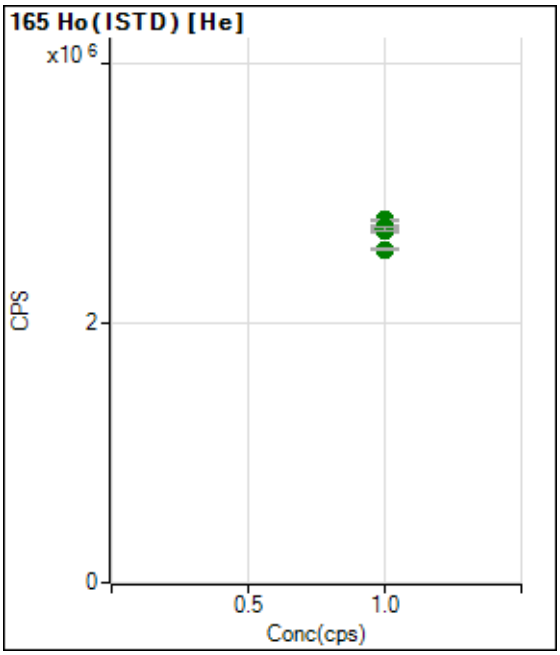


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1	☐	1.000		2653997.46		A	0.7
2	☐	1.000		2681799.96		A	0.3
3	☐	1.000		2727002.49		A	0.8
4	☐	1.000		2672286.28		A	0.4
5	☐	1.000		2681123.97		A	0.7
6	☐	1.000		2670339.75		A	0.6
7	☐	1.000		2675860.13		A	0.6
8	☐	1.000		2473103.66		A	0.9

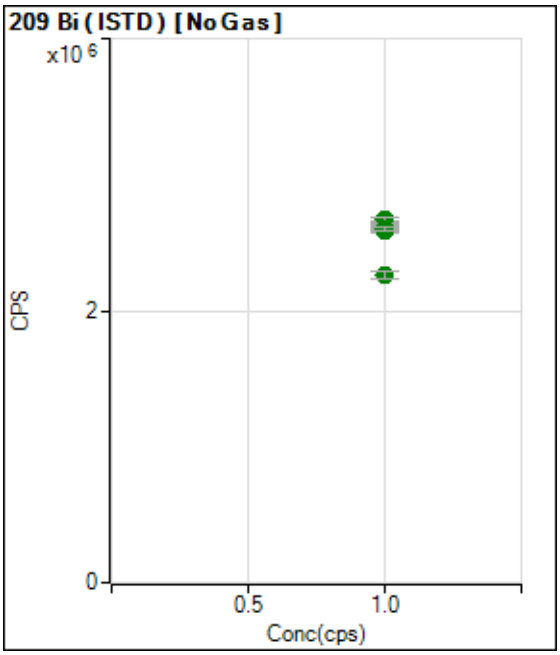


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3999925.71		A	1.7
2	☐	1.000		4120581.78		A	0.4
3	☐	1.000		4106869.14		A	0.1
4	☐	1.000		4142269.07		A	1.8
5	☐	1.000		4134624.87		A	0.8
6	☐	1.000		4135603.44		A	0.7
7	☐	1.000		4135082.37		A	0.7
8	☐	1.000		3903600.32		A	1.5

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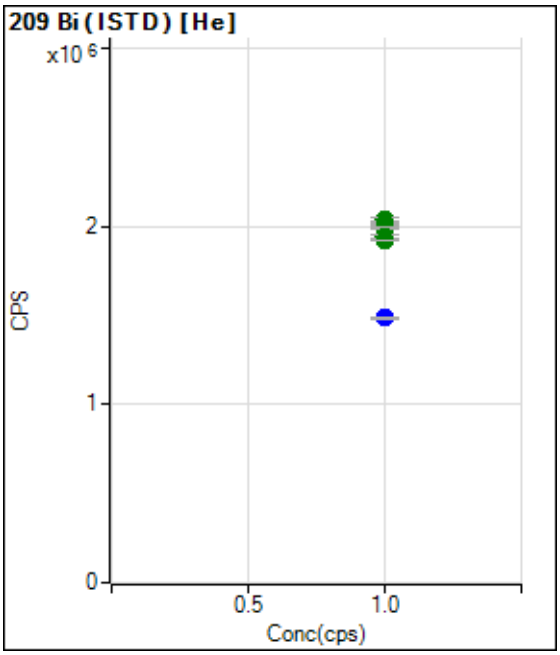


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2712366.17		A	0.7
2	☐	1.000		2722291.66		A	1.4
3	☐	1.000		2797469.82		A	0.7
4	☐	1.000		2728404.58		A	0.7
5	☐	1.000		2741106.90		A	1.3
6	☐	1.000		2739835.97		A	0.7
7	☐	1.000		2725087.58		A	1.4
8	☐	1.000		2568701.07		A	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2595207.79		A	0.9
2	☐	1.000		2644039.69		A	0.3
3	☐	1.000		2650727.74		A	0.8
4	☐	1.000		2655895.62		A	0.6
5	☐	1.000		2671163.17		A	1.3
6	☐	1.000		2606760.97		A	0.9
7	☐	1.000		2607392.69		A	1.3
8	☐	1.000		2269535.32		A	2.4

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2006697.23		A	0.5
2	☐	1.000		2000362.59		A	1.8
3	☐	1.000		2037395.31		A	1.0
4	☐	1.000		2017047.92		A	0.4
5	☐	1.000		1996948.58		A	0.5
6	☐	1.000		1944808.41		A	0.7
7	☐	1.000		1920353.08		A	0.1
8	☐	1.000		1486349.77		P	0.3

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7
ClientSampleId :TUNE022

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7101424MS2.b
Acq. Date-Time	2024-10-14 13:39:04
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		1925	19252.13			0.526	5.000
24		64389	643891.90			0.599	5.000
25		8270	82698.70			0.936	5.000
26		9211	92107.28			0.994	5.000
59		14936	149363.18			0.576	5.000
113		1315	13148.91			0.716	5.000
115		29137	291368.29			0.670	5.000
206		7101	71013.26			1.152	5.000
207		6012	60115.88			1.317	5.000
208		14654	146536.71			1.151	5.000
220		0	1.40			29.881	

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

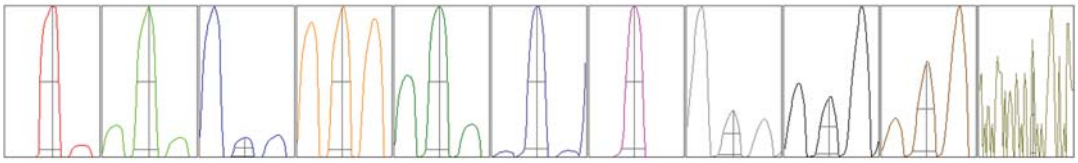
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	1922	1926	1940	1912	1926
24	63755	64726	64671	64368	64427
25	8138	8276	8308	8338	8289
26	9068	9186	9254	9234	9312
59	14804	14905	14954	15017	15001
113	1303	1307	1318	1322	1325
115	28860	29216	29079	29394	29134
206	6996	7036	7143	7142	7190
207	5903	5952	6074	6049	6079
208	14413	14560	14691	14774	14831

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	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3430.18	9.05	8.90 - 9.10	
24	116297.70	24.00	23.90 - 24.10	
25	14764.19	24.95	24.90 - 25.10	
26	16607.86	25.95	25.90 - 26.10	
59	26026.53	58.95	58.90 - 59.10	
113	2523.76	112.95	112.90 - 113.10	
115	56889.41	114.95	114.90 - 115.10	
206	14242.68	206.00	205.90 - 206.10	
207	11575.54	206.95	206.90 - 207.10	
208	28829.85	207.95	207.90 - 208.10	
220	0.25	220.25	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.690	0.900	
24	0.59	0.776	0.900	
25	0.58	0.724	0.900	
26	0.59	0.735	0.900	
59	0.60	0.738	0.900	
113	0.54	0.741	0.900	
115	0.52	0.754	0.900	
206	0.52	0.733	0.900	
207	0.52	0.734	0.900	
208	0.52	0.751	0.900	
220	0.11	0.146		

Integration Time [sec] 0.1
Acquisition Time [sec] 256.770000000002
Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.9
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.7 V	Deflect	16.4 V
Extract 2	-105.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 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	190 V		

QP Parameters

Mass Gain	135	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	131	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.7 mm		

EM

Discriminator	4.9 mV	Analog HV	2395 V	Pulse HV	1766 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4817	48171.14			0.303	
89		47777	477767.63			0.376	
205		16496	164960.43			0.254	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4831	4813	4823	4794	4825
89	47955	47890	47645	47532	47862
205	16552	16458	16511	16450	16509

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	8.2 V	Deflect	3.0 V

US EPA Tune Check Report

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7
ClientSampleId :TUNE022

Extract 2	-105.0 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	135	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	131	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.7 mm		

EM

Discriminator	4.9 mV	Analog HV	2395 V	Pulse HV	1766 V

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:52:29	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-0.05	0.20	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	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.03	-0.03	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.03	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.99	-1.13	0.14	0.00	N/A	ppb
Cadmium	111-1	0.07	-0.08	0.01	0.00	N/A	ppb
Calcium	43-1	-0.15	0.26	-0.11	0.00	N/A	ppb
Calcium	44-1	0.25	0.72	-0.97	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.01	-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	0.03	-0.11	0.08	0.00	N/A	ppb
Iron	57-2	-0.51	-1.64	2.15	0.00	N/A	ppb
Iron	54-2	-0.04	-0.63	0.67	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:52:29	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	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.19	0.10	-0.29	0.00	N/A	ppb
Manganese	55-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-243.79	-202.23	-133.96	-193.33		ppb
Potassium	39-2	0.16	-1.77	1.61	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.11	0.17	-0.28	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.01	-0.85	-0.15	0.00	N/A	ppb
Silicon	28-1	0.02	-0.03	0.01	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	0.15	1.02	-1.16	0.00	N/A	ppb
Strontium	86-1	0.00	-0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	95.94	-67.02	-64.04	-11.71		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.03	0.00	0.02	0.00	N/A	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:52:29	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	-0.02	0.00	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	N/A	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:55:53	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	190.35	183.84	183.69	185.96	2.05	ppb
Antimony	121-1	2.01	1.97	2.11	2.03	3.48	ppb
Arsenic	75-2	0.81	1.18	1.16	1.05	19.92	ppb
Barium	135-1	9.35	10.15	10.03	9.84	4.41	ppb
Barium	137-1	9.90	9.71	10.15	9.92	2.18	ppb
Beryllium	9-1	1.05	1.12	1.08	1.08	3.29	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.77	0.98	1.33	1.03	27.51	ppb
Cadmium	106-1	1.48	1.75	0.97	1.40	28.09	ppb
Cadmium	111-1	1.14	1.18	1.13	1.15	2.36	ppb
Calcium	43-1	542.86	569.71	552.96	555.18	2.44	ppb
Calcium	44-1	562.66	576.02	560.94	566.54	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	2.18	2.00	2.07	4.36	ppb
Cobalt	59-2	1.06	1.07	1.14	1.09	3.81	ppb
Copper	63-2	2.26	2.05	2.19	2.17	4.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	60.92	58.49	59.38	59.60	2.07	ppb
Iron	57-2	65.27	59.51	64.43	63.07	4.94	ppb
Iron	54-2	61.46	60.33	61.63	61.14	1.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:55:53	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.91	0.94	0.93	0.92	1.50	ppb
Lead	207-1	0.86	0.93	0.90	0.90	3.92	ppb
Lead	208-1	0.89	0.93	0.90	0.91	2.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	577.50	567.44	576.45	573.80	0.96	ppb
Manganese	55-2	1.31	1.30	1.27	1.29	1.91	ppb
Molybdenum	94-1	6.69	6.92	6.82	6.81	1.72	ppb
Molybdenum	95-1	5.54	5.55	5.69	5.59	1.42	ppb
Molybdenum	96-1	5.67	5.74	5.90	5.77	2.02	ppb
Molybdenum	97-1	5.60	5.61	5.77	5.66	1.62	ppb
Molybdenum	98-1	5.70	5.65	5.75	5.70	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.03	1.15	1.13	7.50	ppb
Phosphorus	31-2	199.80	183.48	196.70	193.33	4.48	ppb
Potassium	39-2	565.42	555.71	556.08	559.07	0.98	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.57	5.41	4.81	5.26	7.60	ppb
Selenium	77-2	4.48	2.82	3.37	3.55	23.75	ppb
Selenium	78-2	5.89	2.22	6.09	4.74	46.00	ppb
Silicon	28-1	0.38	0.49	0.43	0.43	12.60	ppb
Silver	107-1	1.02	1.07	1.09	1.06	3.45	ppb
Silver	109-1	1.00	0.99	1.00	1.00	0.39	ppb
Sodium	23-2	550.02	538.24	545.08	544.45	1.09	ppb
Strontium	86-1	1.04	1.10	1.04	1.06	2.93	ppb
Strontium	88-1	1.06	1.05	1.03	1.05	1.19	ppb
Sulfur	34-1	-34.25	110.14	-40.77	11.71	728.70	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.87	0.84	0.88	0.86	2.24	ppb
Thallium	205-1	0.88	0.89	0.89	0.89	0.60	ppb
Tin	118-1	0.56	0.56	0.56	0.56	0.03	ppb
Titanium	47-1	6.04	5.87	6.08	6.00	1.90	ppb

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:55:53	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.85	0.84	0.84	1.67	ppb
Vanadium	51-2	5.25	5.19	5.45	5.30	2.56	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	6.17	6.10	6.02	6.10	1.20	ppb
Zirconium	90-1	1.17	1.12	1.09	1.13	3.47	ppb
Zirconium	91-1	1.14	1.03	1.04	1.07	5.74	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:59:19	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1052.80	1038.22	1039.69	1043.57	0.77	ppb
Antimony	121-1	49.86	49.49	50.96	50.10	1.52	ppb
Arsenic	75-2	50.56	50.89	51.08	50.84	0.52	ppb
Barium	135-1	243.54	242.83	250.53	245.63	1.73	ppb
Barium	137-1	241.36	243.71	248.80	244.62	1.55	ppb
Beryllium	9-1	53.05	52.36	53.25	52.89	0.88	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	50.97	51.86	54.65	52.49	3.67	ppb
Cadmium	106-1	53.17	56.36	52.87	54.14	3.57	ppb
Cadmium	111-1	54.07	54.39	54.79	54.42	0.66	ppb
Calcium	43-1	6036.61	5816.74	5914.94	5922.76	1.86	ppb
Calcium	44-1	5738.64	5698.66	5743.18	5726.83	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.71	51.06	50.84	51.20	0.88	ppb
Cobalt	59-2	52.01	50.85	50.79	51.22	1.34	ppb
Copper	63-2	520.49	517.52	517.45	518.49	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				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2708.78	2640.64	2653.43	2667.62	1.36	ppb
Iron	57-2	2811.97	2799.61	2756.31	2789.30	1.05	ppb
Iron	54-2	2834.41	2826.00	2807.70	2822.70	0.48	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:59:19	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	222.21	220.60	221.25	221.35	0.37	ppb
Lead	207-1	219.11	219.04	218.52	218.89	0.15	ppb
Lead	208-1	236.10	234.79	236.86	235.92	0.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	5433.50	5338.18	5379.37	5383.69	0.89	ppb
Manganese	55-2	517.20	510.43	512.95	513.53	0.67	ppb
Molybdenum	94-1	512.75	505.28	505.87	507.97	0.82	ppb
Molybdenum	95-1	510.23	507.18	502.09	506.50	0.81	ppb
Molybdenum	96-1	509.53	502.15	497.16	502.95	1.24	ppb
Molybdenum	97-1	510.85	505.57	500.98	505.80	0.98	ppb
Molybdenum	98-1	512.33	505.51	500.68	506.17	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.72	52.92	53.05	52.90	0.31	ppb
Phosphorus	31-2	731.08	761.70	960.40	817.73	15.23	ppb
Potassium	39-2	2689.70	2654.59	2648.29	2664.20	0.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	53.26	52.21	53.93	53.13	1.63	ppb
Selenium	77-2	46.82	58.38	49.45	51.55	11.75	ppb
Selenium	78-2	51.96	48.95	49.59	50.17	3.17	ppb
Silicon	28-1	71.24	71.15	71.98	71.46	0.63	ppb
Silver	107-1	53.08	53.49	53.94	53.51	0.80	ppb
Silver	109-1	51.98	52.19	53.58	52.58	1.66	ppb
Sodium	23-2	5082.74	4978.39	5121.39	5060.84	1.46	ppb
Strontium	86-1	1302.88	1285.44	1296.17	1294.83	0.68	ppb
Strontium	88-1	1285.21	1275.53	1247.81	1269.52	1.53	ppb
Sulfur	34-1	919.83	682.69	627.24	743.25	20.91	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	44.72	43.94	43.97	44.21	1.01	ppb
Thallium	205-1	44.11	43.77	43.90	43.93	0.39	ppb
Tin	118-1	51.80	51.37	53.49	52.22	2.14	ppb
Titanium	47-1	520.37	517.55	525.97	521.30	0.82	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:59:19	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	41.43	41.74	41.71	41.63	0.41	ppb
Vanadium	51-2	51.21	50.30	51.62	51.04	1.33	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	522.14	512.46	516.20	516.93	0.94	ppb
Zirconium	90-1	50.94	50.69	50.65	50.76	0.31	ppb
Zirconium	91-1	51.70	50.70	50.17	50.86	1.52	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:02:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2627.36	2606.27	2595.32	2609.65	0.62	ppb
Antimony	121-1	124.46	123.95	122.58	123.66	0.79	ppb
Arsenic	75-2	126.49	126.72	126.68	126.63	0.10	ppb
Barium	135-1	609.14	604.91	599.50	604.51	0.80	ppb
Barium	137-1	608.32	604.84	602.00	605.05	0.52	ppb
Beryllium	9-1	128.02	130.18	127.76	128.65	1.03	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	126.51	133.50	134.13	131.38	3.22	ppb
Cadmium	106-1	129.24	130.47	126.83	128.85	1.44	ppb
Cadmium	111-1	133.12	132.37	129.61	131.70	1.40	ppb
Calcium	43-1	14464.92	14614.10	14781.02	14620.01	1.08	ppb
Calcium	44-1	13279.07	13276.32	13161.12	13238.84	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.26	129.30	128.17	128.91	0.50	ppb
Cobalt	59-2	128.11	128.27	128.56	128.31	0.18	ppb
Copper	63-2	1334.46	1329.26	1327.13	1330.28	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				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	6626.41	6688.92	6649.63	6654.99	0.47	ppb
Iron	57-2	7009.00	7069.78	7051.01	7043.27	0.44	ppb
Iron	54-2	7125.61	7077.57	7070.89	7091.35	0.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:02:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	622.25	626.06	625.05	624.45	0.32	ppb
Lead	207-1	613.76	631.83	623.11	622.90	1.45	ppb
Lead	208-1	613.75	627.50	618.22	619.82	1.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	13026.48	12934.72	13085.45	13015.55	0.58	ppb
Manganese	55-2	1257.78	1265.86	1267.90	1263.85	0.42	ppb
Molybdenum	94-1	1235.54	1266.15	1233.69	1245.13	1.46	ppb
Molybdenum	95-1	1276.55	1259.55	1255.48	1263.86	0.88	ppb
Molybdenum	96-1	1264.70	1241.53	1238.06	1248.10	1.16	ppb
Molybdenum	97-1	1255.73	1251.49	1233.38	1246.86	0.95	ppb
Molybdenum	98-1	1240.33	1245.60	1240.64	1242.19	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.91	134.36	132.48	132.92	0.97	ppb
Phosphorus	31-2	2527.92	2575.98	2261.57	2455.16	6.90	ppb
Potassium	39-2	6285.26	6279.74	6272.90	6279.30	0.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	129.75	128.61	128.73	129.03	0.48	ppb
Selenium	77-2	108.69	123.27	126.99	119.65	8.09	ppb
Selenium	78-2	127.84	134.50	126.22	129.52	3.39	ppb
Silicon	28-1	168.16	170.95	169.05	169.38	0.84	ppb
Silver	107-1	131.11	131.52	129.60	130.74	0.78	ppb
Silver	109-1	128.90	129.02	127.28	128.40	0.76	ppb
Sodium	23-2	12593.33	12580.95	12622.49	12598.93	0.17	ppb
Strontium	86-1	3193.20	3164.91	3130.36	3162.82	1.00	ppb
Strontium	88-1	3117.93	3178.32	3148.38	3148.21	0.96	ppb
Sulfur	34-1	2094.28	2160.40	1972.25	2075.64	4.60	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	109.41	111.43	111.77	110.87	1.15	ppb
Thallium	205-1	108.94	111.01	111.00	110.31	1.08	ppb
Tin	118-1	129.47	128.83	128.55	128.95	0.37	ppb
Titanium	47-1	1278.68	1298.29	1287.20	1288.06	0.76	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:02:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	119.98	122.34	120.51	120.95	1.02	ppb
Vanadium	51-2	129.13	128.79	128.02	128.65	0.44	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	1286.73	1297.10	1291.02	1291.62	0.40	ppb
Zirconium	90-1	125.12	124.54	123.81	124.49	0.53	ppb
Zirconium	91-1	127.31	126.02	125.04	126.12	0.90	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:05:46	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5156.83	5135.17	5214.72	5168.91	0.80	ppb
Antimony	121-1	235.74	243.47	246.33	241.85	2.27	ppb
Arsenic	75-2	251.51	248.34	250.97	250.27	0.68	ppb
Barium	135-1	1161.22	1195.92	1215.69	1190.94	2.32	ppb
Barium	137-1	1221.01	1270.84	1284.39	1258.75	2.65	ppb
Beryllium	9-1	252.24	254.18	255.04	253.82	0.56	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	243.70	256.50	258.69	252.96	3.20	ppb
Cadmium	106-1	244.73	256.45	259.97	253.72	3.14	ppb
Cadmium	111-1	251.33	256.14	264.59	257.35	2.61	ppb
Calcium	43-1	28382.88	28922.07	29320.71	28875.22	1.63	ppb
Calcium	44-1	25870.83	26605.04	26571.56	26349.14	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254.56	252.80	257.72	255.03	0.98	ppb
Cobalt	59-2	253.07	250.07	255.65	252.93	1.10	ppb
Copper	63-2	2619.06	2579.24	2651.48	2616.59	1.38	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				103		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	13158.53	13222.29	13339.54	13240.12	0.69	ppb
Iron	57-2	13826.41	13828.23	14004.47	13886.37	0.74	ppb
Iron	54-2	13984.43	13839.69	14187.93	14004.02	1.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:05:46	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1240.42	1209.52	1235.48	1228.47	1.35	ppb
Lead	207-1	1260.95	1221.36	1238.22	1240.18	1.60	ppb
Lead	208-1	1241.11	1219.46	1238.76	1233.11	0.96	ppb
Lithium	6-1				100		%
Magnesium	24-2	25785.89	25272.37	25952.40	25670.22	1.38	ppb
Manganese	55-2	2534.42	2498.33	2557.33	2530.03	1.18	ppb
Molybdenum	94-1	2497.03	2501.58	2587.78	2528.80	2.02	ppb
Molybdenum	95-1	2479.80	2497.24	2571.48	2516.17	1.93	ppb
Molybdenum	96-1	2479.37	2488.86	2555.89	2508.04	1.66	ppb
Molybdenum	97-1	2540.66	2500.88	2556.33	2532.63	1.13	ppb
Molybdenum	98-1	2474.79	2493.47	2530.97	2499.74	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.25	256.78	262.44	259.15	1.13	ppb
Phosphorus	31-2	4400.04	5177.92	4976.19	4851.38	8.32	ppb
Potassium	39-2	12477.25	12461.19	12819.95	12586.13	1.61	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	252.63	255.32	260.93	256.29	1.65	ppb
Selenium	77-2	259.84	261.69	262.44	261.32	0.51	ppb
Selenium	78-2	267.07	251.41	266.46	261.65	3.39	ppb
Silicon	28-1	314.75	313.71	319.20	315.89	0.92	ppb
Silver	107-1	246.56	254.33	258.94	253.28	2.47	ppb
Silver	109-1	242.26	248.85	254.36	248.49	2.44	ppb
Sodium	23-2	24938.61	24814.59	25345.10	25032.77	1.11	ppb
Strontium	86-1	6223.82	6285.52	6430.30	6313.22	1.68	ppb
Strontium	88-1	6252.05	6245.23	6352.80	6283.36	0.96	ppb
Sulfur	34-1	4404.84	4504.29	4808.41	4572.51	4.60	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	219.50	217.24	220.17	218.97	0.70	ppb
Thallium	205-1	246.44	240.93	252.37	246.58	2.32	ppb
Tin	118-1	248.26	255.61	255.64	253.17	1.68	ppb
Titanium	47-1	2515.64	2551.94	2594.88	2554.15	1.55	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:05:46	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	245.39	242.64	244.29	244.11	0.57	ppb
Vanadium	51-2	254.29	252.19	256.55	254.34	0.86	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2547.67	2544.02	2565.91	2552.53	0.46	ppb
Zirconium	90-1	248.25	251.93	256.05	252.08	1.55	ppb
Zirconium	91-1	250.26	251.27	257.44	252.99	1.54	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:08:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10526.22	10403.62	10323.90	10417.92	0.98	ppb
Antimony	121-1	519.72	510.38	507.81	512.63	1.22	ppb
Arsenic	75-2	508.15	511.66	502.86	507.56	0.87	ppb
Barium	135-1	2582.27	2592.22	2593.04	2589.18	0.23	ppb
Barium	137-1	2600.21	2522.04	2561.44	2561.23	1.53	ppb
Beryllium	9-1	507.45	511.58	511.40	510.14	0.46	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	518.51	510.53	509.21	512.75	0.98	ppb
Cadmium	106-1	513.25	506.79	517.64	512.56	1.07	ppb
Cadmium	111-1	519.20	507.94	516.90	514.68	1.16	ppb
Calcium	43-1	58944.87	59162.59	58568.42	58891.96	0.51	ppb
Calcium	44-1	53896.15	53661.45	53380.39	53646.00	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	521.01	514.23	510.10	515.11	1.07	ppb
Cobalt	59-2	514.86	508.62	503.76	509.08	1.09	ppb
Copper	63-2	5216.87	5155.20	5152.50	5174.86	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				103		%
Holmium	165-2				101		%
Indium	115-1				86		%
Indium	115-2				82		%
Iron	56-2	27186.13	26802.83	26595.52	26861.49	1.12	ppb
Iron	57-2	28354.14	27834.34	27981.47	28056.65	0.95	ppb
Iron	54-2	27709.92	27008.80	27110.52	27276.42	1.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:08:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2518.25	2549.86	2564.69	2544.27	0.93	ppb
Lead	207-1	2525.49	2526.98	2548.30	2533.59	0.50	ppb
Lead	208-1	2500.08	2547.24	2549.66	2532.33	1.10	ppb
Lithium	6-1				98		%
Magnesium	24-2	53041.75	51709.23	51823.36	52191.45	1.42	ppb
Manganese	55-2	5150.86	5058.19	5054.28	5087.78	1.07	ppb
Molybdenum	94-1	5084.11	5096.14	5108.19	5096.15	0.24	ppb
Molybdenum	95-1	5053.51	5053.12	5106.47	5071.03	0.61	ppb
Molybdenum	96-1	5103.20	5045.18	5043.44	5063.94	0.67	ppb
Molybdenum	97-1	5031.43	5115.13	5140.00	5095.52	1.12	ppb
Molybdenum	98-1	5061.82	5161.61	5132.98	5118.80	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.36	520.63	517.12	520.37	0.60	ppb
Phosphorus	31-2	10461.70	10283.63	10404.72	10383.35	0.88	ppb
Potassium	39-2	25594.63	25388.70	25249.39	25410.91	0.68	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	513.23	513.91	517.81	514.98	0.48	ppb
Selenium	77-2	495.22	535.39	508.86	513.16	3.98	ppb
Selenium	78-2	500.14	512.74	506.71	506.53	1.24	ppb
Silicon	28-1	570.74	563.66	552.33	562.24	1.65	ppb
Silver	107-1	524.49	507.85	517.29	516.54	1.62	ppb
Silver	109-1	529.90	507.89	509.91	515.90	2.36	ppb
Sodium	23-2	51427.40	50495.08	50528.05	50816.84	1.04	ppb
Strontium	86-1	12818.75	12905.08	12729.25	12817.69	0.69	ppb
Strontium	88-1	12746.65	12893.80	12709.33	12783.26	0.76	ppb
Sulfur	34-1	10060.02	10244.60	9947.49	10084.04	1.49	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	504.54	510.78	511.71	509.01	0.77	ppb
Thallium	205-1	500.56	510.62	512.08	507.75	1.23	ppb
Tin	118-1	517.89	507.04	507.47	510.80	1.20	ppb
Titanium	47-1	5128.01	5089.88	5079.21	5099.03	0.50	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:08:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	499.89	502.26	502.67	501.61	0.30	ppb
Vanadium	51-2	518.51	515.31	512.59	515.47	0.57	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	5163.83	5112.61	5075.64	5117.36	0.87	ppb
Zirconium	90-1	502.86	506.95	512.69	507.50	0.97	ppb
Zirconium	91-1	511.06	512.45	516.25	513.25	0.52	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:11:40	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19364.51	19975.62	19617.66	19652.60	1.56	ppb
Antimony	121-1	977.40	999.54	1010.71	995.88	1.70	ppb
Arsenic	75-2	987.09	995.94	1004.69	995.91	0.88	ppb
Barium	135-1	4927.97	4958.53	5032.37	4972.96	1.08	ppb
Barium	137-1	4902.20	4940.17	5067.51	4969.96	1.74	ppb
Beryllium	9-1	985.62	995.54	998.95	993.37	0.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	982.74	994.74	998.41	991.96	0.83	ppb
Cadmium	106-1	986.55	988.27	1001.49	992.10	0.82	ppb
Cadmium	111-1	979.04	992.63	997.62	989.76	0.97	ppb
Calcium	43-1	110948.58	109715.74	111052.52	110572.28	0.67	ppb
Calcium	44-1	104787.45	103933.27	105198.71	104639.81	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	964.45	1010.75	996.71	990.64	2.40	ppb
Cobalt	59-2	981.25	992.56	1008.95	994.25	1.40	ppb
Copper	63-2	9735.02	9982.16	9900.21	9872.46	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				74		%
Indium	115-2				66		%
Iron	56-2	50733.79	52195.53	52356.48	51761.93	1.73	ppb
Iron	57-2	51151.76	51646.76	52978.48	51925.67	1.82	ppb
Iron	54-2	51794.37	52507.94	53279.77	52527.36	1.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:11:40	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5035.88	4972.66	4945.71	4984.75	0.93	ppb
Lead	207-1	5009.43	5012.95	4940.06	4987.48	0.82	ppb
Lead	208-1	4997.41	4989.88	4980.94	4989.41	0.17	ppb
Lithium	6-1				96		%
Magnesium	24-2	99264.72	102424.06	101493.50	101060.76	1.61	ppb
Manganese	55-2	9779.96	9968.81	10089.83	9946.20	1.57	ppb
Molybdenum	94-1	10025.42	10077.15	9732.23	9944.94	1.87	ppb
Molybdenum	95-1	10099.73	9999.06	9776.36	9958.38	1.66	ppb
Molybdenum	96-1	10071.71	9926.16	9900.46	9966.11	0.93	ppb
Molybdenum	97-1	9987.10	9918.70	9926.76	9944.18	0.38	ppb
Molybdenum	98-1	9970.22	9925.35	9928.43	9941.33	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	971.10	993.79	994.28	986.39	1.34	ppb
Phosphorus	31-2	19592.80	19909.64	20078.15	19860.20	1.24	ppb
Potassium	39-2	47868.84	49297.58	49476.01	48880.81	1.80	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	988.74	997.76	984.32	990.27	0.69	ppb
Selenium	77-2	983.08	965.83	1024.65	991.19	3.05	ppb
Selenium	78-2	965.01	1010.60	1004.14	993.25	2.48	ppb
Silicon	28-1	929.73	944.58	963.33	945.88	1.78	ppb
Silver	107-1	976.59	988.64	1004.82	990.02	1.43	ppb
Silver	109-1	977.14	990.91	1007.57	991.87	1.54	ppb
Sodium	23-2	97173.62	98796.13	99545.92	98505.22	1.23	ppb
Strontium	86-1	24654.15	24949.47	24851.51	24818.38	0.61	ppb
Strontium	88-1	24609.07	25001.76	24927.63	24846.15	0.84	ppb
Sulfur	34-1	19991.43	20247.46	20153.31	20130.73	0.64	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1013.06	996.39	1006.48	1005.31	0.83	ppb
Thallium	205-1	1004.25	994.70	998.41	999.12	0.48	ppb
Tin	118-1	978.06	989.80	1011.80	993.22	1.72	ppb
Titanium	47-1	9913.48	9918.49	9961.41	9931.12	0.27	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:11:40	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1001.38	1000.08	1003.32	1001.59	0.16	ppb
Vanadium	51-2	970.85	996.38	1004.79	990.67	1.78	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	9788.08	9874.91	10103.42	9922.14	1.64	ppb
Zirconium	90-1	1002.11	1000.47	984.69	995.75	0.97	ppb
Zirconium	91-1	1002.90	982.70	991.73	992.44	1.02	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:14:26	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98510.55	100486.66	101050.89	100016.03	1.33	ppb
Antimony	121-1	0.41	0.45	0.46	0.44	6.23	ppb
Arsenic	75-2	0.74	0.65	0.66	0.69	7.36	ppb
Barium	135-1	1.88	1.78	1.76	1.81	3.77	ppb
Barium	137-1	1.95	1.86	1.83	1.88	3.41	ppb
Beryllium	9-1	0.60	0.45	0.44	0.50	18.56	ppb
Bismuth	209-1				87		%
Bismuth	209-2				74		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.47	0.25	0.66	0.46	44.15	ppb
Cadmium	106-1	0.49	0.95	-0.42	0.34	205.89	ppb
Cadmium	111-1	0.12	0.20	0.09	0.14	41.94	ppb
Calcium	43-1	498941.83	494999.53	496279.55	496740.30	0.40	ppb
Calcium	44-1	500663.56	497537.90	497641.07	498614.18	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.79	2.83	3.84	3.15	18.85	ppb
Cobalt	59-2	2.48	2.58	2.58	2.55	2.18	ppb
Copper	63-2	1.83	1.77	1.77	1.79	2.16	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				98		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	247594.83	250108.03	250535.10	249412.66	0.64	ppb
Iron	57-2	246978.79	250213.35	250459.32	249217.16	0.78	ppb
Iron	54-2	245863.02	248375.86	253263.38	249167.42	1.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:14:26	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.94	0.73	0.69	0.79	16.79	ppb
Lead	207-1	1.09	0.72	0.73	0.84	24.74	ppb
Lead	208-1	1.38	0.75	0.72	0.95	39.47	ppb
Lithium	6-1				92		%
Magnesium	24-2	492025.08	501149.19	505380.90	499518.39	1.37	ppb
Manganese	55-2	3.94	4.46	4.41	4.27	6.65	ppb
Molybdenum	94-1	2.36	2.27	2.21	2.28	3.21	ppb
Molybdenum	95-1	1.55	1.61	1.63	1.60	2.50	ppb
Molybdenum	96-1	3.21	3.12	3.09	3.14	1.95	ppb
Molybdenum	97-1	1.47	1.44	1.32	1.41	5.65	ppb
Molybdenum	98-1	1.40	1.26	1.32	1.33	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.54	3.48	3.60	3.54	1.64	ppb
Phosphorus	31-2	-59.18	-156.24	-59.56	-91.66		ppb
Potassium	39-2	246756.53	251118.91	252652.40	250175.95	1.22	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	1.72	0.82	0.46	1.00	64.63	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.24	-0.22	-1.00	-0.49		ppb
Silicon	28-1	11.40	9.07	7.36	9.28	21.82	ppb
Silver	107-1	0.12	0.10	0.10	0.11	11.47	ppb
Silver	109-1	0.12	0.09	0.11	0.11	11.50	ppb
Sodium	23-2	494934.75	498789.75	506913.02	500212.51	1.22	ppb
Strontium	86-1	4.01	3.39	3.63	3.67	8.48	ppb
Strontium	88-1	3.82	3.61	3.49	3.64	4.61	ppb
Sulfur	34-1	-455.39	-524.68	-257.34	-412.47		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.10	0.07	0.06	0.08	31.90	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	12.09	ppb
Tin	118-1	0.10	0.10	0.11	0.10	5.44	ppb
Titanium	47-1	1.34	1.16	1.29	1.26	7.44	ppb

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:14:26	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.04	0.03	0.08	94.56	ppb
Vanadium	51-2	0.20	0.16	0.20	0.19	11.53	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	2.41	2.46	2.76	2.55	7.37	ppb
Zirconium	90-1	0.52	0.48	0.50	0.50	4.16	ppb
Zirconium	91-1	0.54	0.58	0.49	0.53	8.42	ppb

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICV022	Instrumnet Name :	P7
Client Sample ID :	ICV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:28:07	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	499.87	510.29	505.78	505.31	1.03	ppb
Antimony	121-1	197.72	200.32	199.81	199.28	0.69	ppb
Arsenic	75-2	211.15	207.53	207.65	208.78	0.98	ppb
Barium	135-1	96.58	98.11	97.74	97.48	0.82	ppb
Barium	137-1	98.76	98.19	98.67	98.54	0.31	ppb
Beryllium	9-1	105.79	106.08	106.19	106.02	0.20	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	89.57	91.68	93.98	91.74	2.40	ppb
Cadmium	106-1	90.62	89.53	92.82	90.99	1.85	ppb
Cadmium	111-1	107.62	108.66	108.47	108.25	0.51	ppb
Calcium	43-1	2086.53	2150.95	2119.49	2118.99	1.52	ppb
Calcium	44-1	2112.02	2171.49	2153.96	2145.82	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.92	105.96	104.69	105.19	0.65	ppb
Cobalt	59-2	104.33	105.22	105.18	104.91	0.48	ppb
Copper	63-2	101.96	103.29	102.22	102.49	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				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	2172.81	2192.54	2179.43	2181.59	0.46	ppb
Iron	57-2	2276.20	2265.59	2251.60	2264.46	0.54	ppb
Iron	54-2	2342.34	2342.35	2333.91	2339.53	0.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICV022	Instrumnet Name :	P7
Client Sample ID :	ICV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:28:07	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	184.62	185.63	186.62	185.62	0.54	ppb
Lead	207-1	174.80	176.70	177.53	176.35	0.79	ppb
Lead	208-1	180.10	180.07	181.73	180.63	0.53	ppb
Lithium	6-1				102		%
Magnesium	24-2	1242.82	1261.96	1256.88	1253.88	0.79	ppb
Manganese	55-2	106.04	105.32	106.31	105.89	0.48	ppb
Molybdenum	94-1	0.08	0.09	0.05	0.07	30.43	ppb
Molybdenum	95-1	0.04	0.05	0.06	0.05	14.14	ppb
Molybdenum	96-1	0.07	0.09	0.09	0.08	9.90	ppb
Molybdenum	97-1	0.03	0.04	0.06	0.04	26.56	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.05	12.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.73	109.06	109.08	109.29	0.35	ppb
Phosphorus	31-2	-167.77	-174.96	-209.73	-184.15		ppb
Potassium	39-2	2111.86	2162.81	2135.40	2136.69	1.19	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	212.27	218.28	216.89	215.81	1.46	ppb
Selenium	77-2	198.86	214.84	211.22	208.31	4.02	ppb
Selenium	78-2	221.40	215.13	212.43	216.32	2.13	ppb
Silicon	28-1	0.15	0.28	0.22	0.21	31.07	ppb
Silver	107-1	51.29	52.26	52.00	51.85	0.97	ppb
Silver	109-1	50.60	51.48	51.26	51.12	0.90	ppb
Sodium	23-2	2109.14	2128.22	2123.21	2120.19	0.47	ppb
Strontium	86-1	0.28	0.29	0.27	0.28	3.56	ppb
Strontium	88-1	0.28	0.29	0.29	0.29	1.89	ppb
Sulfur	34-1	-628.97	-476.36	-592.96	-566.09		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	178.16	177.74	180.40	178.76	0.80	ppb
Thallium	205-1	204.01	201.63	200.79	202.14	0.83	ppb
Tin	118-1	0.01	0.01	0.01	0.01	19.15	ppb
Titanium	47-1	0.04	0.15	0.20	0.13	63.48	ppb

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICV022	Instrumnet Name :	P7
Client Sample ID :	ICV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:28:07	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	59.20	ppb
Vanadium	51-2	101.19	102.57	101.73	101.83	0.68	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	207.39	207.16	207.16	207.24	0.06	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	11.30	ppb
Zirconium	91-1	0.09	0.08	0.08	0.08	7.13	ppb

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On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICB022	Instrumnet Name :	P7
Client Sample ID :	ICB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:32:57	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.88	5.79	6.17	5.95	3.32	ppb
Antimony	121-1	0.05	0.05	0.09	0.06	37.46	ppb
Arsenic	75-2	0.03	0.01	0.01	0.02	57.80	ppb
Barium	135-1	-0.01	0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.10	0.09	0.07	0.09	17.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.15	0.07	0.07	0.10	50.43	ppb
Cadmium	106-1	-0.66	-1.44	-1.81	-1.30		ppb
Cadmium	111-1	-0.05	-0.10	-0.13	-0.09		ppb
Calcium	43-1	-1.84	-1.00	-4.56	-2.47		ppb
Calcium	44-1	-1.07	0.10	-0.29	-0.42		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	0.01	226.74	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	96.92	ppb
Copper	63-2	0.05	0.06	0.04	0.05	21.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	0.50	0.75	0.78	0.68	22.72	ppb
Iron	57-2	-0.95	-0.29	0.93	-0.10		ppb
Iron	54-2	2.34	0.50	1.45	1.43	64.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICB022	Instrumnet Name :	P7
Client Sample ID :	ICB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:32:57	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.03	0.03	0.02	50.76	ppb
Lead	207-1	0.02	0.02	0.03	0.02	9.77	ppb
Lead	208-1	0.02	0.02	0.02	0.02	3.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.13	0.48	0.05	0.13	233.93	ppb
Manganese	55-2	-0.03	-0.02	0.02	-0.01		ppb
Molybdenum	94-1	0.03	0.03	0.00	0.02	101.90	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	30.61	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	49.41	ppb
Molybdenum	97-1	0.03	0.02	0.03	0.03	24.52	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	28.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-157.86	-180.12	-135.40	-157.79		ppb
Potassium	39-2	5.36	10.32	6.57	7.41	34.89	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.55	-0.65	0.13	-0.35		ppb
Selenium	77-2	0.00	0.00	0.56	0.19	173.21	ppb
Selenium	78-2	-0.74	0.44	0.65	0.12	636.55	ppb
Silicon	28-1	0.05	0.18	0.04	0.09	84.74	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.66	ppb
Silver	109-1	0.01	0.01	0.00	0.01	59.72	ppb
Sodium	23-2	13.84	13.04	15.25	14.04	7.96	ppb
Strontium	86-1	0.04	0.01	-0.04	0.00	1544.91	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	9.98	ppb
Sulfur	34-1	-161.53	-52.72	-328.64	-180.97		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.00	0.01	41.29	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	28.41	ppb
Tin	118-1	0.00	0.01	0.00	0.00	183.87	ppb
Titanium	47-1	0.11	-0.04	-0.01	0.02	426.10	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICB022	Instrumnet Name :	P7
Client Sample ID :	ICB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:32:57	DataFile Name :	014CCBE.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				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.07	0.11	0.00	0.06	97.06	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	87.17	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	92.38	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICSA022	Instrumnet Name :	P7
Client Sample ID :	ICSA022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:38:23	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91090.67	91300.17	90959.80	91116.88	0.19	ppb
Antimony	121-1	1.03	1.06	1.05	1.05	1.52	ppb
Arsenic	75-2	0.38	0.38	0.48	0.41	14.80	ppb
Barium	135-1	1.36	1.24	1.38	1.32	5.69	ppb
Barium	137-1	1.37	1.34	1.30	1.34	2.80	ppb
Beryllium	9-1	0.27	0.27	0.35	0.30	14.88	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.33	8.84	8.23	8.80	6.24	ppb
Cadmium	106-1	-2.90	-1.53	-1.81	-2.08		ppb
Cadmium	111-1	0.13	0.28	0.23	0.21	35.55	ppb
Calcium	43-1	102691.98	105218.64	104556.31	104155.65	1.26	ppb
Calcium	44-1	97003.50	99619.40	99101.13	98574.68	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.75	19.40	19.98	19.71	1.49	ppb
Cobalt	59-2	1.20	1.21	1.24	1.22	1.95	ppb
Copper	63-2	8.06	7.81	7.87	7.91	1.65	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				100		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	103307.82	104091.52	103274.42	103557.92	0.45	ppb
Iron	57-2	104087.37	104096.92	103107.70	103763.99	0.55	ppb
Iron	54-2	102338.46	103046.29	103900.60	103095.12	0.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICSA022	Instrumnet Name :	P7
Client Sample ID :	ICSA022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:38:23	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.31	4.28	4.25	4.28	0.62	ppb
Lead	207-1	3.88	3.76	3.91	3.85	2.03	ppb
Lead	208-1	3.99	4.00	4.00	4.00	0.14	ppb
Lithium	6-1				94		%
Magnesium	24-2	97102.37	97408.71	96348.61	96953.23	0.56	ppb
Manganese	55-2	8.09	8.12	8.10	8.10	0.19	ppb
Molybdenum	94-1	1753.47	1716.79	1719.23	1729.83	1.19	ppb
Molybdenum	95-1	2150.38	2170.69	2134.26	2151.78	0.85	ppb
Molybdenum	96-1	2092.57	2121.58	2080.97	2098.37	1.00	ppb
Molybdenum	97-1	2135.18	2194.02	2132.23	2153.81	1.62	ppb
Molybdenum	98-1	2155.33	2178.86	2124.96	2153.05	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.53	5.63	5.14	5.44	4.74	ppb
Phosphorus	31-2	1007845.63	1009412.34	1011371.65	1009543.21	0.17	ppb
Potassium	39-2	96371.63	97232.97	96586.06	96730.22	0.46	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.76	0.37	0.22	0.45	61.27	ppb
Selenium	77-2	0.58	0.00	0.00	0.19	173.21	ppb
Selenium	78-2	0.38	-1.92	0.52	-0.34		ppb
Silicon	28-1	1.45	1.65	1.64	1.58	7.21	ppb
Silver	107-1	0.09	0.10	0.09	0.09	8.85	ppb
Silver	109-1	0.10	0.10	0.09	0.10	6.66	ppb
Sodium	23-2	98003.87	99188.99	98274.32	98489.06	0.63	ppb
Strontium	86-1	34.18	33.88	33.97	34.01	0.46	ppb
Strontium	88-1	33.88	34.23	33.75	33.95	0.73	ppb
Sulfur	34-1	99745.24	102641.45	101852.18	101412.96	1.48	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.10	0.12	0.10	14.38	ppb
Thallium	205-1	0.11	0.10	0.12	0.11	6.41	ppb
Tin	118-1	0.02	0.02	0.02	0.02	17.03	ppb
Titanium	47-1	2226.41	2279.66	2251.88	2252.65	1.18	ppb

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICSA022	Instrumnet Name :	P7
Client Sample ID :	ICSA022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:38:23	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	3.18	ppb
Vanadium	51-2	0.22	0.20	0.18	0.20	10.51	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	10.89	11.61	10.57	11.02	4.86	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	23.64	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	10.35	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICSAB022	Instrumnet Name :	P7
Client Sample ID :	ICSAB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:43:52	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90172.42	90057.81	91443.10	90557.78	0.85	ppb
Antimony	121-1	19.41	19.80	19.21	19.47	1.54	ppb
Arsenic	75-2	20.13	20.56	20.98	20.55	2.07	ppb
Barium	135-1	19.14	20.05	19.60	19.60	2.34	ppb
Barium	137-1	19.20	19.58	19.48	19.42	1.04	ppb
Beryllium	9-1	20.53	20.32	20.33	20.40	0.58	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.46	27.36	23.98	25.27	7.25	ppb
Cadmium	106-1	11.26	11.95	13.52	12.25	9.46	ppb
Cadmium	111-1	18.44	19.04	18.74	18.74	1.60	ppb
Calcium	43-1	102811.17	103785.85	102852.55	103149.86	0.53	ppb
Calcium	44-1	96922.09	97584.41	96961.06	97155.85	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.18	38.77	39.02	38.66	1.11	ppb
Cobalt	59-2	19.94	20.38	20.64	20.32	1.74	ppb
Copper	63-2	25.64	25.75	26.22	25.87	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				104		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	101241.23	102191.26	103923.86	102452.12	1.33	ppb
Iron	57-2	101429.19	102493.49	103644.35	102522.34	1.08	ppb
Iron	54-2	100670.78	102373.04	102347.98	101797.27	0.96	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICSAB022	Instrumnet Name :	P7
Client Sample ID :	ICSAB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:43:52	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.33	27.37	26.93	26.88	1.94	ppb
Lead	207-1	24.62	25.56	25.37	25.18	1.99	ppb
Lead	208-1	25.22	26.12	25.92	25.75	1.84	ppb
Lithium	6-1				94		%
Magnesium	24-2	95049.88	96287.16	95993.82	95776.95	0.68	ppb
Manganese	55-2	27.33	27.28	28.01	27.54	1.48	ppb
Molybdenum	94-1	1677.74	1703.60	1732.20	1704.51	1.60	ppb
Molybdenum	95-1	2097.53	2127.83	2141.22	2122.20	1.05	ppb
Molybdenum	96-1	2034.48	2031.49	2077.79	2047.92	1.27	ppb
Molybdenum	97-1	2099.81	2101.91	2143.54	2115.09	1.17	ppb
Molybdenum	98-1	2110.30	2114.01	2146.39	2123.57	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.82	24.92	24.84	24.53	2.50	ppb
Phosphorus	31-2	993922.50	1004800.41	1016795.60	1005172.84	1.14	ppb
Potassium	39-2	95690.99	96295.40	98306.09	96764.16	1.41	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	18.99	18.95	21.18	19.71	6.48	ppb
Selenium	77-2	18.31	27.64	21.39	22.45	21.17	ppb
Selenium	78-2	17.42	22.45	20.46	20.11	12.59	ppb
Silicon	28-1	1.22	1.26	1.22	1.23	1.91	ppb
Silver	107-1	17.64	17.94	17.97	17.85	1.04	ppb
Silver	109-1	17.33	17.75	17.62	17.57	1.21	ppb
Sodium	23-2	96351.13	97200.18	98243.61	97264.97	0.97	ppb
Strontium	86-1	33.09	33.90	34.00	33.66	1.48	ppb
Strontium	88-1	33.49	33.56	34.26	33.77	1.26	ppb
Sulfur	34-1	99573.80	100658.02	97158.64	99130.15	1.81	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	21.72	22.23	22.06	22.00	1.19	ppb
Thallium	205-1	21.41	22.30	21.85	21.85	2.03	ppb
Tin	118-1	0.01	0.03	0.05	0.03	67.09	ppb
Titanium	47-1	2214.02	2244.44	2213.10	2223.85	0.80	ppb

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICSAB022	Instrumnet Name :	P7
Client Sample ID :	ICSAB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:43:52	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.01	0.01	13.73	ppb
Vanadium	51-2	19.23	19.43	19.83	19.50	1.57	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	29.11	30.97	30.66	30.25	3.30	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	37.18	ppb
Zirconium	91-1	0.04	0.05	0.02	0.04	32.97	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P7
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:54:14	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50369.36	50579.95	49255.32	50068.21	1.42	ppb
Antimony	121-1	530.33	513.09	524.86	522.76	1.69	ppb
Arsenic	75-2	496.66	505.22	493.19	498.36	1.24	ppb
Barium	135-1	2675.04	2555.80	2604.15	2611.66	2.30	ppb
Barium	137-1	2595.93	2567.54	2629.26	2597.58	1.19	ppb
Beryllium	9-1	528.98	526.54	525.43	526.98	0.35	ppb
Bismuth	209-1				94		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	510.96	492.71	508.01	503.89	1.94	ppb
Cadmium	106-1	512.74	490.20	512.72	505.22	2.57	ppb
Cadmium	111-1	511.24	494.58	510.65	505.49	1.87	ppb
Calcium	43-1	264291.23	263715.25	263883.29	263963.26	0.11	ppb
Calcium	44-1	259175.15	260707.85	261293.57	260392.19	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.00	528.01	510.75	518.25	1.71	ppb
Cobalt	59-2	501.10	507.43	502.46	503.66	0.66	ppb
Copper	63-2	5002.57	5169.90	4992.42	5054.96	1.97	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				102		%
Holmium	165-2				99		%
Indium	115-1				84		%
Indium	115-2				78		%
Iron	56-2	132205.31	134282.73	130999.03	132495.69	1.25	ppb
Iron	57-2	132368.60	133165.47	131825.87	132453.31	0.51	ppb
Iron	54-2	132362.61	133235.05	131452.67	132350.11	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P7
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:54:14	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2664.93	2616.65	2632.71	2638.09	0.93	ppb
Lead	207-1	2677.14	2619.03	2622.02	2639.40	1.24	ppb
Lead	208-1	2655.60	2625.14	2614.08	2631.60	0.82	ppb
Lithium	6-1				93		%
Magnesium	24-2	250519.43	254144.53	245935.81	250199.92	1.64	ppb
Manganese	55-2	5208.01	5249.75	5151.65	5203.14	0.95	ppb
Molybdenum	94-1	5228.72	5207.11	5308.19	5248.01	1.01	ppb
Molybdenum	95-1	5205.94	5175.27	5207.22	5196.14	0.35	ppb
Molybdenum	96-1	5137.36	5210.47	5190.61	5179.48	0.73	ppb
Molybdenum	97-1	5150.80	5232.80	5227.53	5203.71	0.88	ppb
Molybdenum	98-1	5249.73	5228.89	5306.35	5261.66	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.53	520.24	509.54	512.44	1.33	ppb
Phosphorus	31-2	9935.25	10331.36	10177.27	10147.96	1.97	ppb
Potassium	39-2	127619.85	129047.93	124742.92	127136.90	1.72	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	490.12	500.14	492.90	494.39	1.05	ppb
Selenium	77-2	512.62	507.84	501.35	507.27	1.12	ppb
Selenium	78-2	509.03	508.73	479.71	499.15	3.37	ppb
Silicon	28-1	572.85	560.61	564.03	565.83	1.12	ppb
Silver	107-1	514.25	487.22	496.67	499.38	2.75	ppb
Silver	109-1	511.20	501.32	505.40	505.97	0.98	ppb
Sodium	23-2	253987.54	255269.02	249974.13	253076.90	1.09	ppb
Strontium	86-1	13102.24	12937.40	13084.28	13041.31	0.69	ppb
Strontium	88-1	12994.56	13062.26	13016.72	13024.51	0.26	ppb
Sulfur	34-1	9954.05	9983.18	10021.67	9986.30	0.34	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	535.51	526.79	534.94	532.41	0.92	ppb
Thallium	205-1	543.68	528.72	532.65	535.02	1.45	ppb
Tin	118-1	518.48	511.77	516.82	515.69	0.68	ppb
Titanium	47-1	5195.87	5253.94	5291.28	5247.03	0.92	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P7
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:54:14	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	539.00	539.28	540.87	539.72	0.19	ppb
Vanadium	51-2	523.79	535.05	519.92	526.25	1.49	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	4929.48	5043.06	4928.71	4967.08	1.32	ppb
Zirconium	90-1	525.81	519.36	522.71	522.62	0.62	ppb
Zirconium	91-1	521.98	521.70	519.95	521.21	0.21	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P7
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:58:38	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.04	1.27	0.96	1.09	14.87	ppb
Antimony	121-1	0.10	0.10	0.14	0.11	22.05	ppb
Arsenic	75-2	0.05	0.03	-0.02	0.02	191.04	ppb
Barium	135-1	0.03	0.01	0.03	0.02	36.30	ppb
Barium	137-1	0.03	0.03	0.00	0.02	87.95	ppb
Beryllium	9-1	0.08	0.16	0.19	0.14	41.58	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.03	0.03	0.04	58.59	ppb
Cadmium	106-1	-0.84	-1.62	-1.80	-1.42		ppb
Cadmium	111-1	-0.04	-0.12	-0.13	-0.10		ppb
Calcium	43-1	90.29	87.00	84.82	87.37	3.15	ppb
Calcium	44-1	84.71	87.82	86.76	86.43	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	0.01	0.02	49.62	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	37.22	ppb
Copper	63-2	0.17	0.26	0.21	0.22	20.28	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				102		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	4.40	5.22	5.24	4.95	9.63	ppb
Iron	57-2	4.84	3.57	4.98	4.46	17.46	ppb
Iron	54-2	2.93	5.76	6.32	5.00	36.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P7
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:58:38	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.10	0.08	0.07	0.08	19.97	ppb
Lead	207-1	0.09	0.08	0.07	0.08	15.01	ppb
Lead	208-1	0.08	0.08	0.07	0.08	8.54	ppb
Lithium	6-1				95		%
Magnesium	24-2	5.98	7.78	6.60	6.79	13.44	ppb
Manganese	55-2	0.11	0.14	0.09	0.11	20.79	ppb
Molybdenum	94-1	0.16	0.14	0.19	0.16	15.66	ppb
Molybdenum	95-1	0.12	0.15	0.14	0.14	8.27	ppb
Molybdenum	96-1	0.12	0.16	0.16	0.14	13.30	ppb
Molybdenum	97-1	0.11	0.15	0.16	0.14	19.39	ppb
Molybdenum	98-1	0.12	0.11	0.15	0.13	13.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-203.86	-169.82	-207.89	-193.86		ppb
Potassium	39-2	7.83	20.74	12.06	13.54	48.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	0.31	0.25	-0.23	0.11	270.82	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.58	-1.16	0.18	0.20	682.44	ppb
Silicon	28-1	0.43	0.37	0.23	0.34	30.32	ppb
Silver	107-1	0.03	0.02	0.02	0.02	18.54	ppb
Silver	109-1	0.02	0.02	0.02	0.02	11.55	ppb
Sodium	23-2	43.00	47.17	43.13	44.43	5.34	ppb
Strontium	86-1	0.17	0.20	0.23	0.20	13.48	ppb
Strontium	88-1	0.18	0.19	0.21	0.19	8.03	ppb
Sulfur	34-1	-393.14	-573.66	-638.39	-535.06		ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.03	0.03	0.03	10.96	ppb
Thallium	205-1	0.03	0.02	0.02	0.03	24.93	ppb
Tin	118-1	0.02	0.02	0.03	0.02	26.57	ppb
Titanium	47-1	0.17	0.23	0.12	0.17	31.96	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P7
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:58:38	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.01	0.01	0.01	28.77	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	61.80	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	-0.04	0.15	-0.03	0.03	421.45	ppb
Zirconium	90-1	0.03	0.03	0.05	0.03	29.44	ppb
Zirconium	91-1	0.05	0.04	0.05	0.05	10.34	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2745-01A	Instrumnet Name :	P7
Client Sample ID :	MYD3J0ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:03:47	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46129.90	45898.99	45607.81	45878.90	0.57	ppb
Antimony	121-1	2.07	2.16	2.01	2.08	3.85	ppb
Arsenic	75-2	657.06	655.43	647.60	653.37	0.77	ppb
Barium	135-1	657.55	682.97	653.73	664.75	2.39	ppb
Barium	137-1	657.73	670.92	664.54	664.40	0.99	ppb
Beryllium	9-1	1.96	1.94	1.93	1.94	0.67	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.69	3.24	2.88	3.27	12.42	ppb
Cadmium	106-1	4.32	3.18	4.30	3.93	16.58	ppb
Cadmium	111-1	1.99	2.27	2.12	2.13	6.67	ppb
Calcium	43-1	9011.77	8901.68	9135.95	9016.46	1.30	ppb
Calcium	44-1	8513.93	8481.58	8487.34	8494.29	0.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114.61	113.79	113.15	113.85	0.64	ppb
Cobalt	59-2	64.79	65.23	64.27	64.76	0.74	ppb
Copper	63-2	241.90	243.59	239.90	241.80	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				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	135222.46	135819.49	134633.97	135225.31	0.44	ppb
Iron	57-2	133756.88	133290.58	131858.86	132968.77	0.74	ppb
Iron	54-2	135237.46	134644.19	134626.93	134836.19	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2745-01A	Instrumnet Name :	P7
Client Sample ID :	MYD3J0ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:03:47	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	68.65	69.16	70.37	69.39	1.28	ppb
Lead	207-1	68.06	66.56	70.65	68.42	3.03	ppb
Lead	208-1	69.01	67.31	69.36	68.56	1.60	ppb
Lithium	6-1				100		%
Magnesium	24-2	24152.41	24197.65	23505.12	23951.73	1.62	ppb
Manganese	55-2	3420.56	3426.77	3425.30	3424.21	0.09	ppb
Molybdenum	94-1	33.62	34.02	33.54	33.73	0.76	ppb
Molybdenum	95-1	1.30	1.40	1.46	1.38	5.82	ppb
Molybdenum	96-1	5.75	5.86	6.25	5.95	4.39	ppb
Molybdenum	97-1	1.42	1.35	1.22	1.33	7.83	ppb
Molybdenum	98-1	1.26	1.32	1.26	1.28	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.54	120.89	120.02	120.15	0.57	ppb
Phosphorus	31-2	20462.46	20375.77	19939.18	20259.14	1.38	ppb
Potassium	39-2	9645.25	9534.75	9415.43	9531.81	1.21	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				114		%
Scandium	45-2				114		%
Selenium	82-1	1.57	1.22	0.55	1.12	46.46	ppb
Selenium	77-2	8.90	15.91	12.39	12.40	28.24	ppb
Selenium	78-2	-0.80	2.39	1.16	0.92	175.59	ppb
Silicon	28-1	369.97	359.44	374.73	368.05	2.13	ppb
Silver	107-1	0.50	0.53	0.43	0.49	10.66	ppb
Silver	109-1	0.52	0.47	0.46	0.48	6.73	ppb
Sodium	23-2	207.08	207.15	207.36	207.20	0.07	ppb
Strontium	86-1	87.81	87.73	90.16	88.57	1.56	ppb
Strontium	88-1	89.78	87.61	88.64	88.67	1.23	ppb
Sulfur	34-1	-878.72	-1358.55	-1334.99	-1190.75		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.55	0.58	0.64	0.59	7.14	ppb
Thallium	205-1	0.59	0.57	0.59	0.58	1.89	ppb
Tin	118-1	0.16	0.19	0.18	0.18	6.86	ppb
Titanium	47-1	1161.40	1143.87	1184.72	1163.33	1.76	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2745-01A	Instrumnet Name :	P7
Client Sample ID :	MYD3J0ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:03:47	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.07	1.15	1.12	4.02	ppb
Vanadium	51-2	273.23	273.90	271.44	272.86	0.47	ppb
Yttrium	89-1				112		%
Yttrium	89-2				114		%
Zinc	66-2	291.83	291.95	288.76	290.85	0.62	ppb
Zirconium	90-1	16.09	16.47	16.43	16.33	1.26	ppb
Zirconium	91-1	16.39	16.45	16.65	16.50	0.80	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2785-05A	Instrumnet Name :	P7
Client Sample ID :	MYD459ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:07:05	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39430.41	39226.68	38682.80	39113.30	0.99	ppb
Antimony	121-1	0.66	0.74	0.69	0.70	5.47	ppb
Arsenic	75-2	309.70	313.80	306.86	310.12	1.12	ppb
Barium	135-1	281.62	301.08	278.04	286.91	4.32	ppb
Barium	137-1	278.43	303.46	274.95	285.61	5.44	ppb
Beryllium	9-1	1.26	1.36	1.38	1.33	4.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.70	2.18	1.06	1.65	34.10	ppb
Cadmium	106-1	1.62	1.91	1.73	1.76	8.36	ppb
Cadmium	111-1	1.34	1.48	1.41	1.41	5.04	ppb
Calcium	43-1	14476.21	16088.61	14944.93	15169.92	5.47	ppb
Calcium	44-1	13668.49	15327.08	14187.02	14394.20	5.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.37	35.37	35.11	35.28	0.43	ppb
Cobalt	59-2	31.18	31.37	30.57	31.04	1.36	ppb
Copper	63-2	124.66	126.62	125.05	125.44	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				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	83602.11	82902.03	82603.96	83036.03	0.62	ppb
Iron	57-2	83859.78	83957.56	82123.02	83313.45	1.24	ppb
Iron	54-2	83162.26	82719.65	81184.35	82355.42	1.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2785-05A	Instrumnet Name :	P7
Client Sample ID :	MYD459ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:07:05	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	186.91	203.99	184.19	191.69	5.60	ppb
Lead	207-1	184.35	204.70	180.49	189.85	6.85	ppb
Lead	208-1	183.80	216.30	181.63	193.91	10.01	ppb
Lithium	6-1				98		%
Magnesium	24-2	14633.88	14605.01	14592.84	14610.58	0.14	ppb
Manganese	55-2	1471.26	1471.23	1436.97	1459.82	1.36	ppb
Molybdenum	94-1	12.82	14.19	13.21	13.41	5.27	ppb
Molybdenum	95-1	0.75	0.77	0.72	0.75	3.66	ppb
Molybdenum	96-1	2.66	2.94	2.59	2.73	6.80	ppb
Molybdenum	97-1	0.71	0.88	0.83	0.81	10.69	ppb
Molybdenum	98-1	0.71	0.83	0.72	0.75	8.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.63	30.58	30.64	30.62	0.11	ppb
Phosphorus	31-2	17675.96	17740.27	17709.66	17708.63	0.18	ppb
Potassium	39-2	3680.02	3681.98	3620.12	3660.70	0.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	1.08	1.13	1.21	1.14	5.57	ppb
Selenium	77-2	11.10	12.64	10.63	11.46	9.17	ppb
Selenium	78-2	2.96	1.90	3.30	2.72	26.70	ppb
Silicon	28-1	373.72	416.20	377.93	389.28	6.01	ppb
Silver	107-1	0.36	0.44	0.43	0.41	10.44	ppb
Silver	109-1	0.39	0.42	0.40	0.40	4.29	ppb
Sodium	23-2	246.96	249.04	245.78	247.26	0.67	ppb
Strontium	86-1	58.45	64.51	56.18	59.71	7.21	ppb
Strontium	88-1	57.41	64.08	57.09	59.52	6.64	ppb
Sulfur	34-1	-1837.79	-1279.32	-1827.47	-1648.19		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.27	0.32	0.29	0.29	8.59	ppb
Thallium	205-1	0.27	0.33	0.28	0.29	10.36	ppb
Tin	118-1	0.12	0.13	0.12	0.12	4.29	ppb
Titanium	47-1	882.13	989.05	903.78	924.99	6.11	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2785-05A	Instrumnet Name :	P7
Client Sample ID :	MYD459ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:07:05	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.65	0.60	0.61	5.11	ppb
Vanadium	51-2	143.61	143.44	140.96	142.67	1.04	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	276.56	278.57	272.29	275.81	1.16	ppb
Zirconium	90-1	6.29	6.97	6.14	6.46	6.82	ppb
Zirconium	91-1	6.33	6.90	6.07	6.43	6.55	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2809-10A	Instrumnet Name :	P7
Client Sample ID :	MYD4R7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:10:21	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39701.52	39634.66	39483.52	39606.56	0.28	ppb
Antimony	121-1	1.92	1.95	2.03	1.97	2.97	ppb
Arsenic	75-2	223.84	224.47	226.98	225.10	0.74	ppb
Barium	135-1	296.92	288.13	306.03	297.03	3.01	ppb
Barium	137-1	291.48	291.56	297.21	293.42	1.12	ppb
Beryllium	9-1	1.41	1.56	1.48	1.48	5.02	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.26	3.50	3.43	3.40	3.61	ppb
Cadmium	106-1	3.26	2.47	3.48	3.07	17.20	ppb
Cadmium	111-1	2.22	2.07	2.40	2.23	7.21	ppb
Calcium	43-1	15310.46	15371.36	15486.57	15389.46	0.58	ppb
Calcium	44-1	14477.90	14422.57	14614.69	14505.05	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.58	42.62	43.31	42.84	0.97	ppb
Cobalt	59-2	33.42	33.27	33.79	33.49	0.79	ppb
Copper	63-2	163.81	164.79	163.91	164.17	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				108		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	106254.07	107026.70	106801.56	106694.11	0.37	ppb
Iron	57-2	104044.83	105821.24	104431.64	104765.90	0.89	ppb
Iron	54-2	105779.94	105797.15	105740.44	105772.51	0.03	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2809-10A	Instrumnet Name :	P7
Client Sample ID :	MYD4R7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:10:21	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	166.37	165.96	167.20	166.51	0.38	ppb
Lead	207-1	171.58	178.06	170.48	173.37	2.36	ppb
Lead	208-1	167.14	170.04	166.67	167.95	1.09	ppb
Lithium	6-1				100		%
Magnesium	24-2	14269.85	14438.62	14266.28	14324.92	0.69	ppb
Manganese	55-2	1524.13	1540.49	1519.92	1528.18	0.71	ppb
Molybdenum	94-1	20.07	20.02	19.85	19.98	0.56	ppb
Molybdenum	95-1	1.47	1.37	1.37	1.40	4.00	ppb
Molybdenum	96-1	4.15	4.24	4.17	4.19	1.13	ppb
Molybdenum	97-1	1.34	1.31	1.38	1.34	2.73	ppb
Molybdenum	98-1	1.39	1.43	1.39	1.40	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.44	36.26	37.47	36.72	1.77	ppb
Phosphorus	31-2	27672.09	28036.28	27856.82	27855.07	0.65	ppb
Potassium	39-2	6448.17	6505.16	6464.96	6472.76	0.45	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	1.73	1.72	2.09	1.84	11.46	ppb
Selenium	77-2	9.58	17.65	11.67	12.97	32.31	ppb
Selenium	78-2	4.48	3.87	3.31	3.89	14.96	ppb
Silicon	28-1	412.93	411.68	411.40	412.00	0.20	ppb
Silver	107-1	2.91	2.92	3.04	2.96	2.53	ppb
Silver	109-1	2.97	3.02	3.06	3.02	1.49	ppb
Sodium	23-2	281.42	286.27	284.07	283.92	0.86	ppb
Strontium	86-1	74.06	74.12	72.74	73.64	1.06	ppb
Strontium	88-1	73.32	72.93	72.41	72.88	0.62	ppb
Sulfur	34-1	-1740.38	-1895.16	-1819.55	-1818.36		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.32	0.33	0.34	0.33	2.55	ppb
Thallium	205-1	0.31	0.32	0.32	0.32	1.68	ppb
Tin	118-1	0.21	0.22	0.21	0.22	3.45	ppb
Titanium	47-1	2056.77	2106.57	2091.83	2085.06	1.23	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2809-10A	Instrumnet Name :	P7
Client Sample ID :	MYD4R7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:10:21	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.90	0.90	0.90	0.11	ppb
Vanadium	51-2	190.45	192.46	189.09	190.67	0.89	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	597.03	594.93	600.10	597.35	0.44	ppb
Zirconium	90-1	9.61	9.48	9.68	9.59	1.06	ppb
Zirconium	91-1	9.49	9.69	9.67	9.62	1.14	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5H2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:13:39	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36359.81	36571.90	36342.06	36424.59	0.35	ppb
Antimony	121-1	0.46	0.42	0.40	0.43	6.74	ppb
Arsenic	75-2	27.96	27.14	27.28	27.46	1.60	ppb
Barium	135-1	355.40	357.84	354.87	356.04	0.44	ppb
Barium	137-1	356.10	361.36	356.30	357.92	0.83	ppb
Beryllium	9-1	1.47	1.51	1.58	1.52	3.71	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.19	1.44	1.30	1.31	9.61	ppb
Cadmium	106-1	1.39	1.81	1.47	1.56	14.49	ppb
Cadmium	111-1	0.55	0.59	0.49	0.54	8.75	ppb
Calcium	43-1	19138.08	19068.12	18904.81	19037.00	0.63	ppb
Calcium	44-1	17981.98	17981.91	17743.63	17902.51	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.78	50.86	51.61	51.08	0.90	ppb
Cobalt	59-2	27.39	27.72	27.31	27.47	0.79	ppb
Copper	63-2	70.60	69.81	69.83	70.08	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				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	68929.26	69693.55	69755.32	69459.38	0.66	ppb
Iron	57-2	68459.35	69843.09	69632.68	69311.71	1.08	ppb
Iron	54-2	69258.74	69284.90	69444.94	69329.53	0.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5H2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:13:39	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.41	30.01	29.64	29.69	1.02	ppb
Lead	207-1	28.15	27.86	27.74	27.91	0.76	ppb
Lead	208-1	28.40	28.62	28.42	28.48	0.43	ppb
Lithium	6-1				98		%
Magnesium	24-2	17608.50	17574.70	17626.40	17603.20	0.15	ppb
Manganese	55-2	1445.55	1442.58	1441.29	1443.14	0.15	ppb
Molybdenum	94-1	21.36	21.35	21.34	21.35	0.05	ppb
Molybdenum	95-1	0.84	0.81	0.83	0.83	1.96	ppb
Molybdenum	96-1	3.43	3.48	3.47	3.46	0.87	ppb
Molybdenum	97-1	0.79	0.93	0.80	0.84	9.36	ppb
Molybdenum	98-1	0.80	0.80	0.82	0.81	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.75	45.85	45.64	45.75	0.23	ppb
Phosphorus	31-2	29566.50	29537.21	30683.03	29928.92	2.18	ppb
Potassium	39-2	5829.31	6111.36	6159.35	6033.34	2.96	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	1.37	0.54	1.56	1.15	46.94	ppb
Selenium	77-2	20.66	16.61	13.12	16.80	22.49	ppb
Selenium	78-2	1.42	2.63	1.73	1.93	32.56	ppb
Silicon	28-1	389.70	393.85	387.43	390.33	0.83	ppb
Silver	107-1	2.28	2.28	2.25	2.27	0.87	ppb
Silver	109-1	2.14	2.18	2.15	2.16	0.95	ppb
Sodium	23-2	311.63	315.39	309.81	312.28	0.91	ppb
Strontium	86-1	114.94	117.35	116.35	116.21	1.04	ppb
Strontium	88-1	118.43	120.35	117.28	118.68	1.30	ppb
Sulfur	34-1	-2026.98	-2011.17	-2017.94	-2018.70		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.23	0.23	0.20	0.22	6.15	ppb
Thallium	205-1	0.21	0.23	0.23	0.22	3.55	ppb
Tin	118-1	0.18	0.17	0.17	0.17	2.07	ppb
Titanium	47-1	644.77	643.22	636.55	641.51	0.68	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5H2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:13:39	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.75	0.73	0.75	1.99	ppb
Vanadium	51-2	103.00	103.18	102.88	103.02	0.15	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	172.49	174.58	174.58	173.88	0.69	ppb
Zirconium	90-1	10.34	10.46	10.23	10.35	1.13	ppb
Zirconium	91-1	10.46	10.75	10.09	10.44	3.15	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2835-04A	Instrumnet Name :	P7
Client Sample ID :	MYD4A9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:16:54	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42081.08	41331.90	41469.82	41627.60	0.96	ppb
Antimony	121-1	1.40	1.43	1.39	1.41	1.33	ppb
Arsenic	75-2	113.32	114.13	114.53	113.99	0.54	ppb
Barium	135-1	311.28	311.02	307.28	309.86	0.72	ppb
Barium	137-1	312.35	311.91	306.99	310.42	0.96	ppb
Beryllium	9-1	1.32	1.40	1.32	1.35	3.33	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.51	2.90	2.39	2.60	10.16	ppb
Cadmium	106-1	3.74	2.57	2.31	2.88	26.43	ppb
Cadmium	111-1	2.16	1.79	1.76	1.90	11.67	ppb
Calcium	43-1	20829.78	20371.72	20603.09	20601.53	1.11	ppb
Calcium	44-1	19364.81	19195.57	19283.52	19281.30	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.40	42.69	42.39	42.83	1.20	ppb
Cobalt	59-2	47.22	46.41	46.59	46.74	0.91	ppb
Copper	63-2	517.87	510.31	515.48	514.55	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				105		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	96372.72	95583.08	95937.88	95964.56	0.41	ppb
Iron	57-2	95795.99	94654.76	95638.27	95363.00	0.65	ppb
Iron	54-2	95522.02	94896.94	94973.08	95130.68	0.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2835-04A	Instrumnet Name :	P7
Client Sample ID :	MYD4A9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:16:54	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.61	95.25	92.86	94.24	1.32	ppb
Lead	207-1	96.24	96.35	95.46	96.02	0.51	ppb
Lead	208-1	94.88	95.48	93.84	94.73	0.88	ppb
Lithium	6-1				97		%
Magnesium	24-2	18393.12	18211.93	18190.38	18265.15	0.61	ppb
Manganese	55-2	1896.72	1868.61	1844.88	1870.07	1.39	ppb
Molybdenum	94-1	17.14	16.68	16.76	16.86	1.47	ppb
Molybdenum	95-1	1.34	1.33	1.38	1.35	1.82	ppb
Molybdenum	96-1	3.57	3.76	3.76	3.70	2.95	ppb
Molybdenum	97-1	1.35	1.37	1.34	1.35	1.08	ppb
Molybdenum	98-1	1.30	1.24	1.27	1.27	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.53	43.42	43.95	43.63	0.64	ppb
Phosphorus	31-2	30748.86	30443.15	30936.45	30709.49	0.81	ppb
Potassium	39-2	8808.00	8796.27	8953.93	8852.74	0.99	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	1.79	1.95	0.79	1.51	41.50	ppb
Selenium	77-2	12.24	14.79	15.86	14.30	13.02	ppb
Selenium	78-2	4.75	3.82	2.77	3.78	26.24	ppb
Silicon	28-1	315.19	308.78	310.70	311.56	1.06	ppb
Silver	107-1	0.63	0.62	0.60	0.61	2.07	ppb
Silver	109-1	0.63	0.59	0.57	0.60	4.54	ppb
Sodium	23-2	268.56	270.55	272.68	270.60	0.76	ppb
Strontium	86-1	64.99	64.52	63.62	64.38	1.08	ppb
Strontium	88-1	64.72	63.78	63.95	64.15	0.78	ppb
Sulfur	34-1	-202.03	-320.91	-299.05	-273.99		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.32	0.31	0.31	0.31	1.23	ppb
Thallium	205-1	0.32	0.33	0.33	0.33	2.45	ppb
Tin	118-1	0.26	0.26	0.25	0.26	1.76	ppb
Titanium	47-1	1651.27	1636.11	1659.31	1648.90	0.71	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2835-04A	Instrumnet Name :	P7
Client Sample ID :	MYD4A9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:16:54	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.76	0.76	0.76	0.77	ppb
Vanadium	51-2	151.17	149.22	148.99	149.79	0.80	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	1242.78	1229.21	1243.58	1238.52	0.65	ppb
Zirconium	90-1	7.80	7.87	7.89	7.85	0.60	ppb
Zirconium	91-1	8.07	7.89	7.94	7.97	1.16	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2816-01A	Instrumnet Name :	P7
Client Sample ID :	MYD4J8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:20:11	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35188.39	35283.53	35177.98	35216.63	0.17	ppb
Antimony	121-1	5.39	5.33	5.30	5.34	0.93	ppb
Arsenic	75-2	197.34	192.61	198.77	196.24	1.64	ppb
Barium	135-1	237.61	228.78	231.39	232.59	1.95	ppb
Barium	137-1	233.52	234.14	228.06	231.91	1.44	ppb
Beryllium	9-1	1.11	1.12	1.19	1.14	3.94	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.90	3.37	3.42	3.57	8.15	ppb
Cadmium	106-1	4.55	4.60	3.09	4.08	21.12	ppb
Cadmium	111-1	3.70	3.36	3.39	3.48	5.37	ppb
Calcium	43-1	13521.55	13559.25	13753.85	13611.55	0.92	ppb
Calcium	44-1	12799.12	12780.11	12918.16	12832.47	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.33	36.68	36.82	36.61	0.70	ppb
Cobalt	59-2	30.47	30.28	30.64	30.47	0.60	ppb
Copper	63-2	104.32	103.60	103.91	103.94	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				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	82531.76	81842.07	82935.69	82436.51	0.67	ppb
Iron	57-2	82076.42	80151.70	81975.57	81401.23	1.33	ppb
Iron	54-2	82747.41	81119.35	82475.97	82114.24	1.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2816-01A	Instrumnet Name :	P7
Client Sample ID :	MYD4J8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:20:11	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	127.42	126.96	123.98	126.12	1.48	ppb
Lead	207-1	125.46	129.78	119.63	124.96	4.08	ppb
Lead	208-1	125.60	127.42	122.03	125.02	2.19	ppb
Lithium	6-1				95		%
Magnesium	24-2	13537.64	13350.12	13301.84	13396.53	0.93	ppb
Manganese	55-2	1433.50	1410.57	1399.43	1414.50	1.23	ppb
Molybdenum	94-1	16.01	16.35	16.08	16.15	1.09	ppb
Molybdenum	95-1	0.93	0.91	0.87	0.90	3.77	ppb
Molybdenum	96-1	3.09	3.23	3.06	3.13	2.84	ppb
Molybdenum	97-1	0.89	0.94	0.91	0.91	2.49	ppb
Molybdenum	98-1	0.86	0.81	0.84	0.84	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.32	31.79	32.93	32.68	2.43	ppb
Phosphorus	31-2	19719.56	19903.28	19850.45	19824.43	0.48	ppb
Potassium	39-2	5379.35	5326.44	5349.86	5351.89	0.50	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	11.04	11.78	12.09	11.64	4.63	ppb
Selenium	77-2	16.95	20.61	15.42	17.66	15.11	ppb
Selenium	78-2	14.61	13.44	13.39	13.81	4.98	ppb
Silicon	28-1	374.03	376.26	370.26	373.52	0.81	ppb
Silver	107-1	0.27	0.24	0.28	0.26	8.99	ppb
Silver	109-1	0.28	0.25	0.24	0.26	8.59	ppb
Sodium	23-2	197.80	196.60	197.81	197.41	0.35	ppb
Strontium	86-1	56.08	55.82	53.34	55.08	2.75	ppb
Strontium	88-1	54.99	55.29	53.99	54.76	1.24	ppb
Sulfur	34-1	-1704.71	-1804.35	-1837.47	-1782.18		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1.97	1.99	1.86	1.94	3.71	ppb
Thallium	205-1	1.92	1.96	1.90	1.93	1.77	ppb
Tin	118-1	0.13	0.13	0.13	0.13	2.87	ppb
Titanium	47-1	1348.31	1359.68	1335.44	1347.81	0.90	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2816-01A	Instrumnet Name :	P7
Client Sample ID :	MYD4J8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:20:11	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.67	0.63	0.65	2.83	ppb
Vanadium	51-2	147.47	144.88	145.07	145.80	0.99	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	198.62	198.64	198.85	198.70	0.07	ppb
Zirconium	90-1	8.03	7.94	7.74	7.90	1.90	ppb
Zirconium	91-1	8.11	8.16	7.65	7.97	3.55	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:23:28	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9100.93	9751.78	10245.48	9699.40	5.92	ppb
Antimony	121-1	0.26	0.29	0.25	0.27	7.54	ppb
Arsenic	75-2	20.53	22.16	24.18	22.29	8.21	ppb
Barium	135-1	70.32	69.77	70.48	70.19	0.53	ppb
Barium	137-1	69.94	70.01	70.31	70.08	0.28	ppb
Beryllium	9-1	0.40	0.27	0.28	0.31	22.63	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.49	0.53	0.41	0.48	13.68	ppb
Cadmium	106-1	-0.35	-0.15	-1.53	-0.68		ppb
Cadmium	111-1	0.31	0.28	0.18	0.26	26.58	ppb
Calcium	43-1	3718.28	3787.79	3792.62	3766.23	1.10	ppb
Calcium	44-1	3765.68	3860.52	3859.10	3828.44	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.10	9.95	10.27	9.77	6.20	ppb
Cobalt	59-2	8.13	8.73	9.22	8.70	6.30	ppb
Copper	63-2	36.37	39.61	41.72	39.23	6.87	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				100		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	22228.67	23478.81	24760.54	23489.34	5.39	ppb
Iron	57-2	22734.15	24191.73	25658.80	24194.89	6.04	ppb
Iron	54-2	21795.02	23580.82	24608.25	23328.03	6.10	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:23:28	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	15.45	15.82	16.06	15.78	1.95	ppb
Lead	207-1	15.65	15.78	15.95	15.79	0.94	ppb
Lead	208-1	15.45	15.63	15.88	15.65	1.38	ppb
Lithium	6-1				93		%
Magnesium	24-2	3884.99	4153.01	4346.99	4128.33	5.62	ppb
Manganese	55-2	414.87	442.61	468.19	441.89	6.03	ppb
Molybdenum	94-1	3.94	3.86	3.87	3.89	1.14	ppb
Molybdenum	95-1	0.25	0.26	0.22	0.24	7.80	ppb
Molybdenum	96-1	0.81	0.86	0.84	0.84	2.65	ppb
Molybdenum	97-1	0.24	0.28	0.24	0.25	9.60	ppb
Molybdenum	98-1	0.23	0.22	0.29	0.25	14.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.67	10.25	10.91	10.27	6.03	ppb
Phosphorus	31-2	6123.62	6982.10	7294.82	6800.18	8.92	ppb
Potassium	39-2	1856.20	1992.56	2110.99	1986.58	6.42	ppb
Rhodium	103-1				97		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	82-1	0.48	0.27	0.30	0.35	33.63	ppb
Selenium	77-2	3.38	1.19	0.00	1.53	112.44	ppb
Selenium	78-2	0.51	-1.50	2.91	0.64	343.96	ppb
Silicon	28-1	95.66	98.89	98.35	97.63	1.77	ppb
Silver	107-1	0.10	0.10	0.10	0.10	3.06	ppb
Silver	109-1	0.11	0.10	0.12	0.11	8.09	ppb
Sodium	23-2	75.23	84.66	91.39	83.76	9.69	ppb
Strontium	86-1	17.74	18.34	18.10	18.06	1.66	ppb
Strontium	88-1	17.98	18.05	18.07	18.03	0.25	ppb
Sulfur	34-1	-1959.43	-1846.01	-1811.87	-1872.44		ppb
Terbium	159-1				101		%
Terbium	159-2				94		%
Thallium	203-1	0.05	0.05	0.05	0.05	3.89	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.34	ppb
Tin	118-1	0.04	0.04	0.05	0.05	2.88	ppb
Titanium	47-1	314.83	323.58	325.22	321.21	1.74	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:23:28	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.19	0.20	0.20	3.29	ppb
Vanadium	51-2	35.48	38.86	40.15	38.16	6.31	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	75.13	81.78	87.88	81.60	7.81	ppb
Zirconium	90-1	1.84	1.84	1.88	1.85	1.37	ppb
Zirconium	91-1	1.90	1.92	1.90	1.90	0.55	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:26:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9525.69	9536.09	9709.48	9590.42	1.08	ppb
Antimony	121-1	0.26	0.28	0.24	0.26	6.59	ppb
Arsenic	75-2	22.38	21.28	21.71	21.79	2.55	ppb
Barium	135-1	74.24	74.59	73.89	74.24	0.47	ppb
Barium	137-1	74.13	74.28	74.68	74.36	0.39	ppb
Beryllium	9-1	0.35	0.29	0.34	0.33	10.33	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.37	0.79	0.45	0.54	41.77	ppb
Cadmium	106-1	-0.59	-0.24	0.68	-0.05		ppb
Cadmium	111-1	0.27	0.25	0.33	0.28	14.24	ppb
Calcium	43-1	3842.15	3894.46	3957.90	3898.17	1.49	ppb
Calcium	44-1	3867.54	3937.40	3948.01	3917.65	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.72	10.16	10.07	9.98	2.32	ppb
Cobalt	59-2	8.39	8.59	8.69	8.56	1.76	ppb
Copper	63-2	38.70	38.94	39.11	38.92	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				100		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	22647.38	22833.46	23236.19	22905.68	1.31	ppb
Iron	57-2	23408.96	23531.89	23931.09	23623.98	1.16	ppb
Iron	54-2	22622.61	22947.97	23431.58	23000.72	1.77	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:26:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.33	16.13	16.46	16.30	1.02	ppb
Lead	207-1	16.45	16.14	16.24	16.28	0.97	ppb
Lead	208-1	16.28	16.19	16.32	16.26	0.39	ppb
Lithium	6-1				93		%
Magnesium	24-2	4028.54	4021.27	4104.48	4051.43	1.14	ppb
Manganese	55-2	432.49	432.53	440.91	435.31	1.12	ppb
Molybdenum	94-1	4.10	4.16	4.19	4.15	1.05	ppb
Molybdenum	95-1	0.28	0.27	0.24	0.26	7.11	ppb
Molybdenum	96-1	0.86	0.90	0.90	0.89	2.37	ppb
Molybdenum	97-1	0.24	0.30	0.26	0.27	10.28	ppb
Molybdenum	98-1	0.26	0.32	0.23	0.27	17.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.86	10.28	9.77	9.97	2.75	ppb
Phosphorus	31-2	6222.56	6472.67	6547.97	6414.40	2.66	ppb
Potassium	39-2	1941.34	1961.57	1992.52	1965.14	1.31	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.36	-0.28	0.94	0.34	180.46	ppb
Selenium	77-2	2.84	0.56	3.98	2.46	70.67	ppb
Selenium	78-2	0.55	0.35	0.39	0.43	24.44	ppb
Silicon	28-1	96.68	98.84	99.46	98.33	1.49	ppb
Silver	107-1	0.10	0.11	0.12	0.11	5.32	ppb
Silver	109-1	0.10	0.10	0.10	0.10	1.57	ppb
Sodium	23-2	76.87	76.16	78.01	77.01	1.21	ppb
Strontium	86-1	18.43	18.67	19.27	18.79	2.30	ppb
Strontium	88-1	18.68	18.83	18.72	18.75	0.42	ppb
Sulfur	34-1	-1987.54	-1988.92	-1897.91	-1958.12		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.05	0.05	0.06	9.23	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	5.73	ppb
Tin	118-1	0.04	0.05	0.04	0.04	9.17	ppb
Titanium	47-1	324.29	333.21	333.98	330.49	1.63	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:26:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.19	0.20	0.19	0.58	ppb
Vanadium	51-2	36.51	37.19	37.04	36.92	0.97	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	80.49	79.68	79.76	79.98	0.56	ppb
Zirconium	90-1	1.96	1.94	2.02	1.98	1.95	ppb
Zirconium	91-1	2.01	1.84	1.96	1.94	4.56	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD536L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 15:30:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1869.38	1882.26	1857.24	1869.63	0.67	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	4.47	ppb
Arsenic	75-2	4.09	4.17	3.93	4.06	3.09	ppb
Barium	135-1	14.09	14.00	14.29	14.13	1.04	ppb
Barium	137-1	13.95	14.19	14.03	14.06	0.88	ppb
Beryllium	9-1	0.02	0.02	0.08	0.04	86.59	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.03	-0.01	0.03	148.03	ppb
Cadmium	106-1	-0.91	-0.61	-1.17	-0.90		ppb
Cadmium	111-1	-0.01	0.02	-0.02	0.00		ppb
Calcium	43-1	750.04	766.59	756.97	757.87	1.10	ppb
Calcium	44-1	761.85	781.36	776.88	773.36	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	2.01	1.91	1.95	2.52	ppb
Cobalt	59-2	1.67	1.64	1.63	1.65	1.41	ppb
Copper	63-2	7.69	7.65	7.68	7.67	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	4448.45	4482.25	4399.67	4443.46	0.93	ppb
Iron	57-2	4621.70	4641.03	4574.60	4612.44	0.74	ppb
Iron	54-2	4646.76	4624.04	4624.22	4631.67	0.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD536L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 15:30:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.03	3.15	3.07	3.08	1.90	ppb
Lead	207-1	3.16	3.15	3.08	3.13	1.42	ppb
Lead	208-1	3.05	3.13	3.06	3.08	1.44	ppb
Lithium	6-1				93		%
Magnesium	24-2	787.54	792.66	780.90	787.03	0.75	ppb
Manganese	55-2	84.84	84.99	84.17	84.67	0.52	ppb
Molybdenum	94-1	0.73	0.87	0.85	0.82	9.24	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	5.79	ppb
Molybdenum	96-1	0.16	0.19	0.19	0.18	8.95	ppb
Molybdenum	97-1	0.03	0.04	0.07	0.05	47.30	ppb
Molybdenum	98-1	0.04	0.04	0.06	0.05	13.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.81	1.88	1.92	1.87	3.03	ppb
Phosphorus	31-2	1117.28	1149.24	1219.92	1162.15	4.52	ppb
Potassium	39-2	367.21	371.11	367.77	368.70	0.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.34	0.19	1.31	0.39	217.48	ppb
Selenium	77-2	1.16	1.74	1.73	1.54	21.46	ppb
Selenium	78-2	0.15	-1.26	-1.45	-0.85		ppb
Silicon	28-1	19.18	19.68	19.50	19.45	1.29	ppb
Silver	107-1	0.01	0.02	0.02	0.02	18.84	ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.13	ppb
Sodium	23-2	24.14	24.98	23.35	24.16	3.37	ppb
Strontium	86-1	3.64	3.77	3.68	3.70	1.76	ppb
Strontium	88-1	3.58	3.85	3.61	3.68	3.94	ppb
Sulfur	34-1	-1853.56	-1750.39	-1890.23	-1831.39		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.01	0.01	26.69	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.06	ppb
Tin	118-1	0.01	0.01	0.02	0.01	57.56	ppb
Titanium	47-1	64.24	65.95	65.34	65.18	1.33	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD536L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 15:30:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.03	0.04	12.94	ppb
Vanadium	51-2	7.21	7.31	7.24	7.25	0.71	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	15.46	15.26	15.41	15.38	0.67	ppb
Zirconium	90-1	0.37	0.38	0.41	0.39	4.92	ppb
Zirconium	91-1	0.37	0.43	0.34	0.38	12.49	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:33:36	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46666.98	46818.95	43346.30	45610.74	4.30	ppb
Antimony	121-1	72.84	73.59	71.44	72.62	1.51	ppb
Arsenic	75-2	129.66	125.54	119.31	124.84	4.18	ppb
Barium	135-1	1881.23	1912.19	1884.90	1892.77	0.89	ppb
Barium	137-1	1876.46	1899.98	1858.78	1878.41	1.10	ppb
Beryllium	9-1	38.30	39.59	39.71	39.20	1.99	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.24	33.84	36.20	34.76	3.64	ppb
Cadmium	106-1	36.46	36.73	30.89	34.70	9.50	ppb
Cadmium	111-1	39.18	40.16	38.29	39.21	2.39	ppb
Calcium	43-1	17767.82	18392.41	17961.14	18040.46	1.77	ppb
Calcium	44-1	17102.89	17208.77	16937.29	17082.98	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197.33	197.73	183.86	192.97	4.09	ppb
Cobalt	59-2	407.94	412.50	376.87	399.10	4.86	ppb
Copper	63-2	363.63	368.24	338.65	356.84	4.46	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				102		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	112526.95	112804.96	103597.36	109643.09	4.78	ppb
Iron	57-2	109302.02	111392.96	102173.94	107622.97	4.49	ppb
Iron	54-2	112093.25	111500.20	103807.09	109133.51	4.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:33:36	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.49	95.01	94.24	94.58	0.42	ppb
Lead	207-1	94.37	95.18	95.11	94.89	0.47	ppb
Lead	208-1	93.88	94.46	94.31	94.21	0.32	ppb
Lithium	6-1				94		%
Magnesium	24-2	19261.47	19161.94	17723.41	18715.61	4.60	ppb
Manganese	55-2	2495.43	2482.32	2290.67	2422.81	4.73	ppb
Molybdenum	94-1	18.03	18.26	18.84	18.38	2.26	ppb
Molybdenum	95-1	1.31	1.22	1.17	1.23	6.05	ppb
Molybdenum	96-1	3.96	3.79	3.79	3.85	2.57	ppb
Molybdenum	97-1	1.15	1.22	1.23	1.20	3.57	ppb
Molybdenum	98-1	1.22	1.21	1.22	1.22	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	424.46	430.53	395.28	416.76	4.52	ppb
Phosphorus	31-2	32742.48	32717.31	30865.83	32108.54	3.35	ppb
Potassium	39-2	8873.03	9135.40	8302.57	8770.33	4.86	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	85.58	83.95	84.33	84.62	1.01	ppb
Selenium	77-2	106.05	99.93	93.43	99.80	6.32	ppb
Selenium	78-2	89.60	97.94	83.40	90.31	8.08	ppb
Silicon	28-1	450.69	459.37	448.66	452.91	1.26	ppb
Silver	107-1	36.77	37.04	36.41	36.74	0.87	ppb
Silver	109-1	36.10	36.31	35.96	36.13	0.49	ppb
Sodium	23-2	281.19	278.81	266.99	275.66	2.76	ppb
Strontium	86-1	82.84	83.43	83.62	83.30	0.49	ppb
Strontium	88-1	83.53	83.66	84.33	83.84	0.52	ppb
Sulfur	34-1	-2071.71	-2098.09	-2282.37	-2150.72		ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	33.06	33.23	32.85	33.05	0.57	ppb
Thallium	205-1	32.95	32.85	33.12	32.97	0.41	ppb
Tin	118-1	0.21	0.21	0.21	0.21	1.09	ppb
Titanium	47-1	1513.91	1564.35	1522.38	1533.54	1.76	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:33:36	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.04	1.05	1.05	0.68	ppb
Vanadium	51-2	552.66	554.78	512.59	540.01	4.40	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	751.18	753.29	694.56	733.01	4.55	ppb
Zirconium	90-1	8.70	8.81	8.83	8.78	0.78	ppb
Zirconium	91-1	8.85	9.02	9.22	9.03	2.03	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:36:50	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46845.39	46662.57	47502.44	47003.47	0.94	ppb
Antimony	121-1	362.89	371.29	365.43	366.53	1.18	ppb
Arsenic	75-2	213.32	216.01	216.94	215.42	0.87	ppb
Barium	135-1	7526.22	7643.55	7555.59	7575.12	0.81	ppb
Barium	137-1	7519.92	7635.26	7521.39	7558.86	0.88	ppb
Beryllium	9-1	181.03	182.67	180.58	181.43	0.61	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	158.86	168.58	161.99	163.14	3.04	ppb
Cadmium	106-1	153.34	158.57	153.20	155.04	1.97	ppb
Cadmium	111-1	186.44	186.30	183.45	185.39	0.91	ppb
Calcium	43-1	17251.00	17386.27	17445.58	17360.95	0.57	ppb
Calcium	44-1	16131.19	16393.94	16577.46	16367.53	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	726.12	724.47	717.82	722.80	0.61	ppb
Cobalt	59-2	1760.29	1726.20	1744.08	1743.53	0.98	ppb
Copper	63-2	1002.20	991.33	997.19	996.91	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				101		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	105078.34	105081.00	104507.67	104889.01	0.31	ppb
Iron	57-2	103625.66	104605.03	103584.51	103938.40	0.56	ppb
Iron	54-2	105333.58	103761.23	102969.02	104021.28	1.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:36:50	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	143.44	143.46	142.18	143.02	0.51	ppb
Lead	207-1	142.04	142.11	141.47	141.87	0.25	ppb
Lead	208-1	141.86	142.04	141.93	141.95	0.06	ppb
Lithium	6-1				91		%
Magnesium	24-2	17187.05	17280.36	17217.19	17228.20	0.28	ppb
Manganese	55-2	3604.24	3570.12	3575.25	3583.20	0.51	ppb
Molybdenum	94-1	17.58	17.92	18.21	17.90	1.75	ppb
Molybdenum	95-1	1.20	1.22	1.13	1.18	4.02	ppb
Molybdenum	96-1	3.73	3.72	3.72	3.73	0.13	ppb
Molybdenum	97-1	1.08	1.16	1.14	1.13	3.79	ppb
Molybdenum	98-1	1.12	1.14	1.16	1.14	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1766.91	1760.55	1755.98	1761.15	0.31	ppb
Phosphorus	31-2	29170.10	28914.17	28638.89	28907.72	0.92	ppb
Potassium	39-2	8133.51	8006.01	8060.85	8066.79	0.79	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	363.85	360.87	367.32	364.01	0.89	ppb
Selenium	77-2	338.70	351.41	386.32	358.81	6.87	ppb
Selenium	78-2	364.10	362.36	368.31	364.93	0.84	ppb
Silicon	28-1	438.87	436.62	440.51	438.67	0.44	ppb
Silver	107-1	173.26	174.96	172.75	173.66	0.67	ppb
Silver	109-1	171.22	173.33	171.31	171.95	0.69	ppb
Sodium	23-2	256.66	255.89	254.92	255.82	0.34	ppb
Strontium	86-1	79.92	80.76	81.70	80.79	1.10	ppb
Strontium	88-1	80.49	80.75	80.95	80.73	0.29	ppb
Sulfur	34-1	-2193.95	-2219.58	-2190.33	-2201.29		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	160.55	161.47	161.88	161.30	0.42	ppb
Thallium	205-1	179.82	182.50	184.24	182.18	1.22	ppb
Tin	118-1	0.20	0.20	0.19	0.20	1.83	ppb
Titanium	47-1	1465.08	1484.91	1474.90	1474.96	0.67	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:36:50	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	0.97	0.99	0.98	0.91	ppb
Vanadium	51-2	1812.05	1807.32	1826.59	1815.32	0.55	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	2038.47	2024.57	2027.51	2030.18	0.36	ppb
Zirconium	90-1	8.39	8.52	8.56	8.49	1.02	ppb
Zirconium	91-1	8.31	8.43	8.83	8.52	3.19	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:39:59	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14814.04	14436.96	14298.57	14516.52	1.84	ppb
Antimony	121-1	0.27	0.25	0.32	0.28	12.89	ppb
Arsenic	75-2	16.70	16.84	16.83	16.79	0.46	ppb
Barium	135-1	80.75	78.28	79.37	79.47	1.55	ppb
Barium	137-1	82.64	79.64	81.24	81.17	1.85	ppb
Beryllium	9-1	0.45	0.45	0.37	0.42	10.07	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.42	0.53	0.75	0.57	29.72	ppb
Cadmium	106-1	0.04	-0.92	-0.01	-0.30		ppb
Cadmium	111-1	0.13	0.04	0.08	0.08	55.42	ppb
Calcium	43-1	9047.10	8892.95	8608.33	8849.46	2.52	ppb
Calcium	44-1	8567.97	8346.67	8157.61	8357.42	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.66	15.66	15.66	15.66	0.01	ppb
Cobalt	59-2	13.04	12.67	12.74	12.82	1.52	ppb
Copper	63-2	26.52	26.22	26.08	26.27	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				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	29404.07	28985.91	29348.26	29246.08	0.78	ppb
Iron	57-2	30277.12	30060.64	30048.31	30128.69	0.43	ppb
Iron	54-2	29261.74	29140.38	28586.36	28996.16	1.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:39:59	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.82	6.67	6.80	6.76	1.17	ppb
Lead	207-1	6.70	6.56	6.67	6.64	1.09	ppb
Lead	208-1	6.70	6.49	6.55	6.58	1.62	ppb
Lithium	6-1				90		%
Magnesium	24-2	6384.82	6353.93	6326.85	6355.20	0.46	ppb
Manganese	55-2	631.46	627.32	626.17	628.32	0.44	ppb
Molybdenum	94-1	6.22	6.47	6.48	6.39	2.34	ppb
Molybdenum	95-1	0.30	0.25	0.28	0.28	8.22	ppb
Molybdenum	96-1	1.18	1.15	1.18	1.17	1.44	ppb
Molybdenum	97-1	0.20	0.26	0.28	0.25	17.42	ppb
Molybdenum	98-1	0.26	0.25	0.24	0.25	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.36	13.21	13.31	13.30	0.59	ppb
Phosphorus	31-2	7818.79	7879.69	6942.70	7547.06	6.95	ppb
Potassium	39-2	1479.78	1474.68	1458.92	1471.13	0.74	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.09	-0.24	0.94	0.26	233.24	ppb
Selenium	77-2	1.15	2.86	3.45	2.49	48.03	ppb
Selenium	78-2	-0.42	0.26	-1.29	-0.49		ppb
Silicon	28-1	99.66	97.03	95.66	97.45	2.08	ppb
Silver	107-1	0.07	0.06	0.06	0.07	10.58	ppb
Silver	109-1	0.08	0.05	0.04	0.06	38.33	ppb
Sodium	23-2	76.88	76.98	75.34	76.40	1.20	ppb
Strontium	86-1	23.35	24.46	23.75	23.85	2.35	ppb
Strontium	88-1	23.54	23.82	23.59	23.65	0.64	ppb
Sulfur	34-1	-2034.18	-2191.36	-2056.03	-2093.85		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.08	0.10	0.07	0.08	13.91	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	1.65	ppb
Tin	118-1	0.07	0.07	0.07	0.07	3.73	ppb
Titanium	47-1	414.68	406.35	406.57	409.20	1.16	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:39:59	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.19	0.20	5.51	ppb
Vanadium	51-2	45.43	44.51	45.41	45.12	1.17	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	61.98	62.78	60.90	61.89	1.52	ppb
Zirconium	90-1	3.05	3.11	3.13	3.10	1.28	ppb
Zirconium	91-1	3.19	3.35	3.24	3.26	2.66	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:43:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14423.12	14538.10	14304.70	14421.98	0.81	ppb
Antimony	121-1	0.17	0.17	0.19	0.18	5.32	ppb
Arsenic	75-2	17.64	17.87	17.25	17.59	1.80	ppb
Barium	135-1	80.57	77.93	81.75	80.08	2.44	ppb
Barium	137-1	78.77	78.83	80.49	79.36	1.23	ppb
Beryllium	9-1	0.44	0.46	0.41	0.44	5.98	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.56	0.85	0.56	0.65	25.36	ppb
Cadmium	106-1	-0.52	-0.38	0.21	-0.23		ppb
Cadmium	111-1	0.05	0.08	0.13	0.09	44.90	ppb
Calcium	43-1	8493.99	8649.90	8431.14	8525.01	1.32	ppb
Calcium	44-1	8058.13	8143.71	7984.83	8062.22	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.10	15.58	15.31	15.33	1.58	ppb
Cobalt	59-2	12.57	12.56	12.43	12.52	0.63	ppb
Copper	63-2	26.56	26.63	26.50	26.56	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				100		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	29047.03	29153.69	28753.33	28984.68	0.72	ppb
Iron	57-2	29755.92	29949.70	29843.46	29849.69	0.33	ppb
Iron	54-2	29079.83	28905.12	28671.83	28885.59	0.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:43:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.49	6.54	6.76	6.60	2.21	ppb
Lead	207-1	6.05	6.54	6.38	6.32	3.94	ppb
Lead	208-1	6.28	6.51	6.40	6.40	1.80	ppb
Lithium	6-1				93		%
Magnesium	24-2	6318.61	6369.53	6312.16	6333.44	0.50	ppb
Manganese	55-2	622.59	623.80	621.43	622.61	0.19	ppb
Molybdenum	94-1	6.28	6.45	6.36	6.37	1.36	ppb
Molybdenum	95-1	0.24	0.27	0.26	0.26	5.35	ppb
Molybdenum	96-1	1.09	1.17	1.13	1.13	3.32	ppb
Molybdenum	97-1	0.33	0.26	0.20	0.26	24.45	ppb
Molybdenum	98-1	0.23	0.28	0.26	0.25	10.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.44	13.06	13.14	13.21	1.51	ppb
Phosphorus	31-2	7859.47	7749.56	8498.07	8035.70	5.03	ppb
Potassium	39-2	1453.19	1475.00	1469.28	1465.82	0.77	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.99	-0.19	0.71	0.50	122.79	ppb
Selenium	77-2	3.45	3.42	2.86	3.24	10.16	ppb
Selenium	78-2	1.33	-0.64	0.08	0.26	388.20	ppb
Silicon	28-1	97.45	100.45	97.68	98.53	1.70	ppb
Silver	107-1	0.04	0.04	0.04	0.04	7.54	ppb
Silver	109-1	0.04	0.03	0.03	0.03	13.59	ppb
Sodium	23-2	73.29	71.97	70.78	72.02	1.74	ppb
Strontium	86-1	22.79	23.57	23.14	23.17	1.68	ppb
Strontium	88-1	22.95	23.39	23.08	23.14	0.98	ppb
Sulfur	34-1	-1696.36	-1745.98	-1693.72	-1712.02		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.07	0.06	0.06	13.60	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	1.59	ppb
Tin	118-1	0.07	0.06	0.07	0.06	3.64	ppb
Titanium	47-1	393.59	403.26	398.66	398.50	1.21	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:43:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.19	0.19	0.19	1.21	ppb
Vanadium	51-2	44.62	45.29	43.91	44.60	1.54	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	55.28	55.82	55.58	55.56	0.49	ppb
Zirconium	90-1	3.08	3.15	3.17	3.14	1.63	ppb
Zirconium	91-1	2.95	3.15	3.18	3.09	4.07	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD542L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 15:46:39	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3091.55	3065.65	3054.14	3070.45	0.62	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	10.38	ppb
Arsenic	75-2	3.38	3.78	2.96	3.37	12.10	ppb
Barium	135-1	16.48	16.05	16.46	16.33	1.51	ppb
Barium	137-1	16.55	16.42	16.16	16.38	1.21	ppb
Beryllium	9-1	0.03	0.11	0.09	0.08	55.98	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.03	0.07	0.06	43.91	ppb
Cadmium	106-1	-0.54	-0.94	-0.91	-0.80		ppb
Cadmium	111-1	-0.03	-0.04	-0.02	-0.03		ppb
Calcium	43-1	1871.42	1787.83	1808.37	1822.54	2.39	ppb
Calcium	44-1	1885.41	1816.02	1832.32	1844.58	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.29	3.09	3.16	3.18	3.11	ppb
Cobalt	59-2	2.71	2.69	2.65	2.68	1.15	ppb
Copper	63-2	6.80	6.90	7.13	6.95	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	5987.75	5995.71	5982.80	5988.76	0.11	ppb
Iron	57-2	6232.12	6151.69	6149.18	6177.66	0.76	ppb
Iron	54-2	6270.36	6216.39	6204.62	6230.46	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD542L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 15:46:39	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.37	1.32	1.25	1.31	4.58	ppb
Lead	207-1	1.31	1.29	1.29	1.29	0.77	ppb
Lead	208-1	1.32	1.31	1.28	1.30	1.62	ppb
Lithium	6-1				92		%
Magnesium	24-2	1322.42	1318.57	1296.62	1312.54	1.06	ppb
Manganese	55-2	129.84	129.70	129.09	129.54	0.31	ppb
Molybdenum	94-1	1.32	1.37	1.29	1.33	2.88	ppb
Molybdenum	95-1	0.04	0.05	0.06	0.05	21.16	ppb
Molybdenum	96-1	0.23	0.23	0.21	0.22	5.11	ppb
Molybdenum	97-1	0.06	0.06	0.06	0.06	8.16	ppb
Molybdenum	98-1	0.04	0.05	0.06	0.05	13.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.95	2.78	2.94	2.89	3.32	ppb
Phosphorus	31-2	1335.38	1713.84	1485.74	1511.65	12.61	ppb
Potassium	39-2	306.61	308.94	300.98	305.51	1.34	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.38	-0.12	0.20	0.15	163.05	ppb
Selenium	77-2	0.59	1.18	0.59	0.79	42.88	ppb
Selenium	78-2	-0.25	-1.36	0.29	-0.44		ppb
Silicon	28-1	20.88	20.15	20.24	20.42	1.96	ppb
Silver	107-1	0.00	0.02	0.01	0.01	55.33	ppb
Silver	109-1	0.00	0.00	0.01	0.00	7.52	ppb
Sodium	23-2	21.91	22.59	23.06	22.52	2.57	ppb
Strontium	86-1	4.96	4.61	5.05	4.88	4.75	ppb
Strontium	88-1	4.90	4.73	4.91	4.85	2.04	ppb
Sulfur	34-1	-1408.34	-1583.19	-1557.36	-1516.30		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.01	0.02	0.02	28.16	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	7.54	ppb
Tin	118-1	0.02	0.01	0.01	0.01	40.58	ppb
Titanium	47-1	85.36	81.81	83.73	83.63	2.12	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD542L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 15:46:39	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.03	0.04	0.04	11.18	ppb
Vanadium	51-2	9.12	9.31	9.19	9.21	1.04	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	12.58	12.93	12.91	12.81	1.57	ppb
Zirconium	90-1	0.66	0.64	0.64	0.65	1.44	ppb
Zirconium	91-1	0.68	0.71	0.67	0.69	2.63	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:50:01	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66800.95	67633.33	67364.42	67266.24	0.63	ppb
Antimony	121-1	36.58	36.88	36.96	36.80	0.54	ppb
Arsenic	75-2	93.13	91.37	91.45	91.98	1.08	ppb
Barium	135-1	1085.22	1111.16	1102.33	1099.57	1.20	ppb
Barium	137-1	1168.88	1197.61	1170.48	1178.99	1.37	ppb
Beryllium	9-1	21.54	20.68	21.48	21.23	2.27	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	18.93	19.12	19.81	19.29	2.41	ppb
Cadmium	106-1	19.71	21.78	19.97	20.49	5.52	ppb
Cadmium	111-1	19.72	19.54	19.52	19.59	0.55	ppb
Calcium	43-1	39119.92	38681.07	40094.04	39298.34	1.84	ppb
Calcium	44-1	37127.33	36354.05	37617.53	37032.97	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139.81	138.58	137.88	138.76	0.71	ppb
Cobalt	59-2	222.62	221.20	221.77	221.86	0.32	ppb
Copper	63-2	196.78	197.07	197.30	197.05	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	134650.18	132340.75	131570.84	132853.92	1.21	ppb
Iron	57-2	133420.48	130149.79	131550.91	131707.06	1.25	ppb
Iron	54-2	132735.18	131151.64	132542.94	132143.25	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:50:01	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.52	40.64	40.87	40.34	1.78	ppb
Lead	207-1	39.03	39.57	39.65	39.42	0.86	ppb
Lead	208-1	38.99	39.85	39.71	39.52	1.17	ppb
Lithium	6-1				93		%
Magnesium	24-2	28573.56	28334.98	28632.54	28513.69	0.55	ppb
Manganese	55-2	3047.80	3005.90	3030.22	3027.97	0.69	ppb
Molybdenum	94-1	30.18	30.34	30.09	30.20	0.41	ppb
Molybdenum	95-1	1.24	1.19	1.18	1.20	2.57	ppb
Molybdenum	96-1	5.35	5.26	5.20	5.27	1.44	ppb
Molybdenum	97-1	1.20	1.32	1.23	1.25	4.99	ppb
Molybdenum	98-1	1.15	1.19	1.23	1.19	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	229.84	230.63	230.59	230.36	0.19	ppb
Phosphorus	31-2	36228.93	35840.02	35519.59	35862.85	0.99	ppb
Potassium	39-2	6544.10	6489.84	6570.85	6534.93	0.63	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	3.47	3.71	4.15	3.78	9.09	ppb
Selenium	77-2	24.86	15.84	19.13	19.94	22.88	ppb
Selenium	78-2	5.60	7.66	5.81	6.36	17.84	ppb
Silicon	28-1	450.11	445.15	458.84	451.37	1.54	ppb
Silver	107-1	18.14	18.50	18.03	18.22	1.34	ppb
Silver	109-1	17.69	17.89	17.93	17.84	0.72	ppb
Sodium	23-2	264.54	263.86	266.48	264.96	0.51	ppb
Strontium	86-1	107.54	107.79	107.95	107.76	0.19	ppb
Strontium	88-1	108.00	108.22	107.81	108.01	0.19	ppb
Sulfur	34-1	-1745.42	-1857.69	-1645.35	-1749.49		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	16.58	17.07	17.26	16.97	2.08	ppb
Thallium	205-1	16.59	16.84	16.92	16.78	1.03	ppb
Tin	118-1	0.36	0.35	0.35	0.35	1.88	ppb
Titanium	47-1	1855.54	1824.28	1889.37	1856.40	1.75	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:50:01	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.97	1.02	0.99	2.99	ppb
Vanadium	51-2	373.51	374.54	375.32	374.46	0.24	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	423.88	418.91	428.20	423.66	1.10	ppb
Zirconium	90-1	14.45	14.76	14.60	14.60	1.07	ppb
Zirconium	91-1	14.67	14.91	14.58	14.72	1.17	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:53:19	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72055.57	70872.57	70491.81	71139.98	1.15	ppb
Antimony	121-1	396.82	405.79	394.58	399.06	1.49	ppb
Arsenic	75-2	211.64	213.39	212.93	212.65	0.43	ppb
Barium	135-1	8360.43	8535.26	8214.89	8370.19	1.92	ppb
Barium	137-1	8334.93	8523.49	8220.00	8359.47	1.83	ppb
Beryllium	9-1	203.52	203.18	205.75	204.15	0.68	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	177.10	173.91	171.18	174.06	1.70	ppb
Cadmium	106-1	173.68	173.09	165.32	170.70	2.73	ppb
Cadmium	111-1	199.80	202.09	193.98	198.62	2.11	ppb
Calcium	43-1	37397.72	38089.30	37903.31	37796.78	0.95	ppb
Calcium	44-1	35506.91	36241.48	35880.27	35876.22	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	796.60	789.10	783.70	789.80	0.82	ppb
Cobalt	59-2	1870.67	1841.42	1833.28	1848.46	1.06	ppb
Copper	63-2	1000.97	996.18	981.45	992.87	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	132390.62	132745.38	130736.40	131957.47	0.81	ppb
Iron	57-2	129667.78	130651.86	128509.90	129609.85	0.83	ppb
Iron	54-2	132098.84	130048.19	130253.50	130800.18	0.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:53:19	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	104.25	105.62	104.30	104.72	0.74	ppb
Lead	207-1	100.83	102.12	102.01	101.66	0.71	ppb
Lead	208-1	102.23	103.64	103.13	103.00	0.69	ppb
Lithium	6-1				91		%
Magnesium	24-2	27767.58	27314.41	27479.97	27520.65	0.83	ppb
Manganese	55-2	4562.20	4524.24	4485.41	4523.95	0.85	ppb
Molybdenum	94-1	29.21	29.45	30.09	29.58	1.55	ppb
Molybdenum	95-1	1.29	1.23	1.29	1.27	2.76	ppb
Molybdenum	96-1	5.16	5.25	5.19	5.20	0.86	ppb
Molybdenum	97-1	1.26	1.23	1.18	1.22	3.14	ppb
Molybdenum	98-1	1.20	1.26	1.22	1.23	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1873.39	1853.48	1838.21	1855.03	0.95	ppb
Phosphorus	31-2	34733.27	34189.68	34042.37	34321.77	1.06	ppb
Potassium	39-2	6153.37	6189.55	6129.10	6157.34	0.49	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	424.62	424.87	428.14	425.88	0.46	ppb
Selenium	77-2	437.69	443.66	437.85	439.73	0.77	ppb
Selenium	78-2	426.50	414.77	422.29	421.18	1.41	ppb
Silicon	28-1	427.36	436.78	434.19	432.78	1.12	ppb
Silver	107-1	202.91	174.08	169.84	182.28	9.87	ppb
Silver	109-1	174.56	160.79	178.77	171.37	5.49	ppb
Sodium	23-2	262.94	259.57	259.53	260.68	0.75	ppb
Strontium	86-1	102.40	104.20	105.35	103.98	1.43	ppb
Strontium	88-1	103.22	104.66	105.55	104.48	1.13	ppb
Sulfur	34-1	-1954.87	-1837.59	-1950.22	-1914.23		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	175.08	178.41	174.59	176.03	1.18	ppb
Thallium	205-1	200.47	201.69	201.88	201.35	0.38	ppb
Tin	118-1	0.32	0.34	0.33	0.33	1.87	ppb
Titanium	47-1	1767.88	1793.52	1779.68	1780.36	0.72	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:53:19	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.95	0.94	0.94	1.04	ppb
Vanadium	51-2	1981.86	1967.92	1953.99	1967.92	0.71	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	2053.41	2043.09	2022.14	2039.54	0.78	ppb
Zirconium	90-1	14.13	14.32	14.45	14.30	1.10	ppb
Zirconium	91-1	14.31	14.44	14.48	14.41	0.63	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:56:26	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11153.57	11041.30	11264.41	11153.09	1.00	ppb
Antimony	121-1	0.33	0.30	0.34	0.32	6.42	ppb
Arsenic	75-2	8.74	7.76	9.09	8.53	8.07	ppb
Barium	135-1	119.96	103.60	105.03	109.53	8.27	ppb
Barium	137-1	118.68	104.13	105.45	109.42	7.35	ppb
Beryllium	9-1	0.58	0.55	0.56	0.56	2.17	ppb
Bismuth	209-1				90		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.00	0.52	0.52	0.68	40.56	ppb
Cadmium	106-1	-0.05	0.05	-0.57	-0.19		ppb
Cadmium	111-1	0.12	0.12	0.09	0.11	16.60	ppb
Calcium	43-1	6246.92	5415.17	5546.78	5736.29	7.79	ppb
Calcium	44-1	6341.66	5508.51	5581.29	5810.49	7.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.90	15.77	16.34	16.00	1.87	ppb
Cobalt	59-2	8.77	8.28	8.74	8.60	3.15	ppb
Copper	63-2	23.44	22.50	22.85	22.93	2.06	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				92		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				93		%
Iron	56-2	20773.01	20329.28	20757.41	20619.90	1.22	ppb
Iron	57-2	21189.93	21125.25	21435.85	21250.35	0.77	ppb
Iron	54-2	21236.41	21172.79	20599.77	21002.99	1.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:56:26	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.98	9.49	9.77	10.08	7.90	ppb
Lead	207-1	10.04	8.87	9.17	9.36	6.51	ppb
Lead	208-1	10.37	9.11	9.39	9.62	6.86	ppb
Lithium	6-1				86		%
Magnesium	24-2	5463.05	5423.16	5522.68	5469.63	0.92	ppb
Manganese	55-2	442.75	442.77	448.94	444.82	0.80	ppb
Molybdenum	94-1	7.73	6.59	6.86	7.06	8.44	ppb
Molybdenum	95-1	0.33	0.28	0.28	0.30	8.68	ppb
Molybdenum	96-1	1.27	1.09	1.11	1.16	8.44	ppb
Molybdenum	97-1	0.29	0.27	0.28	0.28	2.97	ppb
Molybdenum	98-1	0.31	0.24	0.26	0.27	12.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.32	15.15	14.45	14.64	3.03	ppb
Phosphorus	31-2	6975.96	7139.61	7220.50	7112.02	1.75	ppb
Potassium	39-2	1916.74	1912.34	1934.00	1921.03	0.60	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	82-1	0.20	0.08	0.28	0.19	52.08	ppb
Selenium	77-2	3.00	3.57	6.50	4.36	43.17	ppb
Selenium	78-2	-0.94	0.47	1.33	0.29	399.55	ppb
Silicon	28-1	116.08	98.92	99.82	104.94	9.21	ppb
Silver	107-1	0.12	0.08	0.08	0.10	26.97	ppb
Silver	109-1	0.12	0.08	0.08	0.09	24.32	ppb
Sodium	23-2	96.31	98.08	99.62	98.00	1.69	ppb
Strontium	86-1	40.76	35.00	36.27	37.35	8.11	ppb
Strontium	88-1	40.14	34.79	36.20	37.04	7.49	ppb
Sulfur	34-1	-933.19	-1851.18	-1827.21	-1537.19		ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	0.09	0.07	0.06	0.08	15.66	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	15.98	ppb
Tin	118-1	0.07	0.05	0.05	0.06	15.10	ppb
Titanium	47-1	213.10	184.67	185.73	194.50	8.29	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:56:26	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.21	0.23	0.23	5.23	ppb
Vanadium	51-2	31.07	30.72	31.29	31.03	0.93	ppb
Yttrium	89-1				91		%
Yttrium	89-2				95		%
Zinc	66-2	57.39	57.24	56.97	57.20	0.38	ppb
Zirconium	90-1	3.71	3.20	3.37	3.43	7.58	ppb
Zirconium	91-1	3.76	3.26	3.45	3.49	7.30	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:59:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11181.22	10686.94	11202.26	11023.48	2.65	ppb
Antimony	121-1	0.17	0.18	0.20	0.18	8.47	ppb
Arsenic	75-2	9.45	8.96	8.27	8.89	6.64	ppb
Barium	135-1	104.17	107.42	105.53	105.71	1.55	ppb
Barium	137-1	105.36	105.98	105.59	105.64	0.30	ppb
Beryllium	9-1	0.52	0.51	0.43	0.48	10.31	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.39	0.57	0.61	0.52	22.41	ppb
Cadmium	106-1	0.77	-1.27	-0.35	-0.28		ppb
Cadmium	111-1	0.20	0.01	0.08	0.10	95.82	ppb
Calcium	43-1	5489.36	5619.07	5572.65	5560.36	1.18	ppb
Calcium	44-1	5561.36	5727.07	5630.16	5639.53	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.20	15.42	16.08	15.90	2.67	ppb
Cobalt	59-2	8.48	8.25	8.31	8.35	1.47	ppb
Copper	63-2	22.64	21.50	22.51	22.22	2.80	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				96		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	20801.42	19721.80	20561.23	20361.48	2.78	ppb
Iron	57-2	21325.23	20314.98	21196.06	20945.42	2.62	ppb
Iron	54-2	20987.42	19716.09	20685.05	20462.85	3.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:59:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.58	9.50	9.66	9.58	0.84	ppb
Lead	207-1	8.98	8.99	9.06	9.01	0.45	ppb
Lead	208-1	9.11	9.17	9.17	9.15	0.36	ppb
Lithium	6-1				91		%
Magnesium	24-2	5449.75	5240.70	5449.31	5379.92	2.24	ppb
Manganese	55-2	446.08	425.44	440.16	437.22	2.43	ppb
Molybdenum	94-1	6.40	7.02	6.69	6.70	4.64	ppb
Molybdenum	95-1	0.25	0.27	0.28	0.27	5.56	ppb
Molybdenum	96-1	1.12	1.16	1.03	1.10	5.77	ppb
Molybdenum	97-1	0.28	0.30	0.31	0.30	4.56	ppb
Molybdenum	98-1	0.29	0.28	0.26	0.28	5.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.11	14.14	13.91	14.05	0.88	ppb
Phosphorus	31-2	7285.07	6867.70	7196.27	7116.35	3.09	ppb
Potassium	39-2	1935.49	1831.59	1924.12	1897.07	3.00	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	0.22	0.76	0.47	0.48	56.91	ppb
Selenium	77-2	4.10	6.80	6.35	5.75	25.13	ppb
Selenium	78-2	0.56	0.20	-0.40	0.12	399.57	ppb
Silicon	28-1	99.26	103.00	100.71	100.99	1.87	ppb
Silver	107-1	0.05	0.06	0.07	0.06	21.53	ppb
Silver	109-1	0.04	0.06	0.06	0.05	16.52	ppb
Sodium	23-2	90.51	81.04	91.93	87.83	6.74	ppb
Strontium	86-1	35.50	35.57	36.01	35.69	0.78	ppb
Strontium	88-1	35.50	35.57	36.03	35.70	0.82	ppb
Sulfur	34-1	-1750.63	-1731.44	-1825.64	-1769.24		ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.06	0.06	0.06	5.80	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	9.13	ppb
Tin	118-1	0.05	0.05	0.05	0.05	7.66	ppb
Titanium	47-1	186.21	192.54	190.03	189.59	1.68	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:59:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.21	0.21	0.60	ppb
Vanadium	51-2	31.05	29.86	31.13	30.68	2.31	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	56.99	54.80	56.37	56.05	2.02	ppb
Zirconium	90-1	3.23	3.25	3.28	3.25	0.83	ppb
Zirconium	91-1	3.10	3.42	3.28	3.27	4.95	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5H2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 16:03:11	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2211.22	2203.39	2204.50	2206.37	0.19	ppb
Antimony	121-1	0.04	0.06	0.04	0.05	22.42	ppb
Arsenic	75-2	1.66	1.67	1.83	1.72	5.50	ppb
Barium	135-1	20.44	20.57	20.65	20.55	0.50	ppb
Barium	137-1	20.75	20.68	20.80	20.74	0.29	ppb
Beryllium	9-1	0.05	0.04	0.11	0.07	58.26	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.07	0.08	0.09	28.42	ppb
Cadmium	106-1	-0.90	-0.33	0.31	-0.31		ppb
Cadmium	111-1	-0.04	0.01	0.06	0.01	509.92	ppb
Calcium	43-1	1138.16	1094.52	1047.66	1093.45	4.14	ppb
Calcium	44-1	1102.50	1112.96	1092.29	1102.58	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.37	3.38	3.21	3.32	2.96	ppb
Cobalt	59-2	1.66	1.80	1.71	1.72	4.25	ppb
Copper	63-2	4.94	4.63	4.68	4.75	3.46	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				96		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	4087.43	4073.90	4003.84	4055.06	1.11	ppb
Iron	57-2	4152.40	4192.26	4196.53	4180.40	0.58	ppb
Iron	54-2	4198.62	4213.89	4195.49	4202.67	0.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5H2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 16:03:11	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.84	1.88	1.82	1.85	1.74	ppb
Lead	207-1	1.73	1.76	1.71	1.73	1.51	ppb
Lead	208-1	1.76	1.80	1.77	1.78	1.29	ppb
Lithium	6-1				91		%
Magnesium	24-2	1075.95	1082.88	1081.55	1080.13	0.34	ppb
Manganese	55-2	88.09	87.56	87.10	87.58	0.57	ppb
Molybdenum	94-1	1.24	1.39	1.22	1.29	7.36	ppb
Molybdenum	95-1	0.04	0.05	0.04	0.04	12.07	ppb
Molybdenum	96-1	0.21	0.23	0.21	0.22	3.88	ppb
Molybdenum	97-1	0.05	0.06	0.04	0.05	23.03	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.05	15.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.96	2.83	2.94	2.91	2.47	ppb
Phosphorus	31-2	1434.79	1093.92	1119.60	1216.10	15.61	ppb
Potassium	39-2	371.98	372.95	364.99	369.97	1.17	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.04	0.35	0.27	0.22	74.66	ppb
Selenium	77-2	0.59	0.60	1.20	0.80	43.65	ppb
Selenium	78-2	-0.64	0.34	-1.31	-0.54		ppb
Silicon	28-1	19.74	19.87	19.66	19.75	0.56	ppb
Silver	107-1	0.02	0.01	0.02	0.01	12.40	ppb
Silver	109-1	0.01	0.00	0.01	0.01	55.46	ppb
Sodium	23-2	21.22	18.40	17.92	19.18	9.27	ppb
Strontium	86-1	7.11	7.10	7.03	7.08	0.66	ppb
Strontium	88-1	6.99	7.18	7.03	7.07	1.41	ppb
Sulfur	34-1	-1855.89	-1914.59	-2018.39	-1929.62		ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.02	0.01	0.02	22.49	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	32.49	ppb
Tin	118-1	0.01	0.01	0.01	0.01	35.18	ppb
Titanium	47-1	37.42	37.71	37.96	37.70	0.71	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5H2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 16:03:11	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	7.43	ppb
Vanadium	51-2	6.08	6.07	6.19	6.12	1.12	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	10.77	11.55	11.44	11.25	3.76	ppb
Zirconium	90-1	0.64	0.66	0.66	0.65	2.40	ppb
Zirconium	91-1	0.61	0.63	0.67	0.64	5.25	ppb

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LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:06:35	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53663.74	54411.32	54420.89	54165.32	0.80	ppb
Antimony	121-1	73.77	76.16	77.48	75.80	2.48	ppb
Arsenic	75-2	67.87	67.66	68.57	68.03	0.71	ppb
Barium	135-1	2030.53	2083.60	2160.08	2091.40	3.11	ppb
Barium	137-1	2033.14	2080.72	2129.94	2081.27	2.33	ppb
Beryllium	9-1	40.00	41.50	41.69	41.06	2.26	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.49	32.97	35.80	34.75	4.47	ppb
Cadmium	106-1	34.15	37.78	36.45	36.12	5.08	ppb
Cadmium	111-1	38.50	40.08	41.04	39.87	3.22	ppb
Calcium	43-1	26265.92	27331.30	27653.78	27083.67	2.68	ppb
Calcium	44-1	24875.67	25669.67	26250.75	25598.70	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	217.59	219.94	216.54	218.02	0.80	ppb
Cobalt	59-2	380.85	388.18	385.45	384.83	0.96	ppb
Copper	63-2	269.81	274.53	272.76	272.37	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	98440.46	100142.98	99438.20	99340.55	0.86	ppb
Iron	57-2	97593.07	98723.41	99602.00	98639.49	1.02	ppb
Iron	54-2	98852.09	99716.43	98155.28	98907.94	0.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:06:35	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	61.29	64.71	65.43	63.81	3.46	ppb
Lead	207-1	58.53	61.58	62.19	60.77	3.22	ppb
Lead	208-1	59.39	62.84	63.13	61.78	3.37	ppb
Lithium	6-1				91		%
Magnesium	24-2	25463.79	25890.99	25525.75	25626.84	0.90	ppb
Manganese	55-2	2504.25	2497.50	2467.80	2489.85	0.78	ppb
Molybdenum	94-1	31.21	32.04	33.38	32.21	3.40	ppb
Molybdenum	95-1	1.25	1.41	1.36	1.34	6.09	ppb
Molybdenum	96-1	5.21	5.40	5.29	5.30	1.81	ppb
Molybdenum	97-1	1.24	1.34	1.42	1.33	7.01	ppb
Molybdenum	98-1	1.35	1.35	1.25	1.31	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	419.28	421.97	418.39	419.88	0.44	ppb
Phosphorus	31-2	35478.20	36356.95	35203.20	35679.45	1.69	ppb
Potassium	39-2	8727.07	8815.69	8764.85	8769.20	0.51	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	71.40	73.89	75.97	73.75	3.11	ppb
Selenium	77-2	74.86	78.78	72.05	75.23	4.50	ppb
Selenium	78-2	74.03	71.85	67.05	70.98	5.03	ppb
Silicon	28-1	474.33	487.98	496.41	486.24	2.29	ppb
Silver	107-1	35.59	36.61	37.76	36.65	2.97	ppb
Silver	109-1	35.07	36.39	36.99	36.15	2.72	ppb
Sodium	23-2	394.38	402.44	399.35	398.72	1.02	ppb
Strontium	86-1	165.18	169.64	169.78	168.20	1.56	ppb
Strontium	88-1	168.17	173.29	176.13	172.53	2.34	ppb
Sulfur	34-1	-1880.33	-1708.28	-1616.02	-1734.87		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	33.59	35.44	35.74	34.92	3.33	ppb
Thallium	205-1	33.42	35.26	35.51	34.73	3.29	ppb
Tin	118-1	0.27	0.29	0.30	0.29	4.49	ppb
Titanium	47-1	899.15	923.63	946.70	923.16	2.58	ppb

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:06:35	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.16	1.16	1.14	2.97	ppb
Vanadium	51-2	496.85	500.76	495.62	497.74	0.54	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	617.64	629.31	625.19	624.04	0.95	ppb
Zirconium	90-1	15.19	15.66	15.62	15.49	1.67	ppb
Zirconium	91-1	14.98	15.78	15.90	15.56	3.21	ppb

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LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:09:49	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58306.95	57916.56	57749.40	57990.97	0.49	ppb
Antimony	121-1	384.63	377.04	379.71	380.46	1.01	ppb
Arsenic	75-2	173.00	170.94	172.73	172.23	0.65	ppb
Barium	135-1	8091.41	8070.94	7806.78	7989.71	1.99	ppb
Barium	137-1	8091.87	7984.64	7874.30	7983.60	1.36	ppb
Beryllium	9-1	192.31	192.98	194.02	193.10	0.45	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	167.77	167.41	159.67	164.95	2.77	ppb
Cadmium	106-1	159.43	156.55	159.96	158.64	1.16	ppb
Cadmium	111-1	188.32	187.73	186.61	187.55	0.46	ppb
Calcium	43-1	25796.69	26128.54	26033.92	25986.38	0.66	ppb
Calcium	44-1	24835.30	24348.03	24447.77	24543.70	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	779.38	783.50	778.09	780.32	0.36	ppb
Cobalt	59-2	1800.57	1797.62	1798.24	1798.81	0.09	ppb
Copper	63-2	992.61	1000.70	990.29	994.53	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				97		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	99860.39	100020.70	99881.81	99920.97	0.09	ppb
Iron	57-2	99697.65	100454.37	98544.95	99565.66	0.97	ppb
Iron	54-2	98969.35	100370.49	98936.86	99425.57	0.82	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:09:49	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	115.05	115.40	117.69	116.05	1.24	ppb
Lead	207-1	109.40	110.69	111.67	110.59	1.03	ppb
Lead	208-1	111.83	112.68	114.34	112.95	1.13	ppb
Lithium	6-1				90		%
Magnesium	24-2	24997.01	25171.89	25050.41	25073.10	0.36	ppb
Manganese	55-2	3801.19	3835.37	3807.92	3814.83	0.47	ppb
Molybdenum	94-1	30.96	31.33	30.67	30.99	1.06	ppb
Molybdenum	95-1	1.33	1.27	1.30	1.30	2.19	ppb
Molybdenum	96-1	5.25	5.10	5.15	5.17	1.54	ppb
Molybdenum	97-1	1.31	1.23	1.39	1.31	6.21	ppb
Molybdenum	98-1	1.29	1.36	1.38	1.34	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1833.99	1846.16	1836.28	1838.81	0.35	ppb
Phosphorus	31-2	34644.29	34468.83	34350.32	34487.81	0.43	ppb
Potassium	39-2	8507.95	8533.59	8511.68	8517.74	0.16	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	361.89	367.00	370.65	366.52	1.20	ppb
Selenium	77-2	396.77	401.30	377.58	391.88	3.21	ppb
Selenium	78-2	364.12	389.99	371.53	375.21	3.55	ppb
Silicon	28-1	469.15	469.76	467.62	468.84	0.23	ppb
Silver	107-1	151.87	167.09	158.16	159.04	4.81	ppb
Silver	109-1	168.06	115.46	149.43	144.32	18.48	ppb
Sodium	23-2	387.90	397.63	395.30	393.61	1.29	ppb
Strontium	86-1	160.33	161.19	160.85	160.79	0.27	ppb
Strontium	88-1	164.24	163.92	166.50	164.89	0.85	ppb
Sulfur	34-1	-1775.24	-1801.78	-1763.31	-1780.11		ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	162.19	164.74	166.67	164.53	1.37	ppb
Thallium	205-1	185.29	188.02	190.39	187.90	1.36	ppb
Tin	118-1	0.29	0.27	0.28	0.28	3.75	ppb
Titanium	47-1	878.59	879.73	879.07	879.13	0.07	ppb

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:09:49	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.08	1.08	1.08	0.25	ppb
Vanadium	51-2	1883.30	1857.50	1870.82	1870.54	0.69	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	2039.40	2048.79	2029.31	2039.17	0.48	ppb
Zirconium	90-1	14.70	14.88	14.77	14.79	0.61	ppb
Zirconium	91-1	14.80	15.37	15.30	15.16	2.03	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:12:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8410.84	8441.72	8380.84	8411.13	0.36	ppb
Antimony	121-1	0.37	0.39	0.41	0.39	4.84	ppb
Arsenic	75-2	24.10	24.51	25.16	24.59	2.18	ppb
Barium	135-1	79.49	81.88	81.86	81.08	1.70	ppb
Barium	137-1	79.63	81.12	81.27	80.67	1.12	ppb
Beryllium	9-1	0.35	0.34	0.34	0.34	0.61	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.51	0.57	0.66	0.58	12.76	ppb
Cadmium	106-1	0.45	-0.86	0.09	-0.11		ppb
Cadmium	111-1	0.45	0.40	0.57	0.47	18.95	ppb
Calcium	43-1	3398.35	3453.21	3569.26	3473.61	2.51	ppb
Calcium	44-1	3493.78	3526.01	3616.79	3545.53	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.20	12.89	13.28	13.12	1.60	ppb
Cobalt	59-2	11.16	11.26	11.14	11.19	0.60	ppb
Copper	63-2	34.64	34.82	35.04	34.83	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				95		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	19788.64	19755.59	19749.65	19764.63	0.11	ppb
Iron	57-2	20392.50	20292.95	20400.23	20361.89	0.29	ppb
Iron	54-2	20460.91	20476.94	20258.24	20398.70	0.60	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:12:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.16	22.87	23.49	22.84	2.91	ppb
Lead	207-1	22.70	23.56	23.45	23.24	2.02	ppb
Lead	208-1	22.36	22.97	23.28	22.87	2.05	ppb
Lithium	6-1				89		%
Magnesium	24-2	4291.86	4258.22	4254.13	4268.07	0.49	ppb
Manganese	55-2	525.26	527.89	525.01	526.06	0.30	ppb
Molybdenum	94-1	2.73	2.74	2.65	2.71	1.94	ppb
Molybdenum	95-1	0.22	0.22	0.20	0.21	5.08	ppb
Molybdenum	96-1	0.60	0.61	0.64	0.61	3.02	ppb
Molybdenum	97-1	0.21	0.21	0.26	0.22	13.61	ppb
Molybdenum	98-1	0.20	0.22	0.22	0.22	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.38	10.65	10.64	10.56	1.46	ppb
Phosphorus	31-2	8152.56	8625.74	8486.14	8421.48	2.89	ppb
Potassium	39-2	2247.33	2271.79	2237.08	2252.07	0.79	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	0.11	1.29	0.36	0.59	105.87	ppb
Selenium	77-2	4.87	1.82	3.04	3.25	47.32	ppb
Selenium	78-2	0.06	0.59	0.42	0.36	76.96	ppb
Silicon	28-1	101.45	102.70	105.89	103.35	2.21	ppb
Silver	107-1	0.20	0.17	0.18	0.19	7.51	ppb
Silver	109-1	0.19	0.18	0.17	0.18	6.46	ppb
Sodium	23-2	73.31	71.27	72.18	72.25	1.41	ppb
Strontium	86-1	13.62	13.69	14.04	13.79	1.64	ppb
Strontium	88-1	13.52	13.93	13.81	13.75	1.52	ppb
Sulfur	34-1	-1817.88	-1823.15	-1607.25	-1749.43		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.08	0.07	0.08	0.08	10.08	ppb
Thallium	205-1	0.08	0.07	0.08	0.07	5.46	ppb
Tin	118-1	0.06	0.05	0.06	0.06	8.38	ppb
Titanium	47-1	281.45	286.31	290.89	286.22	1.65	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:12:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.15	0.16	0.16	3.99	ppb
Vanadium	51-2	32.65	32.71	32.54	32.64	0.27	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	110.38	110.98	112.22	111.19	0.85	ppb
Zirconium	90-1	1.29	1.28	1.32	1.29	1.59	ppb
Zirconium	91-1	1.29	1.33	1.40	1.34	4.28	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:16:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8489.62	8497.70	8509.17	8498.83	0.12	ppb
Antimony	121-1	0.26	0.28	0.29	0.28	6.41	ppb
Arsenic	75-2	25.96	23.90	23.03	24.30	6.20	ppb
Barium	135-1	78.82	80.98	79.81	79.87	1.35	ppb
Barium	137-1	78.94	81.58	80.08	80.20	1.65	ppb
Beryllium	9-1	0.29	0.36	0.32	0.32	10.56	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.65	0.66	0.65	0.66	0.87	ppb
Cadmium	106-1	-0.86	-0.90	-0.69	-0.82		ppb
Cadmium	111-1	0.40	0.35	0.27	0.34	18.41	ppb
Calcium	43-1	3536.40	3610.25	3557.34	3568.00	1.07	ppb
Calcium	44-1	3565.06	3682.74	3625.39	3624.40	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.70	12.55	12.33	12.53	1.49	ppb
Cobalt	59-2	11.18	11.02	11.14	11.11	0.73	ppb
Copper	63-2	35.34	36.05	35.71	35.70	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				95		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	19964.40	19993.53	19923.42	19960.45	0.18	ppb
Iron	57-2	20501.00	20827.67	20624.45	20651.04	0.80	ppb
Iron	54-2	20646.51	20824.88	20691.59	20720.99	0.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:16:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.16	22.94	22.99	23.03	0.49	ppb
Lead	207-1	23.62	23.27	23.51	23.47	0.76	ppb
Lead	208-1	23.26	22.92	23.16	23.12	0.75	ppb
Lithium	6-1				89		%
Magnesium	24-2	4309.30	4313.66	4315.17	4312.71	0.07	ppb
Manganese	55-2	520.71	527.08	522.56	523.45	0.63	ppb
Molybdenum	94-1	2.69	2.81	2.74	2.75	2.09	ppb
Molybdenum	95-1	0.22	0.19	0.27	0.23	17.63	ppb
Molybdenum	96-1	0.56	0.60	0.66	0.61	8.19	ppb
Molybdenum	97-1	0.20	0.21	0.19	0.20	4.32	ppb
Molybdenum	98-1	0.17	0.21	0.21	0.20	11.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.63	10.61	10.97	10.74	1.85	ppb
Phosphorus	31-2	8286.47	8171.52	8180.08	8212.69	0.78	ppb
Potassium	39-2	2281.41	2300.89	2280.84	2287.71	0.50	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	-0.01	0.57	0.14	0.23	129.45	ppb
Selenium	77-2	2.41	2.39	1.20	2.00	34.61	ppb
Selenium	78-2	-0.18	-0.94	-1.11	-0.74		ppb
Silicon	28-1	104.74	108.10	103.52	105.45	2.25	ppb
Silver	107-1	0.14	0.15	0.16	0.15	6.54	ppb
Silver	109-1	0.13	0.15	0.15	0.14	8.98	ppb
Sodium	23-2	72.17	71.89	71.19	71.75	0.70	ppb
Strontium	86-1	13.56	14.37	13.55	13.83	3.36	ppb
Strontium	88-1	14.03	13.98	13.95	13.99	0.31	ppb
Sulfur	34-1	-1742.13	-1612.12	-1811.73	-1721.99		ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.07	0.05	0.07	0.06	12.66	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	6.18	ppb
Tin	118-1	0.06	0.06	0.06	0.06	0.78	ppb
Titanium	47-1	292.14	294.24	291.15	292.51	0.54	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:16:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.17	0.17	0.16	4.01	ppb
Vanadium	51-2	33.06	33.38	32.80	33.08	0.88	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	110.01	114.21	109.48	111.23	2.33	ppb
Zirconium	90-1	1.30	1.33	1.28	1.30	2.08	ppb
Zirconium	91-1	1.34	1.30	1.31	1.32	1.53	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-02LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD573DL	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 16:19:40	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1707.58	1682.86	1706.44	1698.96	0.82	ppb
Antimony	121-1	0.07	0.07	0.08	0.07	10.82	ppb
Arsenic	75-2	5.06	5.25	5.79	5.37	7.07	ppb
Barium	135-1	16.92	16.57	16.03	16.51	2.73	ppb
Barium	137-1	17.40	16.72	15.84	16.65	4.69	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	29.57	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.03	0.12	0.08	56.20	ppb
Cadmium	106-1	-0.72	-2.15	-3.42	-2.10		ppb
Cadmium	111-1	0.04	-0.09	-0.15	-0.06		ppb
Calcium	43-1	713.21	698.10	675.96	695.76	2.69	ppb
Calcium	44-1	752.11	719.23	709.83	727.06	3.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.53	2.55	2.63	2.57	2.15	ppb
Cobalt	59-2	2.36	2.16	2.34	2.29	4.91	ppb
Copper	63-2	6.82	6.96	7.09	6.96	1.90	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				93		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	4011.03	3863.52	4009.10	3961.22	2.14	ppb
Iron	57-2	4079.20	4005.87	4124.25	4069.78	1.47	ppb
Iron	54-2	4082.85	4016.90	4088.80	4062.85	0.98	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-02LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD573DL	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 16:19:40	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.71	4.56	4.66	4.65	1.66	ppb
Lead	207-1	4.86	4.76	4.44	4.69	4.70	ppb
Lead	208-1	4.69	4.59	4.56	4.61	1.51	ppb
Lithium	6-1				88		%
Magnesium	24-2	848.86	838.63	856.13	847.87	1.04	ppb
Manganese	55-2	105.84	103.52	105.01	104.79	1.12	ppb
Molybdenum	94-1	0.58	0.55	0.55	0.56	3.37	ppb
Molybdenum	95-1	0.06	0.06	0.05	0.06	11.70	ppb
Molybdenum	96-1	0.16	0.13	0.12	0.14	12.70	ppb
Molybdenum	97-1	0.04	0.02	0.04	0.04	35.43	ppb
Molybdenum	98-1	0.03	0.04	0.06	0.05	31.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	2.12	2.22	2.09	6.72	ppb
Phosphorus	31-2	1574.93	1602.60	1489.73	1555.75	3.78	ppb
Potassium	39-2	442.51	440.62	443.89	442.34	0.37	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	0.53	-0.32	0.51	0.24	201.26	ppb
Selenium	77-2	0.00	0.61	1.23	0.61	100.37	ppb
Selenium	78-2	0.42	0.25	0.67	0.45	48.15	ppb
Silicon	28-1	21.93	20.87	20.55	21.11	3.42	ppb
Silver	107-1	0.03	0.02	0.03	0.03	16.18	ppb
Silver	109-1	0.03	0.03	0.02	0.03	21.98	ppb
Sodium	23-2	18.01	17.28	17.51	17.60	2.09	ppb
Strontium	86-1	2.97	2.94	2.83	2.91	2.64	ppb
Strontium	88-1	2.86	2.85	2.82	2.84	0.77	ppb
Sulfur	34-1	-1630.29	-1873.12	-1988.97	-1830.79		ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.00	0.01	39.37	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	27.21	ppb
Tin	118-1	0.01	0.01	0.01	0.01	24.07	ppb
Titanium	47-1	61.48	58.44	56.23	58.71	4.49	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-02LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD573DL	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 16:19:40	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	5.14	ppb
Vanadium	51-2	6.64	6.70	6.52	6.62	1.39	ppb
Yttrium	89-1				90		%
Yttrium	89-2				92		%
Zinc	66-2	23.00	21.49	20.36	21.62	6.12	ppb
Zirconium	90-1	0.29	0.26	0.25	0.27	8.82	ppb
Zirconium	91-1	0.34	0.27	0.23	0.28	19.56	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:23:02	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43792.71	37354.82	39531.34	40226.29	8.14	ppb
Antimony	121-1	78.18	80.38	78.82	79.13	1.43	ppb
Arsenic	75-2	150.14	130.73	137.64	139.50	7.05	ppb
Barium	135-1	2063.63	2101.96	2050.86	2072.15	1.28	ppb
Barium	137-1	2042.46	2081.31	2029.93	2051.23	1.31	ppb
Beryllium	9-1	42.03	41.85	41.36	41.75	0.83	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	38.33	39.21	37.28	38.27	2.52	ppb
Cadmium	106-1	37.63	36.98	36.06	36.89	2.14	ppb
Cadmium	111-1	42.09	43.10	42.19	42.46	1.32	ppb
Calcium	43-1	16847.98	16745.57	16589.28	16727.61	0.78	ppb
Calcium	44-1	15932.85	15622.78	15740.23	15765.29	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	229.53	198.53	211.02	213.02	7.32	ppb
Cobalt	59-2	458.51	401.17	423.93	427.87	6.75	ppb
Copper	63-2	374.48	323.57	342.51	346.85	7.42	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				97		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	101084.50	86964.40	93171.81	93740.24	7.55	ppb
Iron	57-2	100313.67	87747.36	91287.72	93116.25	6.96	ppb
Iron	54-2	99919.97	86805.12	92639.29	93121.46	7.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:23:02	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	125.93	128.87	130.56	128.46	1.83	ppb
Lead	207-1	128.66	132.02	133.37	131.35	1.84	ppb
Lead	208-1	127.27	129.41	131.25	129.31	1.54	ppb
Lithium	6-1				91		%
Magnesium	24-2	21130.93	18237.25	19262.69	19543.63	7.51	ppb
Manganese	55-2	3048.47	2635.57	2815.59	2833.21	7.31	ppb
Molybdenum	94-1	12.90	13.00	12.89	12.93	0.48	ppb
Molybdenum	95-1	1.03	1.08	0.96	1.02	5.48	ppb
Molybdenum	96-1	2.92	2.90	2.86	2.90	0.99	ppb
Molybdenum	97-1	1.05	1.14	1.05	1.08	4.89	ppb
Molybdenum	98-1	1.04	0.99	1.00	1.01	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.20	409.18	432.61	436.99	6.92	ppb
Phosphorus	31-2	41425.11	35960.01	38516.73	38633.95	7.08	ppb
Potassium	39-2	10971.71	9306.65	9985.30	10087.89	8.30	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	88.57	87.71	85.01	87.10	2.13	ppb
Selenium	77-2	104.13	95.86	102.24	100.74	4.30	ppb
Selenium	78-2	93.08	81.70	78.15	84.31	9.25	ppb
Silicon	28-1	491.05	484.09	484.44	486.52	0.81	ppb
Silver	107-1	39.43	40.56	39.86	39.95	1.43	ppb
Silver	109-1	39.47	40.32	39.48	39.76	1.23	ppb
Sodium	23-2	320.52	278.90	300.97	300.13	6.94	ppb
Strontium	86-1	63.99	64.97	64.63	64.53	0.77	ppb
Strontium	88-1	63.52	64.99	63.88	64.13	1.19	ppb
Sulfur	34-1	-1541.27	-1798.96	-1735.55	-1691.93		ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	34.32	35.28	35.81	35.14	2.16	ppb
Thallium	205-1	34.39	34.84	35.55	34.92	1.68	ppb
Tin	118-1	0.35	0.36	0.35	0.35	1.18	ppb
Titanium	47-1	1372.16	1364.15	1369.85	1368.72	0.30	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:23:02	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.83	0.85	0.83	1.70	ppb
Vanadium	51-2	573.28	499.16	528.68	533.71	6.99	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	961.21	834.78	883.44	893.14	7.14	ppb
Zirconium	90-1	6.07	6.10	6.02	6.06	0.68	ppb
Zirconium	91-1	6.16	6.12	6.24	6.17	0.94	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCV080	Instrumnet Name :	P7
Client Sample ID :	CCV080	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 16:26:17	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50118.54	50218.16	49730.39	50022.36	0.52	ppb
Antimony	121-1	515.20	520.06	526.11	520.46	1.05	ppb
Arsenic	75-2	513.03	510.58	513.44	512.35	0.30	ppb
Barium	135-1	2529.86	2656.28	2574.27	2586.80	2.48	ppb
Barium	137-1	2530.97	2622.12	2609.62	2587.57	1.91	ppb
Beryllium	9-1	513.91	522.80	522.29	519.67	0.96	ppb
Bismuth	209-1				88		%
Bismuth	209-2				77		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	483.40	489.94	501.39	491.58	1.85	ppb
Cadmium	106-1	484.70	495.84	498.89	493.15	1.51	ppb
Cadmium	111-1	491.46	495.91	494.64	494.00	0.46	ppb
Calcium	43-1	256672.71	266695.22	267969.39	263779.10	2.35	ppb
Calcium	44-1	257009.00	260857.64	257843.23	258569.96	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.70	513.76	512.33	513.26	0.16	ppb
Cobalt	59-2	497.40	499.66	500.72	499.26	0.34	ppb
Copper	63-2	5022.96	5020.34	5032.41	5025.24	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				77		%
Indium	115-2				74		%
Iron	56-2	130817.87	131199.57	130930.47	130982.64	0.15	ppb
Iron	57-2	129835.53	130902.44	131898.55	130878.84	0.79	ppb
Iron	54-2	130597.37	132977.74	130396.18	131323.76	1.09	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCV080	Instrumnet Name :	P7
Client Sample ID :	CCV080	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 16:26:17	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2612.45	2688.70	2677.30	2659.48	1.55	ppb
Lead	207-1	2612.08	2671.80	2645.88	2643.25	1.13	ppb
Lead	208-1	2593.10	2669.19	2639.02	2633.77	1.45	ppb
Lithium	6-1				88		%
Magnesium	24-2	247208.66	249517.12	248421.93	248382.57	0.46	ppb
Manganese	55-2	5164.16	5197.87	5096.80	5152.95	1.00	ppb
Molybdenum	94-1	5159.44	5278.16	5279.49	5239.03	1.32	ppb
Molybdenum	95-1	5148.80	5244.70	5247.08	5213.53	1.08	ppb
Molybdenum	96-1	5107.64	5227.03	5134.85	5156.51	1.21	ppb
Molybdenum	97-1	5103.85	5262.39	5207.01	5191.08	1.55	ppb
Molybdenum	98-1	5148.25	5218.73	5245.42	5204.13	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.84	509.05	513.70	510.53	0.54	ppb
Phosphorus	31-2	10392.98	10310.65	10914.61	10539.41	3.11	ppb
Potassium	39-2	126601.98	126414.11	126236.59	126417.56	0.14	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	82-1	481.75	488.05	486.45	485.42	0.67	ppb
Selenium	77-2	471.45	514.67	469.48	485.20	5.26	ppb
Selenium	78-2	488.99	483.58	511.84	494.80	3.03	ppb
Silicon	28-1	572.76	577.60	566.67	572.34	0.96	ppb
Silver	107-1	490.37	498.99	502.12	497.16	1.22	ppb
Silver	109-1	483.57	488.26	489.20	487.01	0.62	ppb
Sodium	23-2	253316.44	250374.77	251326.53	251672.58	0.60	ppb
Strontium	86-1	12890.98	13172.60	13044.78	13036.12	1.08	ppb
Strontium	88-1	12878.03	13032.81	12951.54	12954.13	0.60	ppb
Sulfur	34-1	9512.08	9914.13	9739.02	9721.74	2.07	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	525.34	538.44	546.08	536.62	1.95	ppb
Thallium	205-1	526.64	539.64	535.50	533.93	1.24	ppb
Tin	118-1	502.71	507.66	512.43	507.60	0.96	ppb
Titanium	47-1	5147.15	5237.28	5194.05	5192.83	0.87	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCV080	Instrumnet Name :	P7
Client Sample ID :	CCV080	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 16:26:17	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	530.78	533.72	541.24	535.25	1.01	ppb
Vanadium	51-2	521.50	521.75	519.33	520.86	0.26	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	4938.61	4992.25	4982.22	4971.03	0.57	ppb
Zirconium	90-1	520.59	524.47	525.76	523.61	0.51	ppb
Zirconium	91-1	512.45	523.93	520.86	519.08	1.15	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCB080	Instrumnet Name :	P7
Client Sample ID :	CCB080	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 16:29:39	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.29	1.46	4.49	2.41	74.57	ppb
Antimony	121-1	0.16	0.18	0.20	0.18	9.76	ppb
Arsenic	75-2	0.01	0.03	0.03	0.03	41.98	ppb
Barium	135-1	0.09	0.06	0.09	0.08	22.96	ppb
Barium	137-1	0.11	0.09	0.06	0.09	33.49	ppb
Beryllium	9-1	0.23	0.26	0.20	0.23	14.74	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.20	0.12	0.10	106.68	ppb
Cadmium	106-1	-0.62	-1.61	-1.41	-1.21		ppb
Cadmium	111-1	0.01	-0.11	-0.08	-0.06		ppb
Calcium	43-1	159.91	156.56	148.59	155.02	3.75	ppb
Calcium	44-1	163.84	160.55	156.05	160.15	2.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.04	0.02	102.75	ppb
Cobalt	59-2	0.02	0.04	0.06	0.04	47.28	ppb
Copper	63-2	0.34	0.22	0.47	0.34	36.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	6.13	6.04	9.82	7.33	29.39	ppb
Iron	57-2	9.37	7.08	8.92	8.46	14.34	ppb
Iron	54-2	5.69	7.21	9.90	7.60	28.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCB080	Instrumnet Name :	P7
Client Sample ID :	CCB080	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 16:29:39	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.16	0.11	0.11	0.13	22.15	ppb
Lead	207-1	0.14	0.12	0.10	0.12	13.39	ppb
Lead	208-1	0.14	0.12	0.12	0.13	10.18	ppb
Lithium	6-1				93		%
Magnesium	24-2	8.67	7.46	14.37	10.17	36.28	ppb
Manganese	55-2	0.20	0.12	0.29	0.20	44.32	ppb
Molybdenum	94-1	0.27	0.23	0.28	0.26	11.38	ppb
Molybdenum	95-1	0.20	0.18	0.24	0.21	13.74	ppb
Molybdenum	96-1	0.23	0.19	0.25	0.22	13.29	ppb
Molybdenum	97-1	0.22	0.24	0.23	0.23	3.81	ppb
Molybdenum	98-1	0.21	0.21	0.25	0.22	9.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.04	0.07	0.04	95.95	ppb
Phosphorus	31-2	-172.36	-202.33	-278.04	-217.58		ppb
Potassium	39-2	4.88	6.87	11.03	7.59	41.32	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.03	0.86	-0.19	0.23	237.28	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.18	-0.75	1.46	0.63	191.10	ppb
Silicon	28-1	0.75	0.61	0.54	0.63	17.48	ppb
Silver	107-1	0.05	0.04	0.04	0.04	13.95	ppb
Silver	109-1	0.07	0.04	0.04	0.05	26.13	ppb
Sodium	23-2	33.59	32.56	37.73	34.63	7.90	ppb
Strontium	86-1	0.44	0.36	0.40	0.40	10.07	ppb
Strontium	88-1	0.45	0.39	0.35	0.40	12.29	ppb
Sulfur	34-1	-484.96	-535.02	-609.75	-543.24		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.04	0.02	0.03	33.65	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	21.39	ppb
Tin	118-1	0.02	0.03	0.03	0.03	15.29	ppb
Titanium	47-1	0.18	0.18	0.21	0.19	7.12	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCB080	Instrumnet Name :	P7
Client Sample ID :	CCB080	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 16:29:39	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	17.82	ppb
Vanadium	51-2	0.03	0.02	0.05	0.03	52.33	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	0.15	0.01	0.12	0.09	82.80	ppb
Zirconium	90-1	0.04	0.05	0.05	0.04	10.80	ppb
Zirconium	91-1	0.04	0.05	0.07	0.05	20.88	ppb

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:52:29	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	100	123	104	16.38	cps
Antimony	121-1	57	47	47	50	11.55	cps
Arsenic	75-2	3	7	3	4	43.40	cps
Barium	135-1	20	33	50	34	43.64	cps
Barium	137-1	73	77	77	76	2.55	cps
Beryllium	9-1	113	67	90	90	25.92	cps
Bismuth	209-1	2568339	2604960	2612325	2595208	0.91	cps
Bismuth	209-2	2003502	1998269	2018321	2006697	0.52	cps
Bromine	81-1	7118	6872	7138	7043	2.11	cps
Bromine	81-2	50	50	47	49	3.93	cps
Cadmium	108-1	0	3	0	1	173.21	cps
Cadmium	106-1	1590	1417	1533	1513	5.84	cps
Cadmium	111-1	1113	993	1077	1061	5.82	cps
Calcium	43-1	183	190	187	187	1.78	cps
Calcium	44-1	2907	3024	2727	2886	5.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	177	193	177	182	5.28	cps
Cobalt	59-2	33	23	37	31	22.31	cps
Copper	63-2	367	370	333	357	5.68	cps
Dysprosium	156-1	107	97	110	104	6.64	cps
Dysprosium	156-2	20	23	40	28	38.58	cps
Erbium	164-1	10	23	13	16	44.60	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	20	13	7	13	49.99	cps
Gadolinium	160-2	87	87	157	110	36.74	cps
Holmium	165-1	3924290	4017603	4057884	3999926	1.71	cps
Holmium	165-2	2734587	2704639	2697872	2712366	0.72	cps
Indium	115-1	2916887	3027000	2981254	2975047	1.86	cps
Indium	115-2	934573	936092	933302	934655	0.15	cps
Iron	56-2	5644	5508	5681	5611	1.63	cps
Iron	57-2	567	533	650	583	10.30	cps
Iron	54-2	840	803	887	843	4.95	cps
Krypton	83-1	90	53	90	78	27.22	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:52:29	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	283	313	297	298	5.05	cps
Lead	207-1	257	233	243	244	4.79	cps
Lead	208-1	1207	1133	1150	1163	3.30	cps
Lithium	6-1	752315	768727	772326	764456	1.40	cps
Magnesium	24-2	1503	1500	1420	1475	3.20	cps
Manganese	55-2	167	173	227	189	17.41	cps
Molybdenum	94-1	83	110	53	82	34.48	cps
Molybdenum	95-1	27	33	20	27	24.99	cps
Molybdenum	96-1	23	60	43	42	43.49	cps
Molybdenum	97-1	10	10	27	16	61.87	cps
Molybdenum	98-1	47	57	57	53	10.82	cps
Neodymium	150-1	10	7	3	7	50.03	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	37	47	50	44	15.61	cps
Phosphorus	31-2	90	110	140	113	22.21	cps
Potassium	39-2	33056	32926	33156	33046	0.35	cps
Rhodium	103-1	2579519	2703649	2629592	2637587	2.37	cps
Rhodium	103-2	1433834	1439809	1448690	1440778	0.52	cps
Scandium	45-1	1555138	1571610	1579478	1568742	0.79	cps
Scandium	45-2	134756	135741	134043	134846	0.63	cps
Selenium	82-1	103	108	82	98	14.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	123	87	100	103	17.96	cps
Silicon	28-1	148464	148208	150678	149117	0.91	cps
Silver	107-1	27	37	43	36	23.58	cps
Silver	109-1	40	30	20	30	33.33	cps
Sodium	23-2	9493	9793	9099	9462	3.68	cps
Strontium	86-1	120	107	153	127	18.98	cps
Strontium	88-1	150	167	143	153	7.84	cps
Sulfur	34-1	129819	128512	129204	129178	0.51	cps
Terbium	159-1	3994825	4165734	4092240	4084267	2.10	cps
Terbium	159-2	2661771	2633850	2666372	2653997	0.66	cps
Thallium	203-1	80	63	73	72	11.62	cps
Thallium	205-1	123	160	137	140	13.25	cps
Tin	118-1	1030	1063	1067	1053	1.93	cps
Titanium	47-1	33	47	57	46	25.70	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:52:29	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27	13	33	24	41.66	cps
Vanadium	51-2	13	10	10	11	17.30	cps
Yttrium	89-1	4771628	4876776	4922242	4856882	1.59	cps
Yttrium	89-2	1205898	1201429	1198205	1201844	0.32	cps
Zinc	66-2	147	153	153	151	2.55	cps
Zirconium	90-1	150	140	170	153	9.96	cps
Zirconium	91-1	20	17	33	23	37.78	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:55:53	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18491	18331	18141	18321	0.96	cps
Antimony	121-1	9213	9050	9513	9259	2.54	cps
Arsenic	75-2	160	230	227	206	19.21	cps
Barium	135-1	11505	12509	12155	12056	4.22	cps
Barium	137-1	21009	20652	21206	20956	1.34	cps
Beryllium	9-1	1003	1073	1023	1033	3.49	cps
Bismuth	209-1	2651797	2637193	2643130	2644040	0.28	cps
Bismuth	209-2	1993557	2039839	1967692	2000363	1.83	cps
Bromine	81-1	7105	7055	7168	7110	0.80	cps
Bromine	81-2	10	43	43	32	59.72	cps
Cadmium	108-1	63	80	107	83	26.23	cps
Cadmium	106-1	1720	1753	1637	1703	3.53	cps
Cadmium	111-1	2303	2355	2264	2307	1.96	cps
Calcium	43-1	6478	6655	6628	6587	1.45	cps
Calcium	44-1	107316	107625	107534	107491	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3284	3570	3267	3374	5.06	cps
Cobalt	59-2	2450	2537	2667	2551	4.28	cps
Copper	63-2	3831	3600	3797	3743	3.32	cps
Dysprosium	156-1	100	107	77	94	16.68	cps
Dysprosium	156-2	17	13	27	19	36.75	cps
Erbium	164-1	20	13	7	13	49.99	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	13	7	23	14	58.06	cps
Gadolinium	160-2	130	110	110	117	9.90	cps
Holmium	165-1	4116350	4138291	4107104	4120582	0.39	cps
Holmium	165-2	2685367	2761390	2720118	2722292	1.40	cps
Indium	115-1	3024836	3073188	2999474	3032499	1.23	cps
Indium	115-2	934879	940082	941948	938970	0.39	cps
Iron	56-2	84382	83363	83741	83828	0.61	cps
Iron	57-2	2674	2554	2690	2639	2.83	cps
Iron	54-2	5168	5221	5264	5218	0.93	cps
Krypton	83-1	53	93	87	78	27.56	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:55:53	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3987	4074	4051	4037	1.11	cps
Lead	207-1	3310	3541	3427	3426	3.36	cps
Lead	208-1	15670	16164	15804	15879	1.61	cps
Lithium	6-1	767403	774166	767578	769716	0.50	cps
Magnesium	24-2	91433	92224	92767	92141	0.73	cps
Manganese	55-2	1733	1770	1707	1737	1.83	cps
Molybdenum	94-1	9260	9653	9490	9468	2.09	cps
Molybdenum	95-1	10731	10834	11064	10876	1.57	cps
Molybdenum	96-1	12108	12365	12662	12379	2.24	cps
Molybdenum	97-1	6818	6878	7052	6916	1.75	cps
Molybdenum	98-1	17938	17914	18205	18019	0.90	cps
Neodymium	150-1	0	3	0	1	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	697	623	683	668	5.85	cps
Phosphorus	31-2	290	290	293	291	0.66	cps
Potassium	39-2	138503	140269	138997	139256	0.65	cps
Rhodium	103-1	2699491	2657436	2703527	2686818	0.95	cps
Rhodium	103-2	1445783	1448726	1449472	1447994	0.13	cps
Scandium	45-1	1591402	1559926	1599367	1583565	1.32	cps
Scandium	45-2	132503	135980	134678	134387	1.31	cps
Selenium	82-1	450	444	405	433	5.70	cps
Selenium	77-2	27	17	20	21	24.12	cps
Selenium	78-2	220	147	223	197	22.03	cps
Silicon	28-1	167115	168281	170189	168529	0.92	cps
Silver	107-1	5314	5611	5584	5503	2.98	cps
Silver	109-1	5021	5001	4954	4992	0.69	cps
Sodium	23-2	151621	152472	152813	152302	0.40	cps
Strontium	86-1	1580	1667	1587	1611	2.99	cps
Strontium	88-1	13076	13116	12856	13016	1.08	cps
Sulfur	34-1	130676	130451	131221	130783	0.30	cps
Terbium	159-1	4180699	4186201	4116313	4161071	0.93	cps
Terbium	159-2	2689449	2679591	2676361	2681800	0.25	cps
Thallium	203-1	4497	4317	4507	4441	2.41	cps
Thallium	205-1	10864	10914	10941	10907	0.36	cps
Tin	118-1	20191	20224	19891	20102	0.91	cps
Titanium	47-1	2870	2734	2904	2836	3.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:55:53	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13737	14084	14071	13964	1.41	cps
Vanadium	51-2	7202	7309	7599	7370	2.79	cps
Yttrium	89-1	4943859	4981695	4969925	4965160	0.39	cps
Yttrium	89-2	1211630	1201973	1208579	1207394	0.41	cps
Zinc	66-2	1757	1783	1747	1762	1.08	cps
Zirconium	90-1	8766	8473	8239	8493	3.11	cps
Zirconium	91-1	1887	1717	1733	1779	5.27	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:59:19	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104106	103116	102835	103352	0.65	cps
Antimony	121-1	227765	227593	227810	227723	0.05	cps
Arsenic	75-2	9887	9953	9903	9914	0.35	cps
Barium	135-1	299722	300855	301753	300777	0.34	cps
Barium	137-1	512087	520536	516609	516411	0.82	cps
Beryllium	9-1	46345	45867	46760	46324	0.96	cps
Bismuth	209-1	2626329	2666747	2659108	2650728	0.81	cps
Bismuth	209-2	2039689	2055631	2016866	2037395	0.96	cps
Bromine	81-1	7088	6718	6772	6859	2.92	cps
Bromine	81-2	33	20	50	34	43.64	cps
Cadmium	108-1	4111	4211	4314	4212	2.41	cps
Cadmium	106-1	7659	8079	7462	7733	4.08	cps
Cadmium	111-1	59194	59930	58680	59268	1.06	cps
Calcium	43-1	69923	68195	68644	68921	1.30	cps
Calcium	44-1	1064600	1069945	1067405	1067317	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80389	79739	79056	79728	0.84	cps
Cobalt	59-2	121003	118826	118197	119342	1.23	cps
Copper	63-2	821587	820488	816968	819681	0.29	cps
Dysprosium	156-1	80	87	73	80	8.34	cps
Dysprosium	156-2	37	27	43	36	23.58	cps
Erbium	164-1	23	23	17	21	18.21	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	10	23	10	14	53.28	cps
Gadolinium	160-2	90	133	153	126	25.79	cps
Holmium	165-1	4101519	4108896	4110192	4106869	0.11	cps
Holmium	165-2	2807904	2808571	2775935	2797470	0.67	cps
Indium	115-1	2991870	3007639	3005312	3001607	0.28	cps
Indium	115-2	942206	949094	930491	940597	1.00	cps
Iron	56-2	3591361	3516531	3518877	3542256	1.20	cps
Iron	57-2	93113	93113	91301	92509	1.13	cps
Iron	54-2	205449	205741	203566	204919	0.58	cps
Krypton	83-1	83	73	70	76	9.18	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:59:19	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	891489	898655	898717	896287	0.46	cps
Lead	207-1	772106	783730	779643	778493	0.76	cps
Lead	208-1	3791816	3828673	3851409	3823966	0.79	cps
Lithium	6-1	772057	774049	775997	774034	0.25	cps
Magnesium	24-2	867213	855766	858781	860586	0.69	cps
Manganese	55-2	624591	619119	619597	621102	0.49	cps
Molybdenum	94-1	690686	691874	693952	692171	0.24	cps
Molybdenum	95-1	967555	977659	969632	971615	0.55	cps
Molybdenum	96-1	1065497	1067419	1058768	1063895	0.43	cps
Molybdenum	97-1	609097	612769	608331	610066	0.39	cps
Molybdenum	98-1	1579432	1584173	1571911	1578505	0.39	cps
Neodymium	150-1	40	27	27	31	24.74	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	29502	29743	29693	29646	0.43	cps
Phosphorus	31-2	543	560	650	584	9.82	cps
Potassium	39-2	548974	544622	541155	544917	0.72	cps
Rhodium	103-1	2662103	2641101	2684069	2662424	0.81	cps
Rhodium	103-2	1458082	1468085	1443999	1456722	0.83	cps
Scandium	45-1	1586929	1606055	1589858	1594281	0.65	cps
Scandium	45-2	135493	136087	135523	135701	0.25	cps
Selenium	82-1	3395	3385	3500	3427	1.85	cps
Selenium	77-2	283	353	297	311	11.95	cps
Selenium	78-2	1143	1083	1087	1104	3.05	cps
Silicon	28-1	3135406	3169403	3172109	3158973	0.65	cps
Silver	107-1	276141	280135	274630	276969	1.03	cps
Silver	109-1	260736	263528	263033	262432	0.57	cps
Sodium	23-2	1354414	1332626	1364946	1350662	1.22	cps
Strontium	86-1	1780978	1786175	1804410	1790521	0.69	cps
Strontium	88-1	15420117	15556951	15246965	15408011	1.01	cps
Sulfur	34-1	146168	143940	141565	143891	1.60	cps
Terbium	159-1	4192829	4220994	4103413	4172412	1.47	cps
Terbium	159-2	2746887	2730852	2703268	2727002	0.81	cps
Thallium	203-1	225170	224631	224117	224639	0.23	cps
Thallium	205-1	531605	535669	535736	534337	0.44	cps
Tin	118-1	1783738	1780781	1802534	1789018	0.66	cps
Titanium	47-1	242601	244196	245662	244153	0.63	cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 13:59:19	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	685674	701365	698887	695309	1.21	cps
Vanadium	51-2	71716	70745	72305	71589	1.10	cps
Yttrium	89-1	4855518	4935756	4944869	4912048	1.00	cps
Yttrium	89-2	1230737	1230999	1220241	1227326	0.50	cps
Zinc	66-2	139342	137361	137789	138164	0.75	cps
Zirconium	90-1	368408	372704	373057	371390	0.70	cps
Zirconium	91-1	82691	82433	81729	82284	0.61	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:02:34	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	252497	249544	248801	250281	0.78	cps
Antimony	121-1	562079	565757	568047	565294	0.53	cps
Arsenic	75-2	24063	24023	23956	24014	0.22	cps
Barium	135-1	741191	743865	748520	744525	0.50	cps
Barium	137-1	1276027	1282199	1295756	1284661	0.79	cps
Beryllium	9-1	111939	112818	112331	112363	0.39	cps
Bismuth	209-1	2670242	2638129	2659316	2655896	0.61	cps
Bismuth	209-2	2015716	2025680	2009748	2017048	0.40	cps
Bromine	81-1	6608	7025	6925	6853	3.18	cps
Bromine	81-2	17	30	30	26	30.11	cps
Cadmium	108-1	10087	10757	10974	10606	4.36	cps
Cadmium	106-1	16206	16520	16349	16358	0.96	cps
Cadmium	111-1	142506	143218	142406	142710	0.31	cps
Calcium	43-1	166926	167124	170734	168262	1.27	cps
Calcium	44-1	2454323	2431683	2434898	2440301	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	195162	194487	193028	194226	0.56	cps
Cobalt	59-2	289785	289078	290084	289649	0.18	cps
Copper	63-2	2047844	2032305	2031549	2037233	0.45	cps
Dysprosium	156-1	77	143	117	112	29.90	cps
Dysprosium	156-2	20	50	50	40	43.30	cps
Erbium	164-1	30	30	33	31	6.18	cps
Erbium	164-2	23	27	30	27	12.51	cps
Gadolinium	160-1	23	27	17	22	22.91	cps
Gadolinium	160-2	133	123	137	131	5.29	cps
Holmium	165-1	4206670	4058665	4161472	4142269	1.83	cps
Holmium	165-2	2738629	2739372	2707213	2728405	0.67	cps
Indium	115-1	2956029	2924343	2925744	2935372	0.61	cps
Indium	115-2	896403	888160	890904	891822	0.47	cps
Iron	56-2	8535472	8584050	8544151	8554557	0.30	cps
Iron	57-2	224844	225949	225628	225473	0.25	cps
Iron	54-2	501015	495800	495942	497586	0.60	cps
Krypton	83-1	127	73	70	90	35.33	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:02:34	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2537634	2522483	2538640	2532919	0.36	cps
Lead	207-1	2198500	2235992	2222850	2219114	0.86	cps
Lead	208-1	10019610	10120828	10051337	10063925	0.51	cps
Lithium	6-1	773592	766737	777897	772742	0.73	cps
Magnesium	24-2	2019800	1998159	2023912	2013957	0.69	cps
Manganese	55-2	1476830	1480818	1485027	1480892	0.28	cps
Molybdenum	94-1	1680973	1741339	1707876	1710063	1.77	cps
Molybdenum	95-1	2445093	2438766	2446896	2443585	0.17	cps
Molybdenum	96-1	2671283	2650833	2660861	2660992	0.38	cps
Molybdenum	97-1	1512326	1523598	1511445	1515789	0.45	cps
Molybdenum	98-1	3862220	3920791	3930931	3904647	0.95	cps
Neodymium	150-1	63	80	77	73	12.03	cps
Neodymium	150-2	27	7	20	18	57.27	cps
Nickel	60-2	71714	72775	71844	72111	0.80	cps
Phosphorus	31-2	1340	1357	1217	1305	5.86	cps
Potassium	39-2	1204330	1198847	1199048	1200742	0.26	cps
Rhodium	103-1	2638698	2556236	2635715	2610216	1.79	cps
Rhodium	103-2	1417514	1412716	1413594	1414608	0.18	cps
Scandium	45-1	1583511	1569228	1585041	1579260	0.55	cps
Scandium	45-2	131760	131272	131434	131489	0.19	cps
Selenium	82-1	8213	8230	8292	8245	0.50	cps
Selenium	77-2	640	723	743	702	7.80	cps
Selenium	78-2	2587	2707	2540	2611	3.29	cps
Silicon	28-1	7180148	7230970	7224371	7211830	0.38	cps
Silver	107-1	674317	683633	683941	680630	0.80	cps
Silver	109-1	639234	646653	647700	644529	0.72	cps
Sodium	23-2	3249679	3234478	3249118	3244425	0.27	cps
Strontium	86-1	4408805	4417243	4397801	4407950	0.22	cps
Strontium	88-1	37786628	38937190	38824511	38516110	1.65	cps
Sulfur	34-1	165333	164929	163467	164576	0.60	cps
Terbium	159-1	4145717	4189768	4254023	4196503	1.30	cps
Terbium	159-2	2683759	2661076	2672023	2672286	0.42	cps
Thallium	203-1	559961	563417	569679	564352	0.87	cps
Thallium	205-1	1334704	1343783	1354386	1344291	0.73	cps
Tin	118-1	4406503	4431300	4489331	4442378	0.96	cps
Titanium	47-1	594779	598455	599320	597518	0.40	cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:02:34	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2018759	2033633	2019308	2023900	0.42	cps
Vanadium	51-2	175841	174728	173895	174822	0.56	cps
Yttrium	89-1	4904506	4957813	4990482	4950934	0.88	cps
Yttrium	89-2	1197601	1193429	1190488	1193839	0.30	cps
Zinc	66-2	333711	335152	333993	334286	0.23	cps
Zirconium	90-1	913841	919505	920076	917807	0.38	cps
Zirconium	91-1	205643	205779	205518	205647	0.06	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:05:46	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	493465	493357	490296	492372	0.37	cps
Antimony	121-1	1107399	1118746	1113496	1113214	0.51	cps
Arsenic	75-2	47529	47108	47472	47370	0.48	cps
Barium	135-1	1469702	1480585	1480607	1476964	0.43	cps
Barium	137-1	2664052	2712252	2696628	2690977	0.91	cps
Beryllium	9-1	217526	219098	218591	218405	0.37	cps
Bismuth	209-1	2646789	2712204	2654496	2671163	1.34	cps
Bismuth	209-2	1988045	2007850	1994951	1996949	0.50	cps
Bromine	81-1	6935	6988	6795	6906	1.45	cps
Bromine	81-2	23	40	30	31	26.97	cps
Cadmium	108-1	20211	20808	20645	20555	1.50	cps
Cadmium	106-1	30492	31180	31073	30915	1.20	cps
Cadmium	111-1	278869	277985	282454	279769	0.85	cps
Calcium	43-1	326083	328584	328603	327757	0.44	cps
Calcium	44-1	4760233	4840875	4769364	4790157	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	382598	381471	380583	381551	0.26	cps
Cobalt	59-2	570091	565582	565841	567171	0.45	cps
Copper	63-2	4002415	3957322	3981262	3980333	0.57	cps
Dysprosium	156-1	113	87	107	102	13.57	cps
Dysprosium	156-2	77	90	80	82	8.44	cps
Erbium	164-1	60	27	70	52	43.44	cps
Erbium	164-2	30	30	30	30	0.00	cps
Gadolinium	160-1	20	33	30	28	24.98	cps
Gadolinium	160-2	147	110	160	139	18.64	cps
Holmium	165-1	4111832	4171328	4120715	4134625	0.78	cps
Holmium	165-2	2747893	2773533	2701894	2741107	1.32	cps
Indium	115-1	2829048	2796267	2830438	2818584	0.69	cps
Indium	115-2	852401	848797	842855	848018	0.57	cps
Iron	56-2	16874882	17024405	16808456	16902581	0.65	cps
Iron	57-2	441177	442999	439055	441077	0.45	cps
Iron	54-2	978465	972217	975371	975351	0.32	cps
Krypton	83-1	93	87	93	91	4.22	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:05:46	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5013945	5009851	5008493	5010763	0.06	cps
Lead	207-1	4476824	4443432	4408907	4443055	0.76	cps
Lead	208-1	20082369	20219682	20102645	20134899	0.37	cps
Lithium	6-1	763252	762905	758581	761579	0.34	cps
Magnesium	24-2	3980455	3916809	3936250	3944505	0.83	cps
Manganese	55-2	2963459	2932938	2938076	2944824	0.55	cps
Molybdenum	94-1	3389564	3403325	3440397	3411096	0.77	cps
Molybdenum	95-1	4739168	4783143	4813153	4778488	0.78	cps
Molybdenum	96-1	5225138	5256846	5275457	5252480	0.48	cps
Molybdenum	97-1	3052977	3011881	3008533	3024464	0.82	cps
Molybdenum	98-1	7688910	7764243	7701514	7718222	0.52	cps
Neodymium	150-1	160	167	143	157	7.67	cps
Neodymium	150-2	47	33	40	40	16.68	cps
Nickel	60-2	139784	139545	139572	139634	0.09	cps
Phosphorus	31-2	2177	2537	2394	2369	7.65	cps
Potassium	39-2	2349342	2355739	2370883	2358655	0.47	cps
Rhodium	103-1	2618767	2595572	2549517	2587952	1.36	cps
Rhodium	103-2	1397665	1403959	1392550	1398058	0.41	cps
Scandium	45-1	1577342	1559823	1538716	1558627	1.24	cps
Scandium	45-2	131222	131746	128932	130633	1.15	cps
Selenium	82-1	15862	16065	16043	15990	0.70	cps
Selenium	77-2	1520	1537	1537	1531	0.63	cps
Selenium	78-2	5258	4974	5251	5161	3.13	cps
Silicon	28-1	13256474	13066400	13112729	13145201	0.75	cps
Silver	107-1	1319005	1330854	1333011	1327623	0.57	cps
Silver	109-1	1249665	1255613	1262564	1255947	0.51	cps
Sodium	23-2	6400042	6393718	6390726	6394829	0.07	cps
Strontium	86-1	8573820	8678143	8675795	8642586	0.69	cps
Strontium	88-1	75600111	75686164	75236124	75507466	0.32	cps
Sulfur	34-1	202864	202236	204401	203167	0.55	cps
Terbium	159-1	4312307	4218178	4149661	4226715	1.93	cps
Terbium	159-2	2675159	2701879	2666334	2681124	0.69	cps
Thallium	203-1	1113448	1129192	1120092	1120911	0.71	cps
Thallium	205-1	2992709	2998116	3073637	3021487	1.50	cps
Tin	118-1	8787698	8850567	8707646	8781970	0.82	cps
Titanium	47-1	1165549	1169234	1172821	1169202	0.31	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:05:46	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4092495	4146606	4086019	4108373	0.81	cps
Vanadium	51-2	344840	343360	341837	343346	0.44	cps
Yttrium	89-1	4893551	4904473	4792755	4863593	1.27	cps
Yttrium	89-2	1189779	1194310	1190910	1191666	0.20	cps
Zinc	66-2	657890	659574	651038	656167	0.69	cps
Zirconium	90-1	1808935	1839830	1827351	1825372	0.85	cps
Zirconium	91-1	403330	405863	406361	405185	0.40	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:08:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	980508	973487	970093	974696	0.55	cps
Antimony	121-1	2340684	2347022	2312576	2333427	0.79	cps
Arsenic	75-2	95135	95397	93961	94831	0.81	cps
Barium	135-1	3133466	3211791	3181684	3175647	1.24	cps
Barium	137-1	5439244	5386843	5417982	5414690	0.49	cps
Beryllium	9-1	429586	433257	431965	431602	0.43	cps
Bismuth	209-1	2620363	2621459	2578461	2606761	0.94	cps
Bismuth	209-2	1956830	1928813	1948782	1944808	0.74	cps
Bromine	81-1	6545	6862	6852	6753	2.67	cps
Bromine	81-2	37	33	23	31	22.31	cps
Cadmium	108-1	41228	41449	40941	41206	0.62	cps
Cadmium	106-1	59628	60137	60796	60187	0.97	cps
Cadmium	111-1	551201	550625	554897	552241	0.42	cps
Calcium	43-1	651405	656598	656049	654684	0.44	cps
Calcium	44-1	9538944	9537918	9576186	9551016	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	762154	755637	752730	756840	0.64	cps
Cobalt	59-2	1129084	1120462	1114430	1121325	0.66	cps
Copper	63-2	7761033	7704091	7732457	7732527	0.37	cps
Dysprosium	156-1	150	137	170	152	11.02	cps
Dysprosium	156-2	197	170	197	188	8.20	cps
Erbium	164-1	70	47	77	64	24.44	cps
Erbium	164-2	53	53	60	56	6.93	cps
Gadolinium	160-1	70	60	77	69	12.18	cps
Gadolinium	160-2	157	177	180	171	7.37	cps
Holmium	165-1	4123403	4115473	4167934	4135603	0.68	cps
Holmium	165-2	2751706	2718384	2749418	2739836	0.68	cps
Indium	115-1	2580602	2522262	2608696	2570520	1.72	cps
Indium	115-2	761096	760334	765263	762231	0.35	cps
Iron	56-2	33935935	33609353	33489779	33678356	0.69	cps
Iron	57-2	880207	868002	876259	874823	0.71	cps
Iron	54-2	1886718	1847344	1862102	1865388	1.07	cps
Krypton	83-1	70	80	73	74	6.84	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:08:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10077146	10207890	10098829	10127955	0.69	cps
Lead	207-1	8876602	8885543	8813554	8858566	0.44	cps
Lead	208-1	40048608	40820958	40189645	40353071	1.02	cps
Lithium	6-1	749412	749718	747750	748960	0.14	cps
Magnesium	24-2	7969656	7804729	7854868	7876418	1.07	cps
Manganese	55-2	5863245	5783894	5803736	5816958	0.71	cps
Molybdenum	94-1	6782148	6783977	6794016	6786714	0.09	cps
Molybdenum	95-1	9491055	9470470	9562008	9507844	0.51	cps
Molybdenum	96-1	10569016	10427020	10414202	10470079	0.82	cps
Molybdenum	97-1	5941603	6027816	6051777	6007065	0.96	cps
Molybdenum	98-1	15455027	15726763	15625693	15602494	0.88	cps
Neodymium	150-1	370	273	313	319	15.23	cps
Neodymium	150-2	67	93	90	83	17.43	cps
Nickel	60-2	275743	275552	274846	275380	0.17	cps
Phosphorus	31-2	4774	4717	4791	4761	0.81	cps
Potassium	39-2	4658759	4642496	4636624	4645960	0.25	cps
Rhodium	103-1	2526094	2503847	2551569	2527170	0.94	cps
Rhodium	103-2	1355877	1363969	1372740	1364196	0.62	cps
Scandium	45-1	1517709	1524180	1538351	1526747	0.69	cps
Scandium	45-2	127749	128329	128869	128315	0.44	cps
Selenium	82-1	31569	31544	31755	31622	0.36	cps
Selenium	77-2	2870	3090	2944	2968	3.78	cps
Selenium	78-2	9667	9867	9773	9769	1.03	cps
Silicon	28-1	23011938	22825170	22577141	22804750	0.96	cps
Silver	107-1	2690087	2659593	2682827	2677503	0.59	cps
Silver	109-1	2620686	2564728	2549981	2578465	1.45	cps
Sodium	23-2	12839108	12663711	12725299	12742706	0.70	cps
Strontium	86-1	17353888	17434224	17181492	17323201	0.75	cps
Strontium	88-1	151472178	152900434	150579748	151650787	0.77	cps
Sulfur	34-1	285098	289260	287162	287173	0.72	cps
Terbium	159-1	4134508	4221577	4180680	4178921	1.04	cps
Terbium	159-2	2657697	2686895	2666428	2670340	0.56	cps
Thallium	203-1	2533659	2566073	2528590	2542774	0.80	cps
Thallium	205-1	6017962	6141408	6057986	6072452	1.04	cps
Tin	118-1	17575031	17569406	17413959	17519465	0.52	cps
Titanium	47-1	2286049	2278724	2295088	2286621	0.36	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:08:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8253554	8296173	8166672	8238800	0.80	cps
Vanadium	51-2	684533	683402	682649	683528	0.14	cps
Yttrium	89-1	4809074	4799015	4794777	4800955	0.15	cps
Yttrium	89-2	1178782	1173922	1176491	1176398	0.21	cps
Zinc	66-2	1298029	1290986	1287045	1292020	0.43	cps
Zirconium	90-1	3600772	3622452	3660267	3627830	0.83	cps
Zirconium	91-1	809396	809910	815189	811498	0.40	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:11:40	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1844000	1848194	1811705	1834633	1.09	cps
Antimony	121-1	4506693	4599321	4604404	4570139	1.20	cps
Arsenic	75-2	184143	183893	184679	184238	0.22	cps
Barium	135-1	6122148	6147519	6176908	6148858	0.45	cps
Barium	137-1	10498638	10558317	10722594	10593183	1.09	cps
Beryllium	9-1	817405	820788	823344	820512	0.36	cps
Bismuth	209-1	2572023	2613773	2636382	2607393	1.25	cps
Bismuth	209-2	1919139	1918822	1923098	1920353	0.12	cps
Bromine	81-1	6835	6858	6738	6811	0.93	cps
Bromine	81-2	13	40	33	29	48.05	cps
Cadmium	108-1	79999	80810	80300	80370	0.51	cps
Cadmium	106-1	115895	115857	116217	115990	0.17	cps
Cadmium	111-1	1063143	1075684	1070319	1069715	0.59	cps
Calcium	43-1	1219899	1214185	1230905	1221663	0.70	cps
Calcium	44-1	18452009	18420548	18674053	18515537	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1442190	1468521	1445424	1452045	0.99	cps
Cobalt	59-2	2199920	2162106	2193731	2185253	0.93	cps
Copper	63-2	14805852	14750757	14602496	14719702	0.71	cps
Dysprosium	156-1	263	247	220	243	8.98	cps
Dysprosium	156-2	280	370	270	307	17.96	cps
Erbium	164-1	117	110	97	108	9.45	cps
Erbium	164-2	83	63	120	89	32.33	cps
Gadolinium	160-1	130	127	130	129	1.49	cps
Gadolinium	160-2	180	157	197	178	11.30	cps
Holmium	165-1	4160481	4138272	4106494	4135082	0.66	cps
Holmium	165-2	2752240	2740020	2683003	2725088	1.36	cps
Indium	115-1	2208890	2160199	2234683	2201257	1.72	cps
Indium	115-2	621966	613300	608971	614745	1.08	cps
Iron	56-2	64740157	64714632	64793584	64749458	0.06	cps
Iron	57-2	1622942	1592127	1630133	1615067	1.25	cps
Iron	54-2	3604659	3550577	3596064	3583767	0.81	cps
Krypton	83-1	83	107	80	90	16.15	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:11:40	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19779731	19848456	19911645	19846611	0.33	cps
Lead	207-1	17282127	17574994	17469257	17442126	0.85	cps
Lead	208-1	78575128	79730128	80275856	79527038	1.09	cps
Lithium	6-1	734238	729930	729706	731291	0.35	cps
Magnesium	24-2	15246733	15285382	15118386	15216834	0.57	cps
Manganese	55-2	11381120	11271574	11387218	11346637	0.57	cps
Molybdenum	94-1	13361667	13514051	13182332	13352684	1.24	cps
Molybdenum	95-1	18951298	18878953	18643526	18824592	0.85	cps
Molybdenum	96-1	20840253	20666679	20819820	20775584	0.46	cps
Molybdenum	97-1	11783094	11775101	11902803	11820333	0.61	cps
Molybdenum	98-1	30414110	30465335	30780290	30553245	0.65	cps
Neodymium	150-1	580	600	523	568	7.00	cps
Neodymium	150-2	133	133	133	133	0.00	cps
Nickel	60-2	523037	520067	519357	520821	0.37	cps
Phosphorus	31-2	8969	8853	8909	8910	0.66	cps
Potassium	39-2	8879933	8884454	8899935	8888107	0.12	cps
Rhodium	103-1	2481635	2459616	2483074	2474775	0.53	cps
Rhodium	103-2	1340422	1321026	1332912	1331453	0.73	cps
Scandium	45-1	1510226	1520040	1522425	1517564	0.43	cps
Scandium	45-2	130603	126896	126660	128053	1.73	cps
Selenium	82-1	60672	61605	61386	61221	0.80	cps
Selenium	77-2	5678	5521	5831	5677	2.73	cps
Selenium	78-2	18492	19162	18956	18870	1.82	cps
Silicon	28-1	37211348	38049100	38862367	38040938	2.17	cps
Silver	107-1	5128101	5180741	5213096	5173979	0.83	cps
Silver	109-1	4947521	5006953	5040438	4998304	0.94	cps
Sodium	23-2	24793710	24491993	24631962	24639222	0.61	cps
Strontium	86-1	33346315	33955403	34161144	33820954	1.25	cps
Strontium	88-1	292173089	298679336	300779036	297210487	1.51	cps
Sulfur	34-1	440797	447738	446939	445158	0.85	cps
Terbium	159-1	4232899	4224243	4182164	4213102	0.64	cps
Terbium	159-2	2665677	2693899	2668005	2675860	0.59	cps
Thallium	203-1	4993376	4990961	5085081	5023139	1.07	cps
Thallium	205-1	11850618	11928424	12076555	11951866	0.96	cps
Tin	118-1	33980252	34317952	34731237	34343147	1.10	cps
Titanium	47-1	4397563	4428378	4454518	4426820	0.64	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:11:40	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16228473	16470493	16666770	16455245	1.33	cps
Vanadium	51-2	1310343	1306623	1315208	1310725	0.33	cps
Yttrium	89-1	4804737	4834586	4883052	4840792	0.82	cps
Yttrium	89-2	1174602	1162586	1157396	1164861	0.76	cps
Zinc	66-2	2515259	2465540	2517904	2499568	1.18	cps
Zirconium	90-1	7169064	7201768	7159229	7176687	0.31	cps
Zirconium	91-1	1586912	1564606	1594813	1582110	0.99	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:14:26	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9018670	9081885	9071277	9057277	0.37	cps
Antimony	121-1	1793	1953	1973	1907	5.17	cps
Arsenic	75-2	133	117	120	123	7.15	cps
Barium	135-1	2204	2060	2017	2094	4.67	cps
Barium	137-1	3954	3737	3634	3775	4.33	cps
Beryllium	9-1	553	437	433	474	14.40	cps
Bismuth	209-1	2318049	2278975	2211583	2269535	2.37	cps
Bismuth	209-2	1482778	1490967	1485304	1486350	0.28	cps
Bromine	81-1	6528	6892	6425	6615	3.71	cps
Bromine	81-2	43	43	67	51	26.37	cps
Cadmium	108-1	37	20	50	36	42.27	cps
Cadmium	106-1	1510	1543	1383	1479	5.71	cps
Cadmium	111-1	1138	1213	1093	1148	5.27	cps
Calcium	43-1	5199688	5218248	5290935	5236291	0.92	cps
Calcium	44-1	83561012	83999444	84967444	84175967	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4181	4177	5573	4644	17.34	cps
Cobalt	59-2	5381	5511	5484	5459	1.26	cps
Copper	63-2	3014	2880	2857	2917	2.90	cps
Dysprosium	156-1	223	200	220	214	5.89	cps
Dysprosium	156-2	163	107	177	149	24.96	cps
Erbium	164-1	143	197	170	170	15.68	cps
Erbium	164-2	93	120	127	113	15.57	cps
Gadolinium	160-1	140	113	157	137	16.00	cps
Gadolinium	160-2	197	230	190	206	10.43	cps
Holmium	165-1	3922555	3837325	3950921	3903600	1.51	cps
Holmium	165-2	2561629	2587211	2557263	2568701	0.63	cps
Indium	115-1	2723530	2598296	2654084	2658637	2.36	cps
Indium	115-2	812764	814501	816095	814453	0.20	cps
Iron	56-2	303748122	302905755	301376329	302676735	0.40	cps
Iron	57-2	7531938	7532950	7489494	7518127	0.33	cps
Iron	54-2	16448326	16403843	16613797	16488655	0.67	cps
Krypton	83-1	83	117	123	108	19.89	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:14:26	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3594	2817	2594	3002	17.50	cps
Lead	207-1	3595	2424	2360	2793	24.90	cps
Lead	208-1	20636	11449	10715	14267	38.75	cps
Lithium	6-1	692780	700178	706050	699669	0.95	cps
Magnesium	24-2	72654276	73054799	73174736	72961270	0.37	cps
Manganese	55-2	4587	5098	5008	4898	5.56	cps
Molybdenum	94-1	2987	2917	2787	2897	3.50	cps
Molybdenum	95-1	2720	2860	2830	2804	2.63	cps
Molybdenum	96-1	6181	6091	5911	6061	2.27	cps
Molybdenum	97-1	1623	1603	1447	1558	6.21	cps
Molybdenum	98-1	4004	3664	3761	3809	4.60	cps
Neodymium	150-1	103	87	87	92	10.43	cps
Neodymium	150-2	30	33	53	39	32.45	cps
Nickel	60-2	1873	1820	1867	1853	1.57	cps
Phosphorus	31-2	163	120	160	148	16.32	cps
Potassium	39-2	43882003	44085914	44055763	44007893	0.25	cps
Rhodium	103-1	2136999	2149736	2183587	2156774	1.12	cps
Rhodium	103-2	1165541	1169017	1160599	1165052	0.36	cps
Scandium	45-1	1431584	1448136	1464521	1448080	1.14	cps
Scandium	45-2	125568	123961	123125	124218	1.00	cps
Selenium	82-1	187	138	115	147	25.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	90	90	77	86	9.00	cps
Silicon	28-1	566826	484450	423941	491739	14.59	cps
Silver	107-1	627	520	510	552	11.71	cps
Silver	109-1	590	470	540	533	11.30	cps
Sodium	23-2	121377065	120757438	121896152	121343552	0.47	cps
Strontium	86-1	5134	4411	4631	4725	7.85	cps
Strontium	88-1	42185	40352	38256	40264	4.88	cps
Sulfur	34-1	111238	111473	116835	113182	2.80	cps
Terbium	159-1	3927547	3888228	3849942	3888573	1.00	cps
Terbium	159-2	2498261	2464575	2456475	2473104	0.90	cps
Thallium	203-1	520	353	303	392	28.93	cps
Thallium	205-1	1070	877	860	936	12.48	cps
Tin	118-1	4114	4091	4337	4181	3.26	cps
Titanium	47-1	603	533	597	578	6.69	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:14:26	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2350	553	470	1125	94.47	cps
Vanadium	51-2	267	217	263	249	11.23	cps
Yttrium	89-1	4450169	4501814	4418641	4456874	0.94	cps
Yttrium	89-2	1096261	1093448	1099498	1096402	0.28	cps
Zinc	66-2	737	740	807	761	5.19	cps
Zirconium	90-1	3607	3374	3407	3463	3.65	cps
Zirconium	91-1	807	877	730	804	9.12	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICV022	Instrumnet Name :	P7
Client Sample ID :	ICV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:28:07	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49824	50874	50235	50311	1.05	cps
Antimony	121-1	909960	919286	920232	916493	0.62	cps
Arsenic	75-2	41160	40776	40652	40863	0.65	cps
Barium	135-1	119798	121338	121311	120816	0.73	cps
Barium	137-1	211188	209368	211140	210565	0.49	cps
Beryllium	9-1	92882	93012	93113	93002	0.12	cps
Bismuth	209-1	2644658	2667929	2644185	2652257	0.51	cps
Bismuth	209-2	2053450	2075146	2048472	2059022	0.69	cps
Bromine	81-1	7232	7072	6852	7052	2.71	cps
Bromine	81-2	47	30	20	32	41.81	cps
Cadmium	108-1	7279	7429	7642	7450	2.45	cps
Cadmium	106-1	12048	11888	12312	12083	1.77	cps
Cadmium	111-1	117618	118403	118620	118214	0.45	cps
Calcium	43-1	25061	25218	25174	25151	0.32	cps
Calcium	44-1	406108	407587	409570	407755	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	164044	165716	163108	164289	0.80	cps
Cobalt	59-2	244340	246498	245486	245442	0.44	cps
Copper	63-2	162329	164497	162174	163000	0.80	cps
Dysprosium	156-1	43	43	37	41	9.35	cps
Dysprosium	156-2	10	17	17	14	26.66	cps
Erbium	164-1	13	23	13	17	34.65	cps
Erbium	164-2	7	20	7	11	69.25	cps
Gadolinium	160-1	0	13	20	11	91.66	cps
Gadolinium	160-2	117	100	143	120	18.22	cps
Holmium	165-1	4112556	4134288	4129122	4125322	0.28	cps
Holmium	165-2	2785524	2770845	2751020	2769130	0.63	cps
Indium	115-1	3074690	3074451	3085923	3078355	0.21	cps
Indium	115-2	954848	953765	956437	955017	0.14	cps
Iron	56-2	2901622	2928687	2900242	2910184	0.55	cps
Iron	57-2	76001	75669	74922	75530	0.73	cps
Iron	54-2	171093	171140	169883	170705	0.42	cps
Krypton	83-1	103	83	73	87	17.63	cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICV022	Instrumnet Name :	P7
Client Sample ID :	ICV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:28:07	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	745899	756585	753874	752120	0.74	cps
Lead	207-1	620329	632591	629894	627605	1.03	cps
Lead	208-1	2912921	2937923	2938695	2929847	0.50	cps
Lithium	6-1	776621	775607	775613	775947	0.08	cps
Magnesium	24-2	200870	203994	202413	202425	0.77	cps
Manganese	55-2	129091	128243	128960	128765	0.35	cps
Molybdenum	94-1	190	213	153	186	16.30	cps
Molybdenum	95-1	110	120	137	122	11.02	cps
Molybdenum	96-1	203	233	233	223	7.76	cps
Molybdenum	97-1	57	63	83	68	20.47	cps
Molybdenum	98-1	183	190	217	197	8.97	cps
Neodymium	150-1	17	10	10	12	31.50	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	61776	61411	61191	61460	0.48	cps
Phosphorus	31-2	127	123	107	119	9.01	cps
Potassium	39-2	441173	451129	444154	445485	1.15	cps
Rhodium	103-1	2690947	2677876	2680999	2683274	0.25	cps
Rhodium	103-2	1462046	1465235	1468952	1465411	0.24	cps
Scandium	45-1	1637132	1598419	1619172	1618241	1.20	cps
Scandium	45-2	136421	136457	135943	136274	0.21	cps
Selenium	82-1	13584	13859	13868	13770	1.17	cps
Selenium	77-2	1200	1307	1280	1262	4.40	cps
Selenium	78-2	4514	4424	4354	4431	1.81	cps
Silicon	28-1	161904	163672	163221	162932	0.56	cps
Silver	107-1	268844	273170	272777	271597	0.88	cps
Silver	109-1	255754	259470	259280	258168	0.81	cps
Sodium	23-2	571481	576716	573213	573803	0.46	cps
Strontium	86-1	527	530	507	521	2.42	cps
Strontium	88-1	3647	3744	3667	3686	1.38	cps
Sulfur	34-1	124233	123850	123481	123855	0.30	cps
Terbium	159-1	4224900	4212751	4227754	4221802	0.19	cps
Terbium	159-2	2729500	2716300	2700696	2715498	0.53	cps
Thallium	203-1	902998	908826	914181	908668	0.62	cps
Thallium	205-1	2475530	2468206	2436008	2459915	0.85	cps
Tin	118-1	1267	1327	1350	1315	3.27	cps
Titanium	47-1	67	117	143	109	35.74	cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICV022	Instrumnet Name :	P7
Client Sample ID :	ICV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:28:07	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	47	47	41	23.41	cps
Vanadium	51-2	142670	144652	142922	143415	0.75	cps
Yttrium	89-1	4981940	4943679	4978191	4967937	0.42	cps
Yttrium	89-2	1227290	1236999	1232549	1232279	0.39	cps
Zinc	66-2	55817	55770	55559	55716	0.25	cps
Zirconium	90-1	223	230	240	231	3.63	cps
Zirconium	91-1	167	147	160	158	6.45	cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICB022	Instrumnet Name :	P7
Client Sample ID :	ICB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:32:57	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683	677	710	690	2.56	cps
Antimony	121-1	257	277	453	329	32.91	cps
Arsenic	75-2	10	7	7	8	24.71	cps
Barium	135-1	23	43	30	32	31.61	cps
Barium	137-1	73	70	63	69	7.39	cps
Beryllium	9-1	173	170	150	164	7.68	cps
Bismuth	209-1	2632843	2638092	2590678	2620537	0.99	cps
Bismuth	209-2	1985873	2064714	1985467	2012018	2.27	cps
Bromine	81-1	7472	6988	7235	7232	3.34	cps
Bromine	81-2	43	47	50	47	7.15	cps
Cadmium	108-1	13	7	7	9	43.25	cps
Cadmium	106-1	1450	1370	1350	1390	3.81	cps
Cadmium	111-1	1012	968	954	978	3.13	cps
Calcium	43-1	167	173	137	159	12.29	cps
Calcium	44-1	2707	2874	2877	2819	3.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197	167	220	194	13.75	cps
Cobalt	59-2	57	30	50	46	30.47	cps
Copper	63-2	440	453	417	437	4.25	cps
Dysprosium	156-1	30	43	27	33	26.45	cps
Dysprosium	156-2	0	23	7	10	120.16	cps
Erbium	164-1	20	10	7	12	56.76	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	13	10	10	11	17.30	cps
Gadolinium	160-2	97	143	73	104	34.13	cps
Holmium	165-1	4047380	4085963	4075479	4069607	0.49	cps
Holmium	165-2	2755690	2758855	2730489	2748344	0.57	cps
Indium	115-1	3020289	2998247	3050983	3023173	0.88	cps
Indium	115-2	940549	944693	936759	940667	0.42	cps
Iron	56-2	6281	6625	6635	6514	3.09	cps
Iron	57-2	553	577	613	581	5.20	cps
Iron	54-2	1013	883	947	948	6.86	cps
Krypton	83-1	107	100	87	98	10.41	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICB022	Instrumnet Name :	P7
Client Sample ID :	ICB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:32:57	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	340	427	397	388	11.35	cps
Lead	207-1	327	330	337	331	1.54	cps
Lead	208-1	1560	1580	1523	1554	1.85	cps
Lithium	6-1	758419	764963	763073	762152	0.44	cps
Magnesium	24-2	1457	1557	1480	1498	3.49	cps
Manganese	55-2	150	167	210	176	17.64	cps
Molybdenum	94-1	127	120	80	109	23.18	cps
Molybdenum	95-1	50	67	70	62	17.22	cps
Molybdenum	96-1	80	57	63	67	18.03	cps
Molybdenum	97-1	57	40	50	49	17.16	cps
Molybdenum	98-1	73	80	70	74	6.84	cps
Neodymium	150-1	10	7	7	8	24.71	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	47	47	40	44	8.66	cps
Phosphorus	31-2	130	120	140	130	7.69	cps
Potassium	39-2	34125	35164	34259	34516	1.64	cps
Rhodium	103-1	2711036	2640154	2722773	2691321	1.66	cps
Rhodium	103-2	1449328	1504680	1446869	1466959	2.23	cps
Scandium	45-1	1578386	1552045	1592765	1574398	1.31	cps
Scandium	45-2	135066	135415	134682	135054	0.27	cps
Selenium	82-1	65	58	108	77	35.40	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	90	113	117	107	13.62	cps
Silicon	28-1	152116	154856	153189	153387	0.90	cps
Silver	107-1	160	137	127	141	12.12	cps
Silver	109-1	90	100	47	79	35.93	cps
Sodium	23-2	13126	12949	13459	13178	1.97	cps
Strontium	86-1	180	147	70	132	42.66	cps
Strontium	88-1	310	307	340	319	5.76	cps
Sulfur	34-1	127503	127144	125876	126841	0.67	cps
Terbium	159-1	4107713	4132123	4200772	4146869	1.16	cps
Terbium	159-2	2627653	2673507	2674934	2658698	1.01	cps
Thallium	203-1	127	117	93	112	15.25	cps
Thallium	205-1	330	317	243	297	15.73	cps
Tin	118-1	1020	1263	1123	1136	10.75	cps
Titanium	47-1	97	27	40	54	68.27	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICB022	Instrumnet Name :	P7
Client Sample ID :	ICB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:32:57	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3	17	17	12	63.01	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Yttrium	89-1	4949890	4894105	4975044	4939680	0.84	cps
Yttrium	89-2	1217760	1216742	1208121	1214207	0.44	cps
Zinc	66-2	170	180	150	167	9.17	cps
Zirconium	90-1	160	257	223	213	23.02	cps
Zirconium	91-1	27	37	57	40	38.18	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICSA022	Instrumnet Name :	P7
Client Sample ID :	ICSA022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:38:23	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8396314	8378924	8354834	8376690	0.25	cps
Antimony	121-1	4641	4748	4731	4706	1.22	cps
Arsenic	75-2	73	73	93	80	14.43	cps
Barium	135-1	1663	1507	1690	1620	6.11	cps
Barium	137-1	2910	2817	2767	2831	2.57	cps
Beryllium	9-1	303	303	367	324	11.27	cps
Bismuth	209-1	2427105	2442345	2462290	2443913	0.72	cps
Bismuth	209-2	1891801	1882085	1893479	1889122	0.33	cps
Bromine	81-1	6988	6965	7272	7075	2.41	cps
Bromine	81-2	93	117	93	101	13.33	cps
Cadmium	108-1	733	690	650	691	6.03	cps
Cadmium	106-1	1190	1333	1317	1280	6.12	cps
Cadmium	111-1	1196	1340	1310	1282	5.92	cps
Calcium	43-1	1117154	1120026	1128125	1121768	0.51	cps
Calcium	44-1	16900372	16982879	17124496	17002582	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28754	28120	28985	28619	1.57	cps
Cobalt	59-2	2637	2634	2720	2664	1.84	cps
Copper	63-2	12195	11775	11875	11948	1.84	cps
Dysprosium	156-1	60	73	60	64	11.94	cps
Dysprosium	156-2	33	17	10	20	60.08	cps
Erbium	164-1	30	23	13	22	37.76	cps
Erbium	164-2	20	17	10	16	32.73	cps
Gadolinium	160-1	30	13	13	19	50.96	cps
Gadolinium	160-2	113	103	103	107	5.41	cps
Holmium	165-1	3986321	3990248	4045207	4007259	0.82	cps
Holmium	165-2	2727343	2681554	2690857	2699918	0.90	cps
Indium	115-1	2777349	2812514	2834979	2808280	1.03	cps
Indium	115-2	877972	875251	885496	879573	0.60	cps
Iron	56-2	127605768	128013031	127116935	127578578	0.35	cps
Iron	57-2	3196265	3182618	3155078	3177987	0.66	cps
Iron	54-2	6893679	6911083	6974339	6926367	0.61	cps
Krypton	83-1	63	83	103	83	24.00	cps

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICSA022	Instrumnet Name :	P7
Client Sample ID :	ICSA022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:38:23	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16236	16253	16273	16254	0.11	cps
Lead	207-1	12860	12546	13133	12846	2.29	cps
Lead	208-1	60298	60813	61320	60811	0.84	cps
Lithium	6-1	718509	713469	719190	717056	0.44	cps
Magnesium	24-2	14437494	14419874	14275170	14377513	0.62	cps
Manganese	55-2	9290	9283	9266	9280	0.13	cps
Molybdenum	94-1	2253332	2191007	2239147	2227829	1.47	cps
Molybdenum	95-1	3890478	3900181	3913424	3901361	0.30	cps
Molybdenum	96-1	4174835	4203573	4207709	4195372	0.43	cps
Molybdenum	97-1	2428910	2478672	2458288	2455290	1.02	cps
Molybdenum	98-1	6339317	6364411	6334337	6346022	0.25	cps
Neodymium	150-1	20	47	40	36	39.03	cps
Neodymium	150-2	20	7	27	18	57.27	cps
Nickel	60-2	2927	2964	2714	2868	4.71	cps
Phosphorus	31-2	437032	435802	437021	436618	0.16	cps
Potassium	39-2	17274148	17352256	17251771	17292725	0.31	cps
Rhodium	103-1	2393963	2396963	2384067	2391664	0.28	cps
Rhodium	103-2	1312001	1296495	1302687	1303728	0.60	cps
Scandium	45-1	1494208	1462081	1481982	1479424	1.10	cps
Scandium	45-2	126425	125873	125981	126093	0.23	cps
Selenium	82-1	138	114	108	120	13.23	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	107	63	110	93	27.90	cps
Silicon	28-1	199088	202559	205007	202218	1.47	cps
Silver	107-1	487	550	480	506	7.64	cps
Silver	109-1	517	523	470	503	5.77	cps
Sodium	23-2	24205507	24391269	24187118	24261298	0.47	cps
Strontium	86-1	44701	44002	45015	44573	1.16	cps
Strontium	88-1	388004	389246	391666	389639	0.48	cps
Sulfur	34-1	1684368	1692507	1703293	1693389	0.56	cps
Terbium	159-1	4081876	4051701	4098531	4077369	0.58	cps
Terbium	159-2	2609984	2628555	2627728	2622089	0.40	cps
Thallium	203-1	490	517	627	544	13.31	cps
Thallium	205-1	1353	1293	1463	1370	6.29	cps
Tin	118-1	1653	1693	1887	1745	7.15	cps
Titanium	47-1	977181	979039	980271	978831	0.16	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICSA022	Instrumnet Name :	P7
Client Sample ID :	ICSA022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:38:23	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	217	230	230	226	3.41	cps
Vanadium	51-2	303	277	247	276	10.29	cps
Yttrium	89-1	4632605	4600718	4695123	4642815	1.03	cps
Yttrium	89-2	1158316	1154181	1164351	1158949	0.44	cps
Zinc	66-2	2850	3017	2760	2876	4.53	cps
Zirconium	90-1	323	253	300	292	12.20	cps
Zirconium	91-1	87	77	77	80	7.22	cps

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICSAB022	Instrumnet Name :	P7
Client Sample ID :	ICSAB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:43:52	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8593258	8439279	8479888	8504141	0.94	cps
Antimony	121-1	88550	90452	88805	89269	1.16	cps
Arsenic	75-2	3791	3847	3911	3849	1.56	cps
Barium	135-1	23550	24708	24438	24232	2.50	cps
Barium	137-1	40735	41614	41888	41412	1.46	cps
Beryllium	9-1	16692	16612	16792	16699	0.54	cps
Bismuth	209-1	2559460	2503214	2552376	2538350	1.21	cps
Bismuth	209-2	1933960	1879372	1885073	1899468	1.58	cps
Bromine	81-1	7015	7035	7519	7190	3.97	cps
Bromine	81-2	133	163	153	150	10.18	cps
Cadmium	108-1	1970	2207	1957	2045	6.88	cps
Cadmium	106-1	2844	2927	3144	2971	5.21	cps
Cadmium	111-1	20876	21549	21476	21300	1.73	cps
Calcium	43-1	1122006	1132282	1144168	1132819	0.98	cps
Calcium	44-1	16939869	17050203	17274463	17088178	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57315	57218	56987	57173	0.29	cps
Cobalt	59-2	44766	44994	45084	44948	0.36	cps
Copper	63-2	39378	38887	39164	39143	0.63	cps
Dysprosium	156-1	60	30	37	42	37.31	cps
Dysprosium	156-2	23	23	23	23	0.00	cps
Erbium	164-1	20	33	20	24	31.49	cps
Erbium	164-2	33	13	27	24	41.66	cps
Gadolinium	160-1	33	23	37	31	22.31	cps
Gadolinium	160-2	143	147	110	133	15.21	cps
Holmium	165-1	4208958	4099670	4119171	4142600	1.41	cps
Holmium	165-2	2789565	2747798	2732586	2756650	1.07	cps
Indium	115-1	2871732	2891604	2903915	2889084	0.56	cps
Indium	115-2	893517	886847	890709	890358	0.38	cps
Iron	56-2	129289765	128327635	129144715	128920705	0.40	cps
Iron	57-2	3220171	3199715	3201954	3207280	0.35	cps
Iron	54-2	7011093	7010789	6936109	6985997	0.62	cps
Krypton	83-1	60	83	63	69	18.32	cps

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICSAB022	Instrumnet Name :	P7
Client Sample ID :	ICSAB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:43:52	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	103205	104914	105267	104462	1.06	cps
Lead	207-1	84748	86070	87110	85976	1.38	cps
Lead	208-1	395671	400830	405496	400666	1.23	cps
Lithium	6-1	716208	720212	727462	721294	0.79	cps
Magnesium	24-2	14611126	14554585	14359195	14508302	0.91	cps
Manganese	55-2	32007	31423	31921	31784	0.99	cps
Molybdenum	94-1	2229205	2272546	2307365	2269705	1.73	cps
Molybdenum	95-1	3923700	3996161	4015517	3978459	1.22	cps
Molybdenum	96-1	4196745	4207183	4296875	4233601	1.30	cps
Molybdenum	97-1	2469776	2482052	2527563	2493130	1.22	cps
Molybdenum	98-1	6417592	6454388	6543805	6471928	1.00	cps
Neodymium	150-1	23	13	43	27	57.29	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	12882	13249	13072	13068	1.40	cps
Phosphorus	31-2	445598	442964	443583	444049	0.31	cps
Potassium	39-2	17733451	17547801	17727068	17669440	0.60	cps
Rhodium	103-1	2456423	2407227	2462950	2442200	1.25	cps
Rhodium	103-2	1325546	1326281	1328459	1326762	0.11	cps
Scandium	45-1	1498958	1498483	1527951	1508464	1.12	cps
Scandium	45-2	130708	128529	127191	128809	1.38	cps
Selenium	82-1	1256	1259	1394	1303	6.03	cps
Selenium	77-2	107	160	123	130	20.99	cps
Selenium	78-2	437	530	490	486	9.64	cps
Silicon	28-1	190895	192323	194354	192524	0.90	cps
Silver	107-1	91626	93340	94605	93191	1.60	cps
Silver	109-1	86831	89028	89443	88434	1.59	cps
Sodium	23-2	24603663	24406668	24411771	24474034	0.46	cps
Strontium	86-1	44744	46022	46085	45617	1.66	cps
Strontium	88-1	396581	398925	406660	400722	1.32	cps
Sulfur	34-1	1687031	1703514	1681008	1690517	0.69	cps
Terbium	159-1	4186276	4191984	4241480	4206580	0.72	cps
Terbium	159-2	2693410	2641511	2629193	2654705	1.28	cps
Thallium	203-1	106586	106710	107983	107093	0.72	cps
Thallium	205-1	251565	256237	255959	254587	1.03	cps
Tin	118-1	1367	2160	2723	2083	32.71	cps
Titanium	47-1	974832	987914	993278	985341	0.96	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	ICSAB022	Instrumnet Name :	P7
Client Sample ID :	ICSAB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:43:52	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	210	263	240	238	11.25	cps
Vanadium	51-2	25986	25812	26076	25958	0.52	cps
Yttrium	89-1	4789886	4808878	4801950	4800238	0.20	cps
Yttrium	89-2	1184515	1177114	1172553	1178061	0.51	cps
Zinc	66-2	7632	7976	7815	7808	2.20	cps
Zirconium	90-1	257	247	333	279	17.00	cps
Zirconium	91-1	90	97	60	82	23.76	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P7
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:54:14	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4760866	4668210	4631686	4686921	1.42	cps
Antimony	121-1	2338305	2355529	2354444	2349426	0.41	cps
Arsenic	75-2	92227	92556	91842	92208	0.39	cps
Barium	135-1	3177870	3161343	3147432	3162215	0.48	cps
Barium	137-1	5316257	5474804	5478102	5423055	1.71	cps
Beryllium	9-1	416791	426350	425593	422911	1.26	cps
Bismuth	209-1	2389699	2467265	2454238	2437068	1.70	cps
Bismuth	209-2	1612595	1599760	1617437	1609931	0.57	cps
Bromine	81-1	7138	7108	7012	7086	0.93	cps
Bromine	81-2	37	37	17	30	38.49	cps
Cadmium	108-1	39774	39935	40232	39981	0.58	cps
Cadmium	106-1	58320	58122	59331	58591	1.11	cps
Cadmium	111-1	531365	535270	539983	535539	0.81	cps
Calcium	43-1	2922807	2953754	2924360	2933640	0.59	cps
Calcium	44-1	45903009	46765259	46374356	46347542	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	765988	765349	754303	761880	0.86	cps
Cobalt	59-2	1115161	1102661	1112441	1110088	0.59	cps
Copper	63-2	7552293	7621136	7498314	7557247	0.81	cps
Dysprosium	156-1	267	277	250	264	5.09	cps
Dysprosium	156-2	267	253	287	269	6.24	cps
Erbium	164-1	147	130	193	157	20.96	cps
Erbium	164-2	93	77	110	93	17.86	cps
Gadolinium	160-1	173	160	193	176	9.56	cps
Gadolinium	160-2	250	180	233	221	16.54	cps
Holmium	165-1	4005670	4096181	4082799	4061550	1.20	cps
Holmium	165-2	2676922	2661176	2728849	2688982	1.32	cps
Indium	115-1	2465404	2563070	2471748	2500074	2.19	cps
Indium	115-2	734132	730397	735006	733178	0.33	cps
Iron	56-2	167449081	166075758	165070054	166198298	0.72	cps
Iron	57-2	4167873	4094239	4129492	4130535	0.89	cps
Iron	54-2	9142541	8986121	9033114	9053926	0.89	cps
Krypton	83-1	63	73	77	71	9.76	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P7
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:54:14	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9725334	9859106	9867232	9817224	0.81	cps
Lead	207-1	8581322	8667540	8631609	8626823	0.50	cps
Lead	208-1	38795004	39594854	39219872	39203243	1.02	cps
Lithium	6-1	697503	716817	717055	710459	1.58	cps
Magnesium	24-2	38192544	37832943	37301428	37775638	1.19	cps
Manganese	55-2	6015972	5921407	5920340	5952573	0.92	cps
Molybdenum	94-1	6925848	6945242	7071965	6981018	1.14	cps
Molybdenum	95-1	9708370	9718352	9767178	9731300	0.32	cps
Molybdenum	96-1	10564716	10789659	10736238	10696871	1.10	cps
Molybdenum	97-1	6039665	6178527	6165250	6127814	1.25	cps
Molybdenum	98-1	15915688	15962870	16180834	16019797	0.88	cps
Neodymium	150-1	377	353	397	376	5.78	cps
Neodymium	150-2	130	127	133	130	2.57	cps
Nickel	60-2	271360	271604	271034	271332	0.11	cps
Phosphorus	31-2	4611	4674	4694	4660	0.93	cps
Potassium	39-2	23446367	23150175	22800955	23132499	1.40	cps
Rhodium	103-1	2368610	2447054	2389067	2401577	1.69	cps
Rhodium	103-2	1286352	1270530	1284942	1280608	0.68	cps
Scandium	45-1	1519128	1538565	1522285	1526659	0.68	cps
Scandium	45-2	129638	126586	128973	128399	1.25	cps
Selenium	82-1	29938	30761	30283	30327	1.36	cps
Selenium	77-2	2947	2880	2890	2906	1.24	cps
Selenium	78-2	9757	9620	9226	9534	2.89	cps
Silicon	28-1	23118112	22916669	22811863	22948881	0.68	cps
Silver	107-1	2582208	2547275	2537288	2555590	0.92	cps
Silver	109-1	2475104	2527269	2489540	2497304	1.08	cps
Sodium	23-2	64311156	63113771	62970361	63465096	1.16	cps
Strontium	86-1	17612542	17512026	17690596	17605055	0.51	cps
Strontium	88-1	153328904	155200554	154482841	154337433	0.61	cps
Sulfur	34-1	283678	287777	285346	285600	0.72	cps
Terbium	159-1	4047683	4214479	4118040	4126734	2.03	cps
Terbium	159-2	2667855	2641868	2636882	2648868	0.63	cps
Thallium	203-1	2452477	2490826	2516005	2486436	1.29	cps
Thallium	205-1	5960943	5985083	5997719	5981248	0.31	cps
Tin	118-1	17225644	17703343	17468776	17465921	1.37	cps
Titanium	47-1	2318466	2374373	2365943	2352927	1.28	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P7
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:54:14	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8115912	8383672	8364038	8287874	1.80	cps
Vanadium	51-2	701731	699939	692978	698216	0.66	cps
Yttrium	89-1	4775149	4808389	4802895	4795478	0.37	cps
Yttrium	89-2	1169195	1153482	1172488	1165055	0.87	cps
Zinc	66-2	1257452	1256133	1250805	1254796	0.28	cps
Zirconium	90-1	3738500	3718379	3738066	3731649	0.31	cps
Zirconium	91-1	820861	826133	822421	823138	0.33	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P7
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:58:38	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	197	203	187	196	4.29	cps
Antimony	121-1	493	490	680	554	19.61	cps
Arsenic	75-2	13	10	0	8	89.21	cps
Barium	135-1	73	53	67	64	15.80	cps
Barium	137-1	137	150	77	121	32.25	cps
Beryllium	9-1	147	213	240	200	24.04	cps
Bismuth	209-1	2711866	2681252	2648494	2680537	1.18	cps
Bismuth	209-2	2011231	1848037	1971272	1943513	4.38	cps
Bromine	81-1	7165	6905	7155	7075	2.08	cps
Bromine	81-2	63	50	37	50	26.66	cps
Cadmium	108-1	7	3	3	4	43.40	cps
Cadmium	106-1	1443	1377	1337	1386	3.89	cps
Cadmium	111-1	1036	971	940	982	4.96	cps
Calcium	43-1	1150	1120	1113	1128	1.73	cps
Calcium	44-1	17357	17981	18074	17804	2.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	193	193	183	190	3.04	cps
Cobalt	59-2	53	77	73	68	18.62	cps
Copper	63-2	600	680	650	643	6.28	cps
Dysprosium	156-1	27	37	43	36	23.58	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	13	3	20	12	68.66	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	7	3	7	6	34.70	cps
Gadolinium	160-2	97	117	103	106	9.65	cps
Holmium	165-1	4082837	4110231	4088556	4093874	0.35	cps
Holmium	165-2	2708376	2504004	2645392	2619257	4.00	cps
Indium	115-1	2922357	2954710	2964132	2947066	0.74	cps
Indium	115-2	909848	847950	907892	888564	3.96	cps
Iron	56-2	10864	11051	11731	11215	4.07	cps
Iron	57-2	707	620	700	676	7.14	cps
Iron	54-2	1003	1113	1217	1111	9.60	cps
Krypton	83-1	67	60	90	72	21.81	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P7
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:58:38	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	720	647	570	646	11.62	cps
Lead	207-1	583	530	487	533	9.08	cps
Lead	208-1	2590	2560	2340	2497	5.47	cps
Lithium	6-1	720890	725755	723823	723489	0.34	cps
Magnesium	24-2	2307	2397	2364	2356	1.93	cps
Manganese	55-2	303	317	283	301	5.57	cps
Molybdenum	94-1	293	270	333	299	10.72	cps
Molybdenum	95-1	260	300	280	280	7.14	cps
Molybdenum	96-1	297	363	360	340	11.05	cps
Molybdenum	97-1	143	190	200	178	17.01	cps
Molybdenum	98-1	433	400	497	443	11.08	cps
Neodymium	150-1	17	0	0	6	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	33	30	40	34	14.78	cps
Phosphorus	31-2	103	110	100	104	4.88	cps
Potassium	39-2	32889	32759	33143	32930	0.59	cps
Rhodium	103-1	2591572	2607959	2640838	2613456	0.96	cps
Rhodium	103-2	1397207	1342881	1394923	1378337	2.23	cps
Scandium	45-1	1481518	1488764	1511877	1494053	1.06	cps
Scandium	45-2	128394	119374	126428	124732	3.80	cps
Selenium	82-1	116	112	82	103	18.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	130	73	103	102	27.73	cps
Silicon	28-1	157462	156189	152722	155458	1.58	cps
Silver	107-1	180	147	140	156	13.78	cps
Silver	109-1	133	120	113	122	8.33	cps
Sodium	23-2	19789	19372	19519	19560	1.08	cps
Strontium	86-1	363	400	430	398	8.39	cps
Strontium	88-1	2260	2367	2574	2400	6.64	cps
Sulfur	34-1	116084	113836	114579	114833	1.00	cps
Terbium	159-1	4149604	4213747	4156195	4173182	0.85	cps
Terbium	159-2	2605989	2443651	2581424	2543688	3.44	cps
Thallium	203-1	207	220	233	220	6.06	cps
Thallium	205-1	547	450	380	459	18.24	cps
Tin	118-1	1620	1757	1990	1789	10.46	cps
Titanium	47-1	117	143	97	119	19.69	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P7
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 14:58:38	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	83	120	127	110	21.21	cps
Vanadium	51-2	23	23	13	20	28.87	cps
Yttrium	89-1	4831994	4799390	4749262	4793549	0.87	cps
Yttrium	89-2	1165558	1091368	1162538	1139822	3.68	cps
Zinc	66-2	133	170	133	146	14.54	cps
Zirconium	90-1	360	347	470	392	17.26	cps
Zirconium	91-1	103	90	103	99	7.78	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2745-01A	Instrumnet Name :	P7
Client Sample ID :	MYD3J0ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:03:47	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5174214	5108752	5116855	5133273	0.70	cps
Antimony	121-1	9663	10107	9737	9836	2.42	cps
Arsenic	75-2	143011	141948	140699	141886	0.82	cps
Barium	135-1	821989	854894	850592	842492	2.12	cps
Barium	137-1	1417417	1447749	1490563	1451910	2.53	cps
Beryllium	9-1	1747	1797	1780	1775	1.43	cps
Bismuth	209-1	2642042	2757132	2678130	2692435	2.19	cps
Bismuth	209-2	2071389	2038670	2050561	2053540	0.81	cps
Bromine	81-1	8346	8996	8646	8663	3.76	cps
Bromine	81-2	320	340	430	363	16.13	cps
Cadmium	108-1	303	267	247	272	10.56	cps
Cadmium	106-1	2084	1953	2167	2068	5.20	cps
Cadmium	111-1	3280	3594	3564	3479	4.99	cps
Calcium	43-1	113977	118763	119868	117536	2.66	cps
Calcium	44-1	1724591	1812287	1783542	1773474	2.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	202055	199075	199528	200219	0.80	cps
Cobalt	59-2	171133	170961	169798	170631	0.43	cps
Copper	63-2	433761	433441	430285	432495	0.44	cps
Dysprosium	156-1	44042	46099	46192	45444	2.67	cps
Dysprosium	156-2	35134	35268	36023	35475	1.35	cps
Erbium	164-1	34035	35361	35147	34848	2.04	cps
Erbium	164-2	23326	22288	22775	22796	2.28	cps
Gadolinium	160-1	39913	39536	41204	40217	2.17	cps
Gadolinium	160-2	27567	26989	27150	27235	1.10	cps
Holmium	165-1	4123441	4308810	4315806	4249352	2.57	cps
Holmium	165-2	2830875	2893039	2858459	2860791	1.09	cps
Indium	115-1	2962346	3129396	3089229	3060324	2.85	cps
Indium	115-2	958525	952268	951020	953938	0.42	cps
Iron	56-2	203246837	202575444	202409844	202744041	0.22	cps
Iron	57-2	4997887	4942194	4928133	4956071	0.74	cps
Iron	54-2	11085089	10951656	11037640	11024795	0.61	cps
Krypton	83-1	110	97	147	118	21.98	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2745-01A	Instrumnet Name :	P7
Client Sample ID :	MYD3J0ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:03:47	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	277260	291502	288104	285622	2.60	cps
Lead	207-1	241428	246403	254051	247294	2.57	cps
Lead	208-1	1115813	1135657	1136686	1129386	1.04	cps
Lithium	6-1	750766	779033	774666	768155	1.98	cps
Magnesium	24-2	4371093	4345626	4254991	4323903	1.41	cps
Manganese	55-2	4688989	4661409	4696588	4682329	0.40	cps
Molybdenum	94-1	49968	51895	51390	51084	1.96	cps
Molybdenum	95-1	2740	3030	3167	2979	7.32	cps
Molybdenum	96-1	13293	13897	14881	14024	5.72	cps
Molybdenum	97-1	1883	1833	1663	1793	6.43	cps
Molybdenum	98-1	4334	4657	4477	4490	3.61	cps
Neodymium	150-1	78631	79492	78597	78907	0.64	cps
Neodymium	150-2	43724	43106	42577	43136	1.33	cps
Nickel	60-2	75884	76155	76205	76082	0.23	cps
Phosphorus	31-2	11024	10894	10751	10890	1.26	cps
Potassium	39-2	2137722	2097420	2088175	2107772	1.25	cps
Rhodium	103-1	2577203	2619679	2737722	2644868	3.14	cps
Rhodium	103-2	1455015	1454819	1452797	1454210	0.08	cps
Scandium	45-1	1734301	1829430	1799193	1787641	2.72	cps
Scandium	45-2	153842	152660	153878	153460	0.45	cps
Selenium	82-1	215	196	150	187	17.93	cps
Selenium	77-2	60	107	83	83	28.00	cps
Selenium	78-2	100	170	143	138	25.64	cps
Silicon	28-1	17103676	17533580	17969776	17535677	2.47	cps
Silver	107-1	2660	2844	2397	2634	8.53	cps
Silver	109-1	2674	2404	2474	2517	5.57	cps
Sodium	23-2	73008	72469	73109	72862	0.47	cps
Strontium	86-1	132348	135698	140075	136040	2.85	cps
Strontium	88-1	1186706	1188411	1207676	1194265	0.98	cps
Sulfur	34-1	127069	124845	123225	125046	1.54	cps
Terbium	159-1	4259149	4264782	4433081	4319004	2.29	cps
Terbium	159-2	2794262	2755562	2773588	2774471	0.70	cps
Thallium	203-1	2870	3157	3337	3122	7.54	cps
Thallium	205-1	7282	7355	7375	7338	0.67	cps
Tin	118-1	6762	7582	7665	7336	6.81	cps
Titanium	47-1	591676	614710	626137	610841	2.87	cps

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Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2745-01A	Instrumnet Name :	P7
Client Sample ID :	MYD3J0ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:03:47	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19084	18616	19451	19050	2.20	cps
Vanadium	51-2	434395	432121	431662	432726	0.34	cps
Yttrium	89-1	5348474	5489030	5513206	5450237	1.63	cps
Yttrium	89-2	1370408	1363607	1367963	1367326	0.25	cps
Zinc	66-2	88504	87860	87595	87986	0.53	cps
Zirconium	90-1	128328	134748	135041	132706	2.86	cps
Zirconium	91-1	28902	29764	30251	29639	2.31	cps

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On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2785-05A	Instrumnet Name :	P7
Client Sample ID :	MYD459ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:07:05	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4175143	4144992	4112581	4144239	0.75	cps
Antimony	121-1	3184	3284	3340	3269	2.43	cps
Arsenic	75-2	66110	66829	65256	66065	1.19	cps
Barium	135-1	358913	355606	355016	356512	0.59	cps
Barium	137-1	611726	617880	605224	611610	1.03	cps
Beryllium	9-1	1187	1177	1303	1222	5.76	cps
Bismuth	209-1	2698401	2473207	2752862	2641490	5.61	cps
Bismuth	209-2	2054757	1989237	2038910	2027635	1.69	cps
Bromine	81-1	8142	7819	8182	8048	2.48	cps
Bromine	81-2	180	223	197	200	10.93	cps
Cadmium	108-1	143	170	90	134	30.30	cps
Cadmium	106-1	1803	1703	1820	1776	3.55	cps
Cadmium	111-1	2616	2570	2698	2628	2.46	cps
Calcium	43-1	187490	187627	188657	187925	0.34	cps
Calcium	44-1	2835208	2862683	2868194	2855362	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59005	58881	58804	58897	0.17	cps
Cobalt	59-2	77760	78088	76547	77465	1.05	cps
Copper	63-2	211196	214082	212727	212668	0.68	cps
Dysprosium	156-1	37386	37273	37042	37234	0.47	cps
Dysprosium	156-2	27637	27904	27323	27622	1.05	cps
Erbium	164-1	32210	32010	32327	32183	0.50	cps
Erbium	164-2	21280	20732	20619	20877	1.69	cps
Gadolinium	160-1	35218	35532	35508	35419	0.49	cps
Gadolinium	160-2	24608	23770	24091	24156	1.75	cps
Holmium	165-1	4426676	3972214	4211474	4203455	5.41	cps
Holmium	165-2	2823268	2808933	2757711	2796637	1.23	cps
Indium	115-1	3182025	2904379	3100870	3062424	4.66	cps
Indium	115-2	945681	939290	943010	942660	0.34	cps
Iron	56-2	118625255	117389002	117683985	117899414	0.55	cps
Iron	57-2	2958251	2955583	2908737	2940857	0.95	cps
Iron	54-2	6435297	6387832	6307721	6376950	1.01	cps
Krypton	83-1	110	113	100	108	6.44	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2785-05A	Instrumnet Name :	P7
Client Sample ID :	MYD459ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:07:05	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	770491	770703	774615	771936	0.30	cps
Lead	207-1	667482	679302	666702	671162	1.05	cps
Lead	208-1	3033105	3271258	3057724	3120696	4.20	cps
Lithium	6-1	769960	709860	778220	752680	4.96	cps
Magnesium	24-2	2500773	2490688	2503870	2498444	0.28	cps
Manganese	55-2	1904027	1900066	1867202	1890431	1.07	cps
Molybdenum	94-1	19904	20087	20868	20286	2.52	cps
Molybdenum	95-1	1657	1563	1623	1615	2.93	cps
Molybdenum	96-1	6432	6488	6385	6435	0.80	cps
Molybdenum	97-1	990	1113	1167	1090	8.31	cps
Molybdenum	98-1	2577	2724	2654	2651	2.77	cps
Neodymium	150-1	60147	60452	60439	60346	0.29	cps
Neodymium	150-2	32457	32177	32865	32500	1.06	cps
Nickel	60-2	18391	18321	18471	18395	0.41	cps
Phosphorus	31-2	9019	9033	9073	9042	0.31	cps
Potassium	39-2	791964	790731	782813	788503	0.63	cps
Rhodium	103-1	2785760	2513584	2694280	2664542	5.20	cps
Rhodium	103-2	1444992	1435540	1443061	1441198	0.35	cps
Scandium	45-1	1777199	1600441	1732238	1703293	5.39	cps
Scandium	45-2	145228	144928	145817	145324	0.31	cps
Selenium	82-1	189	176	201	189	6.81	cps
Selenium	77-2	73	83	70	76	9.18	cps
Selenium	78-2	180	157	187	174	9.03	cps
Silicon	28-1	17702656	17736919	17447548	17629041	0.90	cps
Silver	107-1	1977	2230	2337	2181	8.48	cps
Silver	109-1	2037	2054	2120	2070	2.13	cps
Sodium	23-2	80231	80653	80221	80368	0.31	cps
Strontium	86-1	91807	92404	89815	91342	1.48	cps
Strontium	88-1	790448	804800	799894	798381	0.91	cps
Sulfur	34-1	112359	110546	109704	110870	1.22	cps
Terbium	159-1	4341900	4023967	4350143	4238670	4.39	cps
Terbium	159-2	2777869	2681900	2797717	2752495	2.25	cps
Thallium	203-1	1460	1577	1623	1553	5.42	cps
Thallium	205-1	3457	3837	3741	3678	5.37	cps
Tin	118-1	5234	5191	5404	5277	2.14	cps
Titanium	47-1	460529	464987	459895	461804	0.60	cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2785-05A	Instrumnet Name :	P7
Client Sample ID :	MYD459ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:07:05	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10111	10134	10364	10203	1.37	cps
Vanadium	51-2	215537	214840	212430	214269	0.76	cps
Yttrium	89-1	5571225	5081382	5669396	5440667	5.79	cps
Yttrium	89-2	1343980	1340886	1338920	1341262	0.19	cps
Zinc	66-2	79185	79594	78280	79020	0.85	cps
Zirconium	90-1	52356	52861	51988	52402	0.84	cps
Zirconium	91-1	11635	11565	11368	11522	1.20	cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2809-10A	Instrumnet Name :	P7
Client Sample ID :	MYD4R7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:10:21	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4210835	4181597	4142568	4178334	0.82	cps
Antimony	121-1	9126	9463	9530	9373	2.31	cps
Arsenic	75-2	47823	47937	48161	47974	0.36	cps
Barium	135-1	378183	375325	384756	379421	1.27	cps
Barium	137-1	640027	654724	644182	646311	1.17	cps
Beryllium	9-1	1310	1423	1367	1367	4.15	cps
Bismuth	209-1	2653994	2635382	2685020	2658132	0.94	cps
Bismuth	209-2	2024396	1989080	1995700	2003059	0.94	cps
Bromine	81-1	7599	7529	7502	7543	0.66	cps
Bromine	81-2	190	227	160	192	17.37	cps
Cadmium	108-1	273	300	283	286	4.72	cps
Cadmium	106-1	1997	1947	1997	1980	1.46	cps
Cadmium	111-1	3597	3513	3743	3618	3.22	cps
Calcium	43-1	193628	192076	193135	192946	0.41	cps
Calcium	44-1	2932425	2886335	2919011	2912590	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71106	70798	71552	71152	0.53	cps
Cobalt	59-2	83480	82686	83494	83220	0.56	cps
Copper	63-2	277879	278063	275041	276994	0.61	cps
Dysprosium	156-1	41939	41815	42086	41947	0.32	cps
Dysprosium	156-2	30356	30957	30717	30677	0.99	cps
Erbium	164-1	35388	36284	36434	36035	1.57	cps
Erbium	164-2	23476	23396	23313	23395	0.35	cps
Gadolinium	160-1	38276	39375	39028	38893	1.45	cps
Gadolinium	160-2	26515	26766	26572	26618	0.49	cps
Holmium	165-1	4315120	4283590	4352407	4317039	0.80	cps
Holmium	165-2	2821210	2799401	2787582	2802731	0.61	cps
Indium	115-1	3205548	3125542	3140998	3157363	1.34	cps
Indium	115-2	942453	941617	932425	938832	0.59	cps
Iron	56-2	151015641	151312358	150157341	150828447	0.40	cps
Iron	57-2	3676250	3719308	3650136	3681898	0.95	cps
Iron	54-2	8198864	8156997	8107449	8154437	0.56	cps
Krypton	83-1	127	127	77	110	26.24	cps

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On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2809-10A	Instrumnet Name :	P7
Client Sample ID :	MYD4R7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:10:21	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	674582	668200	685870	676218	1.32	cps
Lead	207-1	611027	629654	614235	618305	1.61	cps
Lead	208-1	2712818	2740590	2736948	2730118	0.55	cps
Lithium	6-1	765076	757131	765987	762731	0.64	cps
Magnesium	24-2	2442657	2458507	2415720	2438961	0.89	cps
Manganese	55-2	1975726	1986411	1949034	1970390	0.98	cps
Molybdenum	94-1	30355	30522	30351	30409	0.32	cps
Molybdenum	95-1	3147	2960	2977	3028	3.41	cps
Molybdenum	96-1	9763	10057	9917	9912	1.48	cps
Molybdenum	97-1	1810	1777	1880	1822	2.89	cps
Molybdenum	98-1	4868	5041	4901	4936	1.86	cps
Neodymium	150-1	64801	66104	66265	65723	1.22	cps
Neodymium	150-2	36323	35859	36013	36065	0.66	cps
Nickel	60-2	21909	21682	22280	21957	1.37	cps
Phosphorus	31-2	14020	14127	13960	14035	0.60	cps
Potassium	39-2	1363179	1367670	1351903	1360917	0.60	cps
Rhodium	103-1	2716720	2738669	2667735	2707708	1.34	cps
Rhodium	103-2	1438433	1421079	1427909	1429140	0.61	cps
Scandium	45-1	1735486	1714755	1711396	1720546	0.76	cps
Scandium	45-2	145470	144703	143901	144691	0.54	cps
Selenium	82-1	229	230	257	239	6.58	cps
Selenium	77-2	63	117	77	86	32.44	cps
Selenium	78-2	213	200	187	200	6.67	cps
Silicon	28-1	19083798	18799080	18749644	18877507	0.96	cps
Silver	107-1	15705	16102	16209	16006	1.66	cps
Silver	109-1	15448	16079	15709	15745	2.01	cps
Sodium	23-2	90155	91050	89927	90377	0.66	cps
Strontium	86-1	113459	114491	112647	113532	0.81	cps
Strontium	88-1	984893	987667	983189	985250	0.23	cps
Sulfur	34-1	111493	107381	108526	109133	1.94	cps
Terbium	159-1	4339383	4437925	4283353	4353554	1.80	cps
Terbium	159-2	2745610	2747563	2718403	2737192	0.60	cps
Thallium	203-1	1713	1743	1820	1759	3.13	cps
Thallium	205-1	3947	4044	4027	4006	1.29	cps
Tin	118-1	8623	9333	8613	8856	4.66	cps
Titanium	47-1	1048498	1061056	1051568	1053708	0.62	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2809-10A	Instrumnet Name :	P7
Client Sample ID :	MYD4R7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:10:21	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15139	15019	15336	15164	1.06	cps
Vanadium	51-2	286319	287811	281210	285113	1.21	cps
Yttrium	89-1	5435478	5479966	5494018	5469821	0.56	cps
Yttrium	89-2	1345121	1344552	1335870	1341848	0.39	cps
Zinc	66-2	171037	169537	170062	170212	0.45	cps
Zirconium	90-1	77942	77530	79366	78279	1.23	cps
Zirconium	91-1	17020	17521	17527	17356	1.68	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5H2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:13:39	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3752249	3756185	3740973	3749803	0.21	cps
Antimony	121-1	2204	2023	1947	2058	6.40	cps
Arsenic	75-2	5978	5811	5828	5872	1.56	cps
Barium	135-1	449852	449595	451861	450436	0.28	cps
Barium	137-1	777043	782688	782112	780614	0.40	cps
Beryllium	9-1	1327	1367	1423	1372	3.54	cps
Bismuth	209-1	2626308	2632676	2627710	2628898	0.13	cps
Bismuth	209-2	2006798	2014349	1998721	2006623	0.39	cps
Bromine	81-1	7479	7098	7102	7226	3.02	cps
Bromine	81-2	147	130	123	133	9.01	cps
Cadmium	108-1	100	120	110	110	9.09	cps
Cadmium	106-1	1763	1800	1783	1782	1.03	cps
Cadmium	111-1	1724	1756	1675	1718	2.39	cps
Calcium	43-1	228210	229070	228118	228466	0.23	cps
Calcium	44-1	3434112	3459682	3429033	3440942	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82470	82209	83610	82763	0.90	cps
Cobalt	59-2	66573	67055	66218	66616	0.63	cps
Copper	63-2	116741	114893	115186	115606	0.86	cps
Dysprosium	156-1	46885	48149	46062	47032	2.24	cps
Dysprosium	156-2	35923	36287	37062	36424	1.60	cps
Erbium	164-1	38526	38994	39389	38970	1.11	cps
Erbium	164-2	25917	25921	25770	25870	0.33	cps
Gadolinium	160-1	43982	44748	44704	44478	0.97	cps
Gadolinium	160-2	30734	30837	30142	30571	1.23	cps
Holmium	165-1	4181355	4252383	4135680	4189806	1.40	cps
Holmium	165-2	2789584	2819589	2846487	2818554	1.01	cps
Indium	115-1	3053818	3028580	3073671	3052023	0.74	cps
Indium	115-2	933260	930628	936360	933416	0.31	cps
Iron	56-2	95322912	95921389	96222299	95822200	0.48	cps
Iron	57-2	2353769	2389911	2388071	2377250	0.86	cps
Iron	54-2	5223460	5200579	5224311	5216117	0.26	cps
Krypton	83-1	100	140	77	106	30.34	cps

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5H2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:13:39	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	118255	120958	119230	119481	1.15	cps
Lead	207-1	99403	98618	98007	98676	0.71	cps
Lead	208-1	457131	461783	457657	458857	0.56	cps
Lithium	6-1	746317	751633	748251	748734	0.36	cps
Magnesium	24-2	2932375	2912830	2927964	2924390	0.35	cps
Manganese	55-2	1823258	1810863	1813312	1815811	0.36	cps
Molybdenum	94-1	32653	32513	32787	32651	0.42	cps
Molybdenum	95-1	1843	1767	1823	1811	2.20	cps
Molybdenum	96-1	8159	8262	8302	8241	0.90	cps
Molybdenum	97-1	1080	1267	1103	1150	8.84	cps
Molybdenum	98-1	2837	2837	2944	2873	2.14	cps
Neodymium	150-1	80950	80984	81359	81098	0.28	cps
Neodymium	150-2	44610	43570	44574	44251	1.33	cps
Nickel	60-2	26747	26680	26617	26682	0.24	cps
Phosphorus	31-2	14560	14477	15064	14701	2.16	cps
Potassium	39-2	1202390	1252902	1265308	1240200	2.69	cps
Rhodium	103-1	2646435	2627258	2610275	2627989	0.69	cps
Rhodium	103-2	1412632	1414634	1405093	1410786	0.36	cps
Scandium	45-1	1636699	1648892	1656213	1647268	0.60	cps
Scandium	45-2	141540	140867	141184	141197	0.24	cps
Selenium	82-1	206	148	221	192	20.22	cps
Selenium	77-2	137	110	87	111	22.52	cps
Selenium	78-2	147	173	153	158	8.80	cps
Silicon	28-1	16994006	17300909	17097036	17130651	0.91	cps
Silver	107-1	12242	12152	12132	12175	0.48	cps
Silver	109-1	11081	11204	11214	11167	0.67	cps
Sodium	23-2	96070	96647	95326	96014	0.69	cps
Strontium	86-1	177985	180998	181071	180018	0.98	cps
Strontium	88-1	1608617	1628171	1601104	1612630	0.87	cps
Sulfur	34-1	100233	101253	101585	101023	0.70	cps
Terbium	159-1	4312438	4280593	4338125	4310385	0.67	cps
Terbium	159-2	2762547	2761233	2712826	2745535	1.03	cps
Thallium	203-1	1213	1223	1100	1179	5.81	cps
Thallium	205-1	2717	2864	2900	2827	3.43	cps
Tin	118-1	7325	7149	7115	7196	1.57	cps
Titanium	47-1	310011	311572	309709	310430	0.32	cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5H2ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:13:39	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12616	12519	12146	12427	2.00	cps
Vanadium	51-2	150664	150208	150111	150328	0.20	cps
Yttrium	89-1	5496447	5474521	5524177	5498382	0.45	cps
Yttrium	89-2	1345114	1347092	1343893	1345366	0.12	cps
Zinc	66-2	48194	48542	48652	48463	0.49	cps
Zirconium	90-1	84803	85473	84327	84868	0.68	cps
Zirconium	91-1	18966	19406	18388	18920	2.70	cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2835-04A	Instrumnet Name :	P7
Client Sample ID :	MYD4A9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:16:54	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4306311	4277196	4245588	4276365	0.71	cps
Antimony	121-1	6558	6725	6612	6632	1.28	cps
Arsenic	75-2	23933	24100	24106	24046	0.41	cps
Barium	135-1	388666	391646	390471	390261	0.38	cps
Barium	137-1	672333	677102	672492	673976	0.40	cps
Beryllium	9-1	1193	1270	1203	1222	3.41	cps
Bismuth	209-1	2611136	2607889	2654196	2624407	0.98	cps
Bismuth	209-2	2008577	1980267	2010874	1999906	0.85	cps
Bromine	81-1	8156	8116	8079	8117	0.47	cps
Bromine	81-2	233	210	180	208	12.87	cps
Cadmium	108-1	207	240	200	216	9.94	cps
Cadmium	106-1	2014	1893	1880	1929	3.81	cps
Cadmium	111-1	3458	3084	3076	3206	6.81	cps
Calcium	43-1	254290	251450	252144	252628	0.59	cps
Calcium	44-1	3786184	3794586	3779592	3786788	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69921	69566	68334	69274	1.20	cps
Cobalt	59-2	113810	113115	112323	113083	0.66	cps
Copper	63-2	846781	843817	843239	844612	0.22	cps
Dysprosium	156-1	42521	42491	43581	42864	1.45	cps
Dysprosium	156-2	32444	32364	32461	32423	0.16	cps
Erbium	164-1	36250	37116	37082	36816	1.33	cps
Erbium	164-2	24074	24044	24148	24089	0.22	cps
Gadolinium	160-1	40157	41013	40729	40633	1.07	cps
Gadolinium	160-2	27410	26829	27677	27306	1.59	cps
Holmium	165-1	4140941	4212542	4229374	4194286	1.12	cps
Holmium	165-2	2773380	2753631	2777003	2768005	0.45	cps
Indium	115-1	3037703	3021488	3048542	3035911	0.45	cps
Indium	115-2	928907	930471	926437	928605	0.22	cps
Iron	56-2	132157048	132547781	131617448	132107426	0.35	cps
Iron	57-2	3265851	3263228	3261879	3263653	0.06	cps
Iron	54-2	7143599	7176641	7105612	7141951	0.50	cps
Krypton	83-1	117	120	133	123	7.15	cps

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LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2835-04A	Instrumnet Name :	P7
Client Sample ID :	MYD4A9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:16:54	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	377558	379634	376672	377955	0.40	cps
Lead	207-1	337305	337282	340080	338222	0.48	cps
Lead	208-1	1515609	1523359	1523792	1520920	0.30	cps
Lithium	6-1	742108	747649	745459	745072	0.37	cps
Magnesium	24-2	3037338	3041242	3005170	3027917	0.65	cps
Manganese	55-2	2372237	2363353	2308395	2347995	1.47	cps
Molybdenum	94-1	25579	25195	25342	25372	0.76	cps
Molybdenum	95-1	2830	2850	2950	2877	2.24	cps
Molybdenum	96-1	8289	8839	8836	8655	3.66	cps
Molybdenum	97-1	1800	1837	1800	1812	1.17	cps
Molybdenum	98-1	4494	4327	4447	4423	1.94	cps
Neodymium	150-1	68696	67889	67721	68102	0.77	cps
Neodymium	150-2	37222	37015	36958	37065	0.37	cps
Nickel	60-2	25241	25458	25492	25397	0.54	cps
Phosphorus	31-2	15007	15027	15104	15046	0.34	cps
Potassium	39-2	1784015	1801715	1813783	1799837	0.83	cps
Rhodium	103-1	2665910	2649681	2652365	2655985	0.33	cps
Rhodium	103-2	1412088	1416806	1415078	1414657	0.17	cps
Scandium	45-1	1675744	1694258	1679872	1683291	0.58	cps
Scandium	45-2	140356	141934	140416	140902	0.63	cps
Selenium	82-1	230	244	164	213	20.08	cps
Selenium	77-2	80	97	103	93	12.88	cps
Selenium	78-2	217	197	173	196	11.09	cps
Silicon	28-1	14102843	13971989	13938592	14004475	0.62	cps
Silver	107-1	3344	3317	3267	3309	1.18	cps
Silver	109-1	3217	3040	3007	3088	3.66	cps
Sodium	23-2	83461	84949	84624	84345	0.93	cps
Strontium	86-1	98208	98698	97429	98112	0.65	cps
Strontium	88-1	857360	855318	858568	857082	0.19	cps
Sulfur	34-1	134657	134035	133281	133991	0.51	cps
Terbium	159-1	4253892	4290094	4329263	4291083	0.88	cps
Terbium	159-2	2744784	2708958	2745779	2733174	0.77	cps
Thallium	203-1	1650	1610	1653	1638	1.47	cps
Thallium	205-1	3967	4144	4181	4097	2.78	cps
Tin	118-1	10297	10277	10160	10245	0.72	cps
Titanium	47-1	812814	814250	818783	815282	0.38	cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2835-04A	Instrumnet Name :	P7
Client Sample ID :	MYD4A9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:16:54	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12656	12489	12683	12609	0.83	cps
Vanadium	51-2	219273	218888	216207	218123	0.77	cps
Yttrium	89-1	5360244	5426072	5432071	5406129	0.74	cps
Yttrium	89-2	1329565	1329310	1325013	1327963	0.19	cps
Zinc	66-2	343344	343415	343712	343490	0.06	cps
Zirconium	90-1	62402	63744	63965	63370	1.34	cps
Zirconium	91-1	14274	14130	14234	14213	0.52	cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2816-01A	Instrumnet Name :	P7
Client Sample ID :	MYD4J8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:20:11	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3506744	3545977	3497851	3516858	0.73	cps
Antimony	121-1	24514	24698	24501	24571	0.45	cps
Arsenic	75-2	40121	39252	40264	39879	1.37	cps
Barium	135-1	290385	285155	287844	287795	0.91	cps
Barium	137-1	491984	503119	489076	494727	1.50	cps
Beryllium	9-1	997	1007	1067	1023	3.70	cps
Bismuth	209-1	2595554	2574186	2699087	2622942	2.55	cps
Bismuth	209-2	2004624	1995987	1975399	1992004	0.75	cps
Bromine	81-1	7525	7709	7886	7707	2.34	cps
Bromine	81-2	160	157	163	160	2.08	cps
Cadmium	108-1	313	277	280	290	6.99	cps
Cadmium	106-1	2064	2110	1930	2035	4.59	cps
Cadmium	111-1	5026	4757	4782	4855	3.05	cps
Calcium	43-1	159417	158542	162984	160314	1.47	cps
Calcium	44-1	2416743	2393239	2451702	2420562	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57031	58064	57676	57590	0.91	cps
Cobalt	59-2	71529	71676	71770	71659	0.17	cps
Copper	63-2	166400	166653	165372	166142	0.41	cps
Dysprosium	156-1	34743	34629	34382	34585	0.53	cps
Dysprosium	156-2	26582	25627	26602	26270	2.12	cps
Erbium	164-1	30106	30119	30587	30271	0.90	cps
Erbium	164-2	19841	19464	19801	19702	1.05	cps
Gadolinium	160-1	32300	33076	33310	32895	1.61	cps
Gadolinium	160-2	22431	22511	22321	22421	0.43	cps
Holmium	165-1	4290071	4156611	4056473	4167718	2.81	cps
Holmium	165-2	2750200	2732548	2712245	2731664	0.70	cps
Indium	115-1	3047218	2952814	2956440	2985491	1.79	cps
Indium	115-2	913986	917327	907290	912868	0.56	cps
Iron	56-2	110215975	110219778	110507198	110314317	0.15	cps
Iron	57-2	2724990	2683619	2715544	2708051	0.80	cps
Iron	54-2	6026432	5957867	5993207	5992502	0.57	cps
Krypton	83-1	127	127	97	117	14.85	cps

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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2816-01A	Instrumnet Name :	P7
Client Sample ID :	MYD4J8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:20:11	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	505360	499383	511340	505361	1.18	cps
Lead	207-1	437025	448354	433358	439579	1.78	cps
Lead	208-1	1994058	2006290	2014736	2005028	0.52	cps
Lithium	6-1	728053	725702	728325	727360	0.20	cps
Magnesium	24-2	2177426	2165454	2134731	2159204	1.02	cps
Manganese	55-2	1746007	1732621	1700701	1726443	1.35	cps
Molybdenum	94-1	23175	23729	24073	23659	1.92	cps
Molybdenum	95-1	1920	1887	1847	1885	1.95	cps
Molybdenum	96-1	6962	7292	7135	7130	2.32	cps
Molybdenum	97-1	1157	1217	1213	1196	2.82	cps
Molybdenum	98-1	2897	2744	2910	2850	3.25	cps
Neodymium	150-1	54491	55097	56001	55196	1.38	cps
Neodymium	150-2	30336	30316	31054	30569	1.38	cps
Nickel	60-2	18825	18114	18562	18500	1.94	cps
Phosphorus	31-2	9446	9613	9486	9515	0.91	cps
Potassium	39-2	1074088	1072853	1065989	1070977	0.41	cps
Rhodium	103-1	2623714	2619925	2595906	2613182	0.58	cps
Rhodium	103-2	1383984	1385645	1373728	1381119	0.47	cps
Scandium	45-1	1617663	1604310	1625959	1615978	0.68	cps
Scandium	45-2	136683	137839	136377	136966	0.56	cps
Selenium	82-1	836	888	937	887	5.66	cps
Selenium	77-2	107	130	97	111	15.39	cps
Selenium	78-2	413	390	387	397	3.66	cps
Silicon	28-1	16126987	16088457	16047889	16087778	0.25	cps
Silver	107-1	1433	1283	1520	1412	8.48	cps
Silver	109-1	1437	1297	1250	1328	7.32	cps
Sodium	23-2	62389	62593	62252	62411	0.28	cps
Strontium	86-1	82194	82057	80847	81699	0.91	cps
Strontium	88-1	706522	712425	717297	712081	0.76	cps
Sulfur	34-1	104528	101990	102803	103107	1.26	cps
Terbium	159-1	4163556	4246381	4238044	4215994	1.08	cps
Terbium	159-2	2688322	2648590	2673131	2670014	0.75	cps
Thallium	203-1	9867	9904	9687	9819	1.18	cps
Thallium	205-1	22949	23333	23651	23311	1.51	cps
Tin	118-1	5631	5484	5588	5568	1.35	cps
Titanium	47-1	640691	640762	637830	639761	0.26	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2816-01A	Instrumnet Name :	P7
Client Sample ID :	MYD4J8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 15:20:11	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10638	10875	10778	10763	1.11	cps
Vanadium	51-2	208311	206381	204465	206386	0.93	cps
Yttrium	89-1	5197925	5213331	5375340	5262199	1.87	cps
Yttrium	89-2	1280013	1283006	1275368	1279462	0.30	cps
Zinc	66-2	53566	54024	53509	53699	0.53	cps
Zirconium	90-1	62318	61802	62097	62073	0.42	cps
Zirconium	91-1	13907	14037	13563	13836	1.77	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:23:28	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	856460	855332	851021	854271	0.34	cps
Antimony	121-1	1197	1343	1187	1242	7.06	cps
Arsenic	75-2	3924	4001	4137	4021	2.69	cps
Barium	135-1	85119	84334	85541	84998	0.72	cps
Barium	137-1	145956	145896	147118	146323	0.47	cps
Beryllium	9-1	407	297	310	338	17.77	cps
Bismuth	209-1	2632621	2603588	2571552	2602587	1.17	cps
Bismuth	209-2	1995188	1890655	1781840	1889228	5.65	cps
Bromine	81-1	7595	7118	7299	7337	3.28	cps
Bromine	81-2	83	100	50	78	32.73	cps
Cadmium	108-1	40	43	33	39	13.09	cps
Cadmium	106-1	1490	1510	1360	1453	5.60	cps
Cadmium	111-1	1398	1370	1265	1345	5.21	cps
Calcium	43-1	41604	41336	41403	41448	0.34	cps
Calcium	44-1	674641	674562	674551	674585	0.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13616	13863	13546	13675	1.22	cps
Cobalt	59-2	18044	18061	18064	18057	0.06	cps
Copper	63-2	55001	55797	55643	55480	0.76	cps
Dysprosium	156-1	10154	9987	10357	10166	1.82	cps
Dysprosium	156-2	8142	7709	7789	7880	2.93	cps
Erbium	164-1	9373	9280	9467	9373	1.00	cps
Erbium	164-2	6018	6321	6211	6184	2.48	cps
Gadolinium	160-1	9954	9423	10367	9915	4.77	cps
Gadolinium	160-2	6992	7072	6905	6990	1.19	cps
Holmium	165-1	4010455	4044349	3942305	3999036	1.30	cps
Holmium	165-2	2694669	2591176	2479906	2588584	4.15	cps
Indium	115-1	2982990	2905380	2976075	2954815	1.45	cps
Indium	115-2	909430	858661	817176	861756	5.36	cps
Iron	56-2	28033481	27597368	27561762	27730870	0.95	cps
Iron	57-2	713100	707214	710332	710215	0.41	cps
Iron	54-2	1499391	1511928	1494181	1501833	0.61	cps
Krypton	83-1	67	80	80	76	10.19	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:23:28	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	62422	63206	63377	63002	0.81	cps
Lead	207-1	55509	55356	55245	55370	0.24	cps
Lead	208-1	249781	249984	250758	250174	0.21	cps
Lithium	6-1	718730	708638	711074	712814	0.74	cps
Magnesium	24-2	591030	588773	583566	587790	0.65	cps
Manganese	55-2	477267	474556	475384	475735	0.29	cps
Molybdenum	94-1	5424	5321	5311	5352	1.17	cps
Molybdenum	95-1	497	520	447	488	7.68	cps
Molybdenum	96-1	1753	1850	1797	1800	2.69	cps
Molybdenum	97-1	300	353	303	319	9.37	cps
Molybdenum	98-1	780	737	937	818	12.87	cps
Neodymium	150-1	16470	16496	16727	16564	0.85	cps
Neodymium	150-2	9260	8876	8966	9034	2.22	cps
Nickel	60-2	5188	5124	5161	5158	0.62	cps
Phosphorus	31-2	2904	3060	3020	2995	2.72	cps
Potassium	39-2	370671	368693	368253	369206	0.35	cps
Rhodium	103-1	2561114	2575571	2557956	2564880	0.37	cps
Rhodium	103-2	1390792	1310365	1243611	1314923	5.60	cps
Scandium	45-1	1530333	1492715	1493238	1505429	1.43	cps
Scandium	45-2	129061	120289	113916	121089	6.28	cps
Selenium	82-1	128	115	116	120	6.14	cps
Selenium	77-2	20	7	0	9	114.55	cps
Selenium	78-2	113	70	143	109	33.86	cps
Silicon	28-1	4010172	4038676	4018785	4022544	0.36	cps
Silver	107-1	553	557	530	547	2.66	cps
Silver	109-1	553	527	613	564	7.86	cps
Sodium	23-2	28015	28326	28323	28221	0.63	cps
Strontium	86-1	24530	25402	24918	24950	1.75	cps
Strontium	88-1	217244	218559	217325	217710	0.34	cps
Sulfur	34-1	94802	94245	94812	94619	0.34	cps
Terbium	159-1	4122828	4116970	4133794	4124531	0.21	cps
Terbium	159-2	2707854	2459111	2349584	2505516	7.33	cps
Thallium	203-1	327	343	330	333	2.65	cps
Thallium	205-1	813	857	847	839	2.70	cps
Tin	118-1	2567	2570	2654	2597	1.89	cps
Titanium	47-1	141558	141914	142685	142052	0.41	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:23:28	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3277	3130	3300	3236	2.85	cps
Vanadium	51-2	47337	48310	47274	47640	1.22	cps
Yttrium	89-1	4885514	4895442	4864745	4881900	0.32	cps
Yttrium	89-2	1202174	1135486	1076201	1137954	5.54	cps
Zinc	66-2	19222	19490	19823	19512	1.54	cps
Zirconium	90-1	13526	13580	13800	13635	1.06	cps
Zirconium	91-1	3080	3114	3064	3086	0.83	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:26:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	890215	888289	891732	890079	0.19	cps
Antimony	121-1	1193	1280	1133	1202	6.13	cps
Arsenic	75-2	4251	4061	4114	4142	2.37	cps
Barium	135-1	88677	89344	88892	88971	0.38	cps
Barium	137-1	152643	153390	154902	153645	0.75	cps
Beryllium	9-1	367	317	360	348	7.81	cps
Bismuth	209-1	2561957	2593883	2589117	2581652	0.67	cps
Bismuth	209-2	1954606	1959794	1973840	1962747	0.51	cps
Bromine	81-1	7088	6982	6788	6953	2.19	cps
Bromine	81-2	73	77	67	72	7.05	cps
Cadmium	108-1	30	63	37	43	40.70	cps
Cadmium	106-1	1443	1487	1597	1509	5.24	cps
Cadmium	111-1	1336	1323	1409	1356	3.41	cps
Calcium	43-1	42930	42894	43525	43117	0.82	cps
Calcium	44-1	691960	694392	695233	693862	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14434	15028	14684	14715	2.03	cps
Cobalt	59-2	18498	18869	18819	18728	1.07	cps
Copper	63-2	58102	58266	57697	58022	0.50	cps
Dysprosium	156-1	10281	10287	10254	10274	0.17	cps
Dysprosium	156-2	8076	8092	8072	8080	0.13	cps
Erbium	164-1	9226	9236	9487	9317	1.58	cps
Erbium	164-2	6311	6488	6215	6338	2.19	cps
Gadolinium	160-1	9980	10107	9617	9901	2.57	cps
Gadolinium	160-2	7065	6808	6595	6823	3.45	cps
Holmium	165-1	3992326	4011484	4050030	4017947	0.73	cps
Holmium	165-2	2713313	2733577	2674196	2707029	1.12	cps
Indium	115-1	2915414	2932809	2939292	2929172	0.42	cps
Indium	115-2	899606	905532	902700	902613	0.33	cps
Iron	56-2	28363467	28503484	28598615	28488522	0.42	cps
Iron	57-2	729161	730604	732550	730772	0.23	cps
Iron	54-2	1545507	1562625	1573124	1560418	0.89	cps
Krypton	83-1	90	80	63	78	17.32	cps

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On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:26:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	64170	64181	65373	64575	1.07	cps
Lead	207-1	56778	56410	56631	56606	0.33	cps
Lead	208-1	256069	257917	259386	257791	0.64	cps
Lithium	6-1	709518	710692	711605	710605	0.15	cps
Magnesium	24-2	608569	605498	609316	607794	0.33	cps
Manganese	55-2	494072	492513	495007	493864	0.26	cps
Molybdenum	94-1	5614	5704	5708	5676	0.93	cps
Molybdenum	95-1	557	543	487	529	7.03	cps
Molybdenum	96-1	1847	1923	1920	1897	2.28	cps
Molybdenum	97-1	307	373	330	337	10.05	cps
Molybdenum	98-1	847	1040	750	879	16.80	cps
Neodymium	150-1	16603	17084	16727	16805	1.49	cps
Neodymium	150-2	8953	9303	9160	9139	1.93	cps
Nickel	60-2	5251	5458	5114	5274	3.28	cps
Phosphorus	31-2	2927	3027	3017	2990	1.84	cps
Potassium	39-2	383546	385956	386050	385184	0.37	cps
Rhodium	103-1	2566272	2566184	2562447	2564968	0.09	cps
Rhodium	103-2	1375339	1370706	1372010	1372685	0.17	cps
Scandium	45-1	1528449	1506715	1504501	1513222	0.87	cps
Scandium	45-2	128166	127749	125955	127290	0.92	cps
Selenium	82-1	120	81	155	119	31.52	cps
Selenium	77-2	17	3	23	14	70.51	cps
Selenium	78-2	113	110	110	111	1.73	cps
Silicon	28-1	4046275	4074699	4093551	4071508	0.58	cps
Silver	107-1	563	577	623	588	5.36	cps
Silver	109-1	510	527	520	519	1.62	cps
Sodium	23-2	28233	27962	28025	28073	0.50	cps
Strontium	86-1	25339	25753	26380	25824	2.03	cps
Strontium	88-1	224495	227089	224091	225225	0.72	cps
Sulfur	34-1	94235	92873	94171	93760	0.82	cps
Terbium	159-1	4068037	4079528	4097442	4081669	0.36	cps
Terbium	159-2	2618678	2624762	2617307	2620249	0.15	cps
Thallium	203-1	377	340	333	350	6.67	cps
Thallium	205-1	833	780	850	821	4.45	cps
Tin	118-1	2500	2687	2430	2539	5.23	cps
Titanium	47-1	145632	147510	147631	146925	0.76	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:26:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3150	3204	3220	3192	1.15	cps
Vanadium	51-2	48374	49113	48227	48571	0.98	cps
Yttrium	89-1	4859431	4876189	4840064	4858561	0.37	cps
Yttrium	89-2	1194832	1200437	1192068	1195779	0.36	cps
Zinc	66-2	20441	20170	19907	20173	1.32	cps
Zirconium	90-1	14357	14270	14697	14442	1.56	cps
Zirconium	91-1	3240	2977	3154	3124	4.30	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD536L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 15:30:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172146	171522	170768	171479	0.40	cps
Antimony	121-1	260	240	240	247	4.68	cps
Arsenic	75-2	763	780	737	760	2.88	cps
Barium	135-1	17000	16700	16733	16811	0.98	cps
Barium	137-1	29036	29200	28348	28862	1.57	cps
Beryllium	9-1	100	100	150	117	24.74	cps
Bismuth	209-1	2594049	2562007	2618295	2591450	1.09	cps
Bismuth	209-2	1995207	1991151	2025223	2003860	0.93	cps
Bromine	81-1	6795	6998	7028	6941	1.83	cps
Bromine	81-2	37	43	43	41	9.35	cps
Cadmium	108-1	7	3	0	3	100.05	cps
Cadmium	106-1	1420	1437	1350	1402	3.28	cps
Cadmium	111-1	1056	1080	1012	1049	3.30	cps
Calcium	43-1	8242	8296	8296	8278	0.37	cps
Calcium	44-1	133938	135266	136181	135128	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2970	3037	2927	2978	1.86	cps
Cobalt	59-2	3657	3537	3560	3585	1.78	cps
Copper	63-2	11635	11461	11605	11567	0.80	cps
Dysprosium	156-1	1990	2204	1983	2059	6.08	cps
Dysprosium	156-2	1500	1580	1557	1546	2.66	cps
Erbium	164-1	1750	1610	1877	1746	7.64	cps
Erbium	164-2	1133	1117	1203	1151	4.00	cps
Gadolinium	160-1	1987	1857	2003	1949	4.12	cps
Gadolinium	160-2	1370	1447	1387	1401	2.88	cps
Holmium	165-1	4013581	4017527	4059485	4030198	0.63	cps
Holmium	165-2	2715353	2669887	2726505	2703915	1.11	cps
Indium	115-1	2909438	2945989	2906637	2920688	0.75	cps
Indium	115-2	906054	903370	903668	904364	0.16	cps
Iron	56-2	5491427	5475373	5423007	5463269	0.65	cps
Iron	57-2	142228	141330	140570	141376	0.59	cps
Iron	54-2	313293	308512	311303	311036	0.77	cps
Krypton	83-1	87	80	50	72	27.04	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD536L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 15:30:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12302	12599	12566	12489	1.30	cps
Lead	207-1	11251	11075	11068	11131	0.93	cps
Lead	208-1	49545	50213	50173	49977	0.75	cps
Lithium	6-1	708369	707438	710484	708764	0.22	cps
Magnesium	24-2	118286	117803	117121	117737	0.50	cps
Manganese	55-2	95607	94769	94702	95026	0.53	cps
Molybdenum	94-1	1047	1203	1203	1151	7.86	cps
Molybdenum	95-1	123	120	113	119	4.29	cps
Molybdenum	96-1	373	417	433	408	7.60	cps
Molybdenum	97-1	50	57	97	68	37.24	cps
Molybdenum	98-1	187	183	220	197	10.31	cps
Neodymium	150-1	3230	3214	3114	3186	1.98	cps
Neodymium	150-2	1693	1813	1783	1763	3.54	cps
Nickel	60-2	983	1010	1040	1011	2.80	cps
Phosphorus	31-2	673	680	717	690	3.38	cps
Potassium	39-2	96540	96221	96493	96418	0.18	cps
Rhodium	103-1	2543060	2556271	2561763	2553698	0.38	cps
Rhodium	103-2	1389022	1374555	1383332	1382303	0.53	cps
Scandium	45-1	1477410	1455553	1473673	1468879	0.80	cps
Scandium	45-2	126233	124916	126041	125730	0.57	cps
Selenium	82-1	75	105	175	118	43.19	cps
Selenium	77-2	7	10	10	9	21.63	cps
Selenium	78-2	103	77	73	84	19.47	cps
Silicon	28-1	888558	894534	898596	893896	0.56	cps
Silver	107-1	103	133	117	118	12.76	cps
Silver	109-1	120	110	113	114	4.45	cps
Sodium	23-2	14807	14857	14590	14752	0.96	cps
Strontium	86-1	5011	5068	5048	5042	0.57	cps
Strontium	88-1	42267	44427	42591	43095	2.70	cps
Sulfur	34-1	93161	93356	92360	92959	0.57	cps
Terbium	159-1	4103225	4055682	3982808	4047238	1.50	cps
Terbium	159-2	2619241	2626865	2581312	2609139	0.94	cps
Thallium	203-1	107	120	133	120	11.11	cps
Thallium	205-1	287	260	313	287	9.30	cps
Tin	118-1	1237	1280	1524	1347	11.48	cps
Titanium	47-1	27919	28236	28327	28161	0.76	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD536L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 15:30:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	740	637	583	653	12.19	cps
Vanadium	51-2	9413	9446	9446	9435	0.20	cps
Yttrium	89-1	4764096	4660041	4751609	4725249	1.20	cps
Yttrium	89-2	1168639	1170708	1174735	1171361	0.26	cps
Zinc	66-2	3981	3891	3964	3945	1.21	cps
Zirconium	90-1	2780	2780	3030	2864	5.04	cps
Zirconium	91-1	597	687	557	613	10.86	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:33:36	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4338953	4307292	4310138	4318794	0.41	cps
Antimony	121-1	323662	327612	323713	324996	0.70	cps
Arsenic	75-2	25018	24487	24891	24799	1.12	cps
Barium	135-1	2252034	2293175	2301052	2282087	1.15	cps
Barium	137-1	3872401	3927933	3911775	3904036	0.73	cps
Beryllium	9-1	31138	31929	32227	31765	1.77	cps
Bismuth	209-1	2520364	2547570	2560575	2542836	0.81	cps
Bismuth	209-2	1775198	1812618	1954701	1847506	5.13	cps
Bromine	81-1	7459	7462	7482	7468	0.17	cps
Bromine	81-2	223	197	203	208	6.68	cps
Cadmium	108-1	2687	2660	2897	2748	4.72	cps
Cadmium	106-1	5584	5624	5061	5423	5.80	cps
Cadmium	111-1	42020	43116	41898	42345	1.58	cps
Calcium	43-1	209708	211533	210546	210596	0.43	cps
Calcium	44-1	3232829	3169801	3179783	3194138	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	288253	285802	287246	287100	0.43	cps
Cobalt	59-2	893024	893507	882324	889619	0.71	cps
Copper	63-2	540318	541409	538181	539970	0.30	cps
Dysprosium	156-1	52220	52170	53006	52465	0.89	cps
Dysprosium	156-2	39562	39445	39713	39573	0.34	cps
Erbium	164-1	46664	46778	46859	46767	0.21	cps
Erbium	164-2	31496	31071	31098	31222	0.76	cps
Gadolinium	160-1	49183	49975	50537	49898	1.36	cps
Gadolinium	160-2	33884	34543	34048	34158	1.00	cps
Holmium	165-1	4073306	4088232	4104569	4088702	0.38	cps
Holmium	165-2	2459184	2524061	2718670	2567305	5.26	cps
Indium	115-1	2902308	2925255	2912248	2913270	0.40	cps
Indium	115-2	818564	825102	894016	845894	4.94	cps
Iron	56-2	140199955	139067871	138039851	139102559	0.78	cps
Iron	57-2	3385517	3413977	3384582	3394692	0.49	cps
Iron	54-2	7616282	7496297	7543229	7551936	0.80	cps
Krypton	83-1	140	127	113	127	10.53	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:33:36	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	363951	369928	368785	367555	0.86	cps
Lead	207-1	319265	325473	326890	323876	1.25	cps
Lead	208-1	1447495	1472205	1477344	1465681	1.09	cps
Lithium	6-1	717910	712203	716715	715609	0.42	cps
Magnesium	24-2	2889849	2844681	2843900	2859477	0.92	cps
Manganese	55-2	2835619	2791060	2783755	2803478	1.00	cps
Molybdenum	94-1	26768	27272	27870	27303	2.02	cps
Molybdenum	95-1	2764	2577	2450	2597	6.07	cps
Molybdenum	96-1	9143	8793	8729	8888	2.51	cps
Molybdenum	97-1	1520	1620	1617	1586	3.58	cps
Molybdenum	98-1	4184	4177	4181	4181	0.08	cps
Neodymium	150-1	83629	84944	85376	84650	1.08	cps
Neodymium	150-2	46496	45587	46185	46090	1.00	cps
Nickel	60-2	223247	224058	222346	223217	0.38	cps
Phosphorus	31-2	14507	14343	14637	14496	1.01	cps
Potassium	39-2	1632636	1662317	1635926	1643626	0.99	cps
Rhodium	103-1	2470354	2512602	2499706	2494221	0.87	cps
Rhodium	103-2	1238114	1254496	1357780	1283463	5.05	cps
Scandium	45-1	1619891	1578545	1608874	1602437	1.34	cps
Scandium	45-2	127523	126181	136380	130028	4.26	cps
Selenium	82-1	5928	5851	5824	5868	0.92	cps
Selenium	77-2	633	603	603	613	2.82	cps
Selenium	78-2	1870	2057	1890	1939	5.29	cps
Silicon	28-1	19427403	19293177	19209185	19309922	0.57	cps
Silver	107-1	186076	187805	187886	187256	0.55	cps
Silver	109-1	176140	177522	178967	177543	0.80	cps
Sodium	23-2	78974	77557	80676	79069	1.98	cps
Strontium	86-1	124528	126141	125294	125321	0.64	cps
Strontium	88-1	1101147	1109302	1108083	1106177	0.40	cps
Sulfur	34-1	98444	95496	94225	96055	2.25	cps
Terbium	159-1	4078796	4086063	4159462	4108107	1.09	cps
Terbium	159-2	2403832	2460940	2667141	2510638	5.52	cps
Thallium	203-1	159772	162303	161289	161121	0.79	cps
Thallium	205-1	381181	384101	389213	384831	1.06	cps
Tin	118-1	8166	8126	8172	8155	0.31	cps
Titanium	47-1	720367	725368	719469	721734	0.44	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:33:36	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16697	16731	17041	16823	1.13	cps
Vanadium	51-2	728335	723433	722451	724740	0.43	cps
Yttrium	89-1	5334275	5365233	5316522	5338677	0.46	cps
Yttrium	89-2	1214659	1227946	1313374	1251993	4.28	cps
Zinc	66-2	188612	187151	186519	187427	0.57	cps
Zirconium	90-1	69286	70558	70063	69969	0.92	cps
Zirconium	91-1	15575	15969	16166	15903	1.89	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:36:50	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4487049	4498352	4554281	4513228	0.80	cps
Antimony	121-1	1618408	1650255	1638338	1635667	0.98	cps
Arsenic	75-2	43203	43821	43781	43602	0.79	cps
Barium	135-1	9043543	9153356	9126547	9107815	0.63	cps
Barium	137-1	15576882	15762127	15661802	15666937	0.59	cps
Beryllium	9-1	142865	143733	142025	142874	0.60	cps
Bismuth	209-1	2548284	2561791	2583269	2564448	0.69	cps
Bismuth	209-2	1984514	1939954	1873576	1932682	2.89	cps
Bromine	81-1	7182	7332	7495	7336	2.14	cps
Bromine	81-2	223	230	207	220	5.46	cps
Cadmium	108-1	12509	13229	12822	12854	2.81	cps
Cadmium	106-1	18705	19226	18789	18907	1.48	cps
Cadmium	111-1	196682	195866	194557	195702	0.55	cps
Calcium	43-1	197005	196758	197852	197205	0.29	cps
Calcium	44-1	2950350	2971328	3011001	2977559	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1092255	1096789	1080788	1089944	0.76	cps
Cobalt	59-2	3969747	3917976	3936917	3941547	0.66	cps
Copper	63-2	1533532	1526675	1527314	1529173	0.25	cps
Dysprosium	156-1	50069	50109	49694	49957	0.46	cps
Dysprosium	156-2	38763	37891	38325	38327	1.14	cps
Erbium	164-1	45015	45183	44567	44922	0.71	cps
Erbium	164-2	29033	29986	29324	29448	1.66	cps
Gadolinium	160-1	47296	48189	47584	47690	0.96	cps
Gadolinium	160-2	32875	32511	32464	32617	0.69	cps
Holmium	165-1	4051154	4048219	4034169	4044514	0.22	cps
Holmium	165-2	2728068	2657878	2624441	2670129	1.98	cps
Indium	115-1	2888697	2857803	2882849	2876450	0.57	cps
Indium	115-2	872660	875523	869560	872581	0.34	cps
Iron	56-2	134872815	135745741	134267078	134961878	0.55	cps
Iron	57-2	3306639	3359403	3308448	3324830	0.90	cps
Iron	54-2	7373133	7309907	7214446	7299162	1.09	cps
Krypton	83-1	113	153	160	142	17.74	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:36:50	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	558475	561506	561167	560382	0.30	cps
Lead	207-1	485736	488555	490418	488236	0.48	cps
Lead	208-1	2211041	2225600	2242482	2226374	0.71	cps
Lithium	6-1	698370	696293	695994	696886	0.19	cps
Magnesium	24-2	2656630	2688265	2663800	2669565	0.62	cps
Manganese	55-2	4219169	4206169	4189190	4204843	0.36	cps
Molybdenum	94-1	25789	26217	26367	26124	1.15	cps
Molybdenum	95-1	2497	2540	2327	2455	4.59	cps
Molybdenum	96-1	8513	8479	8382	8458	0.80	cps
Molybdenum	97-1	1410	1510	1477	1466	3.47	cps
Molybdenum	98-1	3811	3871	3874	3852	0.93	cps
Neodymium	150-1	82701	81242	80692	81545	1.27	cps
Neodymium	150-2	44199	44540	43383	44041	1.35	cps
Nickel	60-2	957245	959945	952223	956471	0.41	cps
Phosphorus	31-2	13336	13306	13109	13250	0.93	cps
Potassium	39-2	1544435	1530533	1532370	1535779	0.49	cps
Rhodium	103-1	2456089	2445387	2473512	2458329	0.58	cps
Rhodium	103-2	1328170	1323014	1314545	1321910	0.52	cps
Scandium	45-1	1567312	1553182	1556512	1559002	0.47	cps
Scandium	45-2	131373	132220	131497	131697	0.35	cps
Selenium	82-1	24552	24299	24470	24440	0.53	cps
Selenium	77-2	2124	2207	2414	2248	6.64	cps
Selenium	78-2	7642	7619	7702	7654	0.56	cps
Silicon	28-1	18307729	18050661	18249081	18202491	0.74	cps
Silver	107-1	880017	885610	882001	882542	0.32	cps
Silver	109-1	838549	846003	843379	842644	0.45	cps
Sodium	23-2	75065	75350	74690	75035	0.44	cps
Strontium	86-1	118683	119671	119779	119378	0.51	cps
Strontium	88-1	1048158	1049299	1040786	1046081	0.44	cps
Sulfur	34-1	93242	91985	92659	92629	0.68	cps
Terbium	159-1	4094156	4080261	4115674	4096697	0.44	cps
Terbium	159-2	2554761	2581969	2631623	2589451	1.51	cps
Thallium	203-1	784103	792801	801442	792782	1.09	cps
Thallium	205-1	2102522	2145097	2183682	2143767	1.89	cps
Tin	118-1	7729	7602	7529	7620	1.33	cps
Titanium	47-1	674507	677473	674348	675442	0.26	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2815-11MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD536SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:36:50	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15870	15759	16177	15935	1.36	cps
Vanadium	51-2	2460115	2469507	2482195	2470606	0.45	cps
Yttrium	89-1	5269067	5257640	5202213	5242973	0.68	cps
Yttrium	89-2	1275084	1277210	1270615	1274303	0.26	cps
Zinc	66-2	527034	526816	524696	526182	0.25	cps
Zirconium	90-1	65987	66841	66432	66420	0.64	cps
Zirconium	91-1	14451	14621	15155	14742	2.49	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:39:59	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1358459	1331417	1319847	1336575	1.48	cps
Antimony	121-1	1217	1197	1480	1298	12.18	cps
Arsenic	75-2	3134	3170	3157	3154	0.59	cps
Barium	135-1	94289	95702	94957	94983	0.74	cps
Barium	137-1	166367	167861	167565	167264	0.47	cps
Beryllium	9-1	427	430	370	409	8.25	cps
Bismuth	209-1	2465389	2512621	2521407	2499806	1.21	cps
Bismuth	209-2	1972549	1974689	1981473	1976237	0.24	cps
Bromine	81-1	6525	6225	6548	6433	2.80	cps
Bromine	81-2	30	37	33	33	10.01	cps
Cadmium	108-1	33	43	60	46	29.58	cps
Cadmium	106-1	1480	1440	1510	1477	2.38	cps
Cadmium	111-1	1169	1124	1145	1146	1.97	cps
Calcium	43-1	94706	95561	94153	94807	0.75	cps
Calcium	44-1	1436460	1436495	1428974	1433977	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22721	22851	22867	22813	0.35	cps
Cobalt	59-2	28177	27539	27719	27811	1.18	cps
Copper	63-2	39171	38951	38780	38967	0.50	cps
Dysprosium	156-1	10674	11008	10868	10850	1.54	cps
Dysprosium	156-2	8069	8443	8012	8175	2.86	cps
Erbium	164-1	9483	9320	9633	9479	1.65	cps
Erbium	164-2	6528	6442	6341	6437	1.45	cps
Gadolinium	160-1	10661	10401	10474	10512	1.28	cps
Gadolinium	160-2	7365	7379	7058	7267	2.49	cps
Holmium	165-1	3957746	3980107	4036647	3991500	1.02	cps
Holmium	165-2	2625318	2689980	2718536	2677945	1.78	cps
Indium	115-1	2856546	2857430	2912078	2875351	1.11	cps
Indium	115-2	891168	895654	892933	893252	0.25	cps
Iron	56-2	36134466	35823396	36303934	36087265	0.68	cps
Iron	57-2	925279	923896	924351	924509	0.08	cps
Iron	54-2	1961412	1964397	1928807	1951539	1.01	cps
Krypton	83-1	87	120	80	96	22.43	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:39:59	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25945	25885	26469	26100	1.23	cps
Lead	207-1	22375	22342	22793	22503	1.12	cps
Lead	208-1	102026	100804	102090	101640	0.71	cps
Lithium	6-1	685718	685335	683423	684825	0.18	cps
Magnesium	24-2	945656	946443	943267	945122	0.17	cps
Manganese	55-2	707796	707158	706497	707151	0.09	cps
Molybdenum	94-1	8286	8519	8613	8473	1.99	cps
Molybdenum	95-1	580	490	543	538	8.42	cps
Molybdenum	96-1	2464	2374	2454	2430	2.03	cps
Molybdenum	97-1	250	320	347	306	16.34	cps
Molybdenum	98-1	823	793	780	799	2.78	cps
Neodymium	150-1	17608	17431	17644	17561	0.65	cps
Neodymium	150-2	9690	9980	9537	9736	2.31	cps
Nickel	60-2	6972	6932	6992	6965	0.44	cps
Phosphorus	31-2	3560	3607	3204	3457	6.38	cps
Potassium	39-2	294210	294972	292416	293866	0.45	cps
Rhodium	103-1	2467511	2511023	2517357	2498630	1.09	cps
Rhodium	103-2	1348519	1351164	1354664	1351449	0.23	cps
Scandium	45-1	1435454	1473477	1499668	1469533	2.20	cps
Scandium	45-2	125766	126482	126596	126282	0.36	cps
Selenium	82-1	101	80	152	111	33.40	cps
Selenium	77-2	7	17	20	14	48.02	cps
Selenium	78-2	93	107	77	92	16.30	cps
Silicon	28-1	3912942	3914595	3929780	3919106	0.24	cps
Silver	107-1	393	370	333	366	8.27	cps
Silver	109-1	420	290	220	310	32.74	cps
Sodium	23-2	27705	27889	27508	27701	0.69	cps
Strontium	86-1	31403	32496	31861	31920	1.72	cps
Strontium	88-1	276918	276940	276841	276900	0.02	cps
Sulfur	34-1	87800	87700	91385	88961	2.36	cps
Terbium	159-1	3977288	4163987	4074853	4072043	2.29	cps
Terbium	159-2	2594249	2602098	2626452	2607600	0.64	cps
Thallium	203-1	457	537	427	473	12.01	cps
Thallium	205-1	1057	1050	1080	1062	1.48	cps
Tin	118-1	3267	3547	3520	3445	4.49	cps
Titanium	47-1	174881	175909	179133	176641	1.26	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:39:59	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3164	3310	2987	3154	5.13	cps
Vanadium	51-2	59055	58185	59423	58888	1.08	cps
Yttrium	89-1	4758358	4702198	4746718	4735758	0.63	cps
Yttrium	89-2	1179740	1183731	1179479	1180983	0.20	cps
Zinc	66-2	15478	15765	15311	15518	1.48	cps
Zirconium	90-1	21783	21906	22274	21988	1.16	cps
Zirconium	91-1	5014	5218	5084	5105	2.02	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:43:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1349403	1358276	1339169	1348949	0.71	cps
Antimony	121-1	777	810	853	813	4.73	cps
Arsenic	75-2	3307	3384	3247	3313	2.07	cps
Barium	135-1	93034	92226	94504	93255	1.24	cps
Barium	137-1	156816	160838	160413	159356	1.39	cps
Beryllium	9-1	437	450	413	433	4.28	cps
Bismuth	209-1	2540469	2496452	2535137	2524019	0.95	cps
Bismuth	209-2	1964276	1931887	1937674	1944612	0.89	cps
Bromine	81-1	5935	6328	6111	6125	3.22	cps
Bromine	81-2	57	63	60	60	5.55	cps
Cadmium	108-1	43	67	43	51	26.37	cps
Cadmium	106-1	1403	1453	1483	1447	2.79	cps
Cadmium	111-1	1075	1131	1155	1120	3.63	cps
Calcium	43-1	93066	93838	92486	93130	0.73	cps
Calcium	44-1	1414037	1414948	1402821	1410602	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22357	23034	22680	22690	1.49	cps
Cobalt	59-2	27709	27646	27415	27590	0.56	cps
Copper	63-2	40023	40080	39956	40020	0.15	cps
Dysprosium	156-1	10654	10778	10908	10780	1.18	cps
Dysprosium	156-2	8072	8606	7999	8226	4.03	cps
Erbium	164-1	9120	9433	9423	9325	1.91	cps
Erbium	164-2	6485	6268	6665	6473	3.07	cps
Gadolinium	160-1	9857	10564	10154	10192	3.48	cps
Gadolinium	160-2	7219	7279	7122	7206	1.10	cps
Holmium	165-1	3924728	3939026	4097611	3987122	2.41	cps
Holmium	165-2	2616247	2639673	2657096	2637672	0.78	cps
Indium	115-1	2900838	2857519	2902715	2887024	0.89	cps
Indium	115-2	888849	894534	890573	891319	0.33	cps
Iron	56-2	36418773	36501853	36073341	36331322	0.63	cps
Iron	57-2	927779	932524	931094	930466	0.26	cps
Iron	54-2	1988704	1974024	1962051	1974926	0.68	cps
Krypton	83-1	63	133	73	90	42.07	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:43:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25467	25237	26479	25728	2.57	cps
Lead	207-1	20856	22131	21924	21637	3.16	cps
Lead	208-1	98707	100505	100265	99826	0.98	cps
Lithium	6-1	709647	705457	713361	709488	0.56	cps
Magnesium	24-2	954820	961170	954448	956813	0.39	cps
Manganese	55-2	711986	712380	711110	711825	0.09	cps
Molybdenum	94-1	8406	8586	8513	8501	1.07	cps
Molybdenum	95-1	480	527	517	508	4.84	cps
Molybdenum	96-1	2294	2434	2364	2364	2.96	cps
Molybdenum	97-1	397	320	247	321	23.36	cps
Molybdenum	98-1	747	897	827	823	9.12	cps
Neodymium	150-1	17624	17501	17471	17532	0.46	cps
Neodymium	150-2	9537	9830	9767	9711	1.59	cps
Nickel	60-2	7152	6942	6998	7031	1.55	cps
Phosphorus	31-2	3650	3597	3934	3727	4.86	cps
Potassium	39-2	295341	298887	298451	297560	0.65	cps
Rhodium	103-1	2455177	2555166	2496583	2502309	2.01	cps
Rhodium	103-2	1350963	1357539	1349873	1352791	0.31	cps
Scandium	45-1	1502275	1487477	1504015	1497922	0.61	cps
Scandium	45-2	128314	128136	128395	128281	0.10	cps
Selenium	82-1	156	84	139	126	29.92	cps
Selenium	77-2	20	20	17	19	10.18	cps
Selenium	78-2	127	90	103	107	17.40	cps
Silicon	28-1	4007719	4086058	4021331	4038369	1.04	cps
Silver	107-1	220	237	250	236	6.38	cps
Silver	109-1	213	173	193	193	10.34	cps
Sodium	23-2	27368	27000	26757	27042	1.14	cps
Strontium	86-1	30782	31644	31233	31220	1.38	cps
Strontium	88-1	271068	274677	272546	272764	0.67	cps
Sulfur	34-1	97203	95472	97357	96678	1.08	cps
Terbium	159-1	3932899	4030727	3937330	3966985	1.39	cps
Terbium	159-2	2564450	2606116	2595413	2588660	0.84	cps
Thallium	203-1	373	417	340	377	10.21	cps
Thallium	205-1	947	913	920	927	1.90	cps
Tin	118-1	3120	3084	3157	3120	1.18	cps
Titanium	47-1	173717	176229	176159	175368	0.82	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:43:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3120	3007	3047	3058	1.88	cps
Vanadium	51-2	59172	59979	58275	59142	1.44	cps
Yttrium	89-1	4778214	4750550	4775948	4768237	0.32	cps
Yttrium	89-2	1178746	1190624	1183927	1184432	0.50	cps
Zinc	66-2	14100	14217	14183	14167	0.42	cps
Zirconium	90-1	22043	22454	22724	22407	1.53	cps
Zirconium	91-1	4664	4951	5028	4881	3.93	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD542L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 15:46:39	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	279293	277750	276866	277969	0.44	cps
Antimony	121-1	237	237	210	228	6.76	cps
Arsenic	75-2	617	693	540	617	12.43	cps
Barium	135-1	18549	18816	19300	18888	2.02	cps
Barium	137-1	32126	33202	32681	32670	1.65	cps
Beryllium	9-1	103	173	157	144	25.32	cps
Bismuth	209-1	2493249	2549529	2509802	2517527	1.15	cps
Bismuth	209-2	1939818	1947401	1963124	1950114	0.61	cps
Bromine	81-1	6425	6511	6478	6471	0.68	cps
Bromine	81-2	17	17	57	30	76.97	cps
Cadmium	108-1	7	3	7	6	34.70	cps
Cadmium	106-1	1363	1377	1380	1373	0.64	cps
Cadmium	111-1	966	991	1015	991	2.44	cps
Calcium	43-1	19583	19496	19573	19550	0.24	cps
Calcium	44-1	315851	317012	317476	316780	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4827	4564	4664	4685	2.84	cps
Cobalt	59-2	5781	5764	5674	5740	1.00	cps
Copper	63-2	10134	10317	10654	10368	2.55	cps
Dysprosium	156-1	2217	2334	2180	2244	3.57	cps
Dysprosium	156-2	1670	1673	1600	1648	2.51	cps
Erbium	164-1	2027	1890	2017	1978	3.85	cps
Erbium	164-2	1247	1267	1343	1286	3.97	cps
Gadolinium	160-1	2014	2050	2020	2028	0.96	cps
Gadolinium	160-2	1493	1660	1477	1543	6.57	cps
Holmium	165-1	3781928	3851965	3861439	3831777	1.13	cps
Holmium	165-2	2583761	2585991	2661709	2610487	1.70	cps
Indium	115-1	2783683	2933361	2844613	2853886	2.64	cps
Indium	115-2	880208	884189	882558	882318	0.23	cps
Iron	56-2	7251326	7281810	7270294	7267810	0.21	cps
Iron	57-2	188006	186120	186150	186759	0.58	cps
Iron	54-2	414565	412185	411640	412797	0.38	cps
Krypton	83-1	67	73	87	76	13.48	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD542L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 15:46:39	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5505	5414	5081	5333	4.18	cps
Lead	207-1	4601	4644	4574	4606	0.77	cps
Lead	208-1	21237	21494	20740	21157	1.81	cps
Lithium	6-1	687090	709819	704046	700318	1.69	cps
Magnesium	24-2	193980	193976	190878	192945	0.93	cps
Manganese	55-2	143480	143732	143140	143450	0.21	cps
Molybdenum	94-1	1747	1880	1750	1792	4.24	cps
Molybdenum	95-1	100	123	143	122	17.75	cps
Molybdenum	96-1	500	503	467	490	4.14	cps
Molybdenum	97-1	87	80	80	82	4.68	cps
Molybdenum	98-1	173	203	217	198	11.22	cps
Neodymium	150-1	3507	3530	3444	3494	1.28	cps
Neodymium	150-2	1923	1980	1833	1912	3.87	cps
Nickel	60-2	1550	1467	1550	1522	3.16	cps
Phosphorus	31-2	753	917	820	830	9.90	cps
Potassium	39-2	84107	84758	83407	84091	0.80	cps
Rhodium	103-1	2464739	2505531	2506163	2492144	0.95	cps
Rhodium	103-2	1329881	1347006	1339007	1338631	0.64	cps
Scandium	45-1	1425050	1484464	1473529	1461014	2.16	cps
Scandium	45-2	123868	124223	124294	124128	0.18	cps
Selenium	82-1	114	88	106	103	12.58	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	93	73	103	90	16.97	cps
Silicon	28-1	921076	930629	927329	926345	0.52	cps
Silver	107-1	57	113	80	83	34.18	cps
Silver	109-1	50	50	53	51	3.76	cps
Sodium	23-2	13990	14197	14317	14168	1.17	cps
Strontium	86-1	6488	6295	6765	6516	3.63	cps
Strontium	88-1	55314	55742	56879	55978	1.45	cps
Sulfur	34-1	96505	97810	97488	97268	0.70	cps
Terbium	159-1	3827372	3988028	3987540	3934313	2.35	cps
Terbium	159-2	2510823	2575810	2521570	2536067	1.37	cps
Thallium	203-1	167	127	147	147	13.64	cps
Thallium	205-1	327	307	313	316	3.23	cps
Tin	118-1	1497	1470	1247	1405	9.78	cps
Titanium	47-1	35769	35716	36283	35923	0.87	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD542L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 15:46:39	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	663	547	617	609	9.64	cps
Vanadium	51-2	11685	11961	11815	11820	1.17	cps
Yttrium	89-1	4558936	4751413	4671550	4660633	2.07	cps
Yttrium	89-2	1139421	1148431	1139110	1142321	0.46	cps
Zinc	66-2	3204	3300	3297	3267	1.68	cps
Zirconium	90-1	4597	4687	4591	4625	1.17	cps
Zirconium	91-1	1050	1133	1060	1081	4.21	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:50:01	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6786462	6883790	6784583	6818278	0.83	cps
Antimony	121-1	160807	160932	161233	160991	0.14	cps
Arsenic	75-2	18966	18635	18535	18712	1.20	cps
Barium	135-1	1285124	1306023	1295423	1295523	0.81	cps
Barium	137-1	2386191	2426593	2371224	2394669	1.20	cps
Beryllium	9-1	17376	16752	17360	17163	2.07	cps
Bismuth	209-1	2460153	2441143	2427643	2442980	0.67	cps
Bismuth	209-2	1886520	1897009	1863590	1882373	0.91	cps
Bromine	81-1	6545	6475	6532	6517	0.57	cps
Bromine	81-2	133	97	153	128	22.49	cps
Cadmium	108-1	1470	1473	1527	1490	2.13	cps
Cadmium	106-1	3674	3874	3674	3741	3.09	cps
Cadmium	111-1	21436	21097	21070	21201	0.96	cps
Calcium	43-1	474550	477042	477946	476513	0.37	cps
Calcium	44-1	7212934	7180366	7181663	7191655	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	223220	221665	218230	221038	1.16	cps
Cobalt	59-2	532515	530112	525911	529513	0.63	cps
Copper	63-2	319664	320732	317744	319380	0.47	cps
Dysprosium	156-1	54395	55332	54659	54795	0.88	cps
Dysprosium	156-2	41912	41849	42183	41981	0.42	cps
Erbium	164-1	49330	47771	48547	48550	1.61	cps
Erbium	164-2	32524	32170	32177	32291	0.63	cps
Gadolinium	160-1	51143	53512	53294	52650	2.49	cps
Gadolinium	160-2	35231	35796	36187	35738	1.34	cps
Holmium	165-1	3925625	3911956	3970327	3935969	0.78	cps
Holmium	165-2	2645334	2661424	2632715	2646491	0.54	cps
Indium	115-1	2814883	2813168	2838808	2822286	0.51	cps
Indium	115-2	860551	865032	857683	861089	0.43	cps
Iron	56-2	183309097	180499944	177569711	180459584	1.59	cps
Iron	57-2	4515388	4412895	4413662	4447315	1.33	cps
Iron	54-2	9854418	9754956	9755138	9788171	0.59	cps
Krypton	83-1	163	120	153	146	15.59	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:50:01	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	148764	151766	151779	150770	1.15	cps
Lead	207-1	129019	129786	129339	129381	0.30	cps
Lead	208-1	587478	595696	590463	591213	0.70	cps
Lithium	6-1	710751	713691	712025	712156	0.21	cps
Magnesium	24-2	4683496	4653032	4652616	4663048	0.38	cps
Manganese	55-2	3784188	3739104	3729864	3751052	0.77	cps
Molybdenum	94-1	43862	44300	43959	44040	0.52	cps
Molybdenum	95-1	2560	2470	2457	2496	2.25	cps
Molybdenum	96-1	12098	11948	11818	11955	1.17	cps
Molybdenum	97-1	1560	1720	1600	1627	5.12	cps
Molybdenum	98-1	3884	4031	4154	4023	3.36	cps
Neodymium	150-1	86993	89320	89213	88509	1.48	cps
Neodymium	150-2	49644	47958	48774	48792	1.73	cps
Nickel	60-2	132112	132812	131396	132107	0.54	cps
Phosphorus	31-2	17517	17363	17030	17303	1.44	cps
Potassium	39-2	1324660	1316402	1318445	1319836	0.33	cps
Rhodium	103-1	2461441	2405577	2416350	2427789	1.22	cps
Rhodium	103-2	1302547	1295239	1300299	1299361	0.29	cps
Scandium	45-1	1665738	1693473	1636913	1665375	1.70	cps
Scandium	45-2	139340	139599	138136	139025	0.56	cps
Selenium	82-1	337	354	384	358	6.64	cps
Selenium	77-2	157	100	120	126	22.89	cps
Selenium	78-2	227	270	230	242	9.96	cps
Silicon	28-1	19951698	20062261	19983735	19999231	0.28	cps
Silver	107-1	90805	91925	89611	90780	1.27	cps
Silver	109-1	85410	85731	85906	85682	0.29	cps
Sodium	23-2	81762	81728	81578	81689	0.12	cps
Strontium	86-1	158452	159557	159850	159286	0.46	cps
Strontium	88-1	1395686	1405214	1400330	1400410	0.34	cps
Sulfur	34-1	106924	106713	106789	106809	0.10	cps
Terbium	159-1	4034783	4004683	4003989	4014485	0.44	cps
Terbium	159-2	2595244	2586907	2531534	2571228	1.35	cps
Thallium	203-1	78216	79946	80365	79509	1.43	cps
Thallium	205-1	187371	188780	188568	188239	0.40	cps
Tin	118-1	13033	12502	12659	12731	2.14	cps
Titanium	47-1	907903	907472	908460	907945	0.05	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:50:01	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15065	15002	15676	15248	2.44	cps
Vanadium	51-2	537851	540341	535793	537995	0.42	cps
Yttrium	89-1	5229372	5253988	5255683	5246348	0.28	cps
Yttrium	89-2	1281909	1283924	1275790	1280541	0.33	cps
Zinc	66-2	116362	115213	116530	116035	0.62	cps
Zirconium	90-1	112637	115610	114411	114219	1.31	cps
Zirconium	91-1	25295	25829	25258	25461	1.26	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:53:19	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7079086	6990827	6987341	7019085	0.74	cps
Antimony	121-1	1697955	1728534	1730279	1718923	1.06	cps
Arsenic	75-2	42333	42317	42053	42234	0.37	cps
Barium	135-1	9638449	9795651	9705755	9713285	0.81	cps
Barium	137-1	16564811	16863186	16741913	16723304	0.90	cps
Beryllium	9-1	161778	160697	161562	161346	0.35	cps
Bismuth	209-1	2411338	2399434	2412472	2407748	0.30	cps
Bismuth	209-2	1874459	1853596	1811905	1846653	1.72	cps
Bromine	81-1	6088	6325	6078	6164	2.27	cps
Bromine	81-2	100	113	143	119	18.67	cps
Cadmium	108-1	13380	13079	13253	13237	1.14	cps
Cadmium	106-1	20134	19981	19713	19943	1.07	cps
Cadmium	111-1	202158	203539	201166	202287	0.59	cps
Calcium	43-1	445058	448835	447286	447059	0.42	cps
Calcium	44-1	6767346	6839479	6781070	6795965	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1229036	1222367	1219942	1223782	0.38	cps
Cobalt	59-2	4327089	4276519	4278478	4294029	0.67	cps
Copper	63-2	1571011	1569767	1554138	1564972	0.60	cps
Dysprosium	156-1	51624	51708	51735	51689	0.11	cps
Dysprosium	156-2	40538	40528	40087	40385	0.64	cps
Erbium	164-1	45975	46755	46591	46440	0.88	cps
Erbium	164-2	30764	30837	31121	30908	0.61	cps
Gadolinium	160-1	49962	49908	50136	50002	0.24	cps
Gadolinium	160-2	33784	35017	34533	34445	1.80	cps
Holmium	165-1	3876003	3968173	3897640	3913939	1.23	cps
Holmium	165-2	2641998	2588012	2617331	2615780	1.03	cps
Indium	115-1	2744585	2747529	2745977	2746030	0.05	cps
Indium	115-2	853867	844230	836273	844790	1.04	cps
Iron	56-2	174294584	175463471	173654851	174470969	0.53	cps
Iron	57-2	4243807	4293183	4243500	4260163	0.67	cps
Iron	54-2	9484043	9374327	9435133	9431167	0.58	cps
Krypton	83-1	100	127	160	129	23.32	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:53:19	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	384157	387274	384535	385322	0.44	cps
Lead	207-1	326337	328898	330332	328522	0.62	cps
Lead	208-1	1508080	1521246	1522002	1517110	0.52	cps
Lithium	6-1	703455	699927	694914	699432	0.61	cps
Magnesium	24-2	4401465	4347045	4394815	4381108	0.68	cps
Manganese	55-2	5477759	5454002	5433681	5455147	0.40	cps
Molybdenum	94-1	41913	41723	42234	41957	0.62	cps
Molybdenum	95-1	2627	2470	2564	2554	3.09	cps
Molybdenum	96-1	11515	11561	11321	11466	1.11	cps
Molybdenum	97-1	1610	1550	1480	1547	4.21	cps
Molybdenum	98-1	3977	4137	3967	4027	2.37	cps
Neodymium	150-1	84719	84649	85501	84956	0.56	cps
Neodymium	150-2	47911	46694	46710	47105	1.48	cps
Nickel	60-2	1041009	1034081	1030586	1035225	0.51	cps
Phosphorus	31-2	16249	16062	16072	16127	0.65	cps
Potassium	39-2	1206500	1218272	1212612	1212461	0.49	cps
Rhodium	103-1	2371049	2393015	2345223	2369762	1.01	cps
Rhodium	103-2	1286961	1266898	1267586	1273815	0.89	cps
Scandium	45-1	1634126	1618084	1620408	1624206	0.53	cps
Scandium	45-2	134749	135290	135953	135331	0.45	cps
Selenium	82-1	28054	27717	27666	27812	0.76	cps
Selenium	77-2	2710	2724	2677	2704	0.89	cps
Selenium	78-2	8823	8509	8626	8653	1.83	cps
Silicon	28-1	18591847	18811505	18727833	18710395	0.59	cps
Silver	107-1	988778	844490	848208	893825	9.20	cps
Silver	109-1	820217	752093	860868	811059	6.78	cps
Sodium	23-2	78646	78073	78445	78388	0.37	cps
Strontium	86-1	148937	149645	149871	149484	0.33	cps
Strontium	88-1	1316823	1318324	1317109	1317419	0.06	cps
Sulfur	34-1	101309	102303	100538	101383	0.87	cps
Terbium	159-1	3928092	3910385	4025601	3954693	1.57	cps
Terbium	159-2	2567398	2534606	2480592	2527532	1.73	cps
Thallium	203-1	809100	820419	807241	812253	0.88	cps
Thallium	205-1	2217917	2220418	2234646	2224327	0.41	cps
Tin	118-1	11458	11778	11818	11685	1.69	cps
Titanium	47-1	848598	852454	847093	849382	0.33	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2825-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD542SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:53:19	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14201	14428	14361	14330	0.81	cps
Vanadium	51-2	2759792	2751397	2745301	2752163	0.26	cps
Yttrium	89-1	5162191	5097179	5049186	5102852	1.11	cps
Yttrium	89-2	1259357	1248523	1243395	1250425	0.65	cps
Zinc	66-2	544539	543978	541040	543185	0.35	cps
Zirconium	90-1	108802	108846	108768	108805	0.04	cps
Zirconium	91-1	24344	24257	24103	24234	0.50	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:56:26	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	988681	985492	990613	988262	0.26	cps
Antimony	121-1	1277	1320	1460	1352	7.09	cps
Arsenic	75-2	1573	1410	1660	1548	8.20	cps
Barium	135-1	120652	119271	119133	119685	0.70	cps
Barium	137-1	205789	206679	206215	206228	0.22	cps
Beryllium	9-1	467	513	510	497	5.24	cps
Bismuth	209-1	2174467	2439666	2374846	2329660	5.93	cps
Bismuth	209-2	1871168	1889311	1929251	1896577	1.57	cps
Bromine	81-1	5925	5668	6191	5928	4.42	cps
Bromine	81-2	40	73	57	57	29.41	cps
Cadmium	108-1	67	40	40	49	31.50	cps
Cadmium	106-1	1267	1460	1373	1367	7.09	cps
Cadmium	111-1	1000	1137	1093	1077	6.51	cps
Calcium	43-1	57626	57418	58231	57758	0.73	cps
Calcium	44-1	936758	935265	938267	936763	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22293	22260	22724	22426	1.15	cps
Cobalt	59-2	18321	17437	18128	17962	2.59	cps
Copper	63-2	33497	32395	32408	32767	1.93	cps
Dysprosium	156-1	10808	10868	11138	10938	1.61	cps
Dysprosium	156-2	8830	8623	8623	8692	1.37	cps
Erbium	164-1	8806	8729	8749	8762	0.45	cps
Erbium	164-2	5801	5631	5838	5757	1.92	cps
Gadolinium	160-1	9880	9937	9924	9914	0.30	cps
Gadolinium	160-2	6882	6995	6885	6921	0.93	cps
Holmium	165-1	3424382	3892360	3721536	3679426	6.44	cps
Holmium	165-2	2607570	2561533	2616606	2595237	1.14	cps
Indium	115-1	2418715	2825997	2773264	2672659	8.29	cps
Indium	115-2	860593	865742	868163	864833	0.45	cps
Iron	56-2	24677359	24317209	24463940	24486169	0.74	cps
Iron	57-2	626118	628521	628372	627670	0.21	cps
Iron	54-2	1376178	1381537	1324394	1360703	2.32	cps
Krypton	83-1	87	93	93	91	4.22	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:56:26	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	36726	35620	35710	36019	1.71	cps
Lead	207-1	29489	29241	29449	29393	0.45	cps
Lead	208-1	138774	136971	137326	137690	0.69	cps
Lithium	6-1	606884	690446	682556	659962	6.99	cps
Magnesium	24-2	782321	781984	784596	782967	0.18	cps
Manganese	55-2	479761	483099	482615	481825	0.37	cps
Molybdenum	94-1	8796	8649	8639	8695	1.01	cps
Molybdenum	95-1	540	543	517	533	2.72	cps
Molybdenum	96-1	2257	2240	2190	2229	1.56	cps
Molybdenum	97-1	303	330	327	320	4.54	cps
Molybdenum	98-1	833	767	783	794	4.37	cps
Neodymium	150-1	18803	18392	18913	18702	1.47	cps
Neodymium	150-2	10354	10414	10260	10343	0.75	cps
Nickel	60-2	7218	7685	7228	7377	3.62	cps
Phosphorus	31-2	3090	3180	3167	3146	1.54	cps
Potassium	39-2	359572	361294	359675	360180	0.27	cps
Rhodium	103-1	2140332	2437913	2406613	2328286	7.02	cps
Rhodium	103-2	1309034	1318074	1311927	1313012	0.35	cps
Scandium	45-1	1263915	1452214	1437933	1384687	7.57	cps
Scandium	45-2	121569	122409	120608	121529	0.74	cps
Selenium	82-1	92	99	107	99	7.20	cps
Selenium	77-2	17	20	37	24	43.83	cps
Selenium	78-2	80	107	123	103	21.15	cps
Silicon	28-1	3993521	3930514	3925807	3949947	0.96	cps
Silver	107-1	560	443	403	469	17.36	cps
Silver	109-1	510	403	393	436	14.85	cps
Sodium	23-2	31395	32033	31926	31785	1.08	cps
Strontium	86-1	46794	46289	46085	46389	0.79	cps
Strontium	88-1	403674	402883	402881	403146	0.11	cps
Sulfur	34-1	91884	91609	91069	91521	0.45	cps
Terbium	159-1	3426239	3921576	3863781	3737199	7.25	cps
Terbium	159-2	2538819	2502448	2484817	2508695	1.10	cps
Thallium	203-1	427	410	360	399	8.70	cps
Thallium	205-1	1033	890	937	953	7.67	cps
Tin	118-1	2767	2644	2704	2705	2.28	cps
Titanium	47-1	79149	78814	78485	78816	0.42	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:56:26	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3217	3297	3520	3345	4.70	cps
Vanadium	51-2	39044	38870	39010	38975	0.24	cps
Yttrium	89-1	4068572	4685211	4502221	4418668	7.17	cps
Yttrium	89-2	1130623	1140581	1147018	1139408	0.72	cps
Zinc	66-2	13863	13923	13653	13813	1.03	cps
Zirconium	90-1	22618	22487	22744	22616	0.57	cps
Zirconium	91-1	5061	5051	5131	5081	0.86	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:59:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1002793	1005958	1020525	1009759	0.94	cps
Antimony	121-1	750	800	883	811	8.30	cps
Arsenic	75-2	1740	1707	1547	1665	6.21	cps
Barium	135-1	118857	122618	121136	120870	1.57	cps
Barium	137-1	207237	208549	208963	208250	0.43	cps
Beryllium	9-1	487	477	417	460	8.23	cps
Bismuth	209-1	2438750	2441829	2470266	2450282	0.71	cps
Bismuth	209-2	1919404	1977098	1940943	1945815	1.50	cps
Bromine	81-1	5728	6048	5888	5888	2.72	cps
Bromine	81-2	57	87	50	64	30.31	cps
Cadmium	108-1	30	43	47	40	22.05	cps
Cadmium	106-1	1523	1307	1413	1415	7.66	cps
Cadmium	111-1	1212	1024	1100	1112	8.49	cps
Calcium	43-1	58097	58532	58827	58485	0.63	cps
Calcium	44-1	942506	955270	951719	949832	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22984	22957	23171	23038	0.51	cps
Cobalt	59-2	17941	18308	17844	18031	1.36	cps
Copper	63-2	32756	32666	33073	32832	0.65	cps
Dysprosium	156-1	10637	10674	10938	10750	1.52	cps
Dysprosium	156-2	8526	8546	8970	8681	2.89	cps
Erbium	164-1	8886	8686	8990	8854	1.74	cps
Erbium	164-2	5778	5838	5508	5708	3.08	cps
Gadolinium	160-1	10087	10137	9620	9948	2.87	cps
Gadolinium	160-2	6928	7255	6848	7011	3.07	cps
Holmium	165-1	3804536	3881417	3855701	3847218	1.02	cps
Holmium	165-2	2621220	2686949	2649471	2652547	1.24	cps
Indium	115-1	2836655	2822623	2800112	2819797	0.65	cps
Indium	115-2	873507	906498	884891	888299	1.89	cps
Iron	56-2	25001840	24879015	25102982	24994612	0.45	cps
Iron	57-2	637526	637443	643662	639543	0.56	cps
Iron	54-2	1376053	1356799	1377630	1370161	0.85	cps
Krypton	83-1	87	73	73	78	9.90	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:59:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	35957	35700	36726	36128	1.48	cps
Lead	207-1	29612	29689	30247	29849	1.16	cps
Lead	208-1	136929	137945	139579	138151	0.97	cps
Lithium	6-1	693200	689735	694992	692642	0.39	cps
Magnesium	24-2	789601	796991	801991	796194	0.78	cps
Manganese	55-2	489054	489540	490172	489589	0.11	cps
Molybdenum	94-1	8302	9150	8669	8707	4.88	cps
Molybdenum	95-1	487	517	540	514	5.20	cps
Molybdenum	96-1	2280	2364	2100	2248	5.99	cps
Molybdenum	97-1	337	357	367	353	4.32	cps
Molybdenum	98-1	900	890	813	868	5.46	cps
Neodymium	150-1	18576	18566	19116	18753	1.68	cps
Neodymium	150-2	10601	10541	10230	10457	1.90	cps
Nickel	60-2	7198	7569	7208	7325	2.88	cps
Phosphorus	31-2	3257	3234	3270	3254	0.57	cps
Potassium	39-2	367067	366271	370846	368061	0.66	cps
Rhodium	103-1	2432351	2438667	2448440	2439819	0.33	cps
Rhodium	103-2	1359915	1377949	1344235	1360700	1.24	cps
Scandium	45-1	1449591	1426827	1445924	1440781	0.85	cps
Scandium	45-2	122999	129094	124939	125678	2.48	cps
Selenium	82-1	106	139	121	122	13.62	cps
Selenium	77-2	23	40	37	33	26.47	cps
Selenium	78-2	110	107	93	103	8.54	cps
Silicon	28-1	3936260	4015318	3981908	3977829	1.00	cps
Silver	107-1	253	337	377	322	19.53	cps
Silver	109-1	230	290	310	277	15.05	cps
Sodium	23-2	30370	29488	31195	30351	2.81	cps
Strontium	86-1	46433	46774	47015	46741	0.63	cps
Strontium	88-1	406664	409649	412075	409463	0.66	cps
Sulfur	34-1	92970	91797	91599	92122	0.80	cps
Terbium	159-1	3886482	3888135	3910066	3894894	0.34	cps
Terbium	159-2	2564074	2638810	2538283	2580389	2.02	cps
Thallium	203-1	333	357	370	353	5.25	cps
Thallium	205-1	810	713	830	784	7.95	cps
Tin	118-1	2467	2650	2717	2611	4.96	cps
Titanium	47-1	79326	80733	80747	80269	1.02	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 15:59:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3244	3274	3274	3264	0.53	cps
Vanadium	51-2	39475	39849	40203	39842	0.91	cps
Yttrium	89-1	4634805	4659454	4626296	4640185	0.37	cps
Yttrium	89-2	1156537	1196413	1173802	1175584	1.70	cps
Zinc	66-2	13930	14063	13997	13997	0.48	cps
Zirconium	90-1	22434	22698	22761	22631	0.77	cps
Zirconium	91-1	4754	5274	5021	5016	5.19	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5H2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 16:03:11	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	198398	197820	198671	198296	0.22	cps
Antimony	121-1	207	290	220	239	18.74	cps
Arsenic	75-2	307	303	333	314	5.23	cps
Barium	135-1	23316	23660	23292	23423	0.88	cps
Barium	137-1	40805	41012	40457	40758	0.69	cps
Beryllium	9-1	123	110	170	134	23.43	cps
Bismuth	209-1	2477044	2503825	2498918	2493262	0.57	cps
Bismuth	209-2	1960587	1905960	1966345	1944297	1.71	cps
Bromine	81-1	5961	5534	6028	5841	4.58	cps
Bromine	81-2	47	27	30	34	31.11	cps
Cadmium	108-1	10	7	7	8	24.71	cps
Cadmium	106-1	1343	1417	1457	1406	4.09	cps
Cadmium	111-1	967	1027	1062	1019	4.72	cps
Calcium	43-1	12028	11615	11241	11628	3.39	cps
Calcium	44-1	186589	189001	187482	187691	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4911	4931	4701	4847	2.63	cps
Cobalt	59-2	3534	3841	3654	3676	4.21	cps
Copper	63-2	7395	6962	7058	7138	3.19	cps
Dysprosium	156-1	2070	1933	2130	2045	4.93	cps
Dysprosium	156-2	1677	1577	1713	1656	4.27	cps
Erbium	164-1	1790	1817	1760	1789	1.59	cps
Erbium	164-2	1047	1037	1113	1066	3.91	cps
Gadolinium	160-1	2000	1937	1907	1948	2.45	cps
Gadolinium	160-2	1610	1543	1433	1529	5.84	cps
Holmium	165-1	3886031	3812333	3800590	3832985	1.21	cps
Holmium	165-2	2605397	2589041	2599240	2597893	0.32	cps
Indium	115-1	2816941	2827105	2816740	2820262	0.21	cps
Indium	115-2	885568	880625	878752	881648	0.40	cps
Iron	56-2	4917092	4903921	4837969	4886327	0.87	cps
Iron	57-2	124571	125841	126446	125619	0.76	cps
Iron	54-2	275911	277086	276926	276641	0.23	cps
Krypton	83-1	93	67	67	76	20.37	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5H2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 16:03:11	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7252	7489	7232	7324	1.95	cps
Lead	207-1	5995	6138	5951	6028	1.62	cps
Lead	208-1	27725	28705	28162	28197	1.74	cps
Lithium	6-1	695417	691296	701994	696236	0.78	cps
Magnesium	24-2	156978	158079	158485	157847	0.49	cps
Manganese	55-2	96718	96201	96057	96325	0.36	cps
Molybdenum	94-1	1683	1830	1640	1718	5.80	cps
Molybdenum	95-1	103	113	97	104	8.03	cps
Molybdenum	96-1	463	480	460	468	2.29	cps
Molybdenum	97-1	77	80	57	71	17.74	cps
Molybdenum	98-1	187	190	230	202	11.93	cps
Neodymium	150-1	3694	3704	3490	3629	3.32	cps
Neodymium	150-2	1997	1890	2164	2017	6.83	cps
Nickel	60-2	1543	1477	1540	1520	2.47	cps
Phosphorus	31-2	790	647	660	699	11.33	cps
Potassium	39-2	94900	95128	94098	94709	0.57	cps
Rhodium	103-1	2467581	2473424	2456879	2465961	0.34	cps
Rhodium	103-2	1345711	1339014	1336439	1340388	0.36	cps
Scandium	45-1	1431223	1436294	1451322	1439613	0.73	cps
Scandium	45-2	123004	123081	123548	123211	0.24	cps
Selenium	82-1	96	111	109	105	7.95	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	87	103	73	88	17.13	cps
Silicon	28-1	881729	890027	891024	887593	0.57	cps
Silver	107-1	107	93	107	102	7.53	cps
Silver	109-1	93	47	73	71	32.92	cps
Sodium	23-2	13726	13059	12992	13259	3.06	cps
Strontium	86-1	9433	9173	9253	9286	1.43	cps
Strontium	88-1	80448	80559	80395	80467	0.10	cps
Sulfur	34-1	90214	89651	89011	89625	0.67	cps
Terbium	159-1	3880718	3913596	3838601	3877638	0.97	cps
Terbium	159-2	2545692	2523216	2536585	2535164	0.45	cps
Thallium	203-1	150	160	127	146	11.75	cps
Thallium	205-1	320	267	233	273	15.99	cps
Tin	118-1	1307	1170	1320	1266	6.56	cps
Titanium	47-1	15772	15952	16222	15982	1.42	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5H2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 16:03:11	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	697	610	657	654	6.63	cps
Vanadium	51-2	7739	7732	7919	7797	1.36	cps
Yttrium	89-1	4649689	4533244	4617623	4600185	1.31	cps
Yttrium	89-2	1146042	1129612	1133519	1136391	0.76	cps
Zinc	66-2	2744	2934	2920	2866	3.70	cps
Zirconium	90-1	4547	4624	4694	4622	1.59	cps
Zirconium	91-1	950	960	1043	984	5.21	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:06:35	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5168153	5169583	5189425	5175721	0.23	cps
Antimony	121-1	322549	326236	324855	324547	0.57	cps
Arsenic	75-2	13573	13596	13736	13635	0.65	cps
Barium	135-1	2391841	2404315	2439783	2411980	1.03	cps
Barium	137-1	4128545	4139029	4147209	4138261	0.23	cps
Beryllium	9-1	32307	32541	31993	32280	0.85	cps
Bismuth	209-1	2481040	2386953	2355254	2407749	2.72	cps
Bismuth	209-2	1922467	1869684	1868715	1886955	1.63	cps
Bromine	81-1	6148	6281	6528	6319	3.05	cps
Bromine	81-2	167	183	143	164	12.22	cps
Cadmium	108-1	2740	2494	2650	2628	4.75	cps
Cadmium	106-1	5241	5524	5268	5344	2.93	cps
Cadmium	111-1	40646	41401	41480	41176	1.12	cps
Calcium	43-1	298619	303293	301933	301282	0.80	cps
Calcium	44-1	4529354	4562057	4590221	4560544	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	329219	328287	324392	327299	0.78	cps
Cobalt	59-2	863583	868349	865410	865781	0.28	cps
Copper	63-2	415355	416925	415768	416016	0.20	cps
Dysprosium	156-1	56065	57001	58069	57045	1.76	cps
Dysprosium	156-2	44637	45457	44674	44923	1.03	cps
Erbium	164-1	45658	45440	45256	45451	0.44	cps
Erbium	164-2	30744	30296	30166	30402	1.00	cps
Gadolinium	160-1	51822	51705	51795	51774	0.12	cps
Gadolinium	160-2	35782	35598	35685	35689	0.26	cps
Holmium	165-1	3909383	3851755	3730248	3830462	2.39	cps
Holmium	165-2	2652864	2645468	2633496	2643943	0.37	cps
Indium	115-1	2854636	2739737	2731333	2775235	2.48	cps
Indium	115-2	864138	860383	861700	862074	0.22	cps
Iron	56-2	127042138	127498855	127065141	127202045	0.20	cps
Iron	57-2	3131157	3124762	3164110	3140010	0.67	cps
Iron	54-2	6957224	6923543	6840114	6906960	0.87	cps
Krypton	83-1	110	110	117	112	3.43	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:06:35	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	232512	236129	235587	234743	0.83	cps
Lead	207-1	195016	197379	196675	196357	0.62	cps
Lead	208-1	901810	917944	910015	909923	0.89	cps
Lithium	6-1	713318	692613	677703	694545	2.58	cps
Magnesium	24-2	3956746	3968926	3927284	3950985	0.54	cps
Manganese	55-2	2947548	2900018	2876029	2907865	1.25	cps
Molybdenum	94-1	44598	45096	46584	45426	2.27	cps
Molybdenum	95-1	2544	2824	2694	2687	5.22	cps
Molybdenum	96-1	11575	11818	11475	11622	1.52	cps
Molybdenum	97-1	1577	1680	1770	1676	5.77	cps
Molybdenum	98-1	4454	4384	4034	4291	5.25	cps
Neodymium	150-1	96695	98054	97460	97403	0.70	cps
Neodymium	150-2	54234	53344	52932	53503	1.24	cps
Nickel	60-2	228423	226792	225690	226968	0.61	cps
Phosphorus	31-2	16265	16439	15982	16229	1.42	cps
Potassium	39-2	1663816	1657756	1654413	1658661	0.29	cps
Rhodium	103-1	2443422	2344345	2317192	2368320	2.81	cps
Rhodium	103-2	1303218	1296506	1290703	1296809	0.48	cps
Scandium	45-1	1560842	1523514	1499008	1527788	2.04	cps
Scandium	45-2	132090	130311	130788	131063	0.70	cps
Selenium	82-1	4783	4874	4966	4874	1.87	cps
Selenium	77-2	463	490	447	467	4.68	cps
Selenium	78-2	1620	1583	1480	1561	4.65	cps
Silicon	28-1	19693350	19771503	19787061	19750638	0.25	cps
Silver	107-1	177210	178587	180311	178703	0.87	cps
Silver	109-1	168385	171147	170311	169948	0.83	cps
Sodium	23-2	110999	111557	111177	111244	0.26	cps
Strontium	86-1	239172	241994	240137	240434	0.60	cps
Strontium	88-1	2136417	2168773	2185648	2163613	1.16	cps
Sulfur	34-1	97985	98387	98253	98208	0.21	cps
Terbium	159-1	4013490	3931660	3848402	3931184	2.10	cps
Terbium	159-2	2569581	2543082	2550086	2554249	0.54	cps
Thallium	203-1	159781	162158	161360	161100	0.75	cps
Thallium	205-1	380554	386314	383892	383587	0.75	cps
Tin	118-1	10084	10280	10484	10283	1.95	cps
Titanium	47-1	412267	413363	416869	414166	0.58	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:06:35	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17248	17441	17278	17322	0.60	cps
Vanadium	51-2	678226	674365	669887	674159	0.62	cps
Yttrium	89-1	5140689	5064591	5021701	5075660	1.19	cps
Yttrium	89-2	1258761	1264956	1260878	1261532	0.25	cps
Zinc	66-2	160660	161489	161020	161057	0.26	cps
Zirconium	90-1	116440	118261	116914	117205	0.81	cps
Zirconium	91-1	25389	26350	26317	26019	2.10	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:09:49	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5468103	5389337	5379137	5412192	0.90	cps
Antimony	121-1	1618671	1613557	1648906	1627045	1.17	cps
Arsenic	75-2	34042	33441	33845	33776	0.91	cps
Barium	135-1	9174471	9306044	9133880	9204798	0.98	cps
Barium	137-1	15816535	15870926	15881853	15856438	0.22	cps
Beryllium	9-1	149736	151355	151018	150703	0.57	cps
Bismuth	209-1	2437595	2430877	2413401	2427291	0.51	cps
Bismuth	209-2	1861611	1855347	1852767	1856575	0.24	cps
Bromine	81-1	6085	6285	6281	6217	1.84	cps
Bromine	81-2	193	147	143	161	17.35	cps
Cadmium	108-1	12465	12649	12242	12452	1.64	cps
Cadmium	106-1	18295	18295	18936	18509	2.00	cps
Cadmium	111-1	187452	190034	191677	189721	1.12	cps
Calcium	43-1	284267	290054	291010	288444	1.26	cps
Calcium	44-1	4382927	4328801	4376700	4362809	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1147846	1144950	1138180	1143659	0.43	cps
Cobalt	59-2	3975687	3938365	3943664	3952572	0.51	cps
Copper	63-2	1487109	1487596	1473580	1482761	0.54	cps
Dysprosium	156-1	55205	55897	55666	55589	0.63	cps
Dysprosium	156-2	43099	43972	43413	43495	1.02	cps
Erbium	164-1	44156	44230	44464	44283	0.36	cps
Erbium	164-2	29334	29060	29715	29370	1.12	cps
Gadolinium	160-1	50514	50260	50986	50586	0.73	cps
Gadolinium	160-2	35077	34482	34496	34685	0.98	cps
Holmium	165-1	3865481	3893580	3883400	3880820	0.37	cps
Holmium	165-2	2631342	2593216	2583001	2602520	0.98	cps
Indium	115-1	2753092	2765202	2754894	2757730	0.24	cps
Indium	115-2	847887	844645	839933	844155	0.47	cps
Iron	56-2	125495958	124721838	124672748	124963515	0.37	cps
Iron	57-2	3114811	3114090	3057952	3095618	1.05	cps
Iron	54-2	6782868	6825495	6734719	6781027	0.67	cps
Krypton	83-1	117	107	130	118	9.94	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:09:49	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	428554	428656	434030	430413	0.73	cps
Lead	207-1	357935	361149	361709	360264	0.57	cps
Lead	208-1	1667497	1675485	1687947	1676976	0.61	cps
Lithium	6-1	689047	694087	688817	690650	0.43	cps
Magnesium	24-2	3782411	3779300	3764817	3775509	0.25	cps
Manganese	55-2	4356683	4361743	4334845	4351090	0.33	cps
Molybdenum	94-1	43675	44521	43314	43836	1.41	cps
Molybdenum	95-1	2660	2567	2614	2614	1.79	cps
Molybdenum	96-1	11525	11264	11318	11369	1.21	cps
Molybdenum	97-1	1650	1560	1753	1655	5.85	cps
Molybdenum	98-1	4224	4464	4494	4394	3.37	cps
Neodymium	150-1	92686	94533	94853	94024	1.24	cps
Neodymium	150-2	52390	51386	52387	52054	1.11	cps
Nickel	60-2	972810	971666	967429	970635	0.29	cps
Phosphorus	31-2	15471	15274	15238	15328	0.82	cps
Potassium	39-2	1580310	1572675	1570280	1574421	0.33	cps
Rhodium	103-1	2360960	2350363	2346030	2352451	0.33	cps
Rhodium	103-2	1274588	1269023	1261219	1268277	0.53	cps
Scandium	45-1	1512836	1524036	1534618	1523830	0.71	cps
Scandium	45-2	128627	127628	127756	128004	0.42	cps
Selenium	82-1	23521	24030	24116	23889	1.35	cps
Selenium	77-2	2417	2430	2290	2379	3.25	cps
Selenium	78-2	7425	7899	7542	7622	3.24	cps
Silicon	28-1	18880765	19045175	19090770	19005570	0.58	cps
Silver	107-1	727893	814339	782154	774795	5.64	cps
Silver	109-1	776679	542628	712590	677299	17.86	cps
Sodium	23-2	106462	108062	107589	107371	0.77	cps
Strontium	86-1	229184	232144	230195	230508	0.65	cps
Strontium	88-1	2059747	2071194	2090635	2073859	0.75	cps
Sulfur	34-1	96636	96928	98220	97261	0.87	cps
Terbium	159-1	3863311	3928655	3986451	3926139	1.57	cps
Terbium	159-2	2521644	2481625	2482977	2495415	0.91	cps
Thallium	203-1	757718	767511	770915	765381	0.90	cps
Thallium	205-1	2072349	2097055	2108197	2092534	0.88	cps
Tin	118-1	10154	9663	10267	10028	3.20	cps
Titanium	47-1	390451	393852	396289	393530	0.75	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2822-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:09:49	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16731	16620	16487	16613	0.73	cps
Vanadium	51-2	2503397	2449932	2469961	2474430	1.09	cps
Yttrium	89-1	5074959	5113057	5080958	5089658	0.40	cps
Yttrium	89-2	1238845	1231616	1233585	1234682	0.30	cps
Zinc	66-2	516253	514603	510219	513692	0.61	cps
Zirconium	90-1	111253	113450	111932	112212	1.00	cps
Zirconium	91-1	24768	25906	25622	25432	2.33	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:12:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	734415	733632	727749	731932	0.50	cps
Antimony	121-1	1657	1680	1777	1705	3.73	cps
Arsenic	75-2	4264	4347	4457	4356	2.23	cps
Barium	135-1	91958	92296	92494	92249	0.29	cps
Barium	137-1	158829	157639	158303	158257	0.38	cps
Beryllium	9-1	347	343	340	343	0.97	cps
Bismuth	209-1	2479734	2430150	2399009	2436298	1.67	cps
Bismuth	209-2	1861196	1880106	1859741	1867014	0.61	cps
Bromine	81-1	6228	5791	6068	6029	3.67	cps
Bromine	81-2	87	77	70	78	10.79	cps
Cadmium	108-1	40	43	50	44	11.46	cps
Cadmium	106-1	1510	1333	1437	1427	6.22	cps
Cadmium	111-1	1476	1393	1567	1479	5.90	cps
Calcium	43-1	35518	35942	36370	35944	1.19	cps
Calcium	44-1	584633	587608	590103	587448	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18261	17744	18271	18092	1.67	cps
Cobalt	59-2	22964	23068	22791	22941	0.61	cps
Copper	63-2	48619	48645	48910	48725	0.33	cps
Dysprosium	156-1	8156	8376	8463	8331	1.90	cps
Dysprosium	156-2	6652	6568	6515	6578	1.05	cps
Erbium	164-1	7212	7032	7115	7120	1.27	cps
Erbium	164-2	4724	4788	4874	4795	1.57	cps
Gadolinium	160-1	7986	7792	7856	7878	1.25	cps
Gadolinium	160-2	5661	5765	5398	5608	3.37	cps
Holmium	165-1	3863651	3778553	3738731	3793645	1.68	cps
Holmium	165-2	2525561	2526286	2537266	2529705	0.26	cps
Indium	115-1	2767929	2796285	2732800	2765671	1.15	cps
Indium	115-2	847146	847587	847998	847577	0.05	cps
Iron	56-2	23156150	23008360	22982721	23049077	0.41	cps
Iron	57-2	593551	587868	590492	590637	0.48	cps
Iron	54-2	1306093	1300946	1286012	1297684	0.80	cps
Krypton	83-1	87	50	93	77	30.43	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:12:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	84195	85138	86328	85220	1.25	cps
Lead	207-1	75726	77023	75679	76143	1.00	cps
Lead	208-1	340079	342394	342547	341673	0.40	cps
Lithium	6-1	682117	676964	675046	678042	0.54	cps
Magnesium	24-2	605681	598107	597047	600278	0.78	cps
Manganese	55-2	560616	560757	557250	559541	0.35	cps
Molybdenum	94-1	3534	3507	3400	3480	2.03	cps
Molybdenum	95-1	410	410	377	399	4.82	cps
Molybdenum	96-1	1227	1213	1280	1240	2.84	cps
Molybdenum	97-1	247	243	303	264	12.75	cps
Molybdenum	98-1	643	680	683	669	3.32	cps
Neodymium	150-1	13080	13490	12919	13163	2.24	cps
Neodymium	150-2	7239	7679	7365	7428	3.05	cps
Nickel	60-2	5164	5274	5264	5234	1.16	cps
Phosphorus	31-2	3527	3704	3644	3625	2.48	cps
Potassium	39-2	410213	412403	406218	409611	0.77	cps
Rhodium	103-1	2447177	2400840	2416210	2421409	0.97	cps
Rhodium	103-2	1279766	1287569	1290431	1285922	0.43	cps
Scandium	45-1	1428903	1423108	1393434	1415148	1.34	cps
Scandium	45-2	119748	119183	119086	119339	0.30	cps
Selenium	82-1	99	165	112	125	28.10	cps
Selenium	77-2	27	10	17	18	47.19	cps
Selenium	78-2	97	107	103	102	4.98	cps
Silicon	28-1	3962924	3993721	4027717	3994787	0.81	cps
Silver	107-1	1017	863	897	926	8.71	cps
Silver	109-1	923	863	797	861	7.36	cps
Sodium	23-2	25545	24950	25141	25212	1.20	cps
Strontium	86-1	17647	17484	18021	17717	1.55	cps
Strontium	88-1	152871	155290	154639	154267	0.81	cps
Sulfur	34-1	90637	90191	91461	90763	0.71	cps
Terbium	159-1	3940335	3839239	3848459	3876011	1.44	cps
Terbium	159-2	2461101	2485530	2492027	2479553	0.66	cps
Thallium	203-1	437	380	443	420	8.29	cps
Thallium	205-1	1003	903	967	958	5.28	cps
Tin	118-1	2954	2634	2920	2836	6.20	cps
Titanium	47-1	118167	119718	119097	118994	0.66	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:12:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2527	2317	2457	2434	4.39	cps
Vanadium	51-2	40414	40304	40056	40258	0.45	cps
Yttrium	89-1	4570086	4506541	4528370	4534999	0.71	cps
Yttrium	89-2	1112788	1115934	1114299	1114340	0.14	cps
Zinc	66-2	26140	26156	26427	26241	0.61	cps
Zirconium	90-1	8929	8706	9023	8886	1.83	cps
Zirconium	91-1	1967	1993	2117	2026	3.95	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:16:17	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	745095	741061	746230	744129	0.37	cps
Antimony	121-1	1147	1237	1283	1222	5.68	cps
Arsenic	75-2	4634	4301	4127	4354	5.92	cps
Barium	135-1	90629	91548	91162	91113	0.51	cps
Barium	137-1	156493	159014	157689	157732	0.80	cps
Beryllium	9-1	303	357	323	328	8.22	cps
Bismuth	209-1	2419409	2455088	2453069	2442522	0.82	cps
Bismuth	209-2	1883432	1876469	1892955	1884286	0.44	cps
Bromine	81-1	5641	6048	5975	5888	3.68	cps
Bromine	81-2	83	63	77	74	13.68	cps
Cadmium	108-1	50	50	50	50	0.00	cps
Cadmium	106-1	1360	1333	1370	1355	1.40	cps
Cadmium	111-1	1417	1348	1284	1350	4.93	cps
Calcium	43-1	36851	36765	36928	36848	0.22	cps
Calcium	44-1	594847	600468	602578	599298	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17660	17350	17137	17382	1.52	cps
Cobalt	59-2	23118	22650	23018	22929	1.07	cps
Copper	63-2	49856	50522	50324	50234	0.68	cps
Dysprosium	156-1	8706	8916	8863	8828	1.24	cps
Dysprosium	156-2	6678	6415	6902	6665	3.66	cps
Erbium	164-1	7292	7192	7112	7199	1.25	cps
Erbium	164-2	4731	4731	4944	4802	2.57	cps
Gadolinium	160-1	7886	8126	7972	7995	1.52	cps
Gadolinium	160-2	5675	5745	5418	5612	3.07	cps
Holmium	165-1	3779163	3795272	3772835	3782423	0.31	cps
Holmium	165-2	2536904	2564859	2563173	2554979	0.61	cps
Indium	115-1	2742882	2804078	2783868	2776943	1.12	cps
Indium	115-2	852600	861657	852614	855624	0.61	cps
Iron	56-2	23481583	23366285	23415155	23421008	0.25	cps
Iron	57-2	599766	605440	602905	602704	0.47	cps
Iron	54-2	1324693	1327633	1326551	1326292	0.11	cps
Krypton	83-1	113	70	100	94	23.50	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:16:17	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	85839	86305	86402	86182	0.35	cps
Lead	207-1	76882	76862	77590	77111	0.54	cps
Lead	208-1	345129	345152	348453	346245	0.55	cps
Lithium	6-1	678748	682251	681050	680683	0.26	cps
Magnesium	24-2	611255	607981	611610	610282	0.33	cps
Manganese	55-2	558602	561838	560153	560198	0.29	cps
Molybdenum	94-1	3450	3600	3560	3537	2.20	cps
Molybdenum	95-1	417	363	510	430	17.27	cps
Molybdenum	96-1	1137	1213	1347	1232	8.62	cps
Molybdenum	97-1	237	247	230	238	3.53	cps
Molybdenum	98-1	543	640	670	618	10.71	cps
Neodymium	150-1	13273	13150	12953	13125	1.23	cps
Neodymium	150-2	7522	7332	7612	7489	1.91	cps
Nickel	60-2	5314	5274	5478	5355	2.01	cps
Phosphorus	31-2	3600	3530	3554	3562	1.00	cps
Potassium	39-2	418122	418760	417701	418194	0.13	cps
Rhodium	103-1	2418333	2415613	2365715	2399887	1.23	cps
Rhodium	103-2	1301424	1304130	1304099	1303218	0.12	cps
Scandium	45-1	1424927	1392628	1419532	1412362	1.23	cps
Scandium	45-2	120363	119597	120269	120076	0.35	cps
Selenium	82-1	90	124	100	105	16.44	cps
Selenium	77-2	13	13	7	11	34.61	cps
Selenium	78-2	93	80	77	83	10.58	cps
Silicon	28-1	4075686	4106563	4014265	4065504	1.16	cps
Silver	107-1	703	763	787	751	5.72	cps
Silver	109-1	633	700	747	693	8.22	cps
Sodium	23-2	25408	25181	25157	25249	0.55	cps
Strontium	86-1	17380	18432	17594	17802	3.12	cps
Strontium	88-1	156920	156617	157981	157173	0.46	cps
Sulfur	34-1	91515	91337	90134	90995	0.83	cps
Terbium	159-1	3916319	3850712	3890463	3885831	0.85	cps
Terbium	159-2	2517733	2495357	2439639	2484243	1.62	cps
Thallium	203-1	370	313	377	353	9.85	cps
Thallium	205-1	843	847	777	822	4.80	cps
Tin	118-1	3060	3030	3030	3040	0.57	cps
Titanium	47-1	122312	120397	121436	121382	0.79	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573D	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:16:17	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2384	2587	2597	2522	4.77	cps
Vanadium	51-2	41129	41260	40771	41053	0.62	cps
Yttrium	89-1	4520757	4528630	4579590	4542992	0.70	cps
Yttrium	89-2	1122927	1132015	1127294	1127412	0.40	cps
Zinc	66-2	26186	27008	26039	26411	1.98	cps
Zirconium	90-1	8919	9113	8846	8959	1.54	cps
Zirconium	91-1	2017	1963	1997	1992	1.35	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-02LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD573DL	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 16:19:40	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	148581	149126	148140	148615	0.33	cps
Antimony	121-1	317	323	397	346	12.85	cps
Arsenic	75-2	900	930	1017	949	6.38	cps
Barium	135-1	17945	18369	18412	18242	1.42	cps
Barium	137-1	31819	31976	31388	31728	0.96	cps
Beryllium	9-1	107	97	110	104	6.64	cps
Bismuth	209-1	2350402	2424653	2459873	2411643	2.32	cps
Bismuth	209-2	1873656	1910165	1900257	1894693	1.00	cps
Bromine	81-1	5981	5544	5755	5760	3.79	cps
Bromine	81-2	40	40	57	46	21.13	cps
Cadmium	108-1	7	3	10	7	50.03	cps
Cadmium	106-1	1267	1177	1083	1176	7.80	cps
Cadmium	111-1	975	898	868	914	6.06	cps
Calcium	43-1	7095	7275	7142	7171	1.30	cps
Calcium	44-1	119600	119865	119879	119781	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3614	3707	3747	3689	1.85	cps
Cobalt	59-2	4851	4524	4817	4731	3.80	cps
Copper	63-2	9793	10164	10137	10031	2.06	cps
Dysprosium	156-1	1603	1717	1820	1713	6.33	cps
Dysprosium	156-2	1153	1390	1380	1308	10.24	cps
Erbium	164-1	1313	1347	1580	1413	10.28	cps
Erbium	164-2	887	977	993	952	6.03	cps
Gadolinium	160-1	1647	1557	1593	1599	2.83	cps
Gadolinium	160-2	1130	1177	1260	1189	5.54	cps
Holmium	165-1	3606376	3746165	3826726	3726422	2.99	cps
Holmium	165-2	2599983	2556253	2574287	2576841	0.85	cps
Indium	115-1	2650046	2743472	2832337	2741952	3.32	cps
Indium	115-2	866606	862917	854830	861451	0.70	cps
Iron	56-2	4678848	4589880	4665799	4644842	1.03	cps
Iron	57-2	118670	118690	119698	119020	0.49	cps
Iron	54-2	260181	260700	259958	260280	0.15	cps
Krypton	83-1	67	110	73	83	28.00	cps

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-02LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD573DL	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 16:19:40	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17188	17168	17788	17381	2.03	cps
Lead	207-1	15549	15703	14878	15377	2.85	cps
Lead	208-1	68457	69152	69623	69077	0.85	cps
Lithium	6-1	648674	674556	684038	669089	2.74	cps
Magnesium	24-2	120363	121115	121101	120860	0.36	cps
Manganese	55-2	112645	112207	111502	112118	0.51	cps
Molybdenum	94-1	767	747	760	758	1.34	cps
Molybdenum	95-1	117	133	113	121	8.85	cps
Molybdenum	96-1	323	280	277	293	8.88	cps
Molybdenum	97-1	60	37	60	52	25.79	cps
Molybdenum	98-1	140	167	227	178	24.97	cps
Neodymium	150-1	2407	2694	2577	2559	5.63	cps
Neodymium	150-2	1507	1443	1387	1446	4.15	cps
Nickel	60-2	993	1103	1127	1074	6.63	cps
Phosphorus	31-2	823	850	787	820	3.88	cps
Potassium	39-2	103925	105512	103918	104452	0.88	cps
Rhodium	103-1	2304413	2366101	2422526	2364347	2.50	cps
Rhodium	103-2	1310743	1306705	1301903	1306450	0.34	cps
Scandium	45-1	1335985	1398853	1417141	1383993	3.08	cps
Scandium	45-2	119271	121465	118996	119911	1.13	cps
Selenium	82-1	115	70	119	101	26.72	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	103	100	107	103	3.23	cps
Silicon	28-1	900436	903517	903495	902483	0.20	cps
Silver	107-1	153	137	183	158	14.99	cps
Silver	109-1	173	143	133	150	13.88	cps
Sodium	23-2	12562	12622	12418	12534	0.83	cps
Strontium	86-1	3691	3744	3681	3705	0.92	cps
Strontium	88-1	30341	30993	31313	30882	1.60	cps
Sulfur	34-1	87368	87921	87351	87547	0.37	cps
Terbium	159-1	3607043	3771623	3906912	3761859	3.99	cps
Terbium	159-2	2496627	2465439	2495206	2485757	0.71	cps
Thallium	203-1	110	97	90	99	10.30	cps
Thallium	205-1	280	223	250	251	11.29	cps
Tin	118-1	1313	1267	1270	1283	2.03	cps
Titanium	47-1	24163	24053	23445	23887	1.62	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-02LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD573DL	Dilution Factor :	20
Date & Time Acquired :	2024-10-14 16:19:40	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	507	487	483	492	2.56	cps
Vanadium	51-2	8196	8419	8026	8213	2.40	cps
Yttrium	89-1	4277971	4379125	4478127	4378407	2.29	cps
Yttrium	89-2	1114179	1111527	1100856	1108854	0.64	cps
Zinc	66-2	5531	5271	4901	5234	6.05	cps
Zirconium	90-1	2003	1853	1787	1881	5.90	cps
Zirconium	91-1	493	413	357	421	16.31	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:23:02	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3826290	3705063	3727682	3753012	1.72	cps
Antimony	121-1	331958	337460	337252	335557	0.93	cps
Arsenic	75-2	27793	26874	27399	27355	1.68	cps
Barium	135-1	2360471	2377507	2364093	2367357	0.38	cps
Barium	137-1	4027429	4058272	4033822	4039841	0.40	cps
Beryllium	9-1	32935	32958	33002	32965	0.10	cps
Bismuth	209-1	2476627	2465946	2436877	2459817	0.84	cps
Bismuth	209-2	1569363	2011033	1944045	1841480	12.93	cps
Bromine	81-1	6501	6482	6632	6538	1.25	cps
Bromine	81-2	197	220	183	200	9.28	cps
Cadmium	108-1	2874	2907	2817	2866	1.59	cps
Cadmium	106-1	5461	5331	5334	5375	1.38	cps
Cadmium	111-1	43053	43574	43485	43371	0.64	cps
Calcium	43-1	183228	186193	182810	184077	1.00	cps
Calcium	44-1	2775084	2782067	2777934	2778361	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	315050	309364	312622	312345	0.91	cps
Cobalt	59-2	943239	936855	941212	940435	0.35	cps
Copper	63-2	522893	512938	516189	517340	0.98	cps
Dysprosium	156-1	43310	43524	43103	43312	0.49	cps
Dysprosium	156-2	33901	32658	33630	33396	1.96	cps
Erbium	164-1	37059	37186	36651	36965	0.76	cps
Erbium	164-2	25113	24732	24431	24759	1.38	cps
Gadolinium	160-1	40161	41060	40391	40537	1.15	cps
Gadolinium	160-2	28395	28118	27747	28087	1.16	cps
Holmium	165-1	3828270	3890834	3877243	3865449	0.85	cps
Holmium	165-2	2469389	2766365	2716535	2650763	6.00	cps
Indium	115-1	2730406	2742404	2758980	2743930	0.52	cps
Indium	115-2	809560	905785	874216	863187	5.68	cps
Iron	56-2	118352618	115586948	117733362	117224309	1.24	cps
Iron	57-2	2919870	2899475	2867765	2895703	0.91	cps
Iron	54-2	6380013	6292066	6383937	6352005	0.82	cps
Krypton	83-1	137	133	100	123	16.44	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:23:02	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	476559	485566	486154	482760	1.11	cps
Lead	207-1	427641	436885	436153	433560	1.19	cps
Lead	208-1	1928024	1951867	1956304	1945398	0.78	cps
Lithium	6-1	692074	695494	704713	697427	0.94	cps
Magnesium	24-2	2979105	2918959	2931048	2943037	1.08	cps
Manganese	55-2	3255215	3194824	3244815	3231618	1.00	cps
Molybdenum	94-1	17944	17861	18001	17936	0.39	cps
Molybdenum	95-1	2037	2097	1913	2016	4.64	cps
Molybdenum	96-1	6321	6201	6225	6249	1.02	cps
Molybdenum	97-1	1297	1393	1307	1332	3.99	cps
Molybdenum	98-1	3344	3167	3224	3245	2.78	cps
Neodymium	150-1	66790	67698	67862	67450	0.86	cps
Neodymium	150-2	38115	37690	37533	37779	0.80	cps
Nickel	60-2	231898	229581	230763	230748	0.50	cps
Phosphorus	31-2	17200	16976	17273	17150	0.90	cps
Potassium	39-2	1890160	1825132	1859397	1858230	1.75	cps
Rhodium	103-1	2408648	2381032	2400437	2396705	0.59	cps
Rhodium	103-2	1219128	1410128	1320430	1316562	7.26	cps
Scandium	45-1	1492538	1525962	1512337	1510279	1.11	cps
Scandium	45-2	119836	136038	129333	128402	6.34	cps
Selenium	82-1	5737	5612	5533	5628	1.83	cps
Selenium	77-2	597	610	630	612	2.74	cps
Selenium	78-2	1860	1827	1697	1795	4.81	cps
Silicon	28-1	19490211	19646542	19484931	19540561	0.47	cps
Silver	107-1	190645	193930	194266	192947	1.04	cps
Silver	109-1	184039	185912	185501	185151	0.53	cps
Sodium	23-2	83418	83639	85090	84049	1.08	cps
Strontium	86-1	90040	90284	91301	90542	0.74	cps
Strontium	88-1	783596	791845	791259	788900	0.58	cps
Sulfur	34-1	98998	97096	97233	97776	1.08	cps
Terbium	159-1	3897317	3853867	3927604	3892929	0.95	cps
Terbium	159-2	2373960	2671254	2569021	2538078	5.95	cps
Thallium	203-1	162942	166797	167316	165685	1.44	cps
Thallium	205-1	390840	394295	397579	394238	0.85	cps
Tin	118-1	12175	12302	12419	12299	0.99	cps
Titanium	47-1	601590	611473	608545	607203	0.84	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	P2830-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD573S	Dilution Factor :	4
Date & Time Acquired :	2024-10-14 16:23:02	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12906	12843	13073	12941	0.92	cps
Vanadium	51-2	709968	701750	706615	706111	0.59	cps
Yttrium	89-1	4991102	4929757	5011463	4977441	0.85	cps
Yttrium	89-2	1165428	1294175	1253202	1237602	5.31	cps
Zinc	66-2	226761	223582	224942	225095	0.71	cps
Zirconium	90-1	45249	44952	45082	45094	0.33	cps
Zirconium	91-1	10150	9963	10317	10144	1.74	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCV080	Instrumnet Name :	P7
Client Sample ID :	CCV080	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 16:26:17	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4454938	4448306	4413022	4438755	0.51	cps
Antimony	121-1	2162240	2183443	2231041	2192241	1.61	cps
Arsenic	75-2	89641	88666	89735	89348	0.66	cps
Barium	135-1	2860702	3004767	2941293	2935588	2.46	cps
Barium	137-1	4933662	5113251	5140059	5062324	2.22	cps
Beryllium	9-1	388596	396740	403826	396387	1.92	cps
Bismuth	209-1	2289023	2271922	2292408	2284451	0.48	cps
Bismuth	209-2	1549998	1558585	1546658	1551747	0.40	cps
Bromine	81-1	5591	5648	6071	5770	4.55	cps
Bromine	81-2	37	30	30	32	11.95	cps
Cadmium	108-1	35818	36315	37538	36557	2.42	cps
Cadmium	106-1	52555	53749	54615	53640	1.93	cps
Cadmium	111-1	486257	490830	494498	490528	0.84	cps
Calcium	43-1	2617337	2685715	2759536	2687529	2.65	cps
Calcium	44-1	41971854	42070597	42524333	42188928	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	717135	714739	714028	715301	0.23	cps
Cobalt	59-2	1040975	1042087	1046168	1043077	0.26	cps
Copper	63-2	7131312	7102859	7132741	7122304	0.24	cps
Dysprosium	156-1	237	190	210	212	11.03	cps
Dysprosium	156-2	257	310	230	266	15.34	cps
Erbium	164-1	137	123	130	130	5.13	cps
Erbium	164-2	97	100	120	106	11.95	cps
Gadolinium	160-1	153	140	157	150	5.88	cps
Gadolinium	160-2	190	217	177	194	10.47	cps
Holmium	165-1	3769861	3897850	3804727	3824146	1.73	cps
Holmium	165-2	2611364	2574084	2539078	2574842	1.40	cps
Indium	115-1	2285552	2300273	2328413	2304746	0.94	cps
Indium	115-2	691221	690175	693868	691755	0.28	cps
Iron	56-2	155820561	155733014	155693051	155748875	0.04	cps
Iron	57-2	3844571	3862711	3899099	3868794	0.72	cps
Iron	54-2	8483210	8607850	8455933	8515664	0.95	cps
Krypton	83-1	73	57	63	64	13.01	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCV080	Instrumnet Name :	P7
Client Sample ID :	CCV080	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 16:26:17	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9132190	9328484	9372685	9277787	1.38	cps
Lead	207-1	8020018	8142106	8135809	8099311	0.85	cps
Lead	208-1	36286156	37071783	36983288	36780409	1.17	cps
Lithium	6-1	669388	671799	684465	675217	1.20	cps
Magnesium	24-2	35442530	35649373	35556723	35549542	0.29	cps
Manganese	55-2	5609933	5626957	5527471	5588120	0.95	cps
Molybdenum	94-1	6317862	6424571	6507481	6416638	1.48	cps
Molybdenum	95-1	8876529	8987752	9105579	8989953	1.27	cps
Molybdenum	96-1	9710193	9877710	9826274	9804726	0.88	cps
Molybdenum	97-1	5532551	5670280	5681588	5628140	1.47	cps
Molybdenum	98-1	14429068	14539094	14798291	14588817	1.30	cps
Neodymium	150-1	350	373	367	363	3.31	cps
Neodymium	150-2	103	117	157	126	22.11	cps
Nickel	60-2	255849	255070	257863	256261	0.56	cps
Phosphorus	31-2	4527	4477	4737	4581	3.01	cps
Potassium	39-2	21873900	21765707	21774266	21804624	0.28	cps
Rhodium	103-1	2192493	2205781	2172720	2190332	0.76	cps
Rhodium	103-2	1208476	1209661	1206152	1208096	0.15	cps
Scandium	45-1	1400735	1383317	1414582	1399545	1.12	cps
Scandium	45-2	121915	121492	121710	121706	0.17	cps
Selenium	82-1	27206	27396	27651	27418	0.82	cps
Selenium	77-2	2550	2767	2540	2619	4.89	cps
Selenium	78-2	8823	8673	9233	8909	3.26	cps
Silicon	28-1	21312961	21224743	21296256	21277987	0.22	cps
Silver	107-1	2343719	2385827	2424914	2384820	1.70	cps
Silver	109-1	2228614	2251033	2278085	2252577	1.10	cps
Sodium	23-2	60319969	59412751	59745799	59826173	0.77	cps
Strontium	86-1	16019621	16271666	16317612	16202967	0.99	cps
Strontium	88-1	140475865	141313725	142208995	141332861	0.61	cps
Sulfur	34-1	255085	257739	260969	257931	1.14	cps
Terbium	159-1	3852796	3854223	3892998	3866672	0.59	cps
Terbium	159-2	2520756	2461477	2550123	2510785	1.80	cps
Thallium	203-1	2304536	2344357	2399067	2349320	2.02	cps
Thallium	205-1	5530863	5625097	5632243	5596068	1.01	cps
Tin	118-1	15897557	16060053	16374016	16110542	1.50	cps
Titanium	47-1	2117733	2128019	2158155	2134636	0.98	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCV080	Instrumnet Name :	P7
Client Sample ID :	CCV080	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 16:26:17	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7655472	7640259	7817847	7704526	1.28	cps
Vanadium	51-2	657044	655078	653211	655111	0.29	cps
Yttrium	89-1	4414451	4388042	4443550	4415348	0.63	cps
Yttrium	89-2	1100144	1093394	1100418	1097985	0.36	cps
Zinc	66-2	1184727	1193438	1193183	1190449	0.42	cps
Zirconium	90-1	3421805	3426723	3478568	3442365	0.91	cps
Zirconium	91-1	745004	757136	762229	754790	1.17	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCB080	Instrumnet Name :	P7
Client Sample ID :	CCB080	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 16:29:39	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	227	490	310	50.34	cps
Antimony	121-1	750	847	903	833	9.30	cps
Arsenic	75-2	7	10	10	9	21.63	cps
Barium	135-1	140	103	137	127	16.01	cps
Barium	137-1	297	257	183	246	23.41	cps
Beryllium	9-1	270	297	243	270	9.88	cps
Bismuth	209-1	2578467	2556412	2537687	2557522	0.80	cps
Bismuth	209-2	2003726	1975273	2023794	2000931	1.22	cps
Bromine	81-1	6165	5781	6251	6066	4.13	cps
Bromine	81-2	33	47	30	37	24.06	cps
Cadmium	108-1	0	17	10	9	94.38	cps
Cadmium	106-1	1397	1313	1313	1341	3.59	cps
Cadmium	111-1	1031	931	946	969	5.57	cps
Calcium	43-1	1850	1827	1737	1805	3.32	cps
Calcium	44-1	30197	29836	28978	29670	2.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	187	170	217	191	12.37	cps
Cobalt	59-2	73	107	147	109	33.72	cps
Copper	63-2	817	640	980	812	20.94	cps
Dysprosium	156-1	30	23	7	20	60.08	cps
Dysprosium	156-2	0	0	20	7	173.21	cps
Erbium	164-1	13	23	23	20	28.87	cps
Erbium	164-2	7	3	20	10	88.20	cps
Gadolinium	160-1	10	7	10	9	21.63	cps
Gadolinium	160-2	80	120	123	108	22.38	cps
Holmium	165-1	3911575	3900614	3903206	3905132	0.15	cps
Holmium	165-2	2665103	2614376	2601127	2626869	1.29	cps
Indium	115-1	2895392	2886374	2850220	2877329	0.83	cps
Indium	115-2	892233	886690	881865	886929	0.58	cps
Iron	56-2	12609	12425	16662	13899	17.23	cps
Iron	57-2	820	747	787	784	4.68	cps
Iron	54-2	1153	1247	1397	1266	9.70	cps
Krypton	83-1	90	47	83	73	31.81	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCB080	Instrumnet Name :	P7
Client Sample ID :	CCB080	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 16:29:39	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	917	727	710	784	14.64	cps
Lead	207-1	710	653	590	651	9.22	cps
Lead	208-1	3370	3040	2940	3117	7.22	cps
Lithium	6-1	707601	715011	719143	713918	0.82	cps
Magnesium	24-2	2624	2434	3371	2809	17.64	cps
Manganese	55-2	390	300	487	392	23.80	cps
Molybdenum	94-1	417	370	437	408	8.39	cps
Molybdenum	95-1	383	357	450	397	12.12	cps
Molybdenum	96-1	487	427	537	483	11.39	cps
Molybdenum	97-1	267	290	273	277	4.35	cps
Molybdenum	98-1	677	667	767	703	7.83	cps
Neodymium	150-1	0	3	3	2	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	63	73	59	29.04	cps
Phosphorus	31-2	113	100	67	93	25.75	cps
Potassium	39-2	31285	31456	31573	31438	0.46	cps
Rhodium	103-1	2516743	2529410	2500829	2515661	0.57	cps
Rhodium	103-2	1370160	1354372	1346146	1356893	0.90	cps
Scandium	45-1	1441996	1451403	1446517	1446639	0.33	cps
Scandium	45-2	124160	123454	121119	122911	1.29	cps
Selenium	82-1	94	145	81	107	31.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	83	123	109	20.38	cps
Silicon	28-1	165798	161193	158054	161682	2.41	cps
Silver	107-1	267	230	213	237	11.53	cps
Silver	109-1	343	243	230	272	22.76	cps
Sodium	23-2	16856	16512	17422	16930	2.71	cps
Strontium	86-1	687	590	637	638	7.58	cps
Strontium	88-1	5238	4637	4121	4665	11.98	cps
Sulfur	34-1	111600	111567	110059	111076	0.79	cps
Terbium	159-1	3944916	4017715	3951038	3971223	1.02	cps
Terbium	159-2	2558479	2557202	2550198	2555293	0.17	cps
Thallium	203-1	283	260	173	239	24.26	cps
Thallium	205-1	737	577	533	616	17.40	cps
Tin	118-1	1810	2027	2100	1979	7.62	cps
Titanium	47-1	120	120	130	123	4.68	cps

Reviewed By:Mohan
On:10/16/2024 4:13:57 AM
Inst Id :P7

LB Number :	LB132954	Operator :	Jaswal
Lab Sample ID :	CCB080	Instrumnet Name :	P7
Client Sample ID :	CCB080	Dilution Factor :	1
Date & Time Acquired :	2024-10-14 16:29:39	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	240	173	203	206	16.24	cps
Vanadium	51-2	43	30	67	47	39.77	cps
Yttrium	89-1	4590725	4647961	4572613	4603766	0.85	cps
Yttrium	89-2	1141452	1129619	1124727	1131933	0.76	cps
Zinc	66-2	177	140	163	160	11.60	cps
Zirconium	90-1	413	483	457	451	7.83	cps
Zirconium	91-1	87	103	120	103	16.13	cps

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Prep Standard - Chemical Standard Summary

Order ID : P2785

Test : Metals CLP MS FULL

Prepbatch ID : PB163570,

Sequence ID/Qc Batch ID: LB132658,LB132954,

Standard ID :
MP81119,MP82127,MP82170,MP82545,MP82568,MP82569,MP82570,MP82571,MP82572,MP82573,MP825
74,MP82575,MP82576,MP82577,MP82578,MP82579,MP82580,MP82581,MP82585,MP82586,MP82587,MP82593,

Chemical ID :
M4888,M5192,M5227,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,M581
7,M5818,M5819,M5820,M5873,M5874,M5935,M5961,M5962,M5965,M5976,M5978,M5981,M5982,M5983,M6021,M60
23,M6025,M6028,M6030,M6033,M6037,M6039,M6040,M6055,W2606,W3112,

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP81119	06/21/2024	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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Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP82170	09/04/2024	09/27/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/04/2024

FROM 0.25000ml of M5473 + 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 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 M4888 + 1.25000ml of M5192 + 1.25000ml of M5227 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5806 + 170.00000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 2.50000ml of M6039 + 5.00000ml of M5515 + 5.00000ml of M6037 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

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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
1389	AS 100PPM	MP82545	09/28/2024	10/23/2024	Sarabjit Jaswal	None	None	Mohan Bera 09/30/2024

FROM 1.00000ml of M5801 + 9.00000ml of MP82441 = Final Quantity: 10.000 ml

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

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Metals STANDARD PREPARATION LOG

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

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

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Metals STANDARD PREPARATION LOG

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

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

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	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

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

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Metals STANDARD PREPARATION LOG

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

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

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Metals STANDARD PREPARATION LOG

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

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

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Metals STANDARD PREPARATION LOG

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

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

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Metals STANDARD PREPARATION LOG

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

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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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
996	PB 100PPM	MP82593	09/29/2024	10/22/2024	Sarabjit Jaswal	None	None	Mohan Bera 09/30/2024

FROM 1.00000ml of M5513 + 9.00000ml of MP82568 = Final Quantity: 10.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57022 / Ti, 1000 PPM, 125 ml	070721	09/27/2024	08/06/2021 / jaswal	08/05/2021 / jaswal	M4888

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.	57023 / V, 1000 PPM, 125 ml	100121	10/01/2024	07/01/2022 / bin	10/18/2021 / bin	M5227

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

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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	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

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

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

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 /Al-Terek	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

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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

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

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

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

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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.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

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

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSB (ICPMS) STOCK SOLUTION	CP-MS ICSB-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	12/08/2024	06/21/2024 / Al-Terek	06/07/2024 / Al-Terek	M5935

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24B1362001	01/04/2025	07/05/2024 / Jaswal	07/03/2024 / Al-Terek	M5965

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

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57092 / U, 1000 PPM, 125 ml	060724	06/07/2027	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5981

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	06/12/2027	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	01/25/2019 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-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	02/01/2025	08/06/2024 / Janvi	08/01/2024 / Janvi	M6039

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

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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M6028

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903

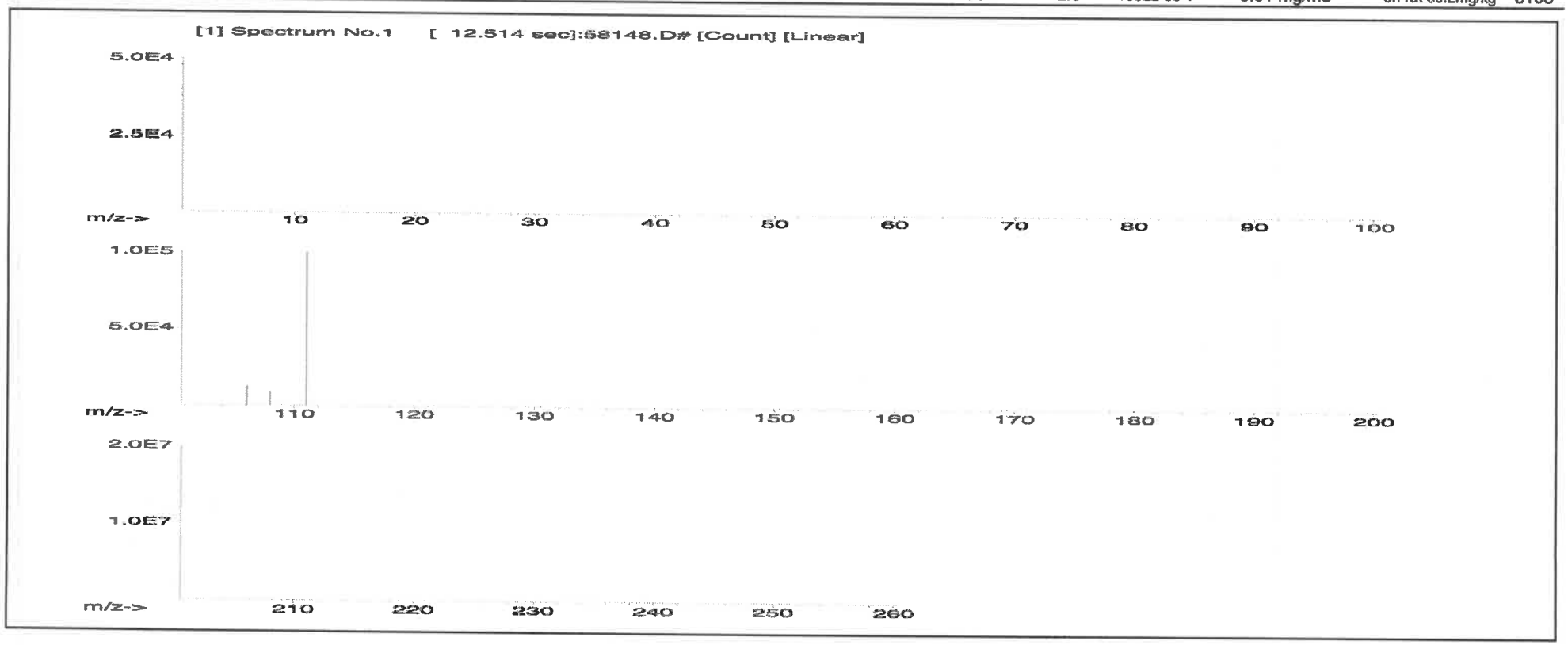
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**			**Lot #**	
Lot Number:	**070124**		**Solvent:**	24002546	Nitric Acid
Description:	**Cadmium (Cd)**		2%	40.0 (mL)	Nitric Acid
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



904

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:

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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905

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

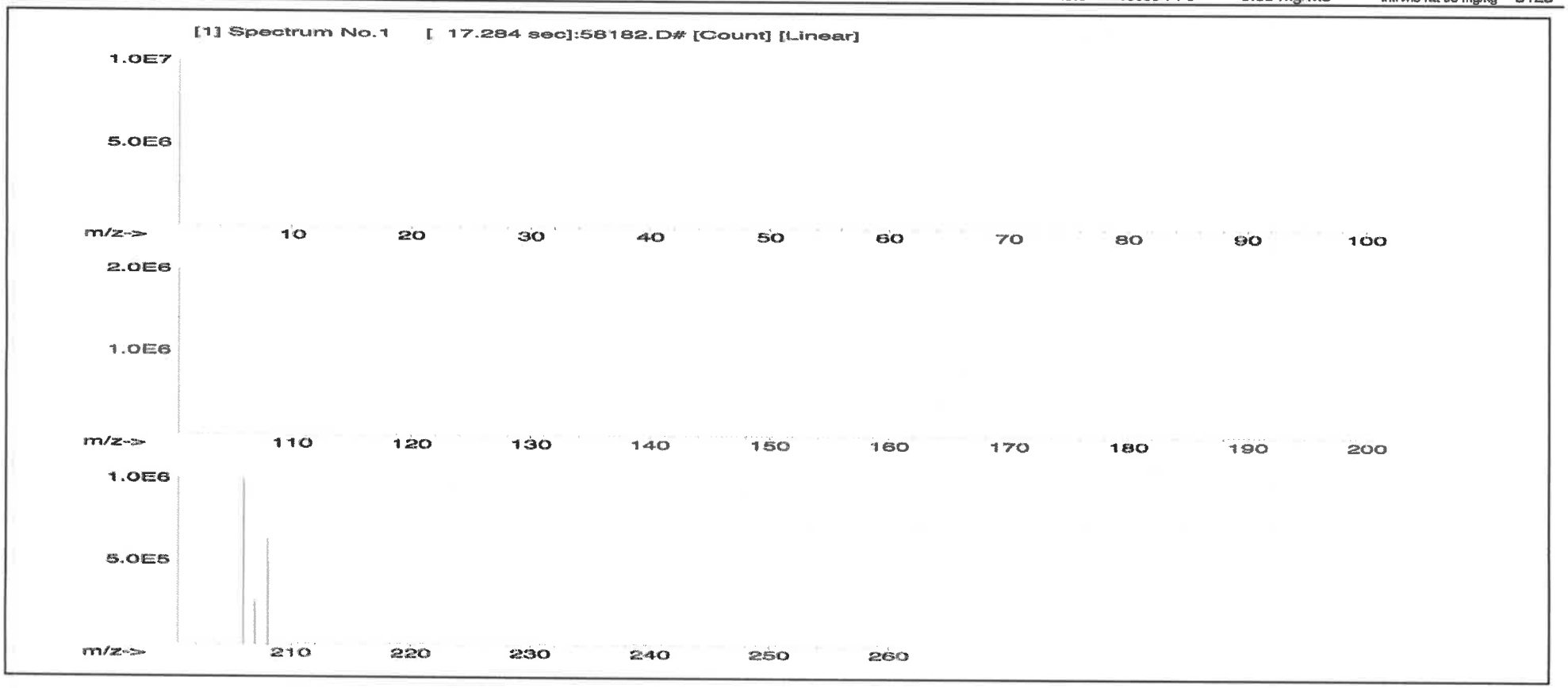
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		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



906

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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* 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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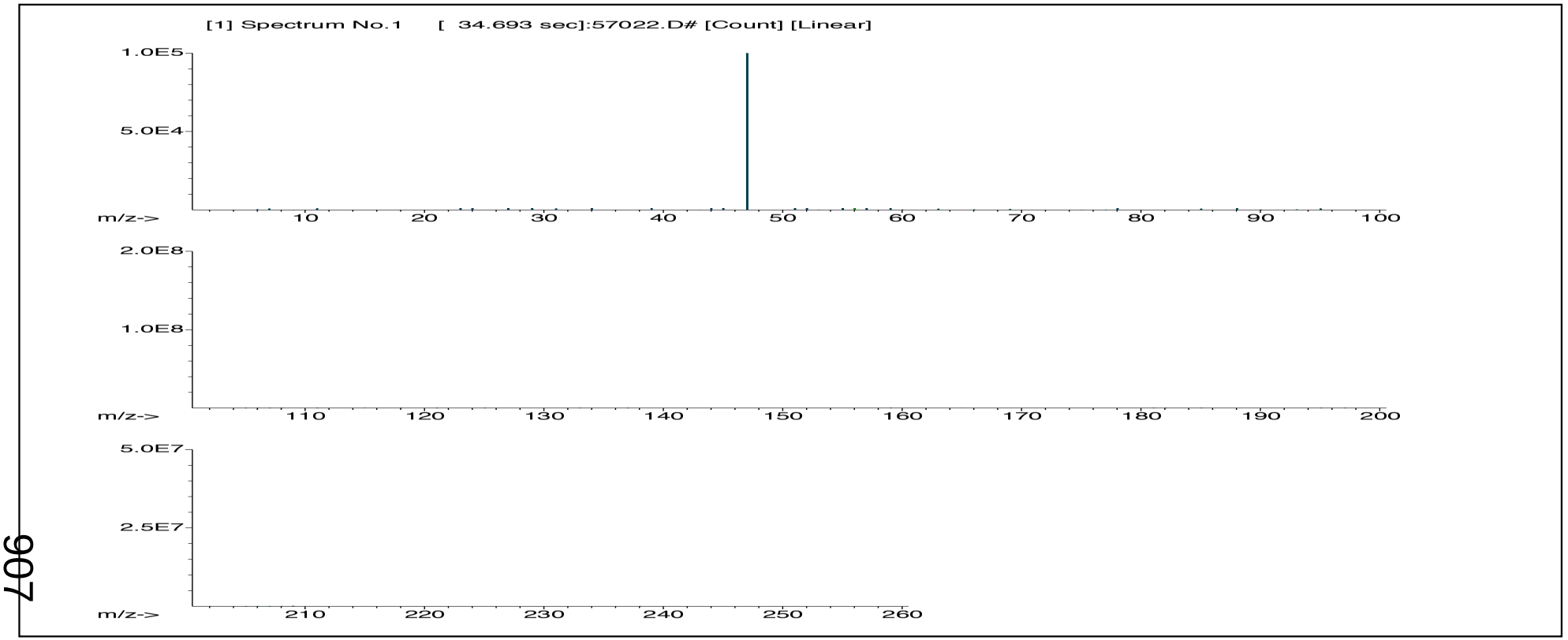
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57022**	20370011	Nitric Acid	
Lot Number:	**070721**			
Description:	**Titanium (Ti)**			
		2.0%	40.0	Nitric Acid
Expiration Date:	070724		(mL)	
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 070721
Reviewed By:	Pedro L. Rentas 070721

	Part	Lot	Dilution	Initial	Uncertainty	Nominal	Initial	**Final**	Expanded Uncertainty	**SDS Information** (Solvent Safety Info. On Attached pg.)			NIST
Compound	Number	Number	Factor	Vol. (mL)	Pipette	Conc. (µg/mL)	Conc. (µg/mL)	**Conc. (µg/mL)**	+/- (µg/mL)	CAS#	OSHA PEL (TWA)	LD50	SRM
1. Ammonium hexafluorotitanate (Ti)	58122	070120	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	16962-40-6	2.5 (F) mg/m3	NA	3162a



907

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	<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	T	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).

808

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M5192 R: 06/17/22

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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

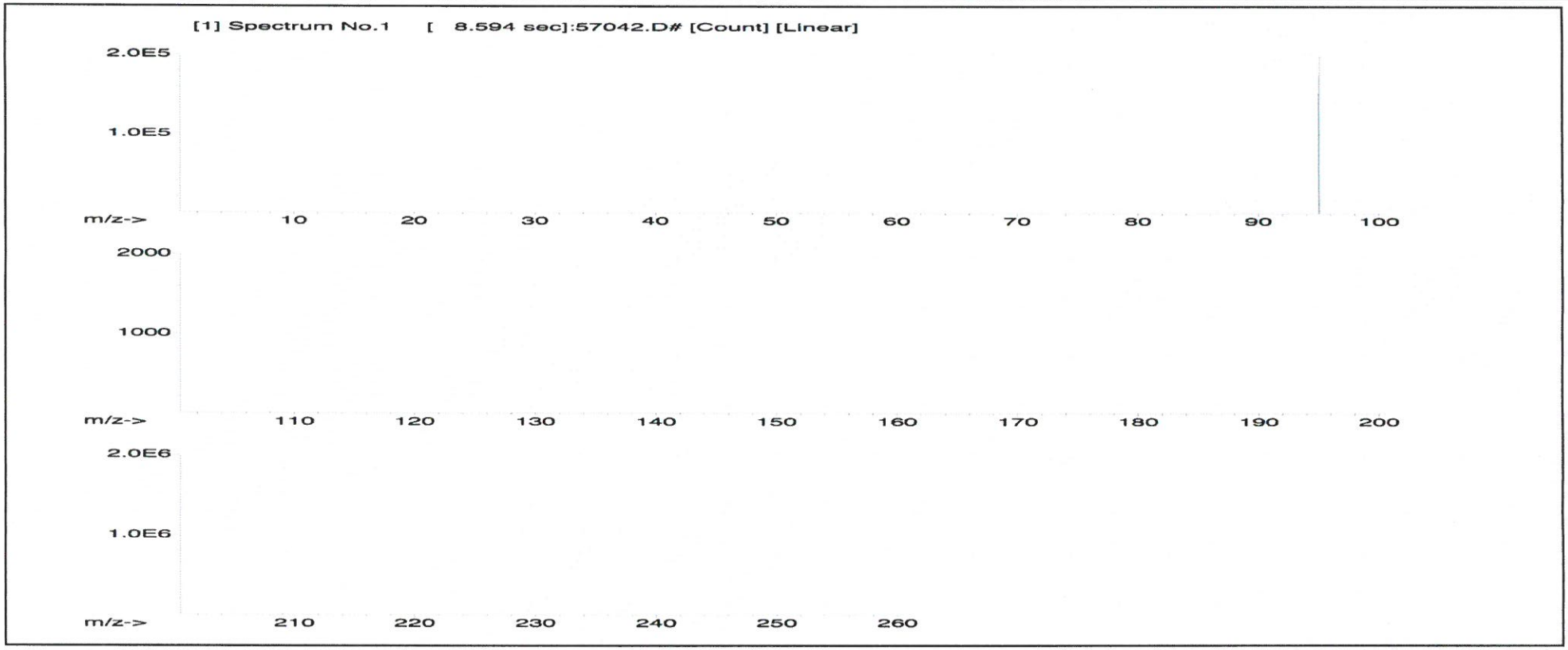
Lot #	Solvent:		
MKBQ8597V	Ammonium hydroxide		
0.5%	15.0 (mL)	Ammonium hydroxide	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By: Lawrence Barry 051722
Reviewed By: Pedro L. Rentas 051722

606

	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



910

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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* 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).

M5227 R: 10/18/2021

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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**	20370011	Nitric Acid	
Lot Number:	**100121**			
Description:	**Vanadium (V)**	2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	100124			
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):	3000.4	0.06	Flask Uncertainty	

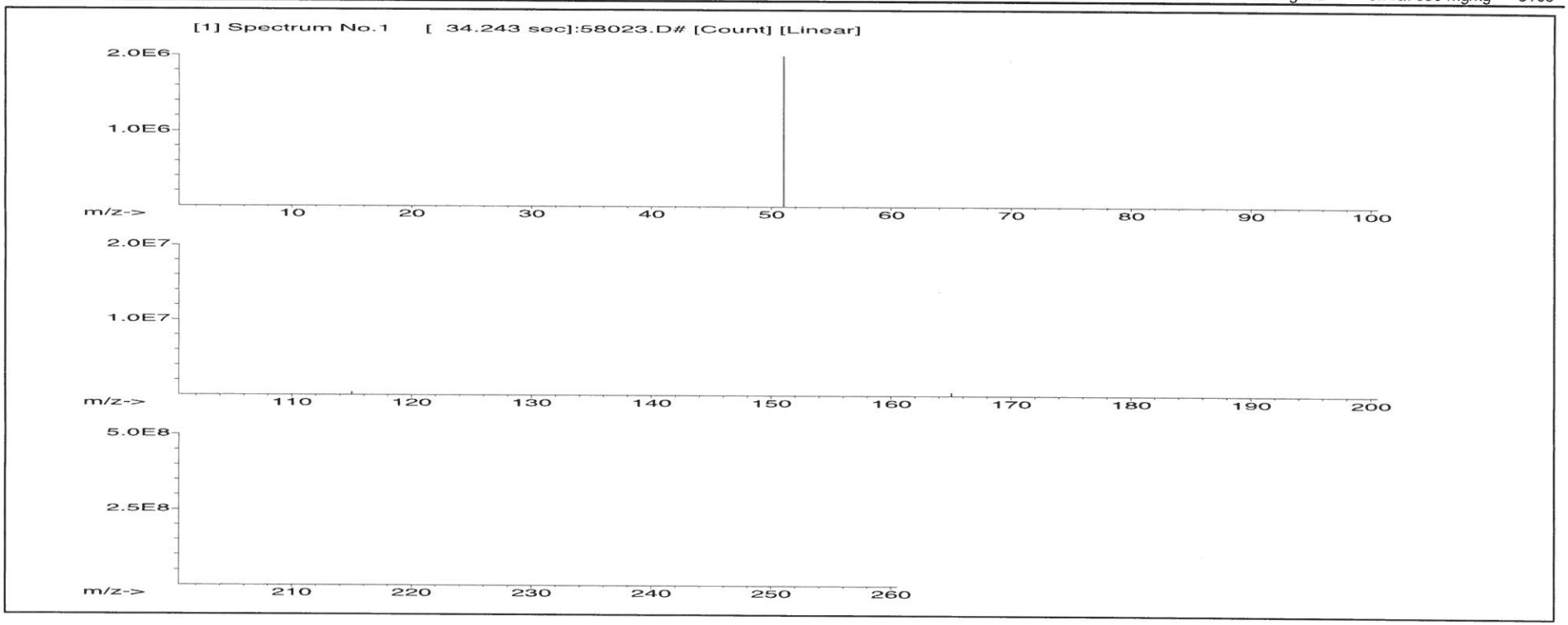
Giovanni Esposito

Formulated By:	Giovanni Esposito	100121

Pedro Rentas

Reviewed By:	Pedro L. Rentas	100121

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	070721	0.1000	300.0	0.084	1000	10000.4	**1000.0**	**2.1**	7803-55-6	1.0 mg/m3	orl-rat 630 mg/kg	3165



911

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	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).

912

V15200 R: 04/24/22 (BP)

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

913

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

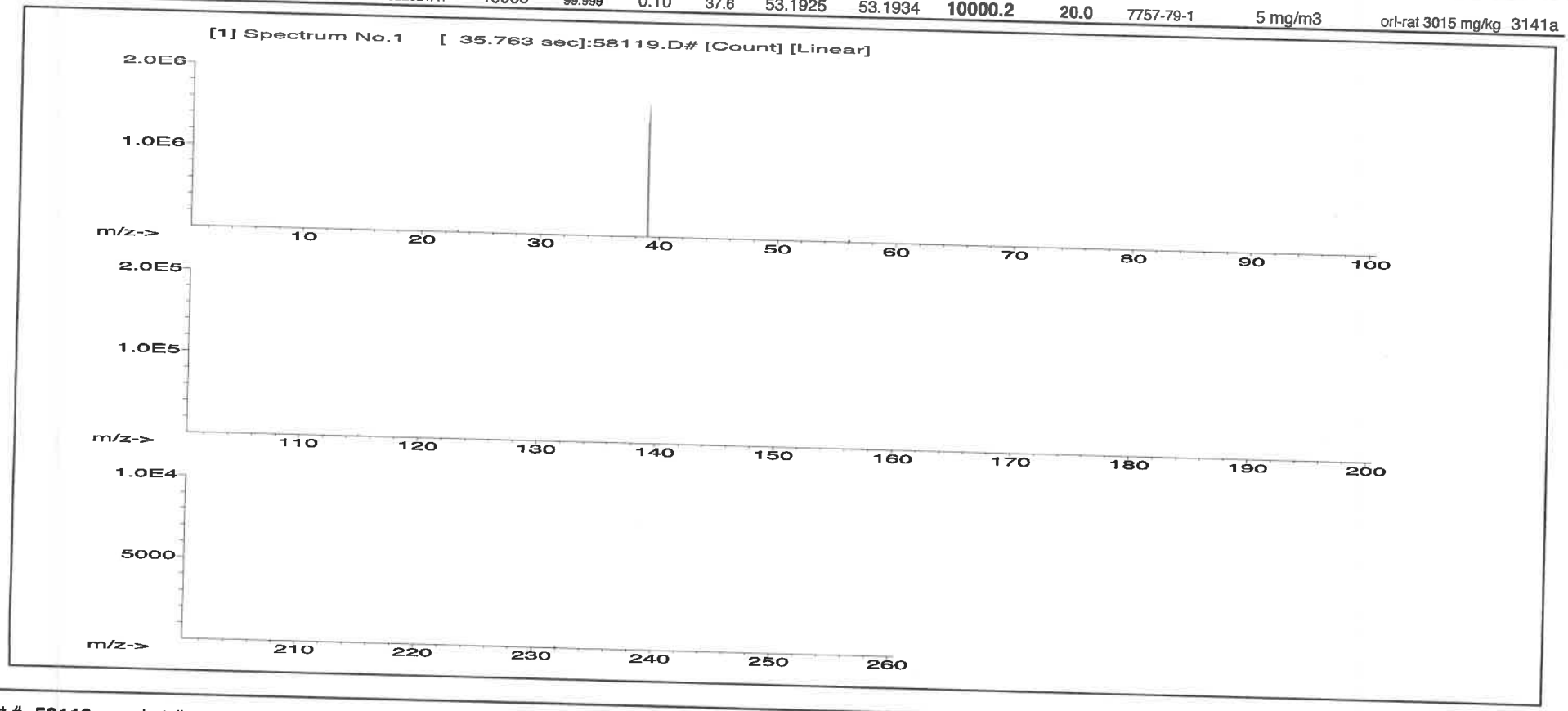
Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

		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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* 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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M5289 R: 07/12/22 BH

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58113
Lot Number: 070622
Description: Aluminum (Al)

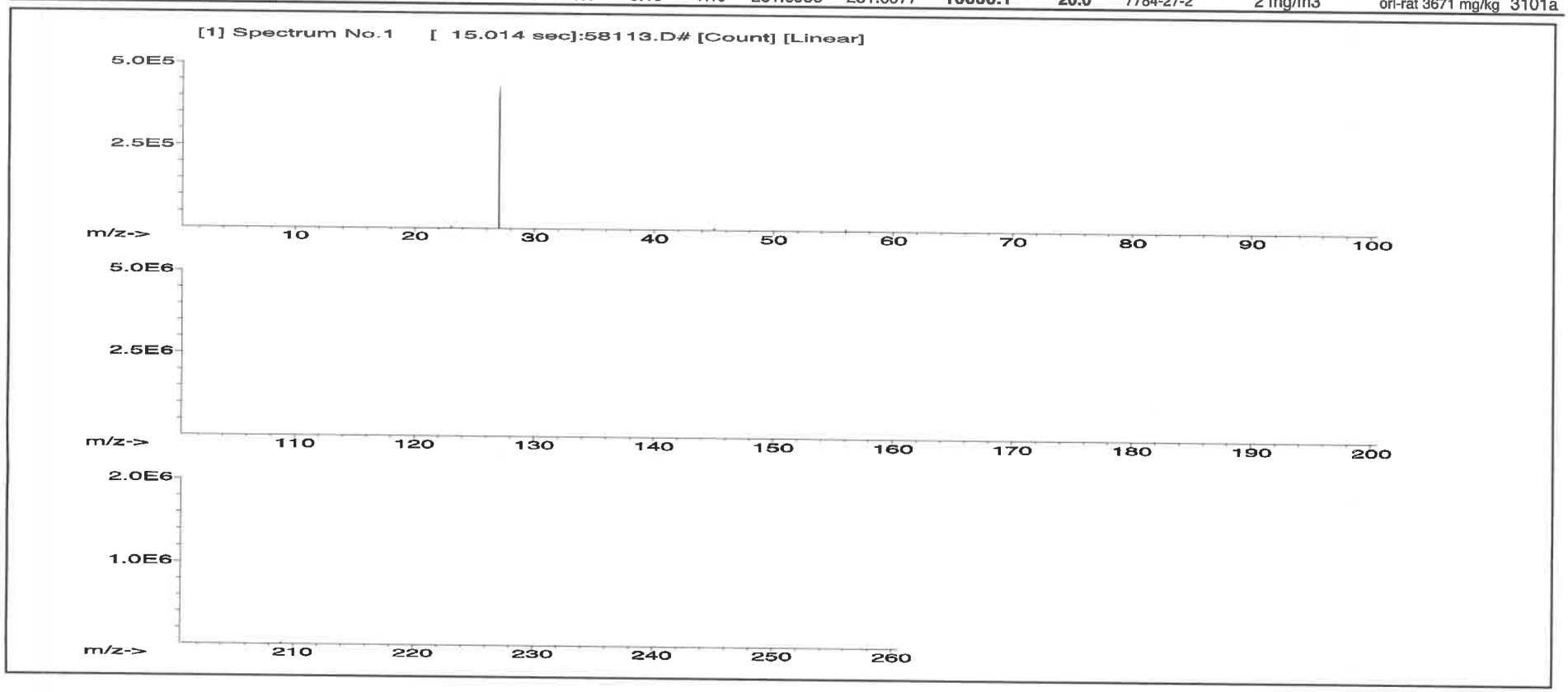
Expiration Date: 070625
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02 ± 0.058 Flask Uncertainty

		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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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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).

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

IM5291
IM5292
IM5293
IM5294
IM5295

(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

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	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 (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

Low Silver Note: This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 · M5389 · M5390 · M5391 · M5392

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

923

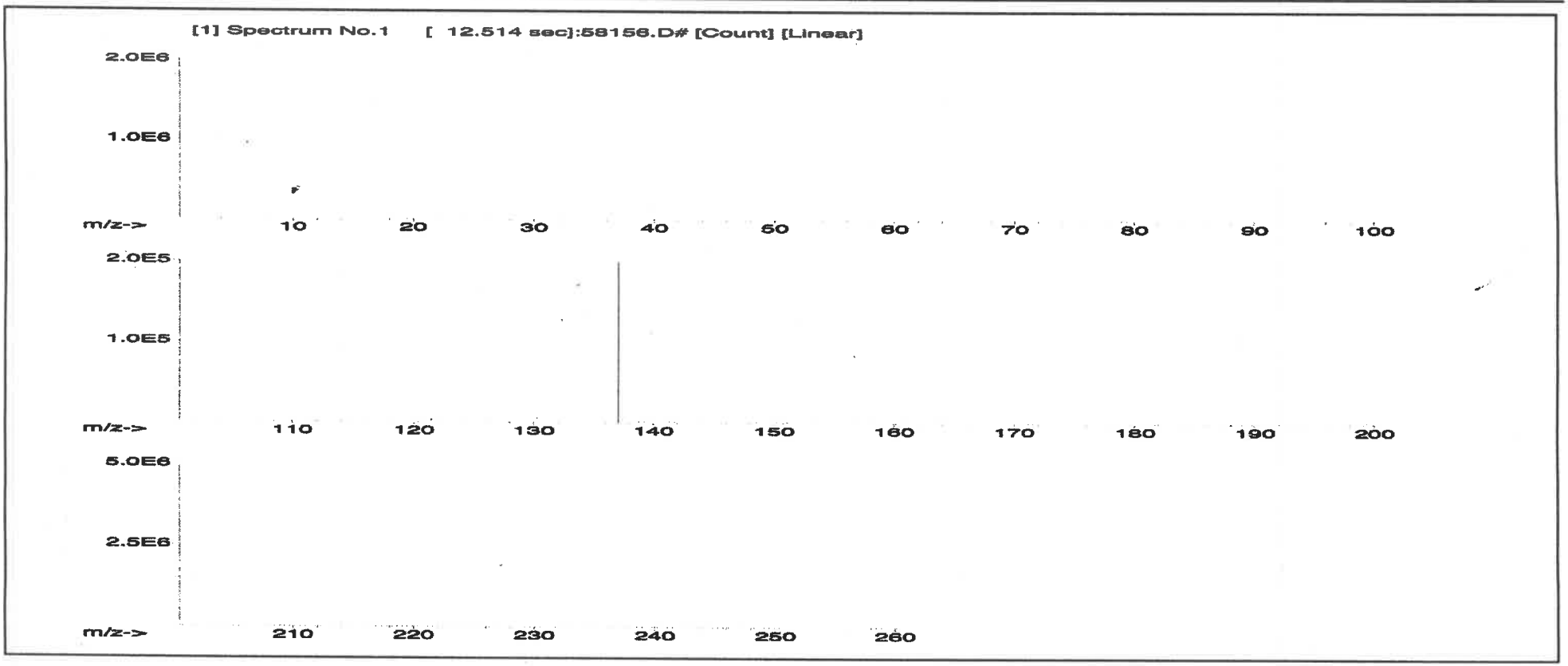
CERTIFIED WEIGHT REPORT:

			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).

6274

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IN5497 - IN5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

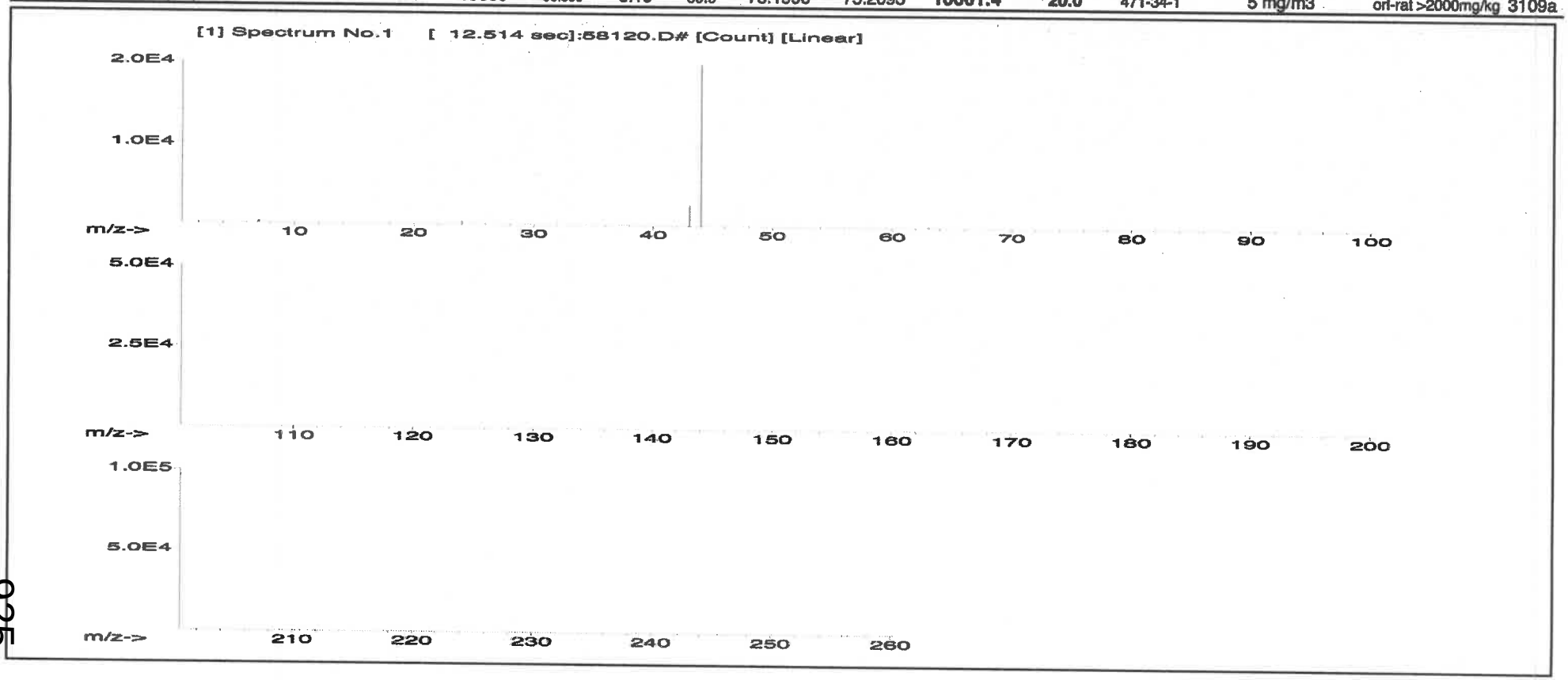
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	031523
Reviewed By:	Pedro L. Rentas	031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



925

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* 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).

9269

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Certified Reference Material CRM

MS513 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

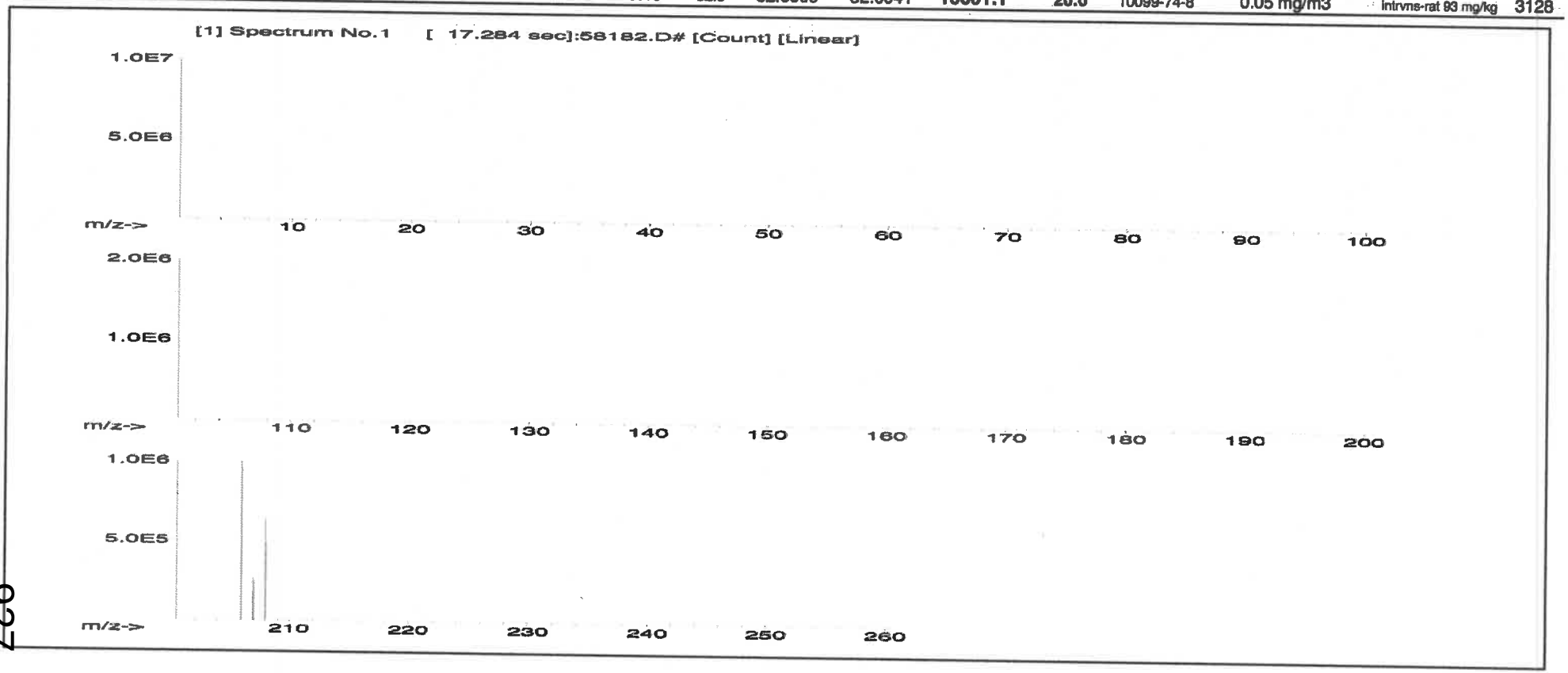
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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



927

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.

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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).

6328

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MS514 - MS515 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

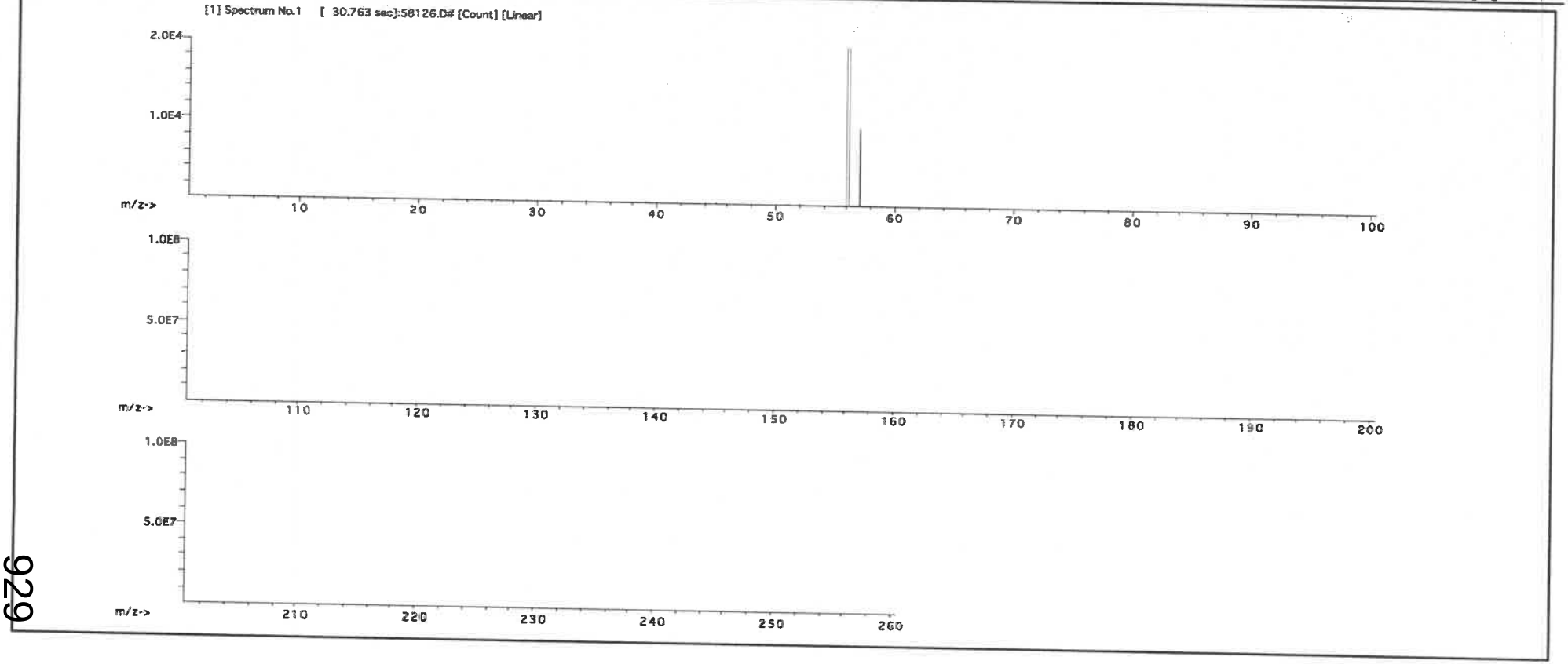
	Lot #		
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.12 Flask 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



929

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.

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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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M5519. M5520 (BH) R:03/17/23

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931

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.4

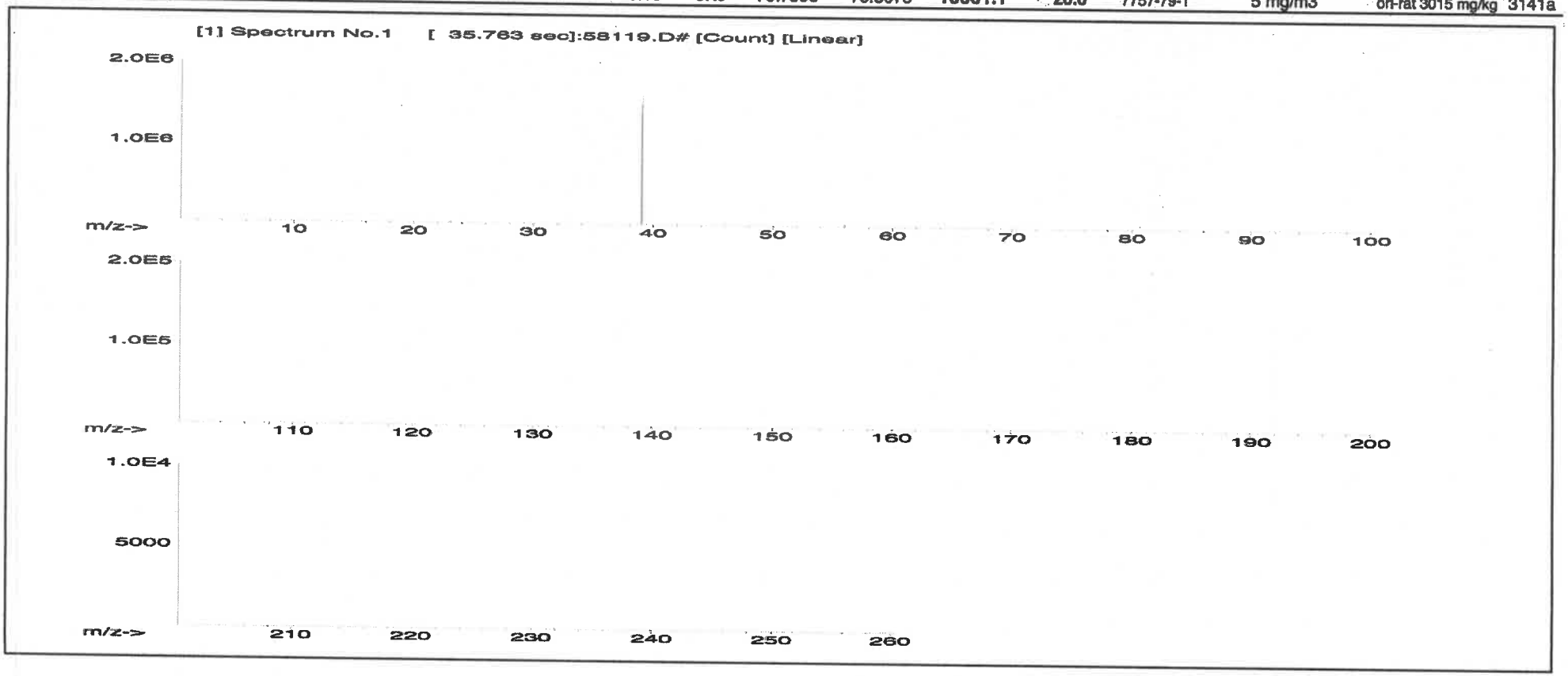
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



932

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:



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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

INORGANIC VENTURES
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

M5657 A: 8/29/22

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-4
Lot Number:	T2-MEB721144
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead,
	10 µg/mL ea: Selenium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	99.9 ± 0.8 µg/mL	Arsenic, As	40.00 ± 0.25 µg/mL
Cadmium, Cd	49.96 ± 0.22 µg/mL	Lead, Pb	19.99 ± 0.10 µg/mL
Selenium, Se	10.00 ± 0.06 µg/mL	Thallium, Tl	49.96 ± 0.32 µg/mL

Density: 1.014 g/mL (measured at 20 ± 4 °C)

Assay Information:

938

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

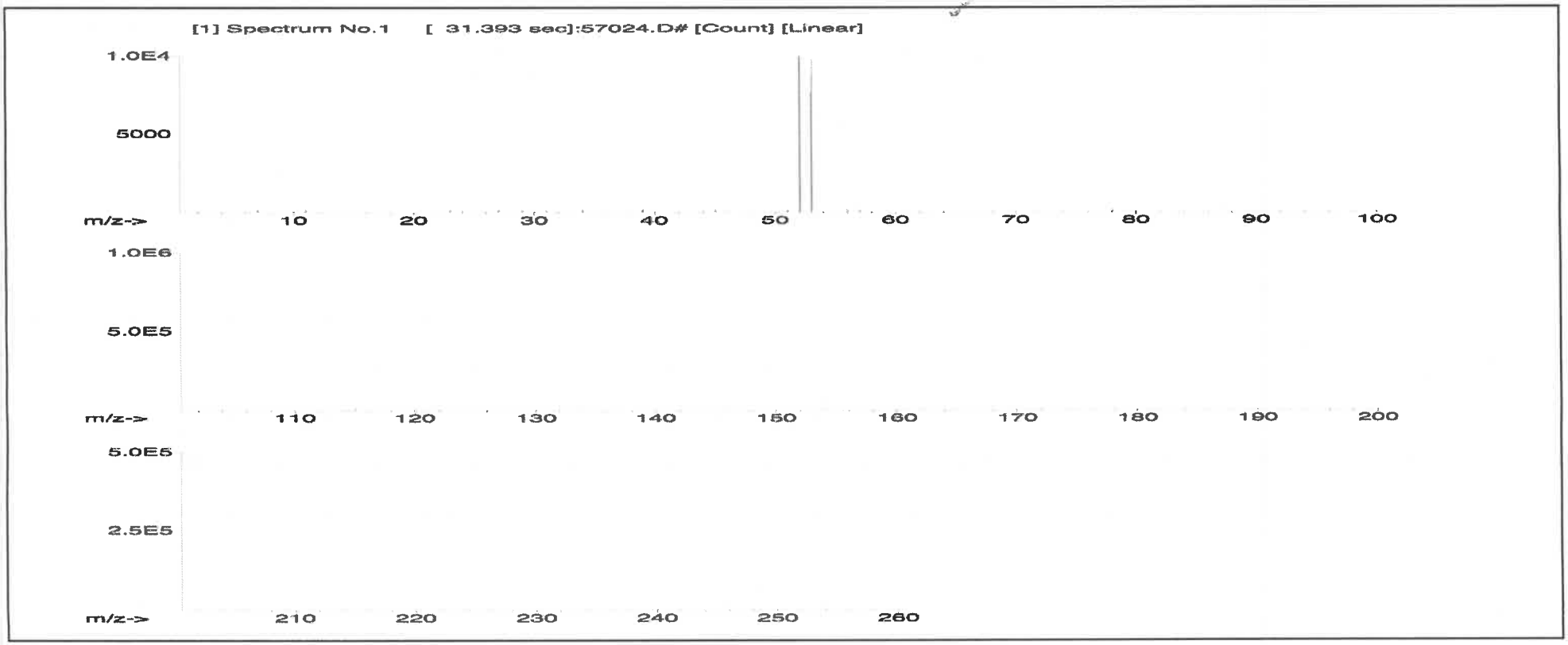
942

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



943

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5697 R: 10/27/23

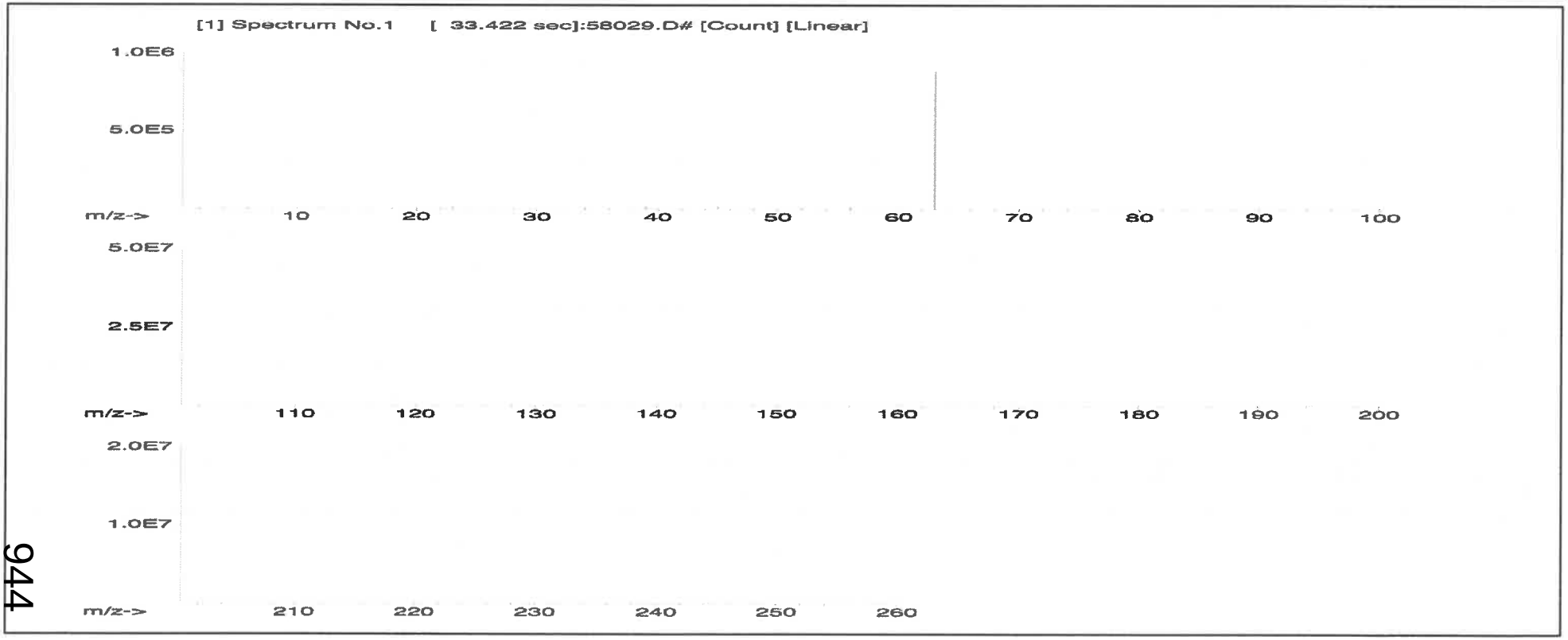
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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



944

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).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5648 R: 10/27/23

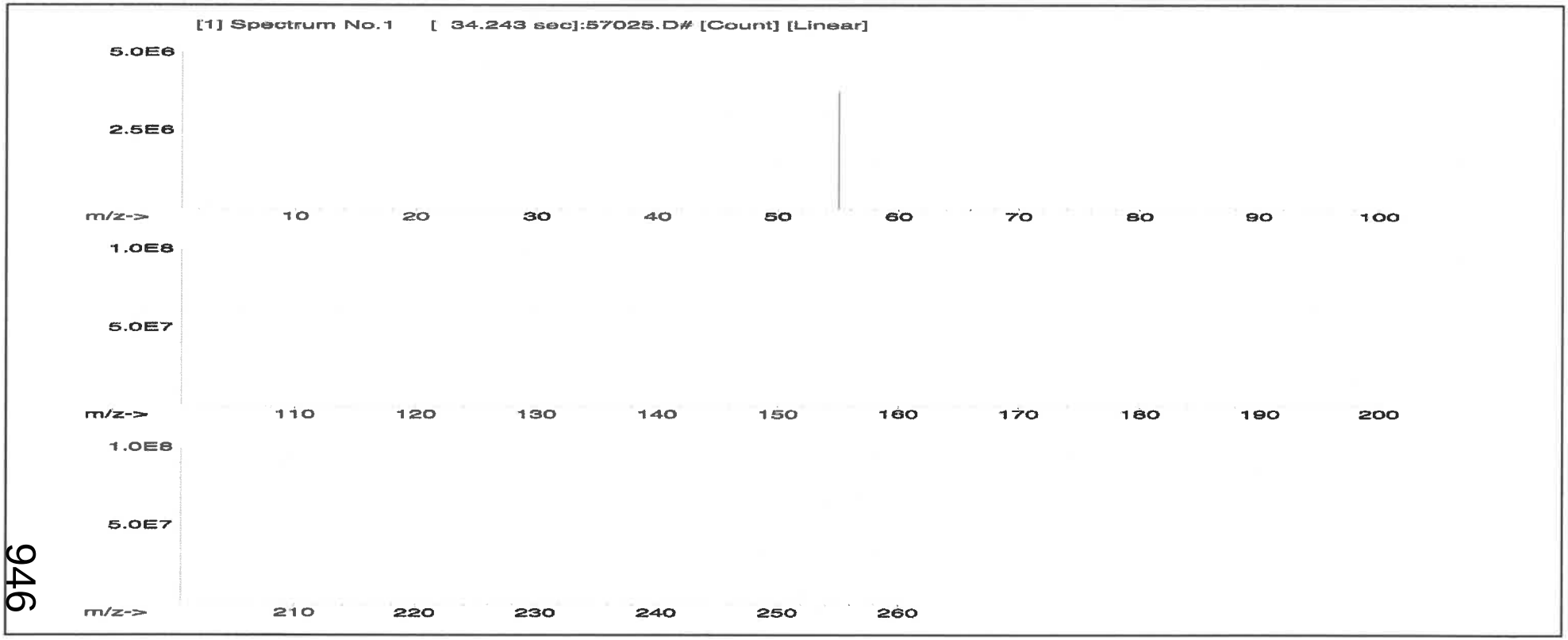
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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



946

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

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Physical Characterization:

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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 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.
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M5768 M5769 (BP) R:1/3/24

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948

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

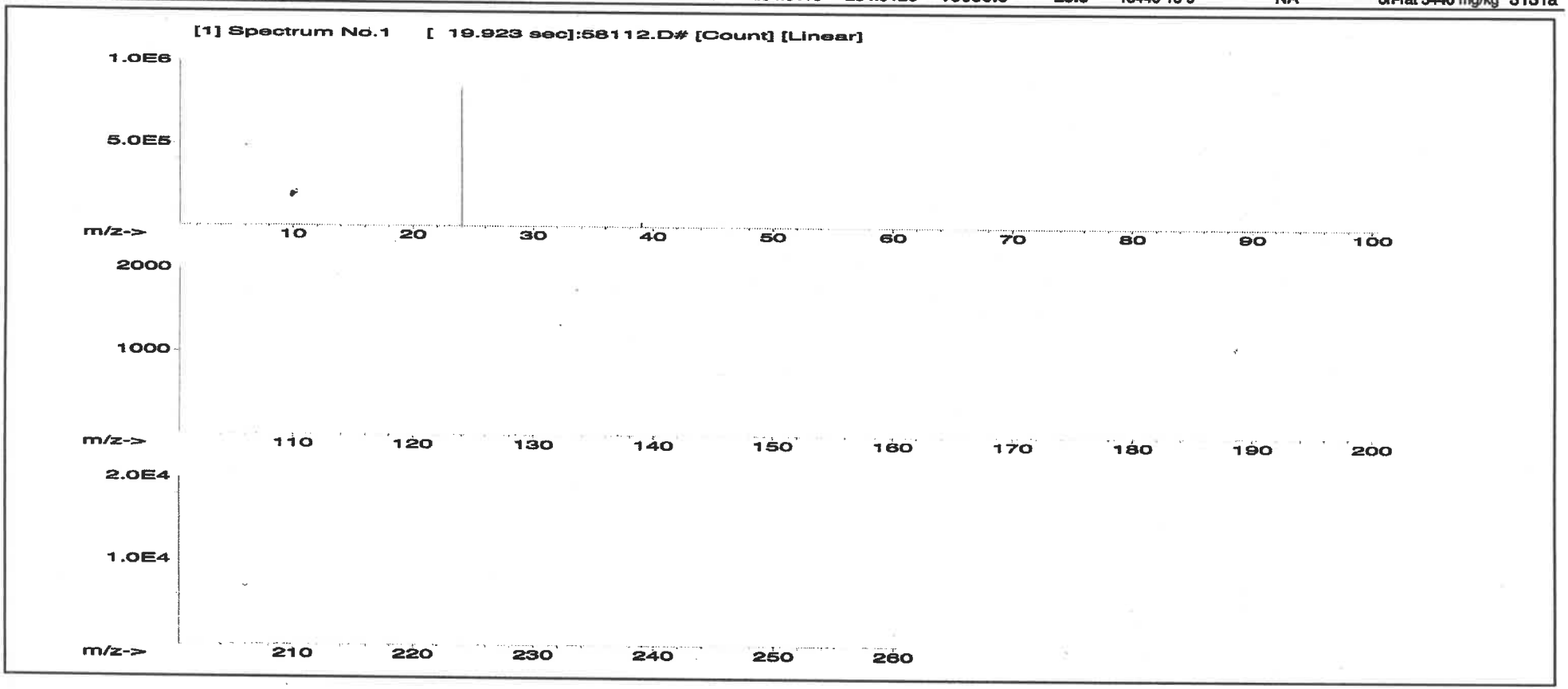
5E-05 Balance Uncertainty

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



949

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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* 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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M5768 M5769 (BP) R:1/3/24

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950

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

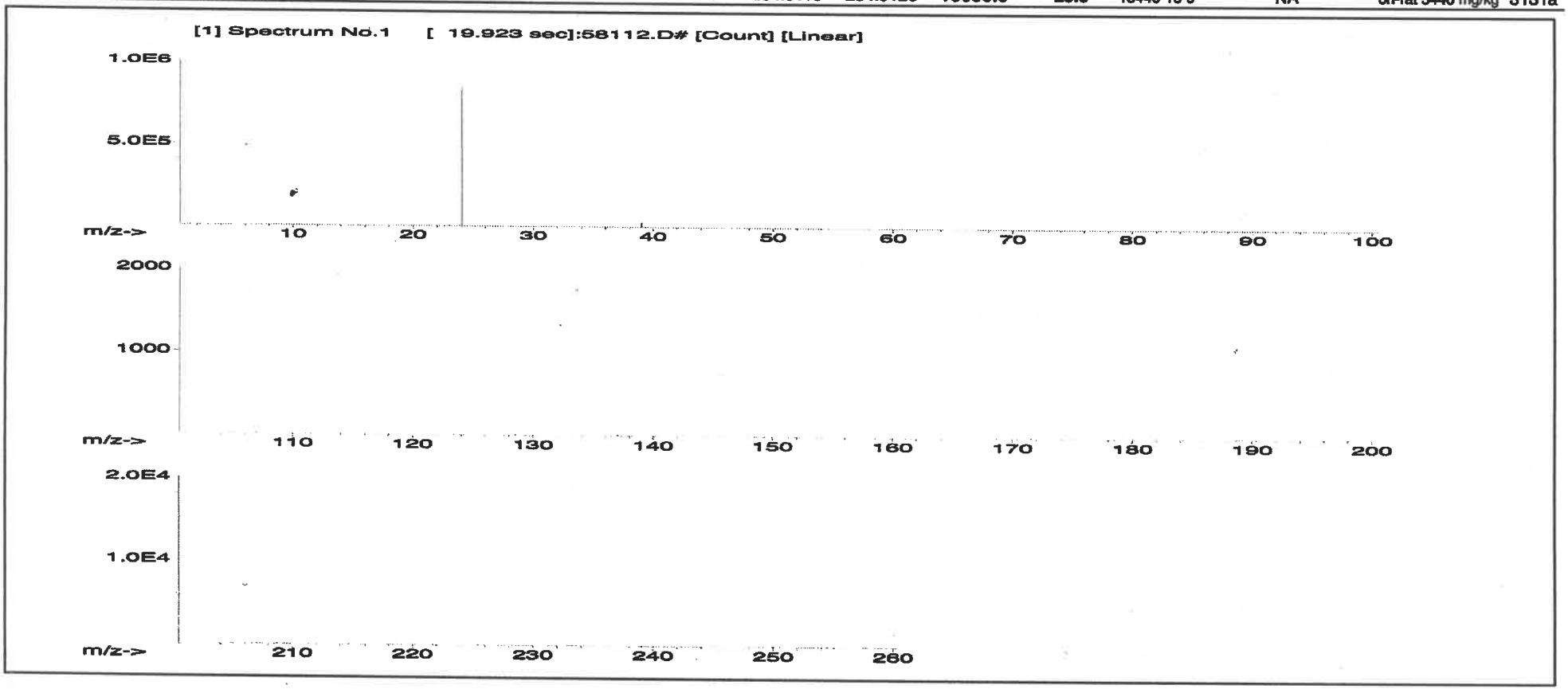
5E-05 Balance Uncertainty

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



951

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:

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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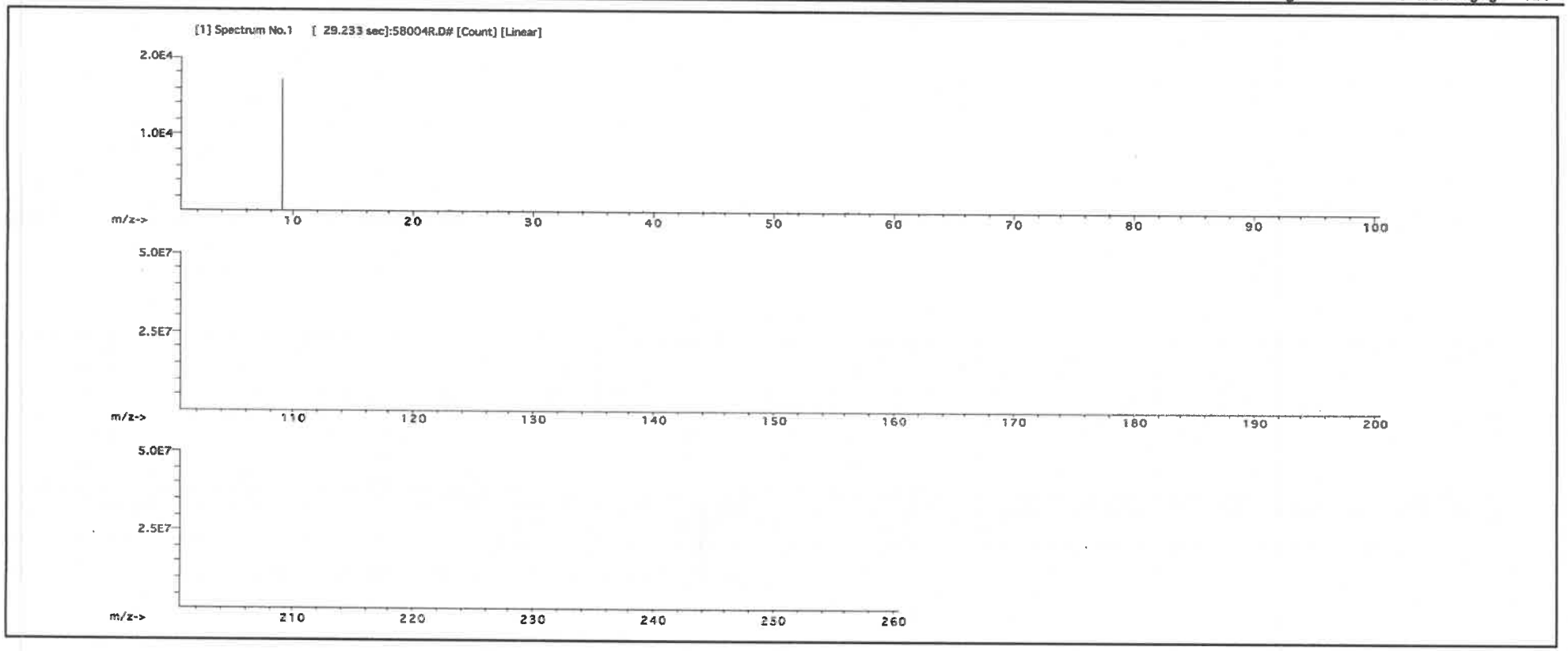
952

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57004**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan 102523
Reviewed By:	Pedro L. Rentas 102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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954

CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

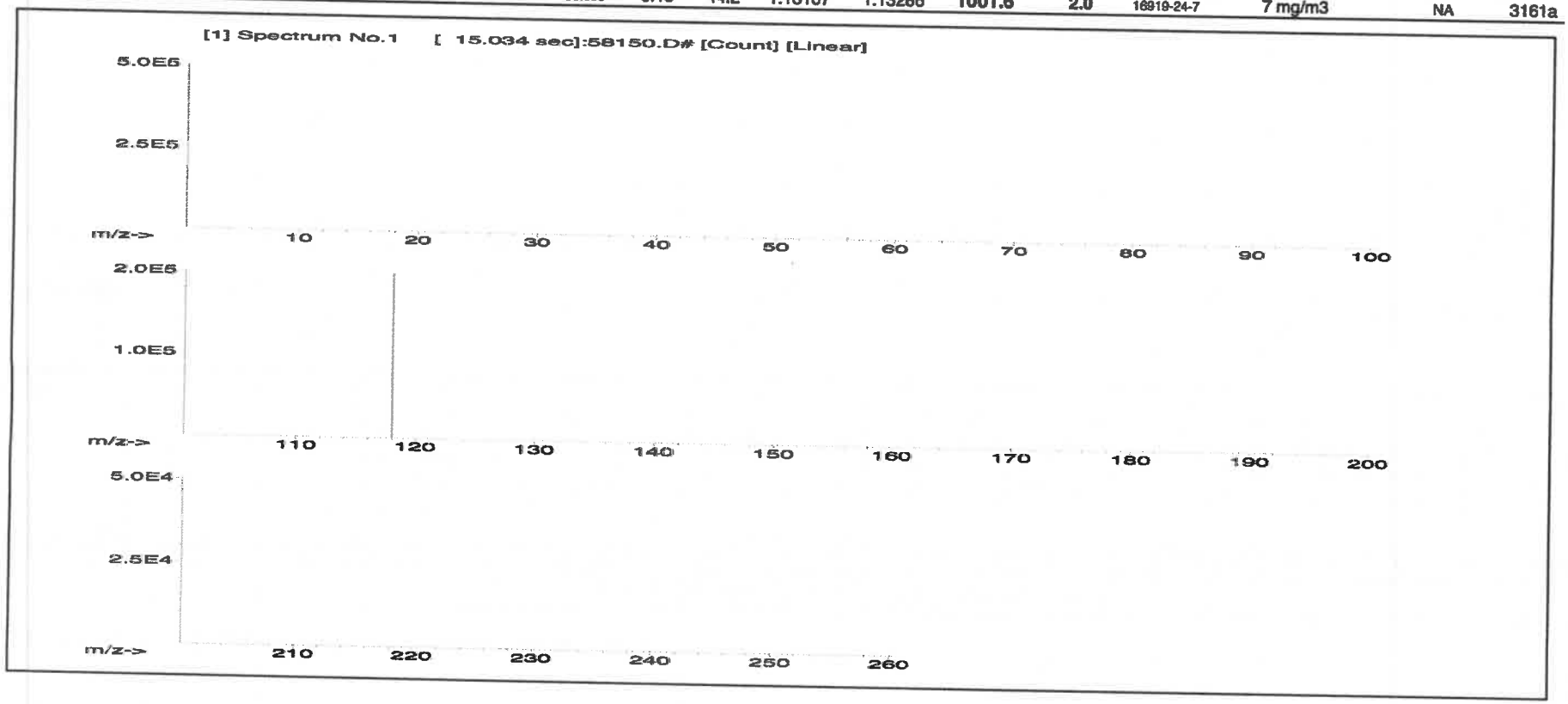
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	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



955

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:

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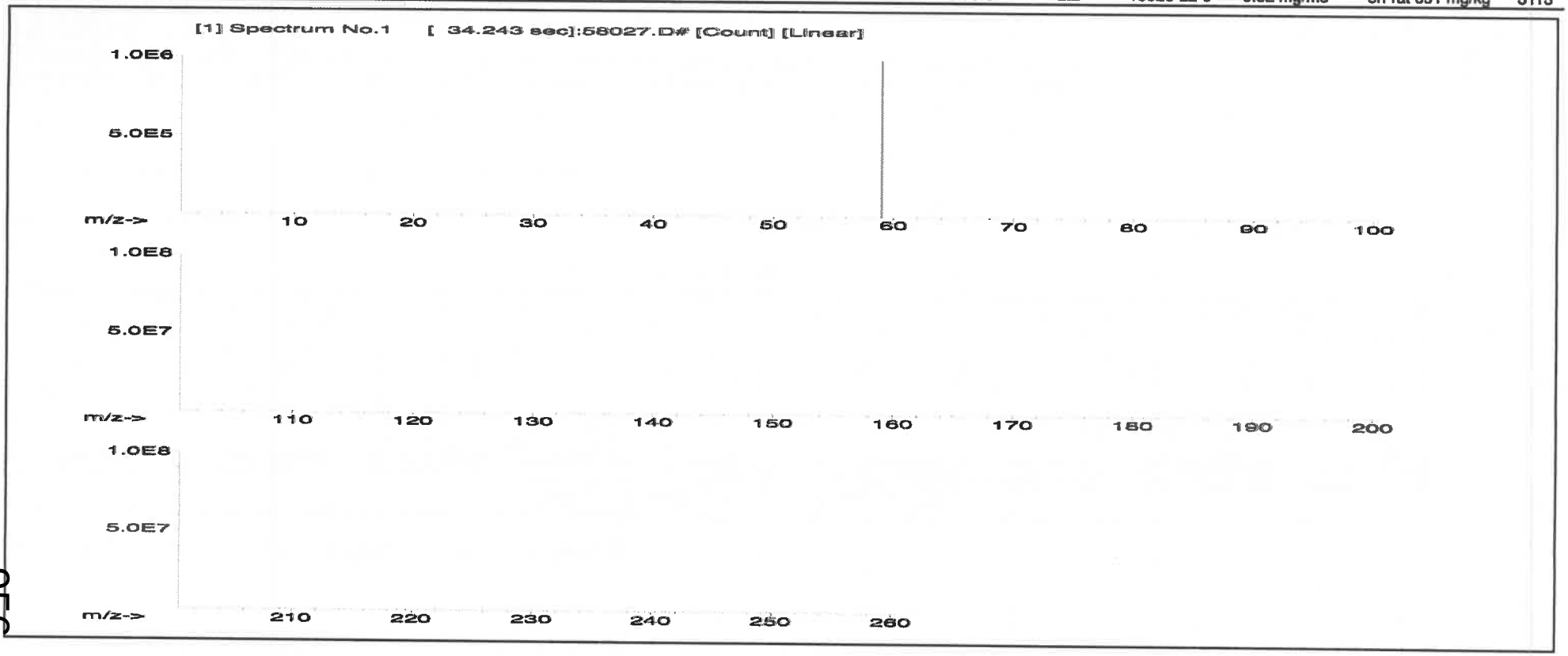
CERTIFIED WEIGHT REPORT:

		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



956

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.

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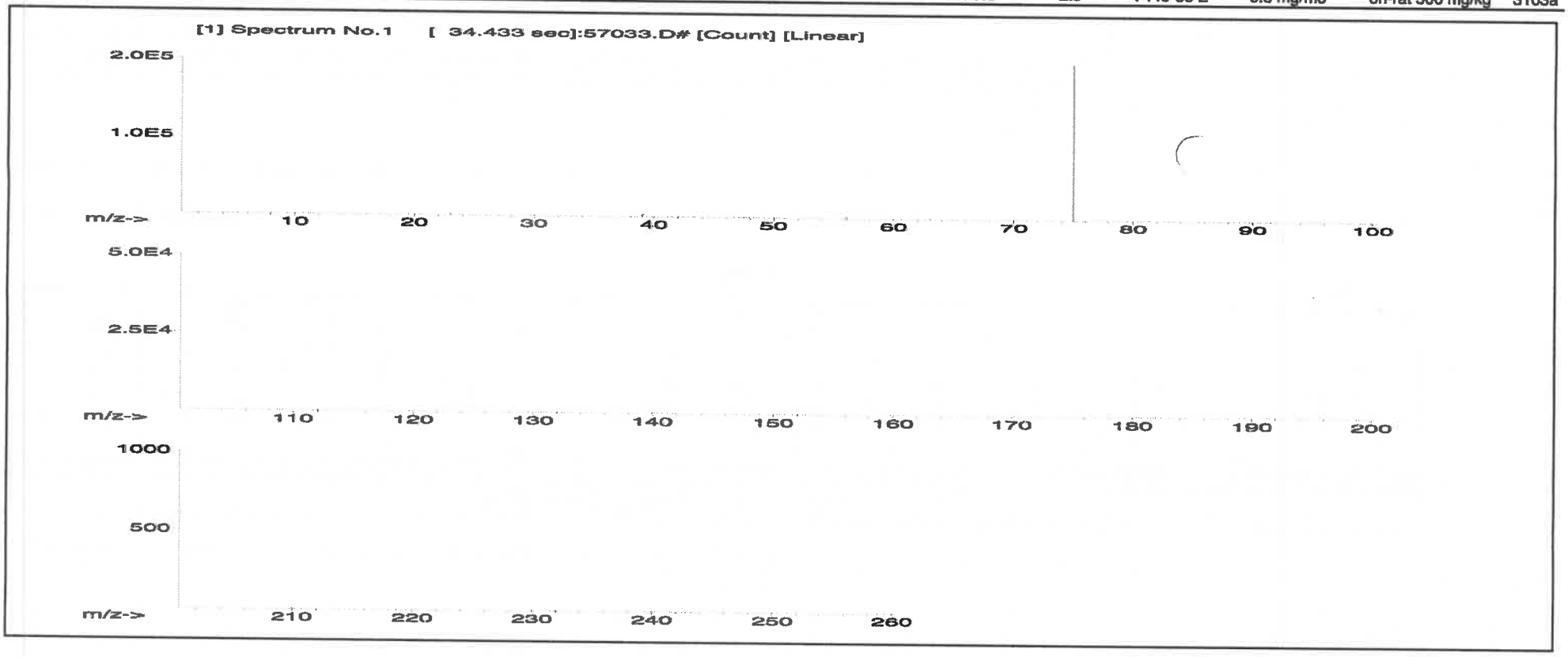
958

CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



959

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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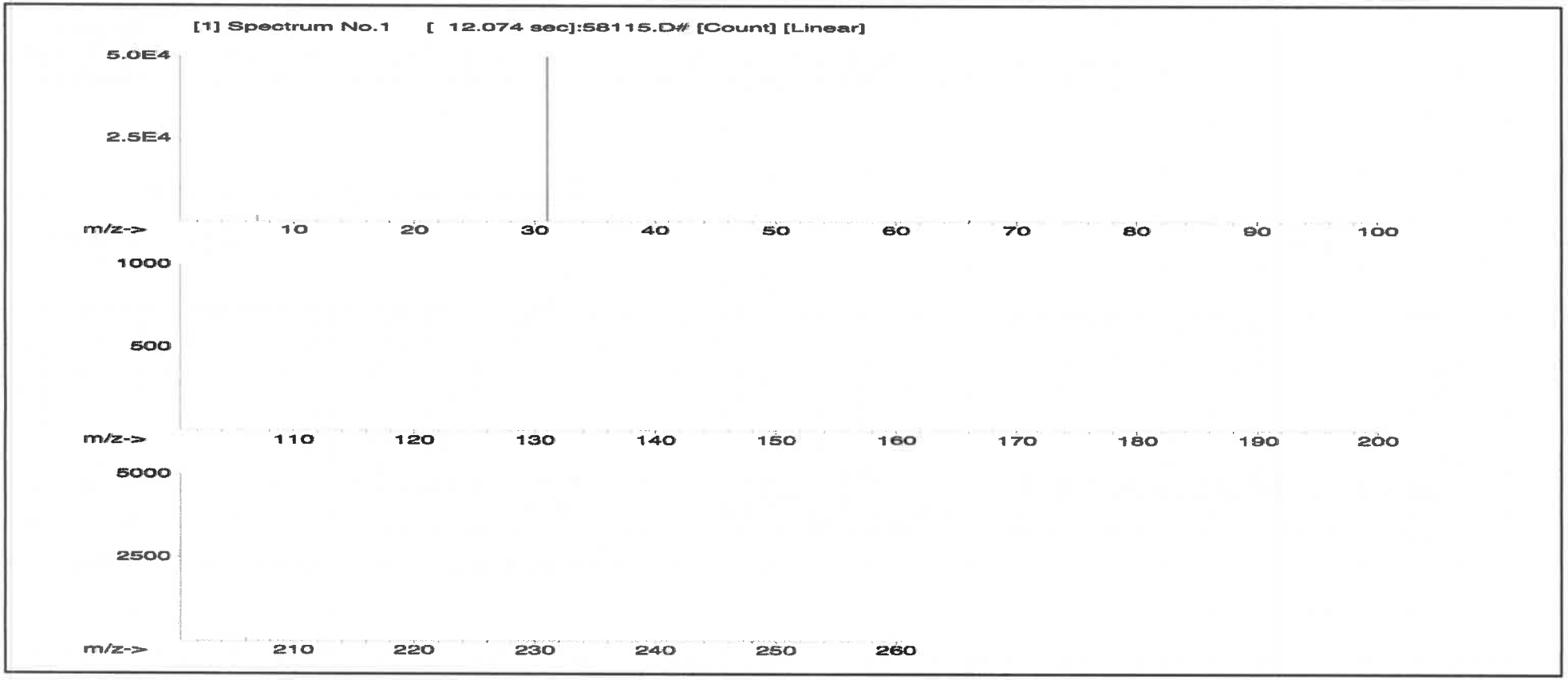
CERTIFIED WEIGHT REPORT:

			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

096

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



961

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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* 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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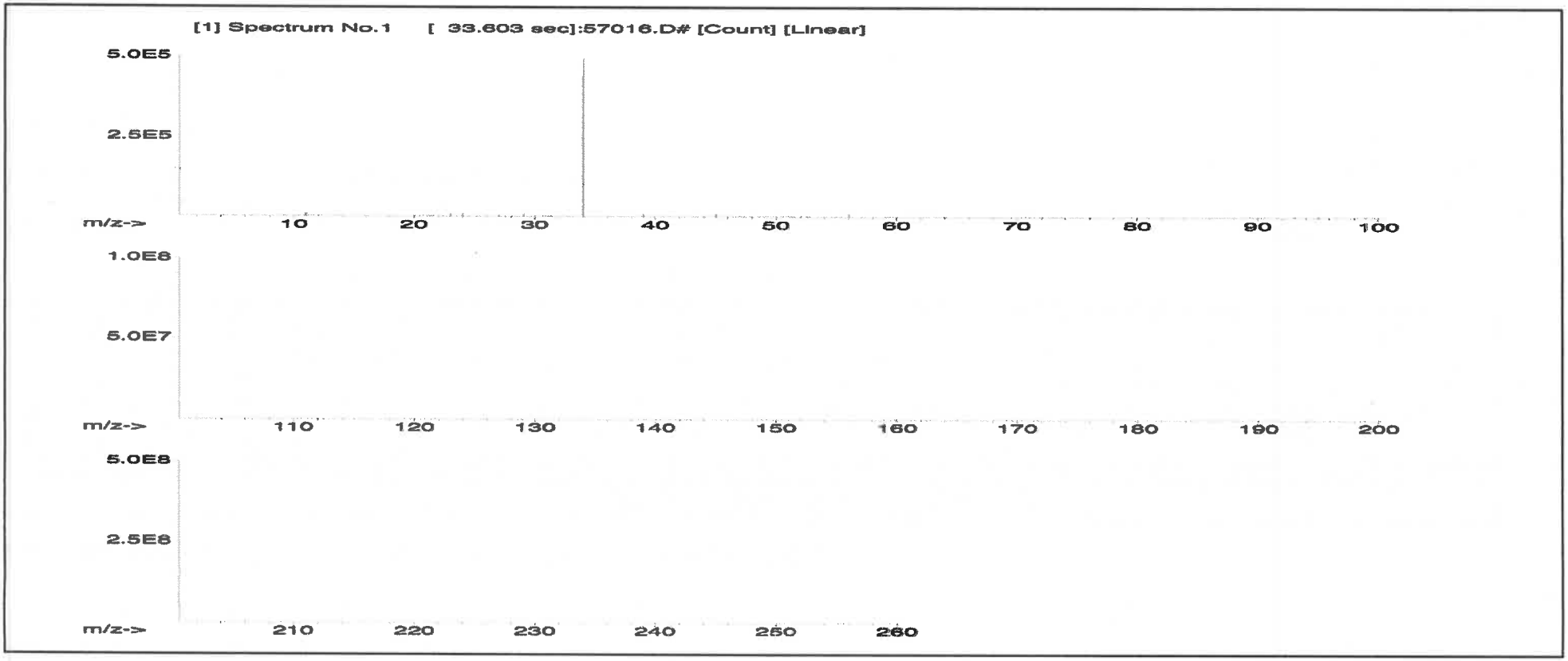
962

CERTIFIED WEIGHT REPORT:

Part Number:	**57016**	**Solvent:**	**Lot #** 122923	ASTM Type 1 Water
Lot Number:	**122923**			
Description:	**Sulfur (S)**			
Expiration Date:	122926			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty	

Formulated By:	Benson Chan	122923
Reviewed By:	Pedro L. Rentas	122923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	1000	99.9	0.10	24.3	16.4979	16.4980	**1000.0**	**2.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



963

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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964

CERTIFIED WEIGHT REPORT:

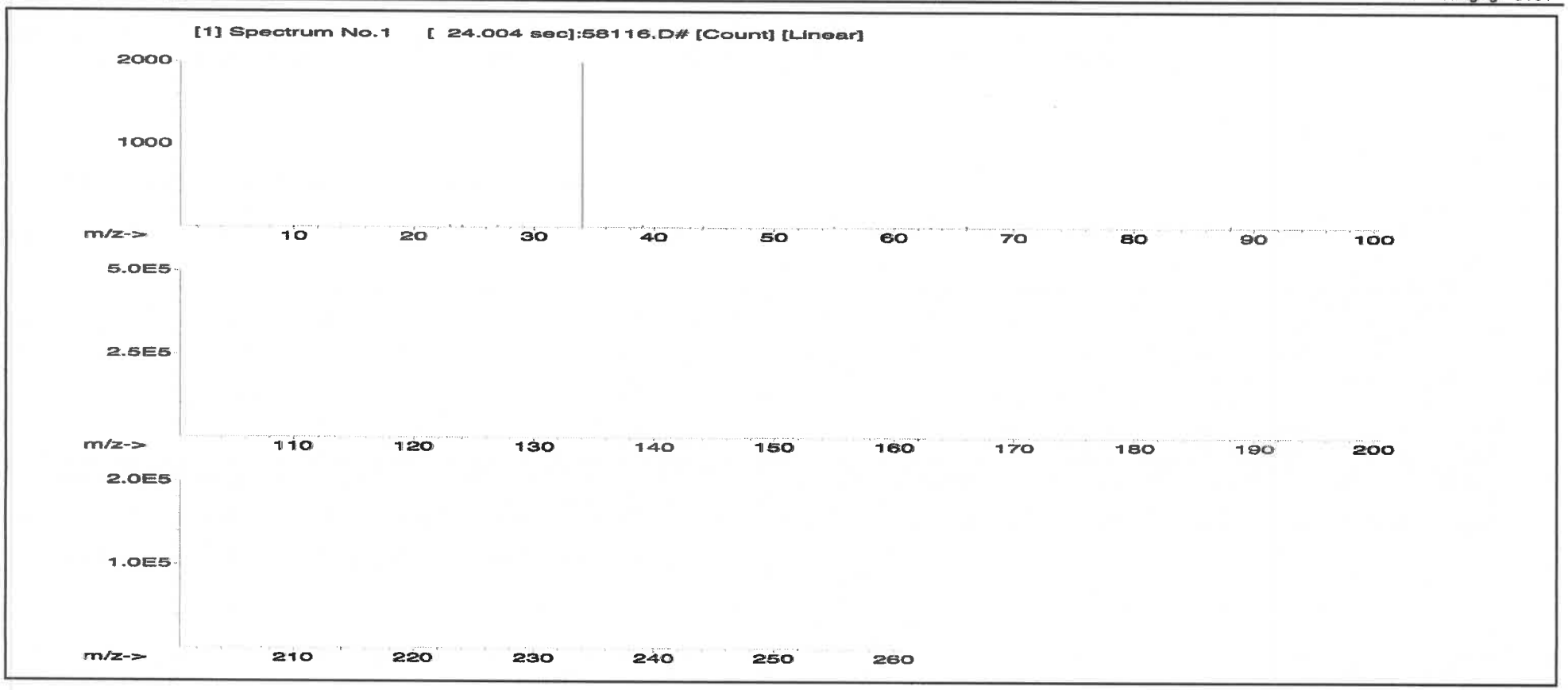
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

Lot #
Solvent: 071123 ASTM Type 1 Water

Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	ori-rat 4250mg/kg	3181



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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Lot #

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996

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

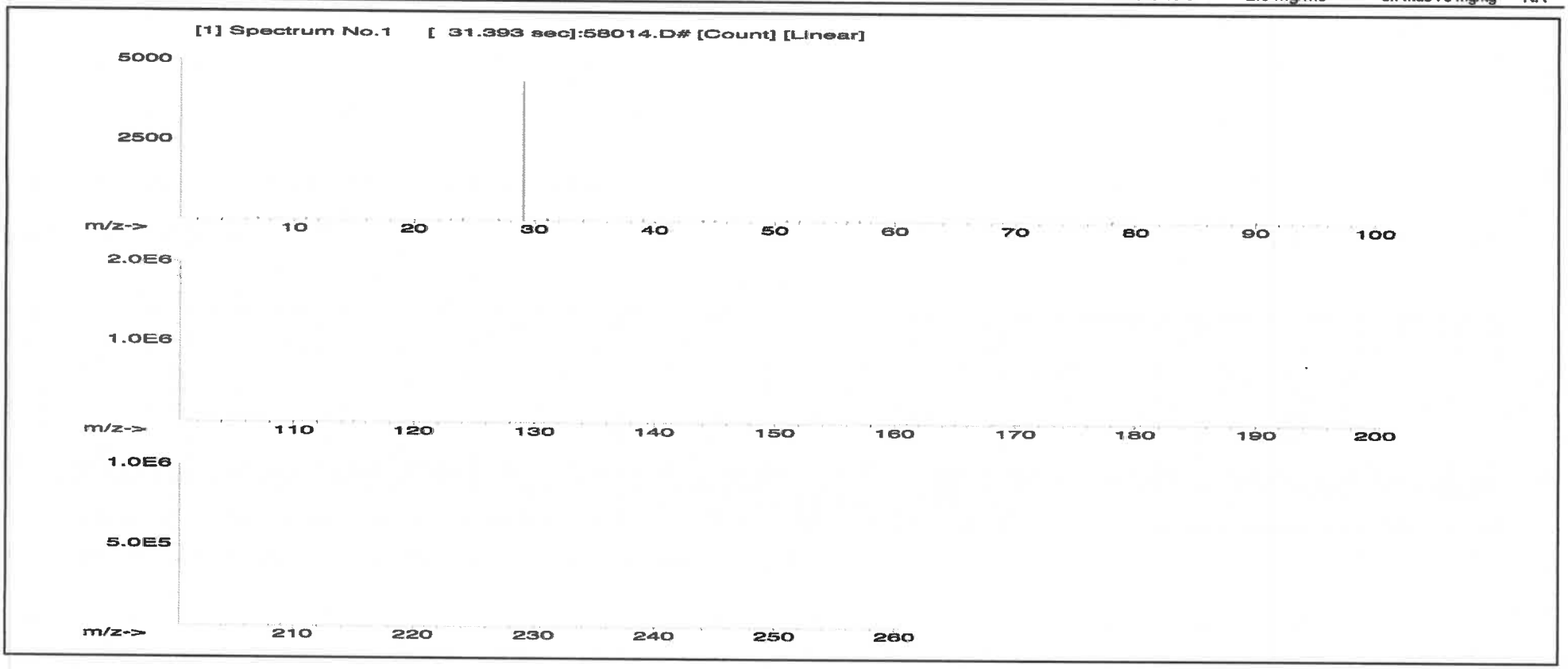
Aleah O'Brady

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



996

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:

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

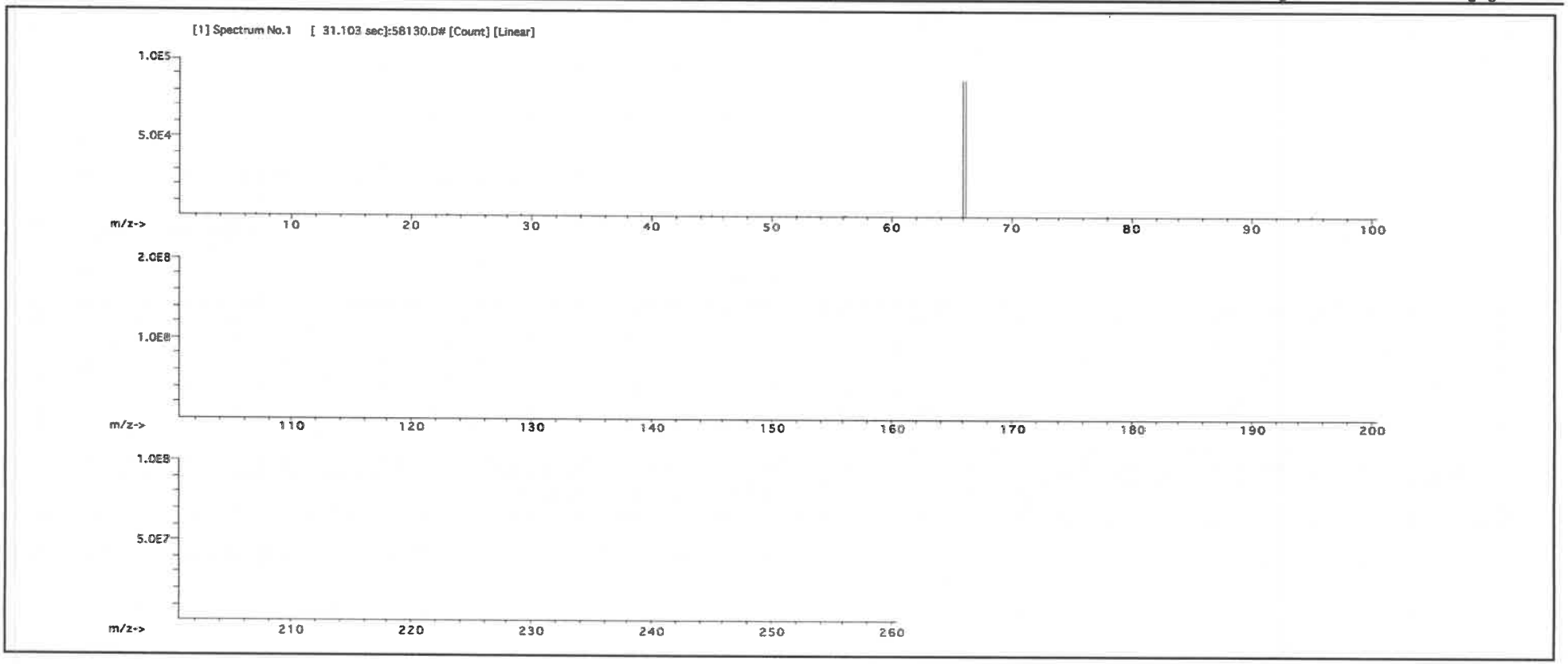
Part Number:	**58030**			
Lot Number:	**111623**			
Description:	**Zinc (Zn)**			
		Solvent:	24002546	Nitric Acid
		2%	60.0 (mL)	Nitric Acid
Expiration Date:	111626			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	3000.4	0.06	Flask Uncertainty	

Lot #

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

998

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



696

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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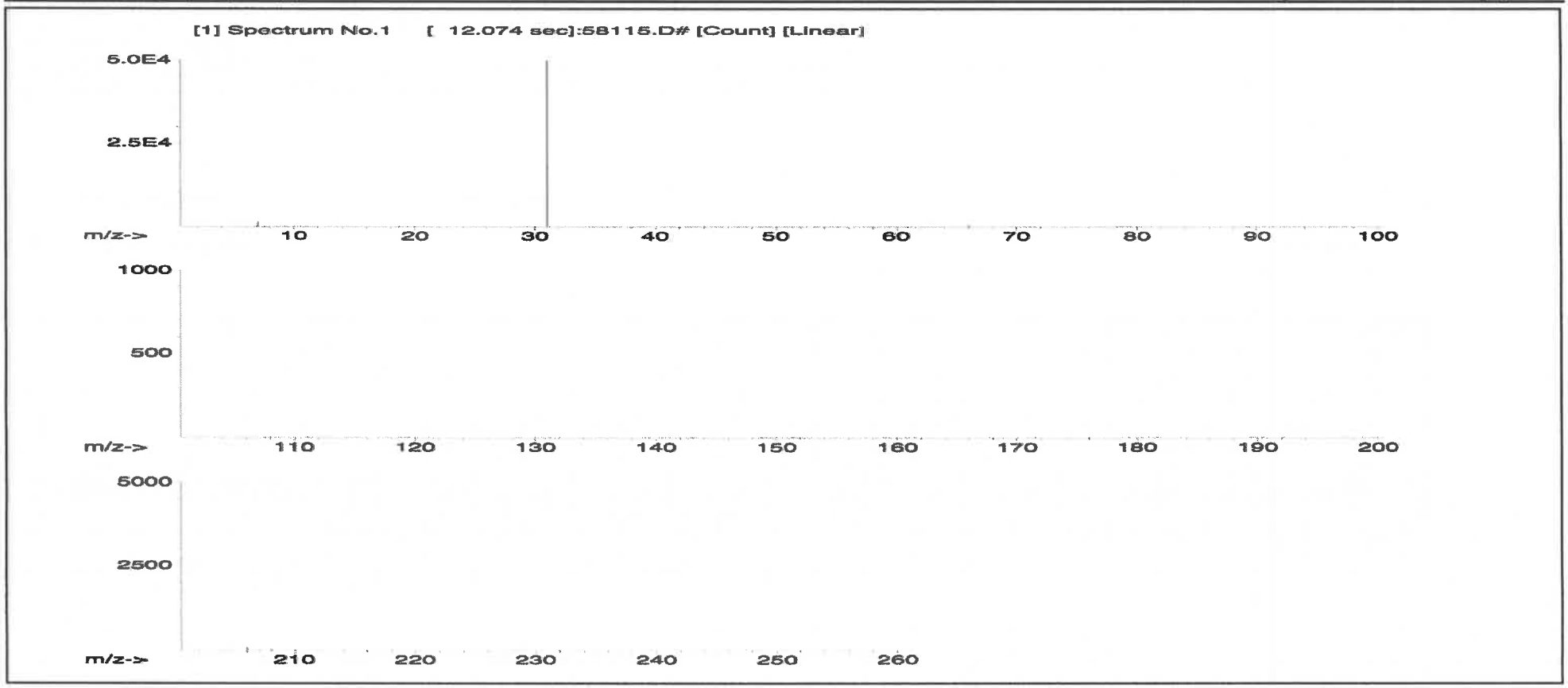
970

CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Solvent:**	**Lot #** 24002546	Nitric Acid
Lot Number:	**091123**				
Description:	**Phosphorous (P)**		2%	40.0 (mL)	Nitric Acid
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



971

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.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5961 R: 6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

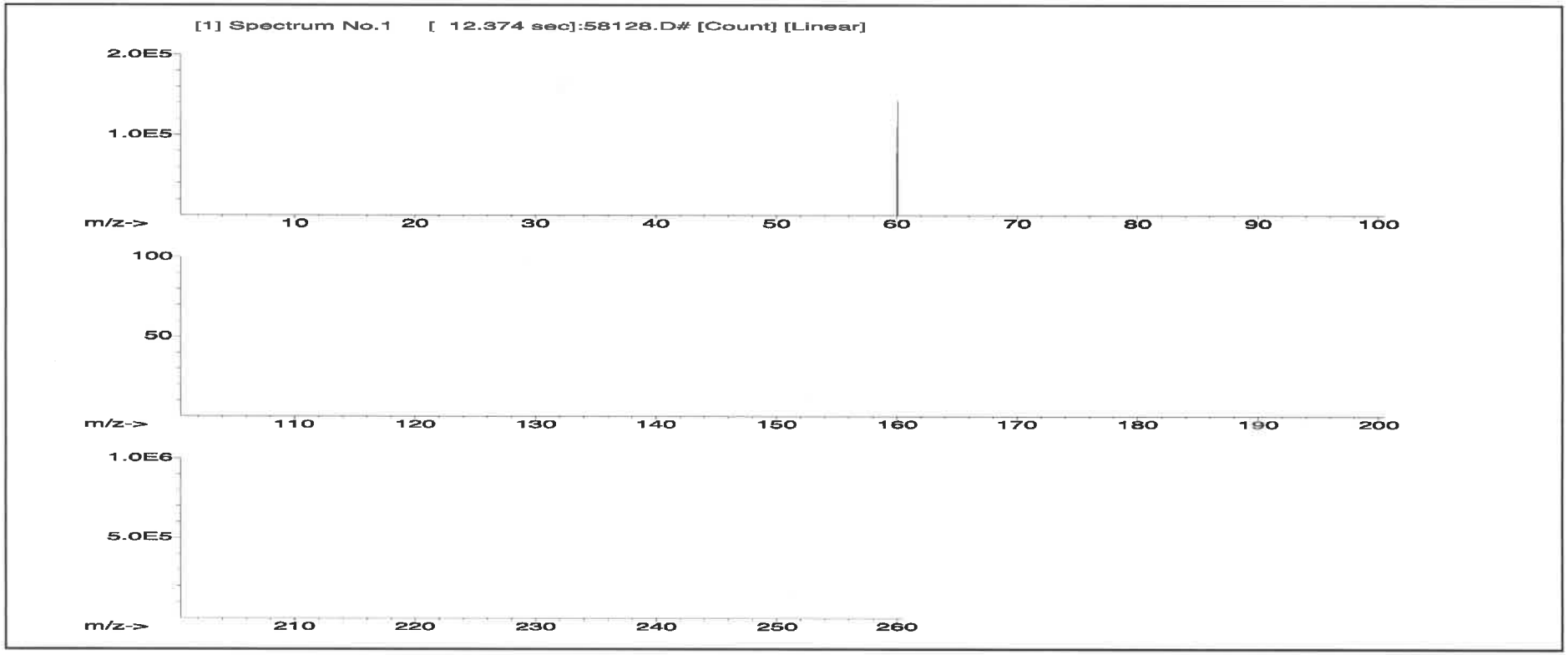
972

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



973

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.

* 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

M5962 R! 06/14/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

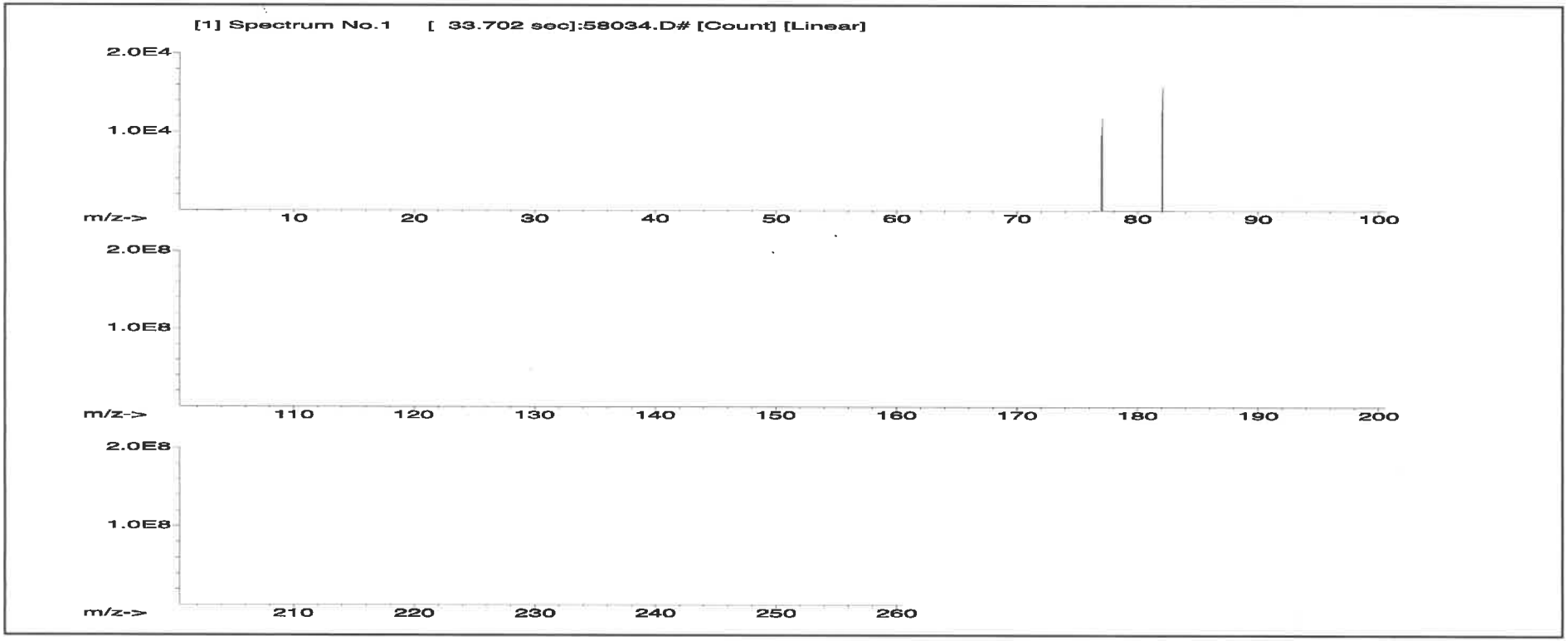
974

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



975

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.
* All standard containers are meticulously cleaned prior to use.
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Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

MS963 MS964 MS965
MS966 MS967 MS968

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.6 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	< 1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	< 0.2 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

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Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	3 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	1 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

INORGANIC VENTURES
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Certificate of Analysis

M5976, M5977
R: 02/22/24

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:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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:

$X_{CRM/RM} = \Sigma(w_i)(\bar{x}_i)$

$\bar{x}_i$ = 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:

$X_{CRM/RM} = (\bar{x}_a)\,(u_{char\ a})$

$\bar{x}_a$ = 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.
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www.absolutestandards.com

Certified Reference Material CRM

M5981 R:6/11/24

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AR-1539 Certificate Number
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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		

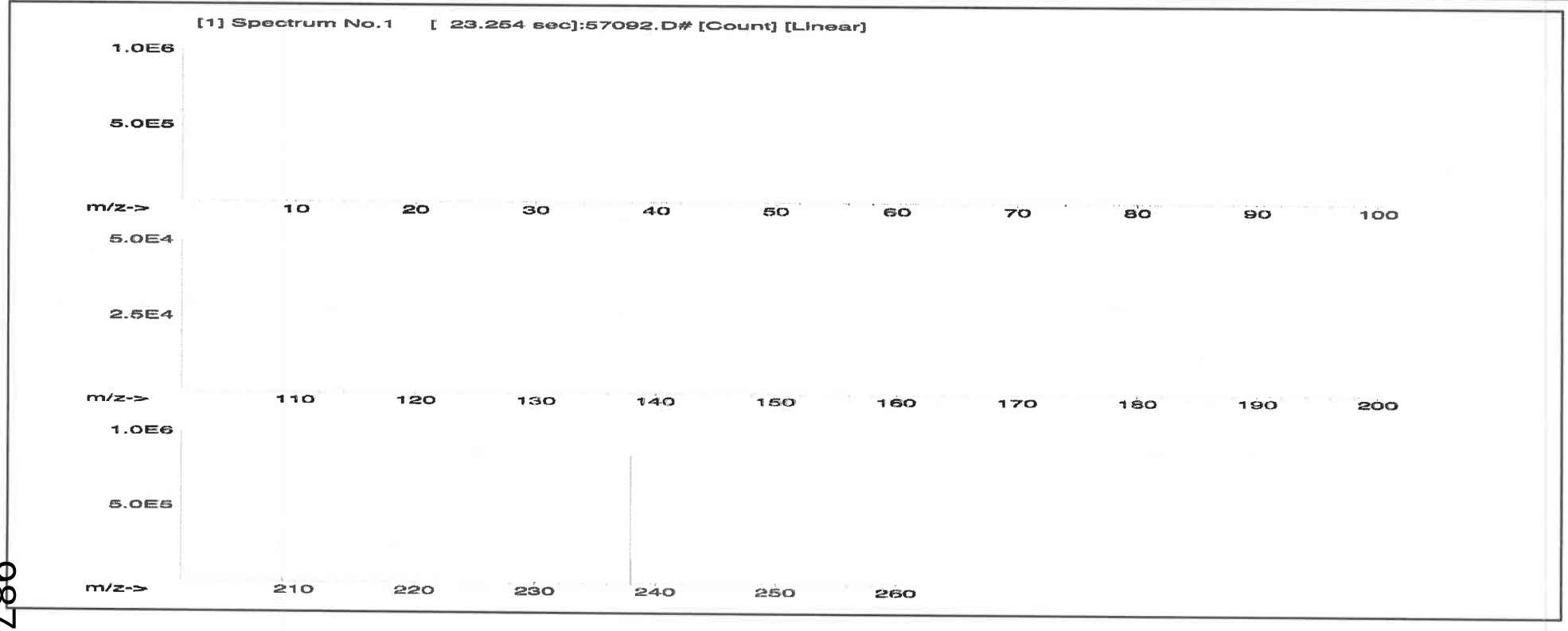
Giovanni Esposito

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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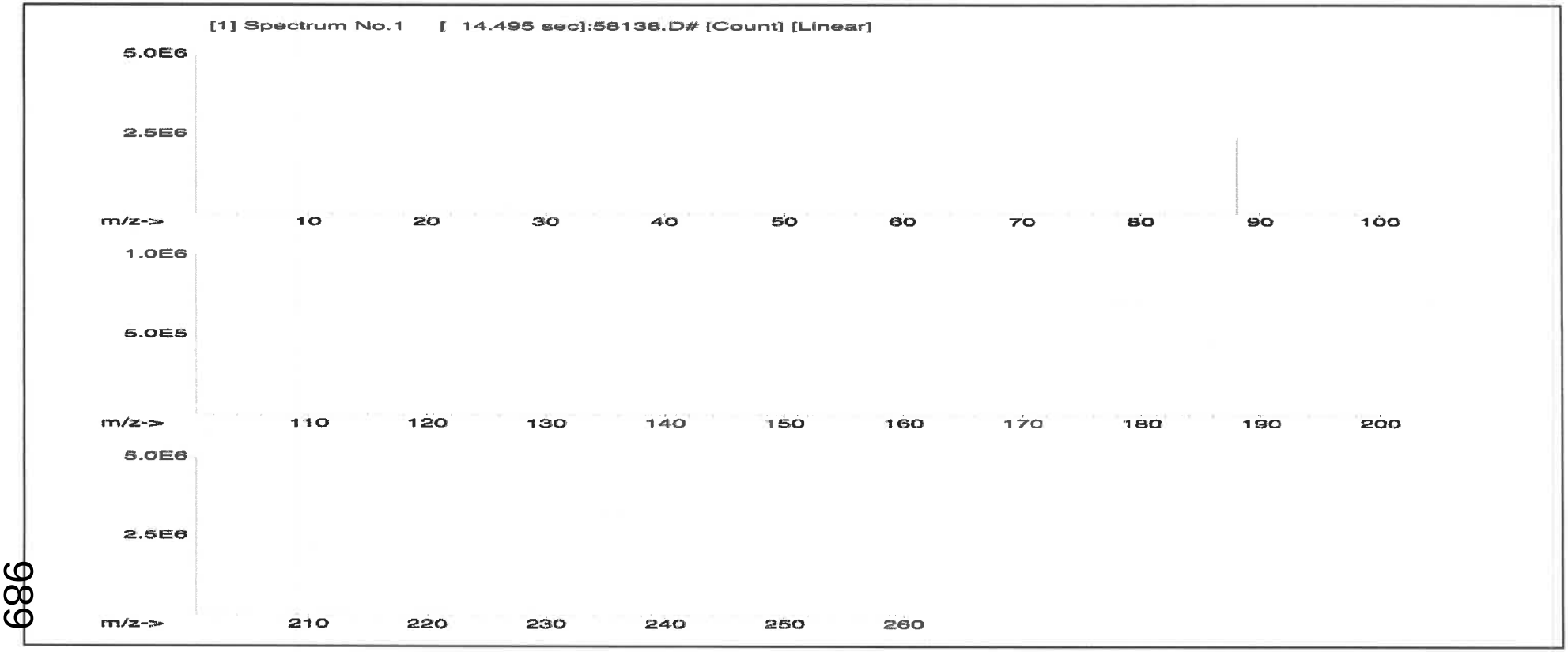
45982 R: 6/11/24

CERTIFIED WEIGHT REPORT:

Part Number:	**57038**		**Lot #**		
Lot Number:	**031524**	**Solvent:**	24002546	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	031527				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Formulated By:	Benson Chan	031524
Reviewed By:	Pedro L. Rentas	031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5983 R: 6/11/24

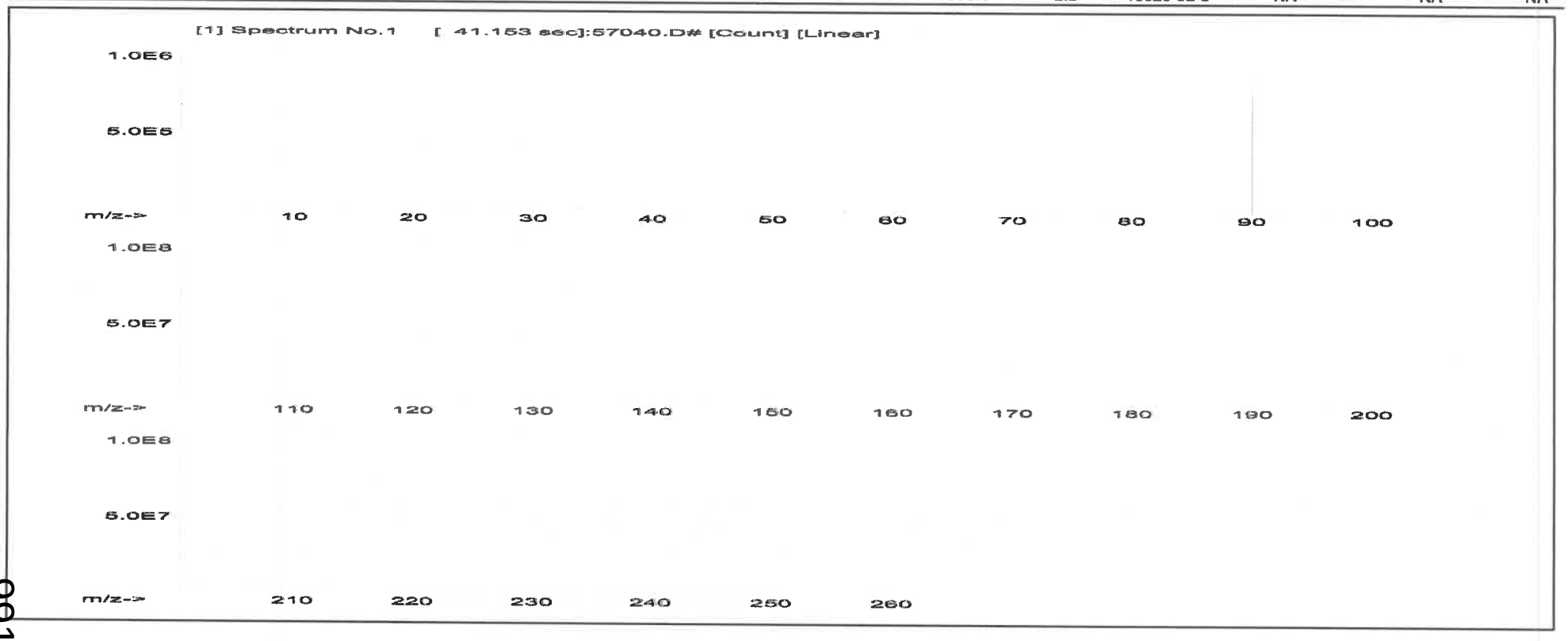
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CERTIFIED WEIGHT REPORT:

		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



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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	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 01/03/24 M6033

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993

CERTIFIED WEIGHT REPORT:

Part Number:	**58113**			**Lot #**	
Lot Number:	**011623**		**Solvent:**	20510011	Nitric Acid
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

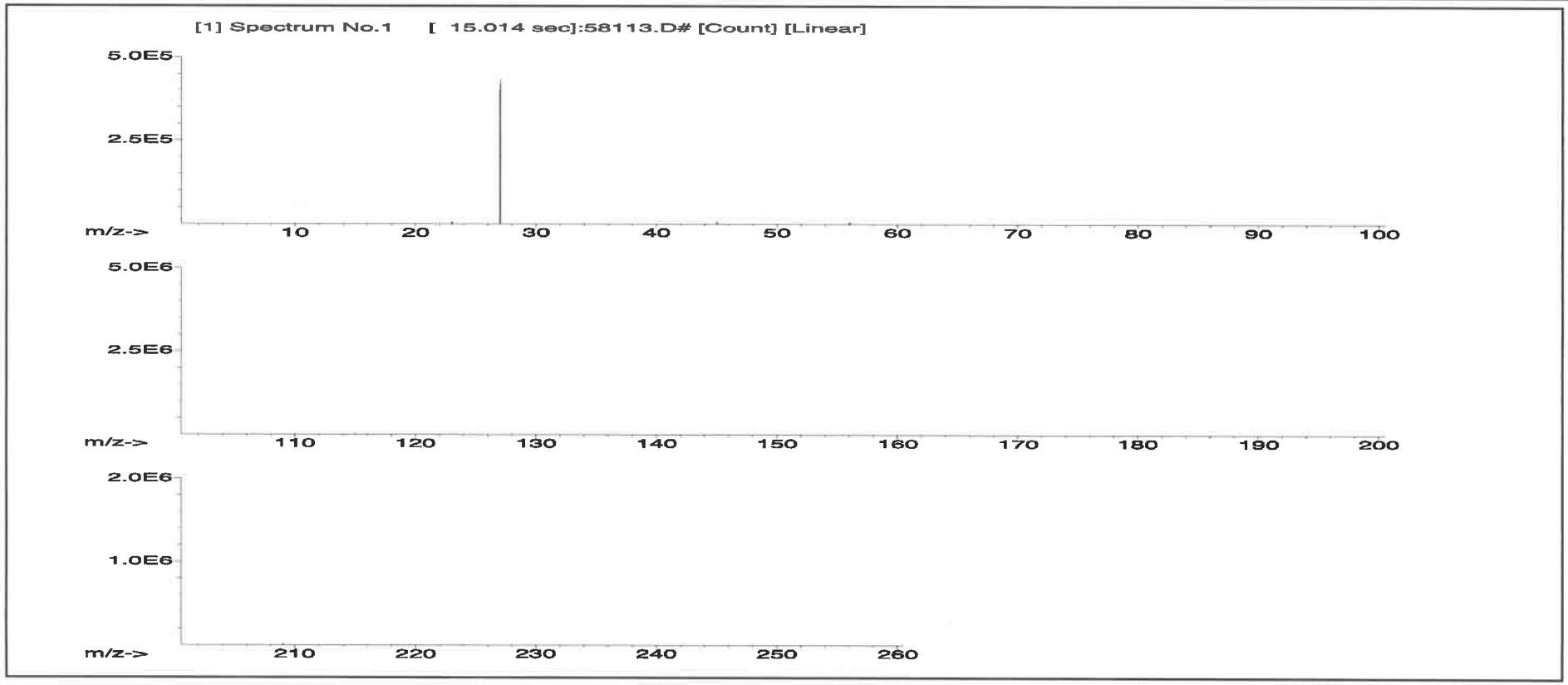
Giovanni Esposito

Formulated By:	Giovanni Esposito	011623

Pedro Rentas

Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



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

avantor™ | J.T.Baker®

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

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

For questions on this Certificate of Analysis please contact Technical Services at 855 282 6867 or +1 610 386 1700

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
Refine your results. Redefine your industry.

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:

1003

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

1007

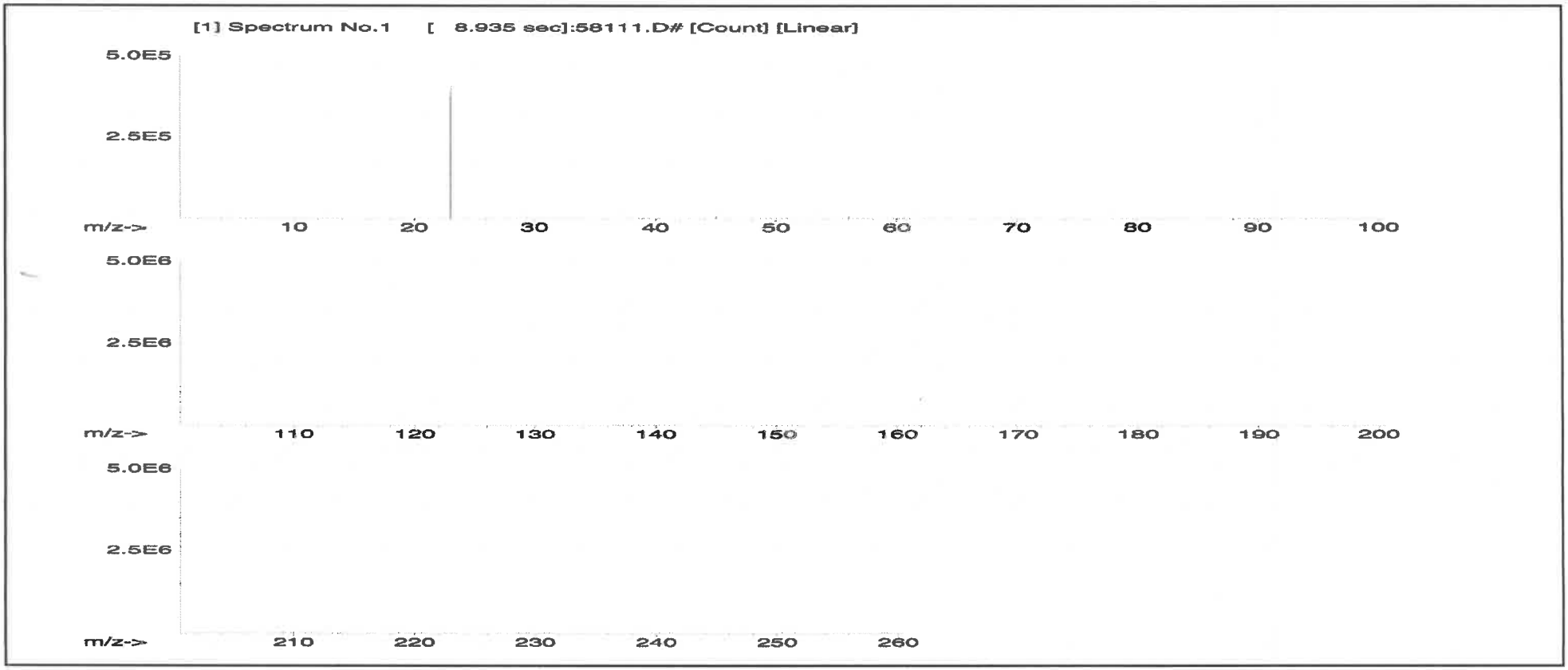
CERTIFIED WEIGHT REPORT:

Part Number:	**58111**		**Lot #**		
Lot Number:	**122223**	**Solvent:**	24002546	Nitric Acid	
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



1008

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:

1009

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.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

R: 01/03/24 M5802, M5803

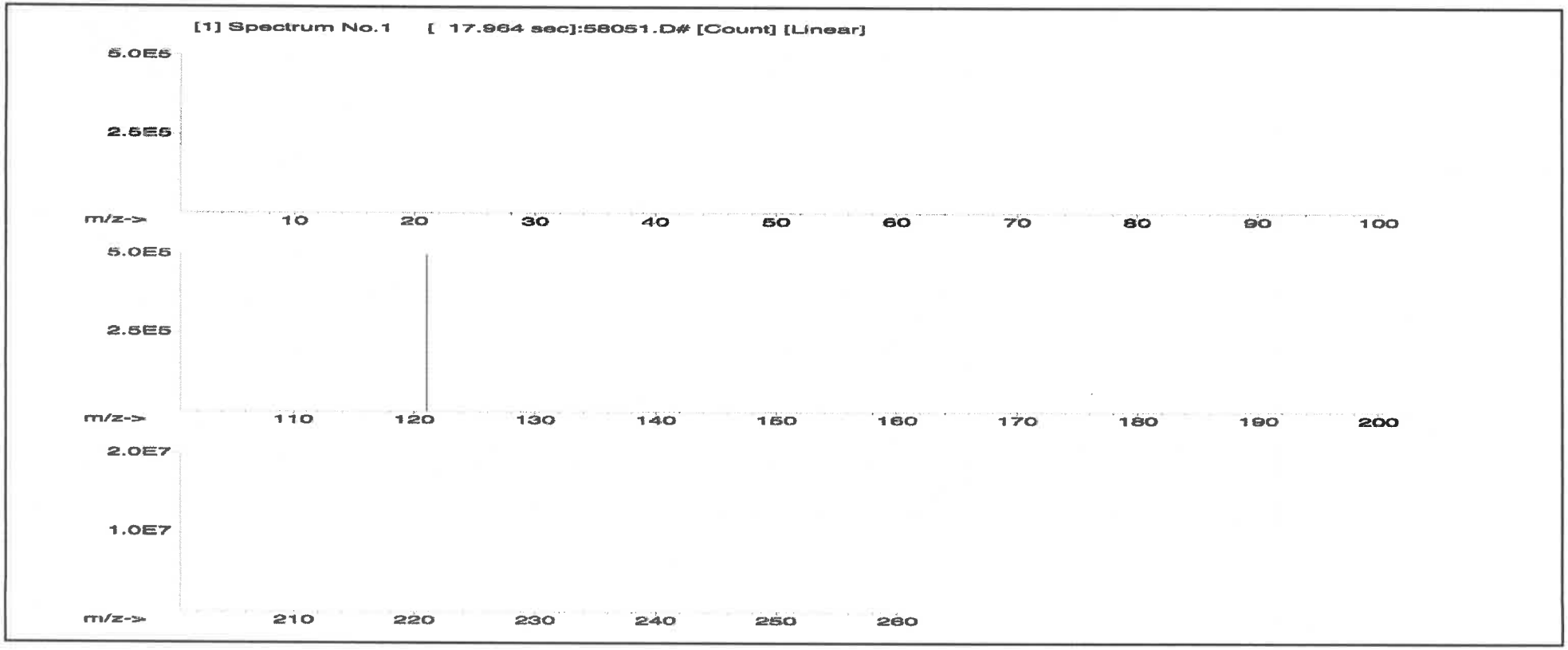
1017

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



1018

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.
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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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M6030

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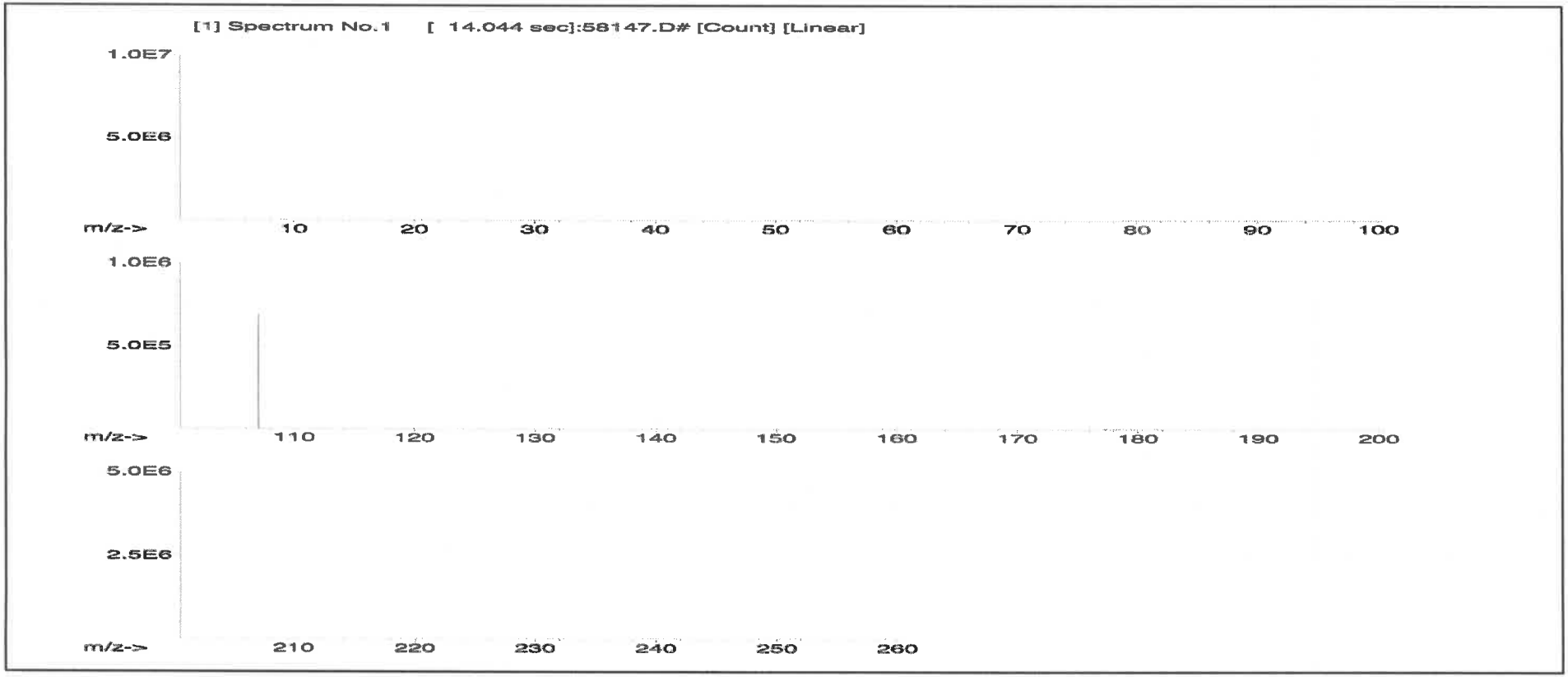
1019

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



1020

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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R: 03/16/23 M5473, M5474, M5475, M5476

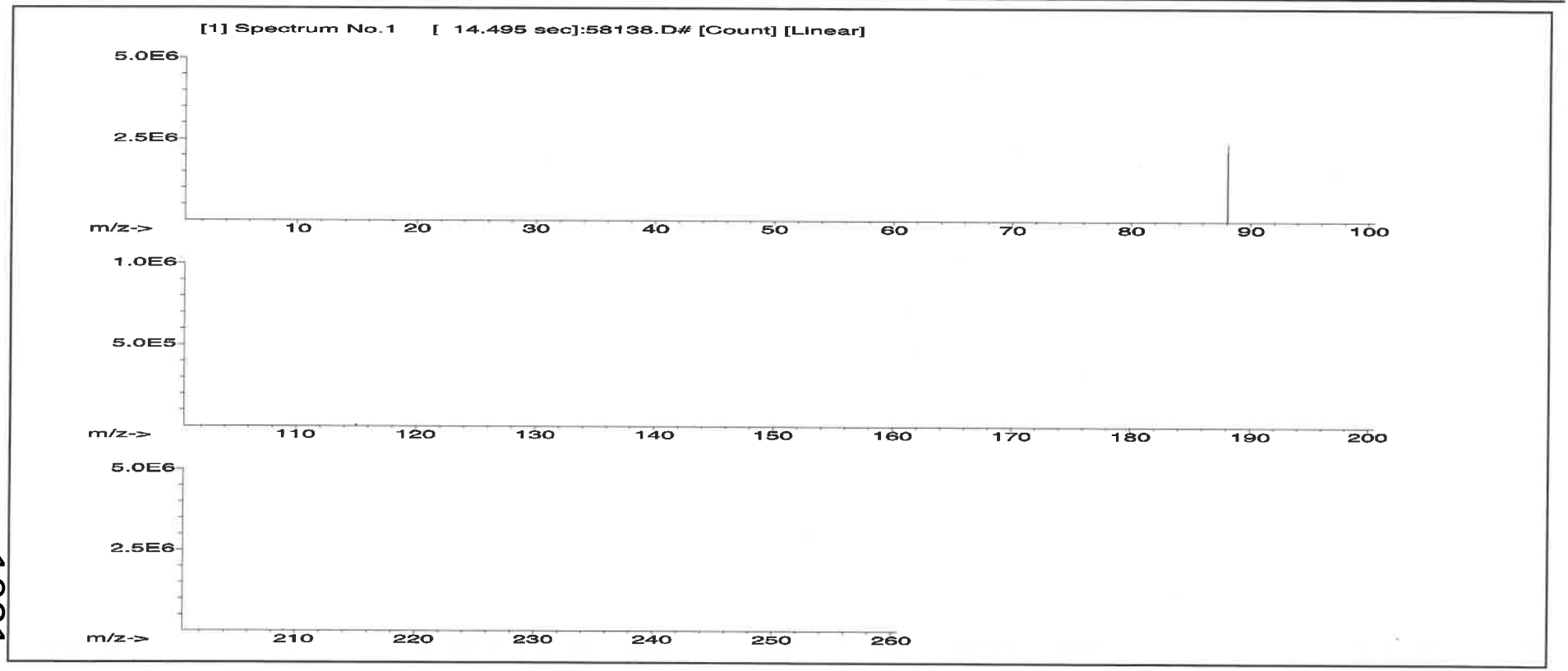
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CERTIFIED WEIGHT REPORT:

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



1021

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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1022

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R: 03/16/23 M5473, M5474, M5475, M5476

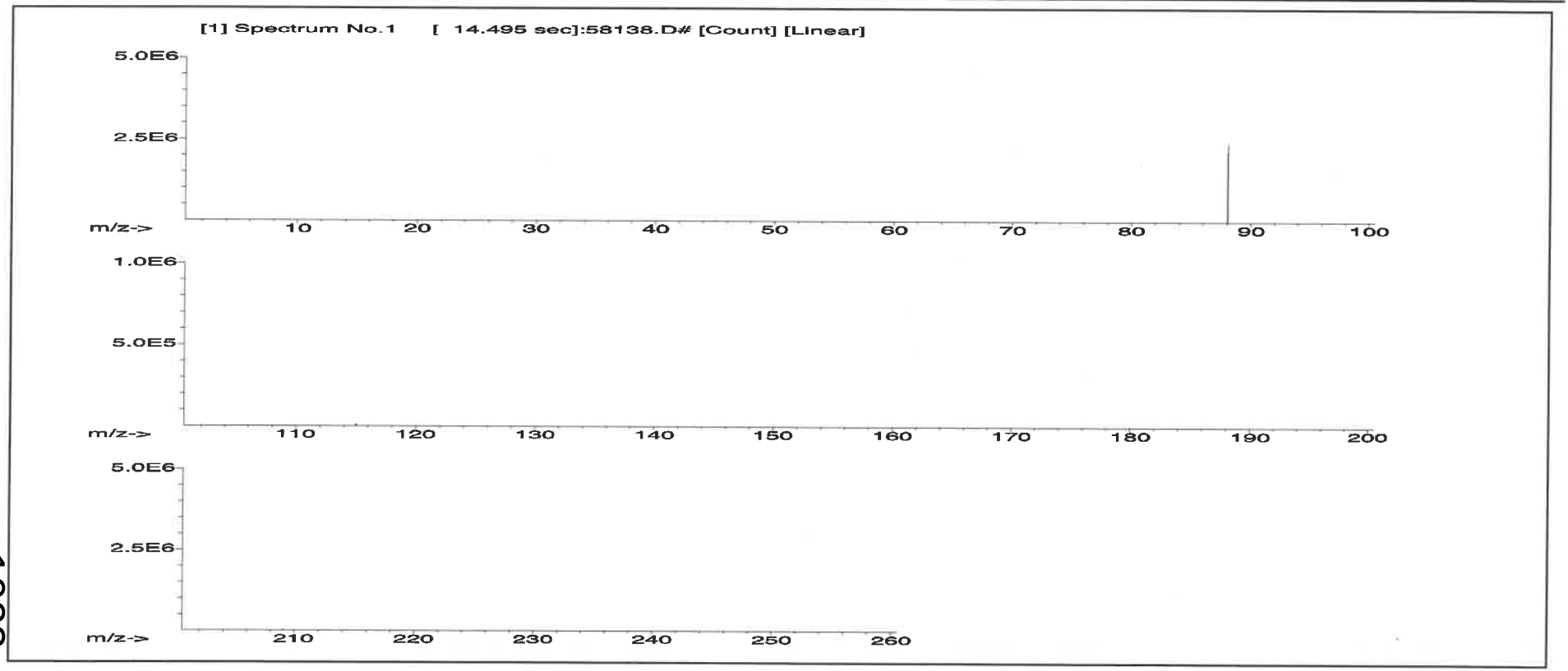
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CERTIFIED WEIGHT REPORT:

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



1023

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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1024

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1025

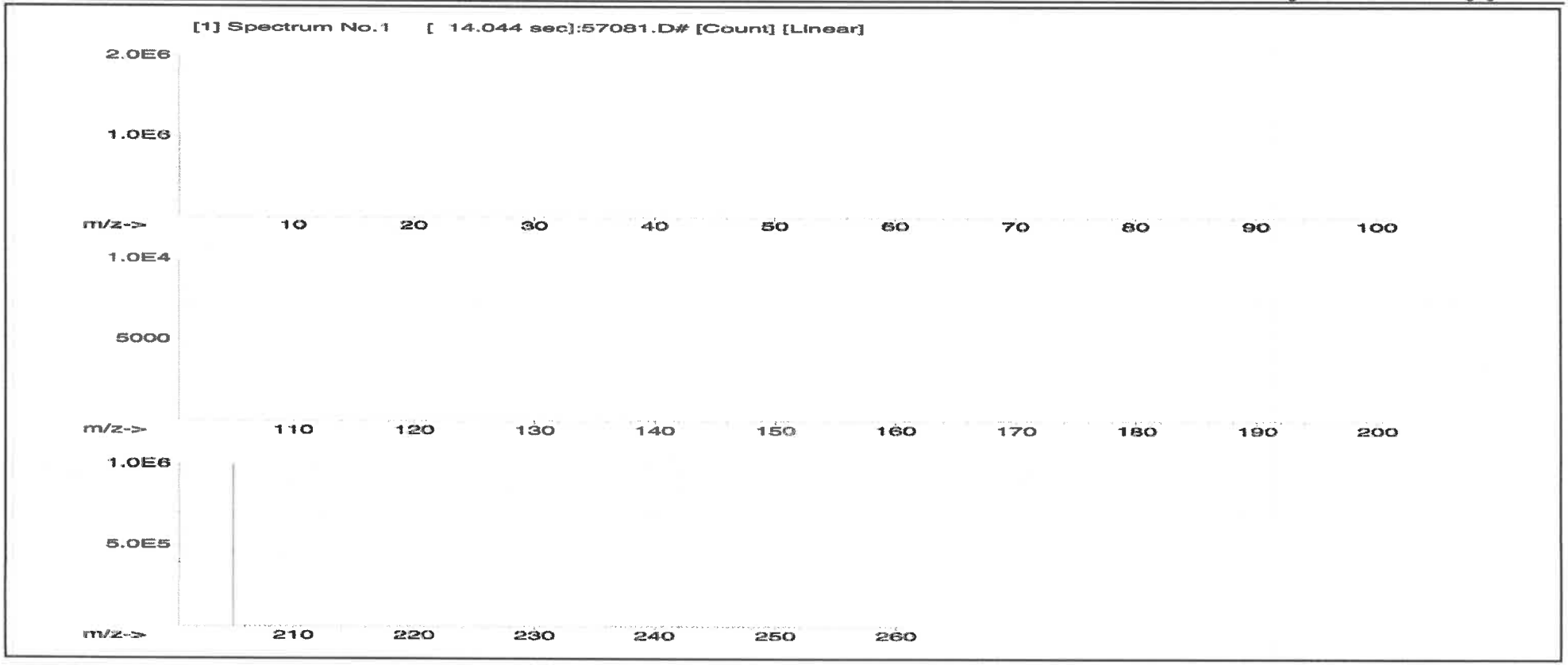
CERTIFIED WEIGHT REPORT:

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



1026

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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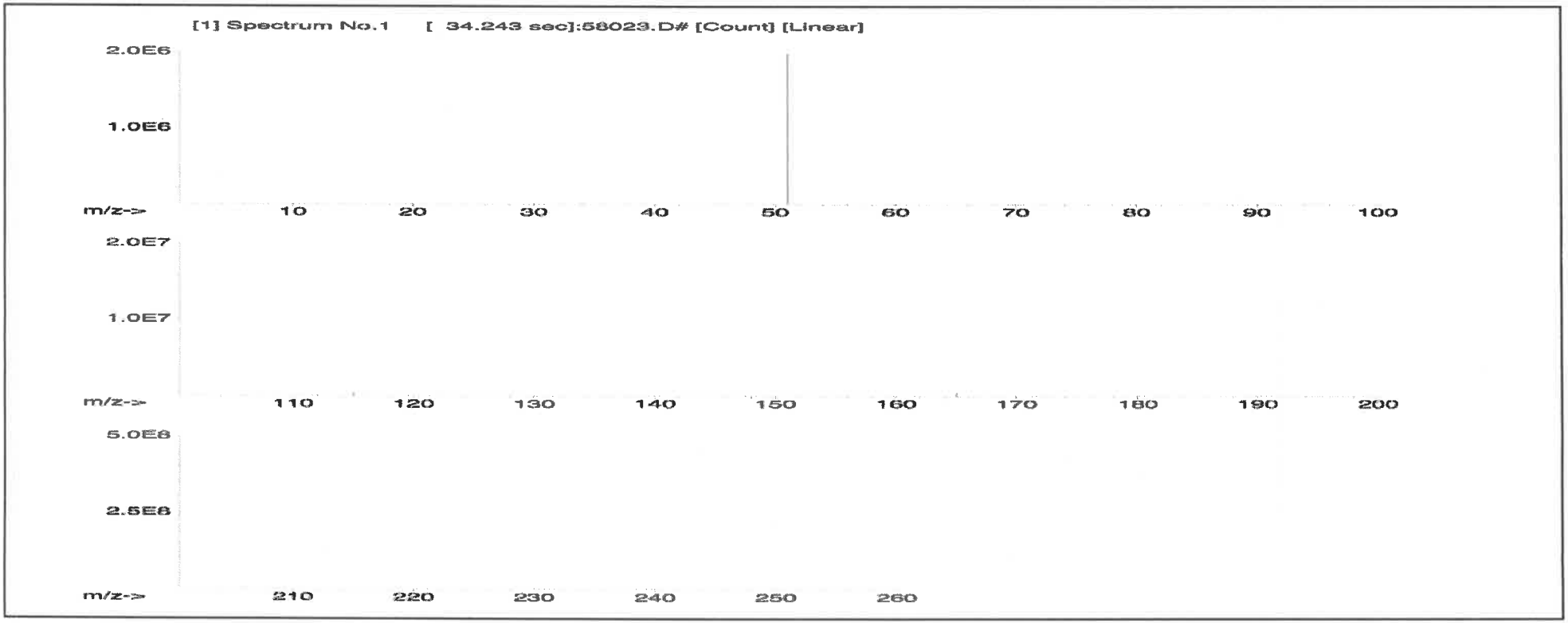
1027

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**	24002546	Nitric Acid	
Lot Number:	**062424**			
Description:	**Vanadium (V)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

Formulated By:	Aleah O'Brady	062424
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



1028

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB163570

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYD456

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 #3 2. N/A

Start Digest Date: 09/23/2024 **Time :** 11:30 **Temp :** 96 °C

End Digest Date: 09/23/2024 **Time :** ~~13:35~~ 14:35 JPP **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: JPP

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00mL	MP82170
LCSSD	0.50ml	MP82170
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	M5965
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 #3 CELL #33 : 96 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
9/23/24 14:45	JPP / Met dig	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB163570

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P2785-01	MYD455	N/A	1.30	500	Brown	Yellow	Medium	N/A	N/A	1
P2785-02	MYD456	N/A	1.05	500	Brown	Yellow	Medium	N/A	N/A	2
P2785-03	MYD457	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	3
P2785-04	MYD458	N/A	1.04	500	Brown	Yellow	Medium	N/A	N/A	4
P2785-05	MYD459	N/A	1.10	500	Brown	Yellow	Medium	N/A	N/A	5
P2785-05MS	MYD459MS RE JRP 9/23/24	N/A	1.40	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	6
~~P2785-05MSD~~	~~MYD459MSD~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~ JRP 9/23/24	N/A
P2785-06	MYD459D	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	7
P2785-07	MYD459S	N/A	1.06	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	8
P2785-08	MYD460	N/A	1.06	500	Brown	Yellow	Medium	N/A	N/A	9
P2785-09	MYD461	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	10
P2785-10	MYD462	N/A	1.02	500	Brown	Yellow	Medium	N/A	N/A	11
P2785-11	MYD463	N/A	1.04	500	Brown	Yellow	Medium	N/A	N/A	12
P2785-12	MYD464	N/A	1.06	500	Brown	Yellow	Medium	N/A	N/A	13
P2785-13	MYD465	N/A	1.06	500	Brown	Yellow	Medium	N/A	N/A	14
P2785-14	MYD466	N/A	1.04	500	Brown	Yellow	Medium	N/A	N/A	15
P2785-15	MYD467	N/A	1.20	500	Brown	Yellow	Medium	N/A	N/A	16
P2785-16	MYD468	N/A	1.02	500	Brown	Yellow	Medium	N/A	N/A	17
P2785-17	MYD469	N/A	1.02	500	Brown	Yellow	Medium	N/A	N/A	18
P2785-18	MYD470	N/A	1.08	500	Brown	Yellow	Medium	N/A	N/A	19
P2785-19	MYD471	N/A	1.10	500	Brown	Yellow	Medium	N/A	N/A	20
P2785-20	MYD472	N/A	1.05	500	Brown	Yellow	Medium	N/A	N/A	21
P2785-21	MYD473	N/A	1.14	500	Brown	Yellow	Medium	N/A	N/A	22
P2785-22	MYD474	N/A	1.08	500	Brown	Yellow	Medium	N/A	N/A	23
PB163570BL	PBS570	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB163570BS	LCS570	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82170	25
PB163570BSD	LCSD570	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82170	26

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Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB132658

Review By	Sarabjit Jaswal	Review On	10/8/2024 12:04:04 AM
Supervise By	Mohan Bera	Supervise On	10/9/2024 7:43:32 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	TUNE006	TUNE	09/29/24 14:52		Jaswal	OK
2	S00	S0	CAL1	09/29/24 15:38		Jaswal	OK
3	S02	S02	CAL3	09/29/24 15:42		Jaswal	OK
4	S03	S03	CAL4	09/29/24 15:45		Jaswal	OK
5	S04	S04	CAL5	09/29/24 15:48		Jaswal	OK
6	S05	S05	CAL6	09/29/24 15:51		Jaswal	OK
7	S06	S06	CAL7	09/29/24 15:54		Jaswal	OK
8	S07	S07	CAL8	09/29/24 15:57		Jaswal	OK
9	S08	S08	CAL9	09/29/24 16:00		Jaswal	OK
10	ICV006	ICV006	ICV	09/29/24 16:12	Inst pause for calibration review	Jaswal	OK
11	ICB006	ICB006	ICB	09/29/24 16:16		Jaswal	OK
12	ICSA006	ICSA006	ICSA	09/29/24 16:19		Jaswal	OK
13	ICSAB006	ICSAB006	ICSAB	09/29/24 16:22		Jaswal	OK
14	CCV021	CCV021	CCV	09/29/24 16:26		Jaswal	OK
15	CCB021	CCB021	CCB	09/29/24 16:28		Jaswal	OK
16	PB163536BL	PBS536	MB	09/29/24 16:32		Jaswal	OK
17	PB163536BS	LCS536	LCS	09/29/24 16:36		Jaswal	OK
18	PB163536BSD	LCSD536	LCSD	09/29/24 16:39		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	10/9/2024 7:43:32 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

19	PB163570BL	PBS570	MB	09/29/24 16:42		Jaswal	OK
20	PB163570BS	LCS570	LCS	09/29/24 16:45		Jaswal	OK
21	PB163570BSD	LCSD570	LCSD	09/29/24 16:49		Jaswal	OK
22	P2747-01	MYD3M2	SAM	09/29/24 16:52	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
23	P2747-02	MYD3M2D	DUP	09/29/24 16:55	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
24	P2747-01L	MYD3M2L	SD	09/29/24 16:58	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
25	P2747-03	MYD3M2S	MS	09/29/24 17:02	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
26	P2747-01MS	MYD3M2SRE	MS	09/29/24 17:05	Ba,Co,Ni,V High	Jaswal	Dilution
27	P2747-04	MYD475	SAM	09/29/24 17:08		Jaswal	OK
28	P2747-05	MYD476	SAM	09/29/24 17:11		Jaswal	OK
29	P2747-06	MYD477	SAM	09/29/24 17:14		Jaswal	OK
30	P2747-07	MYD478	SAM	09/29/24 17:17		Jaswal	OK
31	P2747-14	MYD485	SAM	09/29/24 17:20		Jaswal	OK
32	P2747-15	MYD486	SAM	09/29/24 17:24		Jaswal	OK
33	P2747-16	MYD487	SAM	09/29/24 17:27		Jaswal	OK
34	P2747-17	MYD488	SAM	09/29/24 17:30		Jaswal	OK
35	P2747-18	MYD489	SAM	09/29/24 17:33		Jaswal	OK
36	CCV022	CCV022	CCV	09/29/24 17:36		Jaswal	OK
37	CCB022	CCB022	CCB	09/29/24 17:39		Jaswal	OK
38	P2747-08	MYD479	SAM	09/29/24 17:42		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	10/9/2024 7:43:32 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

39	P2747-09	MYD480	SAM	09/29/24 17:46		Jaswal	OK
40	P2747-10	MYD481	SAM	09/29/24 17:49		Jaswal	OK
41	P2747-11	MYD482	SAM	09/29/24 17:52		Jaswal	OK
42	P2747-12	MYD483	SAM	09/29/24 17:55		Jaswal	OK
43	P2747-13	MYD484	SAM	09/29/24 17:58		Jaswal	OK
44	P2747-19	MYD490	SAM	09/29/24 18:02		Jaswal	OK
45	P2747-20	MYD491	SAM	09/29/24 18:05		Jaswal	OK
46	P2747-21	MYD492	SAM	09/29/24 18:08		Jaswal	OK
47	P2747-22	MYD493	SAM	09/29/24 18:11		Jaswal	OK
48	P2785-01	MYD455	SAM	09/29/24 18:14		Jaswal	OK
49	P2785-02	MYD456	SAM	09/29/24 18:17		Jaswal	OK
50	P2785-03	MYD457	SAM	09/29/24 18:21		Jaswal	OK
51	P2785-04	MYD458	SAM	09/29/24 18:24		Jaswal	OK
52	P2785-05	MYD459	SAM	09/29/24 18:27	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
53	P2785-06	MYD459D	DUP	09/29/24 18:30	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
54	P2785-05L	MYD459L	SD	09/29/24 18:33	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
55	P2785-07	MYD459S	MS	09/29/24 18:37	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
56	P2785-05MS	MYD459SRE	MS	09/29/24 18:40	Ba,Co,Ni,V High	Jaswal	Dilution
57	P2785-08	MYD460	SAM	09/29/24 18:43		Jaswal	OK
58	P2785-09	MYD461	SAM	09/29/24 18:46		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB132658

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Supervise By	Mohan Bera	Supervise On	10/9/2024 7:43:32 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

59	P2785-10	MYD462	SAM	09/29/24 18:49		Jaswal	OK
60	P2785-11	MYD463	SAM	09/29/24 18:52		Jaswal	OK
61	P2785-12	MYD464	SAM	09/29/24 18:55		Jaswal	OK
62	P2785-13	MYD465	SAM	09/29/24 18:59		Jaswal	OK
63	P2785-14	MYD466	SAM	09/29/24 19:02		Jaswal	OK
64	CCV023	CCV023	CCV	09/29/24 19:05		Jaswal	OK
65	CCB023	CCB023	CCB	09/29/24 19:08		Jaswal	OK
66	P2785-15	MYD467	SAM	09/29/24 19:11		Jaswal	OK
67	P2785-16	MYD468	SAM	09/29/24 19:14		Jaswal	OK
68	P2785-17	MYD469	SAM	09/29/24 19:18		Jaswal	OK
69	P2785-18	MYD470	SAM	09/29/24 19:21		Jaswal	OK
70	P2785-19	MYD471	SAM	09/29/24 19:24		Jaswal	OK
71	P2785-20	MYD472	SAM	09/29/24 19:27		Jaswal	OK
72	P2785-21	MYD473	SAM	09/29/24 19:30		Jaswal	OK
73	P2785-22	MYD474	SAM	09/29/24 19:33		Jaswal	OK
74	P2747-01DL	MYD3M2	SAM	09/29/24 19:37	4X For Ba,Co,Ni,V	Jaswal	Confirms
75	P2747-02DL	MYD3M2D	DUP	09/29/24 19:40	4X For Ba,Co,Ni,V	Jaswal	Confirms
76	P2747-01LDL	MYD3M2L	SD	09/29/24 19:43	20X For Ba,Co,Ni,V	Jaswal	Confirms
77	P2747-03DL	MYD3M2S	MS	09/29/24 19:46	4X For Ba,Co,Ni,V	Jaswal	Confirms
78	P2747-01MSDL	MYD3M2SRE	MS	09/29/24 19:50	4X For Ba,Co,Ni,V	Jaswal	Confirms

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Daily Analysis Runlog For Sequence/QCBatch ID # LB132658

Review By	Sarabjit Jaswal	Review On	10/8/2024 12:04:04 AM
Supervise By	Mohan Bera	Supervise On	10/9/2024 7:43:32 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

79	P2785-05DL	MYD459	SAM	09/29/24 19:53	4X For Ba,Co,Ni,V	Jaswal	Confirms
80	P2785-06DL	MYD459D	DUP	09/29/24 19:56	4X For Ba,Co,Ni,V	Jaswal	Confirms
81	P2785-05LDL	MYD459L	SD	09/29/24 20:01	20X For Ba,Co,Ni,V	Jaswal	Confirms
82	P2785-07DL	MYD459S	MS	09/29/24 20:04	4X For Ba,Co,Ni,V	Jaswal	Confirms
83	P2785-05MSDL	MYD459SRE	MS	09/29/24 20:08	4X For Ba,Co,Ni,V	Jaswal	Confirms
84	CCV024	CCV024	CCV	09/29/24 20:11		Jaswal	OK
85	CCB024	CCB024	CCB	09/29/24 20:14		Jaswal	OK
86	CCV025	CCV025	CCV	09/29/24 21:54	Inst pause for review	Jaswal	OK
87	CCB025	CCB025	CCB	09/29/24 21:57		Jaswal	OK
88	P2731-16A	MYD3N3ARE	PS	09/29/24 22:18	PS for As(0.0026ml m5801-10ml sample)	Jaswal	OK
89	P2732-01A	MYD3G1ARE	PS	09/29/24 22:21	Not Required- PS for As(0.018ml mp82545-10ml sample)	Jaswal	Not Ok
90	P2734-02A	MYD3S7ARE	PS	09/29/24 22:24	PS for Pb(0.0069ml mp82593-10ml sample)	Jaswal	OK
91	P2748-01A	MYD3M4ARE	PS	09/29/24 22:28	PS for Ba, Ba high-(0.05ml m5390-10ml sample)	Jaswal	Dilution
92	P2748-01ADL	MYD3M4ARE	PS	09/29/24 22:35	2X for Ba , -(0.05ml m5390-10ml sample)	Jaswal	Confirms
93	CCV026	CCV026	CCV	09/29/24 22:39		Jaswal	OK
94	CCB026	CCB026	CCB	09/29/24 22:42		Jaswal	OK
95	P2726-08A	MYD3A9ARE	PS	09/29/24 23:04	PS for As(0.0057ml m5801-10ml sample)	Jaswal	Dilution

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB132658

Review By	Sarabjit Jaswal	Review On	10/8/2024 12:04:04 AM
Supervise By	Mohan Bera	Supervise On	10/9/2024 7:43:32 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

96	P2727-20A	MYD3E2ARE	PS	09/29/24 23:07	PS for Ag(0.013ml mp82730-10ml sample)	Jaswal	Dilution
97	P2734-02ARE	MYD3S7ARE	PS	09/29/24 23:11	Not Use	Jaswal	Not Ok
98	P2734-02AREDL	MYD3S7ARE	PS	09/29/24 23:16	Not Use	Jaswal	Not Ok
99	CCV027	CCV027	CCV	09/29/24 23:19		Jaswal	OK
100	CCB027	CCB027	CCB	09/29/24 23:26	Inst. paused for review	Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB132954

Review By	Sarabjit Jaswal	Review On	10/16/2024 4:13:04 AM
Supervise By	Mohan Bera	Supervise On	10/16/2024 4:13:57 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	MP82545,MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE022	TUNE	10/14/24 13:39		Jaswal	OK
2	S00	S0	CAL1	10/14/24 13:52		Jaswal	OK
3	S02	S02	CAL3	10/14/24 13:55		Jaswal	OK
4	S03	S03	CAL4	10/14/24 13:59		Jaswal	OK
5	S04	S04	CAL5	10/14/24 14:02		Jaswal	OK
6	S05	S05	CAL6	10/14/24 14:05		Jaswal	OK
7	S06	S06	CAL7	10/14/24 14:08		Jaswal	OK
8	S07	S07	CAL8	10/14/24 14:11		Jaswal	OK
9	S08	S08	CAL9	10/14/24 14:14		Jaswal	OK
10	ICV022	ICV022	ICV	10/14/24 14:28	Inst. paused for Calibration review	Jaswal	OK
11	ICB022	ICB022	ICB	10/14/24 14:32		Jaswal	OK
12	ICSA022	ICSA022	ICSA	10/14/24 14:38	Inst. paused for review	Jaswal	OK
13	ICSAB022	ICSAB022	ICSAB	10/14/24 14:43		Jaswal	OK
14	CCV079	CCV079	CCV	10/14/24 14:54	Inst. paused for review	Jaswal	OK
15	CCB079	CCB079	CCB	10/14/24 14:58		Jaswal	OK
16	P2745-01A	MYD3J0ARE	PS	10/14/24 15:03	PS for As-0.044(MP82545)-10ml Sample	Jaswal	OK
17	P2785-05A	MYD459ARE	PS	10/14/24 15:07	PS for As-0.021(MP82545) , PB - 0.0135 - MP82593 - 10 ml sample	Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB132954

Review By	Sarabjit Jaswal	Review On	10/16/2024 4:13:04 AM
Supervise By	Mohan Bera	Supervise On	10/16/2024 4:13:57 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	MP82545,MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

18	P2809-10A	MYD4R7ARE	PS	10/14/24 15:10	PS for Ag-0.02(MP82667)-10ml Sample	Jaswal	OK
19	P2822-01A	MYD5H2ARE	PS	10/14/24 15:13	PS for Ag-0.02(MP82667)-10ml Sample	Jaswal	OK
20	P2835-04A	MYD4A9ARE	PS	10/14/24 15:16	PS For Cu - 0.0033 - M5751-10ml Sample	Jaswal	OK
21	P2816-01A	MYD4J8ARE	PS	10/14/24 15:20	Not Use - PS for Sb-0.04 MP82668,se - 0.01-MP82590,tl - 0.02 - MP82799,as - 0.013 - MP82545,cd - 0.023- mp82800,Pb - 0.008 - MP82593-10ml Sample	Jaswal	Not Ok
22	P2815-11DL	MYD536	SAM	10/14/24 15:23	Not Use	Jaswal	Not Ok
23	P2815-12DL	MYD536D	DUP	10/14/24 15:26	Not Use	Jaswal	Not Ok
24	P2815-11LDL	MYD536L	SD	10/14/24 15:30	Not Use	Jaswal	Not Ok
25	P2815-13DL	MYD536S	MS	10/14/24 15:33	Not Use	Jaswal	Not Ok
26	P2815-11MSDL	MYD536SRE	MS	10/14/24 15:36	Not Use	Jaswal	Not Ok
27	P2825-01DL	MYD542	SAM	10/14/24 15:39	Not Use	Jaswal	Not Ok
28	P2825-02DL	MYD542D	DUP	10/14/24 15:43	Not Use	Jaswal	Not Ok
29	P2825-01LDL	MYD542L	SD	10/14/24 15:46	Not Use	Jaswal	Not Ok
30	P2825-03DL	MYD542S	MS	10/14/24 15:50	Not Use	Jaswal	Not Ok
31	P2825-01MSDL	MYD542SRE	MS	10/14/24 15:53	Not Use	Jaswal	Not Ok
32	P2822-01DL	MYD5H2	SAM	10/14/24 15:56	Not Use	Jaswal	Not Ok

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB132954

Review By	Sarabjit Jaswal	Review On	10/16/2024 4:13:04 AM
Supervise By	Mohan Bera	Supervise On	10/16/2024 4:13:57 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	MP82545,MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

33	P2822-02DL	MYD5H2D	DUP	10/14/24 15:59	Not Use	Jaswal	Not Ok
34	P2822-01LDL	MYD5H2L	SD	10/14/24 16:03	Not Use	Jaswal	Not Ok
35	P2822-03DL	MYD5H2S	MS	10/14/24 16:06	Not Use	Jaswal	Not Ok
36	P2822-01MSDL	MYD5H2SRE	MS	10/14/24 16:09	Not Use	Jaswal	Not Ok
37	P2830-01DL	MYD573	SAM	10/14/24 16:12	Not Use	Jaswal	Not Ok
38	P2830-02DL	MYD573D	DUP	10/14/24 16:16	Not Use	Jaswal	Not Ok
39	P2830-02LDL	MYD573DL	SD	10/14/24 16:19	Not Use	Jaswal	Not Ok
40	P2830-03DL	MYD573S	MS	10/14/24 16:23	Not Use	Jaswal	Not Ok
41	CCV080	CCV080	CCV	10/14/24 16:26		Jaswal	OK
42	CCB080	CCB080	CCB	10/14/24 16:29		Jaswal	OK
43	P2830-01MSDL	MYD573SRE	MS	10/14/24 16:36	Not Use	Jaswal	Not Ok
44	P2831-01DL	MYD5C5	SAM	10/14/24 16:39	Not Use	Jaswal	Not Ok
45	P2831-02DL	MYD5C5D	DUP	10/14/24 16:42	Not Use	Jaswal	Not Ok
46	P2831-01LDL	MYD5C5L	SD	10/14/24 16:45	Not Use	Jaswal	Not Ok
47	CCV081	CCV081	CCV	10/14/24 17:02		Jaswal	OK
48	CCB081	CCB081	CCB	10/14/24 17:05		Jaswal	OK
49	P2748-04	MYD3Z2	SAM	10/14/24 17:08		Jaswal	OK
50	P2817-04A	MYD570ARE	PS	10/14/24 17:11	Not use	Jaswal	Not Ok
51	PB163819BL	PBS819	MB	10/14/24 17:15		Jaswal	OK
52	PB163819BS	LCS819	LCS	10/14/24 17:18		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 # LB132954

Review By	Sarabjit Jaswal	Review On	10/16/2024 4:13:04 AM
Supervise By	Mohan Bera	Supervise On	10/16/2024 4:13:57 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	MP82545,MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

53	PB163819BSD	LCSD819	LCSD	10/14/24 17:22		Jaswal	OK
54	P2829-08	MYD5T9	SAM	10/14/24 17:25	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
55	P2829-09	MYD5T9D	DUP	10/14/24 17:28	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
56	P2829-08L	MYD5T9L	SD	10/14/24 17:31	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
57	P2829-10	MYD5T9S	MS	10/14/24 17:35	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
58	P2829-08MS	MYD5T9SRE	MS	10/14/24 17:38	MS Fail For Pb(129.19ppb), Ba,Co,Ni,V High	Jaswal	Dilution
59	P2829-08DL	MYD5T9	SAM	10/14/24 17:41	4X For Ba,Co,Ni,V	Jaswal	Confirms
60	P2829-09DL	MYD5T9D	DUP	10/14/24 17:45	4X For Ba,Co,Ni,V	Jaswal	Confirms
61	P2829-08LDL	MYD5T9L	SD	10/14/24 17:48	20X For Ba,Co,Ni,V	Jaswal	Confirms
62	P2829-10DL	MYD5T9S	MS	10/14/24 17:51	4X For Ba,Co,Ni,V	Jaswal	Confirms
63	P2829-08MSDL	MYD5T9SRE	MS	10/14/24 17:55	4X For Ba,Co,Ni,V	Jaswal	Confirms
64	P2829-01	MYD5T2	SAM	10/14/24 17:58		Jaswal	OK
65	P2829-02	MYD5T3	SAM	10/14/24 18:01		Jaswal	OK
66	P2829-03	MYD5T4	SAM	10/14/24 18:05		Jaswal	OK
67	P2829-04	MYD5T5	SAM	10/14/24 18:08		Jaswal	OK
68	P2829-05	MYD5T6	SAM	10/14/24 18:11		Jaswal	OK
69	P2829-06	MYD5T7	SAM	10/14/24 18:14		Jaswal	OK
70	P2829-07	MYD5T8	SAM	10/14/24 18:18		Jaswal	OK
71	P2829-11	MYD5W0	SAM	10/14/24 18:21		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 # LB132954

Review By	Sarabjit Jaswal	Review On	10/16/2024 4:13:04 AM
Supervise By	Mohan Bera	Supervise On	10/16/2024 4:13:57 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	MP82545,MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

72	P2829-12	MYD5W1	SAM	10/14/24 18:24		Jaswal	OK
73	P2829-13	MYD5W2	SAM	10/14/24 18:27		Jaswal	OK
74	P2829-14	MYD5W3	SAM	10/14/24 18:31		Jaswal	OK
75	CCV082	CCV082	CCV	10/14/24 18:34		Jaswal	OK
76	CCB082	CCB082	CCB	10/14/24 18:40	Inst. paused for review	Jaswal	OK

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PRESCOTT, AZ 85284
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ALLIANCE TECHNICAL GROUP LLC
284 SHEFFIELD ST

MOUNTAINSIDE NJ 07092
(908) 789-8900
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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 :	P2785	Order Date :	6/7/2024 9:20:00 AM	Project Mgr :	Deepak
Client :	USEPA CLP SMO	Project :	51495	Report Type :	USEPA CLP
Contact :	Anita Kapadia	Receive Date :	6/7/2024 9:20:00 AM	EDD Type :	EPA CLP
Date Sign Off :	6/7/2024 3:26:57 PM				

Sample ID	Client ID	Matrix	Sampling Date	Test	Test Group	Method	TAT Days	Fax Due Date	HC Due Date
P2785-01	MYD455	Solid	06/04/2024						
				Metals CLP Full		SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL		SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids		Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-02	MYD456	Solid	06/04/2024						
				Metals CLP Full		SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL		SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids		Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-03	MYD457	Solid	06/04/2024						
				Metals CLP Full		SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL		SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids		Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-04	MYD458	Solid	06/04/2024						
				Metals CLP Full		SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL		SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids		Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-05	MYD459	Solid	06/04/2024						
				Metals CLP Full		SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL		SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids		Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-06	MYD459D	Solid	06/04/2024						
				Metals CLP Full		SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL		SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids		Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-07	MYD459S	Solid	06/04/2024						
				Metals CLP Full		SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL		SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids		Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-08	MYD460	Solid	06/04/2024						
				Metals CLP Full		SFAM_AES	15	06/28/2024	06/28/2024

				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-09	MYD461	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-10	MYD462	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-11	MYD463	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-12	MYD464	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-13	MYD465	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-14	MYD466	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-15	MYD467	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-16	MYD468	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-17	MYD469	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-18	MYD470	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024

				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-19	MYD471	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-20	MYD472	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-21	MYD473	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024
P2785-22	MYD474	Solid	06/04/2024					
				Metals CLP Full	SFAM_AES	15	06/28/2024	06/28/2024
				Metals CLP MS FULL	SFAM_MS	15	06/28/2024	06/28/2024
				Percent Solids	Chemtech -SOP	15	06/28/2024	06/28/2024

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB163570 **WorkList ID :** 183692 **Department :** Digestion **Date :** 09-20-2024 11:01:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2785-01	MYD455	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-02	MYD456	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-03	MYD457	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-04	MYD458	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-05	MYD459	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-06	MYD459D	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-07	MYD459S	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-08	MYD460	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-09	MYD461	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-10	MYD462	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-11	MYD463	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-12	MYD464	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-13	MYD465	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-14	MYD466	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-15	MYD467	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-16	MYD468	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-17	MYD469	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-18	MYD470	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-19	MYD471	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-20	MYD472	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS
P2785-21	MYD473	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS

1046

Date/Time 9/23/24 ~~12:30~~ 11:00

Raw Sample Received by: jgp (Met dig)

Raw Sample Relinquished by: RM SM

Date/Time 9/23/24 14:30

Raw Sample Received by: RM SM

Raw Sample Relinquished by: jgp (Met dig)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB163570 **WorkList ID :** 183692 **Department :** Digestion **Date :** 09-20-2024 11:01:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2785-22	MYD474	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q42	06/04/2024	SFAM_MS

10047

Date/Time 9/23/24 ~~12:30~~ 11:00

Raw Sample Received by: jgp (Met dig)

Raw Sample Relinquished by: RM SM

JP 10/15/2024

Date/Time 9/23/24 14:30

Raw Sample Received by: RM SM

Raw Sample Relinquished by: jgp (Met dig)